

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
 Data File : BP004087.D
 Acq On : 24 Nov 2020 21:34
 Operator : CG/JU
 Sample : L4873-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HR-01-112320

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP004087.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.916	3	5	21	rVB	1161918	1237346	12.64%	0.773%
2	5.799	485	495	500	rBV2	340327	586274	5.99%	0.366%
3	6.246	564	571	581	rVB2	1083311	1671948	17.07%	1.045%
4	6.516	610	617	624	rBV4	224738	492066	5.02%	0.307%
5	6.810	662	667	672	rBV	392693	568044	5.80%	0.355%
6	6.893	672	681	685	rVV3	417318	865310	8.84%	0.541%
7	7.163	719	727	732	rBV3	209672	518510	5.29%	0.324%
8	7.228	732	738	740	rBV2	332718	540119	5.52%	0.337%
9	7.257	740	743	748	rVV	606947	875840	8.94%	0.547%
10	7.316	748	753	756	rVV	666316	1045966	10.68%	0.653%
11	7.346	756	758	764	rVV2	448647	760888	7.77%	0.475%
12	7.428	764	772	778	rVV4	830803	2137662	21.83%	1.336%
13	7.481	778	781	787	rVB	446837	712401	7.27%	0.445%
14	7.657	806	811	816	rBV	427717	608082	6.21%	0.380%
15	7.904	847	853	861	rVB2	4266531	7151934	73.03%	4.468%
16	8.110	882	888	896	rBV5	205091	576348	5.89%	0.360%
17	8.181	896	900	902	rBV2	296443	446606	4.56%	0.279%
18	8.269	909	915	920	rVB	1778938	2792850	28.52%	1.745%
19	8.363	926	931	934	rVV	384733	667243	6.81%	0.417%
20	8.399	934	937	946	rVV2	454665	789624	8.06%	0.493%
21	8.481	946	951	955	rVB3	546334	802072	8.19%	0.501%
22	8.551	955	963	964	rBV2	352865	585084	5.97%	0.366%
23	8.581	964	968	975	rVB2	869069	1457486	14.88%	0.911%
24	8.646	975	979	986	rVB4	290352	659490	6.73%	0.412%
25	8.728	986	993	998	rBV5	256336	589409	6.02%	0.368%
26	8.828	1003	1010	1015	rVV2	1417311	2582323	26.37%	1.613%
27	8.881	1016	1019	1023	rVV	837581	1199940	12.25%	0.750%
28	8.928	1023	1027	1028	rVV2	879313	1185887	12.11%	0.741%
29	8.951	1028	1031	1035	rVV	1250207	1736992	17.74%	1.085%
30	9.063	1044	1050	1053	rBV	1330729	2094545	21.39%	1.309%
31	9.134	1058	1062	1066	rVB	447047	609234	6.22%	0.381%
32	9.298	1085	1090	1099	rVB2	580041	1115034	11.39%	0.697%
33	9.404	1099	1108	1119	rBV4	1153813	3789110	38.69%	2.367%
34	9.528	1119	1129	1134	rVB	5830050	9792630	100.00%	6.118%
35	9.628	1141	1146	1147	rBV3	664618	979669	10.00%	0.612%
36	9.740	1160	1165	1166	rBV2	388204	518540	5.30%	0.324%

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Min Area: 3 % of largest Peak

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.787	1169	1173	1178	rVB5	839890	1507068	15.39%	0.942%
38	9.875	1178	1188	1193	rBV7	433554	1244255	12.71%	0.777%
39	9.946	1193	1200	1204	rBV2	692232	1370433	13.99%	0.856%
40	9.993	1204	1208	1211	rBV	375859	538799	5.50%	0.337%
41	10.034	1211	1215	1218	rVB	702927	939219	9.59%	0.587%
42	10.069	1218	1221	1233	rVB4	363528	761343	7.77%	0.476%
43	10.187	1233	1241	1244	rBV4	527332	1208384	12.34%	0.755%
44	10.234	1244	1249	1254	rVB2	1136860	1847587	18.87%	1.154%
45	10.293	1254	1259	1265	rBV3	1152105	2056847	21.00%	1.285%
46	10.357	1265	1270	1272	rBV3	850766	1338941	13.67%	0.837%
47	10.451	1280	1286	1291	rBV	1304642	2036659	20.80%	1.272%
48	10.522	1291	1298	1303	rBV4	1783122	3786314	38.66%	2.366%
49	10.634	1311	1317	1322	rBV2	1218687	2130887	21.76%	1.331%
50	10.687	1322	1326	1330	rVV2	449477	806128	8.23%	0.504%
51	10.740	1330	1335	1341	rVB	744339	1402259	14.32%	0.876%
52	10.804	1341	1346	1350	rBV	333212	650364	6.64%	0.406%
53	10.898	1357	1362	1368	rBV5	256521	518878	5.30%	0.324%
54	11.004	1376	1380	1386	rVV3	407584	761348	7.77%	0.476%
55	11.075	1386	1392	1400	rVB2	4819796	8739887	89.25%	5.460%
56	11.222	1414	1417	1420	rBV3	322510	514221	5.25%	0.321%
57	11.269	1420	1425	1430	rVB	2302922	3750643	38.30%	2.343%
58	11.328	1430	1435	1441	rBV6	609665	1274834	13.02%	0.796%
59	11.387	1442	1445	1456	rVB5	393273	882053	9.01%	0.551%
60	11.487	1456	1462	1467	rBV4	419059	1013828	10.35%	0.633%
61	11.575	1473	1477	1481	rBV3	452550	770981	7.87%	0.482%
62	11.687	1489	1496	1501	rVB6	347563	758871	7.75%	0.474%
63	11.769	1506	1510	1512	rVV3	291945	445582	4.55%	0.278%
64	11.804	1512	1516	1523	rVV3	1295917	2934703	29.97%	1.834%
65	11.863	1523	1526	1533	rVB3	572466	1075658	10.98%	0.672%
66	11.934	1533	1538	1544	rVB4	1290759	2059657	21.03%	1.287%
67	12.010	1545	1551	1562	rBV4	1560315	3332489	34.03%	2.082%
68	12.116	1563	1569	1573	rVV2	2328065	4136938	42.25%	2.585%
69	12.157	1573	1576	1580	rVV3	486710	778035	7.95%	0.486%
70	12.204	1581	1584	1590	rVB2	582909	923939	9.44%	0.577%
71	12.281	1592	1597	1605	rBV2	1146740	2008968	20.52%	1.255%
72	12.498	1627	1634	1643	rBV	4476971	7136376	72.87%	4.459%
73	12.634	1651	1657	1661	rBV4	772765	1286402	13.14%	0.804%
74	12.716	1665	1671	1679	rVB4	1016056	2245978	22.94%	1.403%
75	12.987	1712	1717	1721	rBV2	693980	1067067	10.90%	0.667%
76	13.122	1735	1740	1743	rBV	813433	1247550	12.74%	0.779%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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77	13.157	1743	1746	1748	rBV2	339714	429278	4.38%	0.268%
78	13.222	1754	1757	1760	rBV	498818	592584	6.05%	0.370%
79	13.292	1765	1769	1778	rVB2	1308304	1880864	19.21%	1.175%
80	13.375	1779	1783	1789	rBV3	847088	1449888	14.81%	0.906%
81	13.434	1789	1793	1799	rVB2	1846033	2848855	29.09%	1.780%
82	13.510	1803	1806	1814	rVB2	383307	695998	7.11%	0.435%
83	13.716	1835	1841	1849	rBV	3399344	5531401	56.49%	3.456%
84	13.845	1860	1863	1867	rVB	493066	626098	6.39%	0.391%
85	14.228	1924	1928	1932	rBV4	335705	590794	6.03%	0.369%
86	14.275	1932	1936	1941	rVB4	542292	807083	8.24%	0.504%
87	14.339	1942	1947	1948	rBV2	731210	935459	9.55%	0.584%
88	14.363	1948	1951	1955	rVV	1483098	2026849	20.70%	1.266%
89	14.398	1955	1957	1965	rVV2	843519	1155248	11.80%	0.722%
90	14.475	1966	1970	1974	rVB2	640104	905221	9.24%	0.566%
91	14.769	2016	2020	2025	rVB	1926765	2343353	23.93%	1.464%
92	14.892	2037	2041	2047	rVB	962357	1464943	14.96%	0.915%
93	15.381	2118	2124	2132	rVB5	250752	728349	7.44%	0.455%
94	15.710	2173	2180	2186	rVB	889115	1122106	11.46%	0.701%
95	16.116	2242	2249	2254	rBV	220955	459007	4.69%	0.287%
96	16.563	2321	2325	2328	rBV	493790	632582	6.46%	0.395%
97	17.627	2500	2506	2511	rBV	998781	1436795	14.67%	0.898%
98	20.121	2926	2930	2935	rVB	493426	604107	6.17%	0.377%
99	21.657	3187	3191	3196	rVB	1037821	1393671	14.23%	0.871%
100	24.133	3607	3612	3619	rVB	689159	1364401	13.93%	0.852%

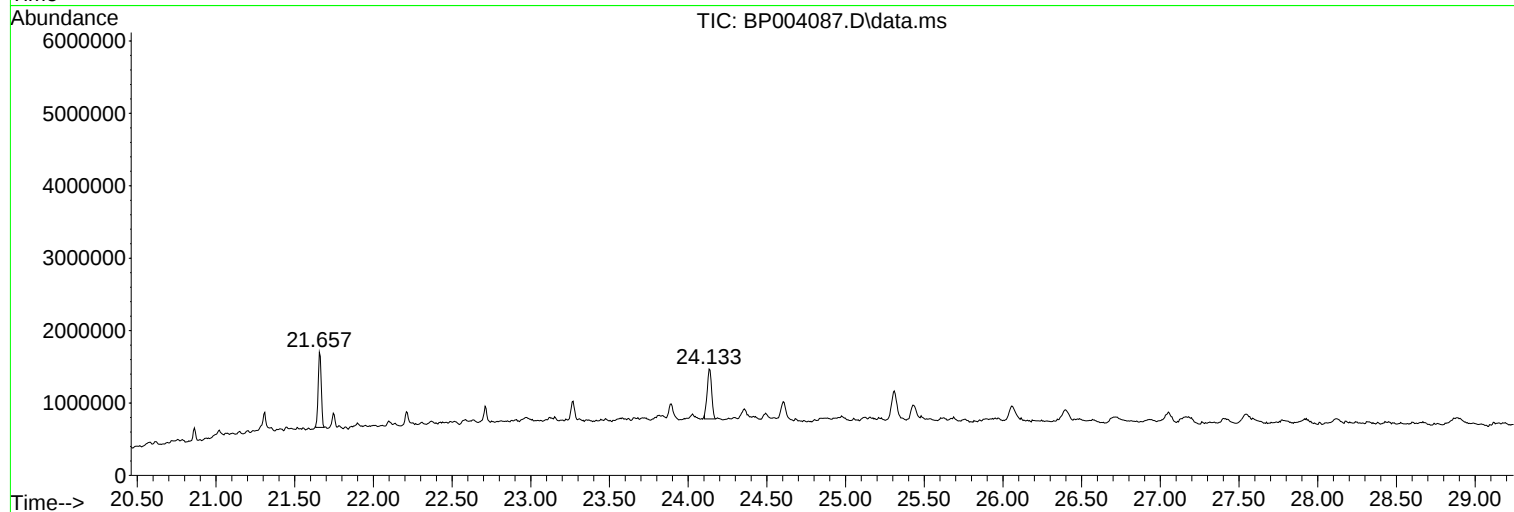
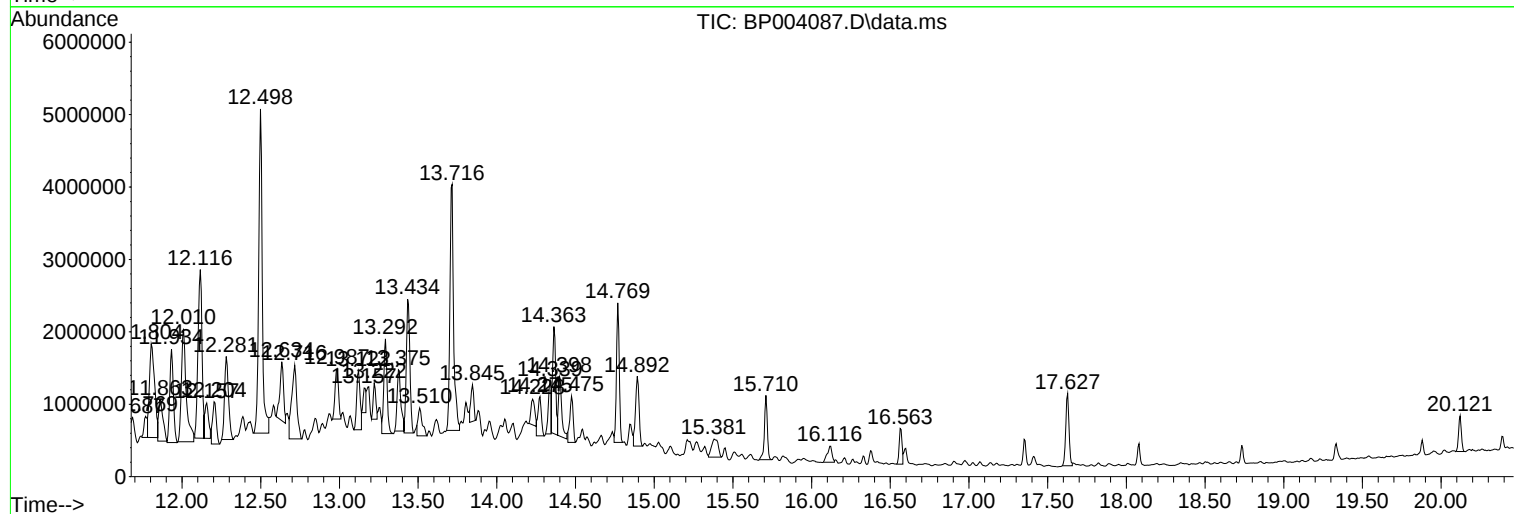
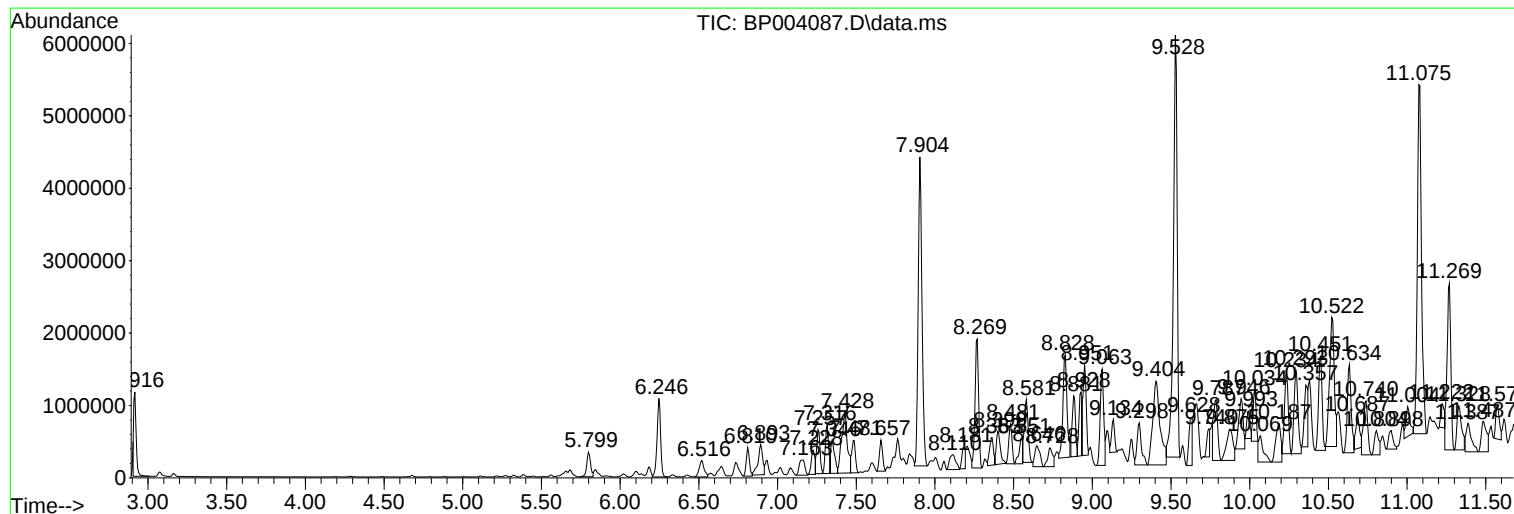
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Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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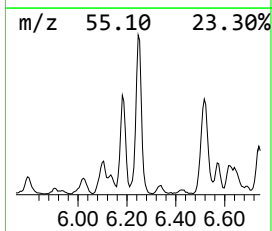
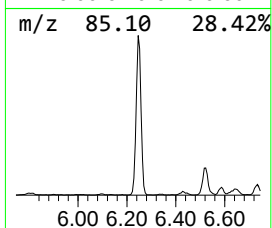
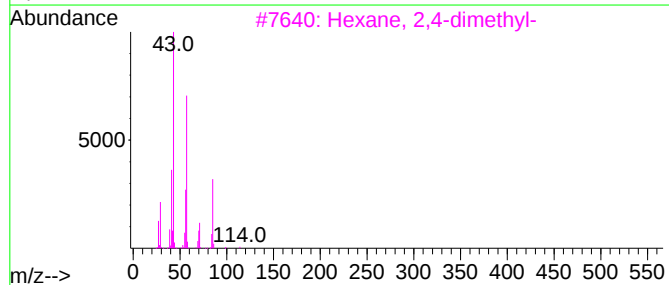
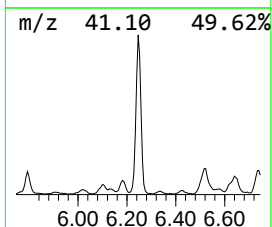
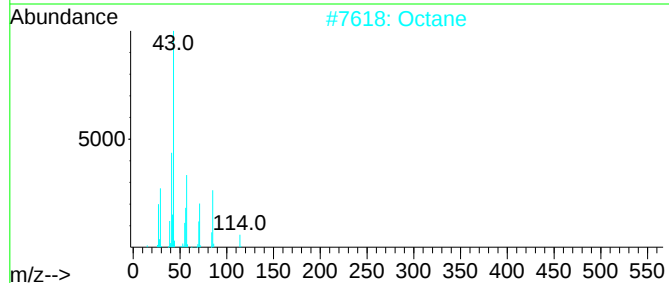
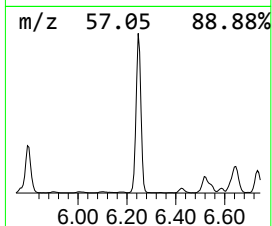
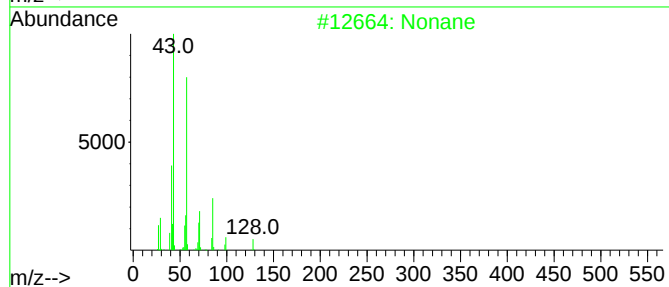
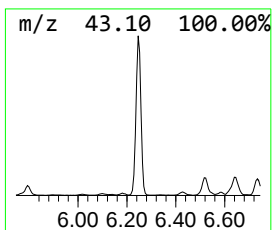
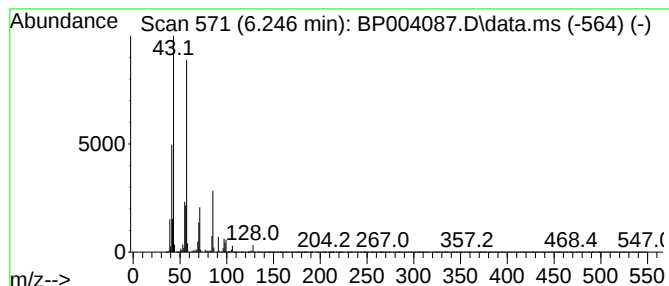
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Nonane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.246	11.97 ng	1671950	1,4-Dichlorobenzene-d4	8.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane	128	C9H20	000111-84-2	91
2			Octane	114	C8H18	000111-65-9	59
3			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53
4			Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	47
5			Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	47



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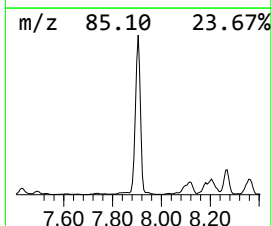
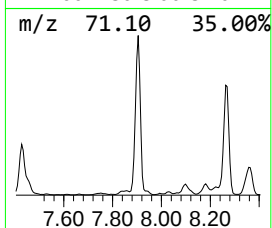
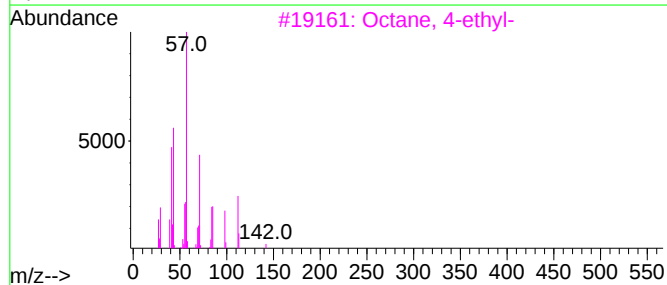
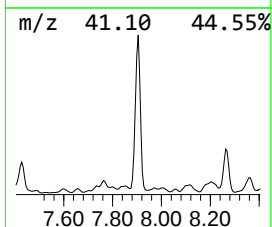
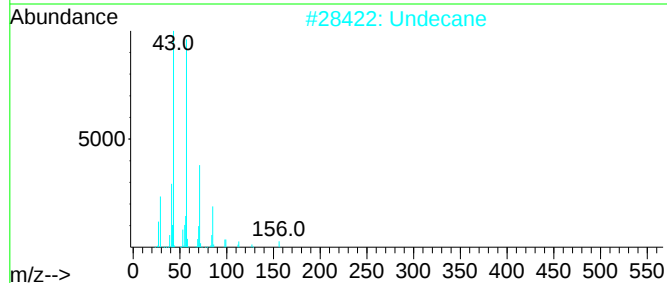
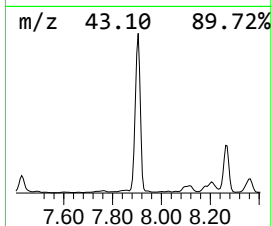
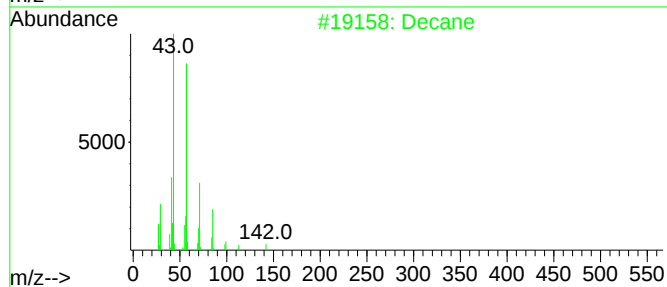
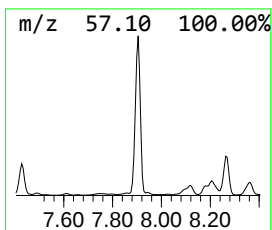
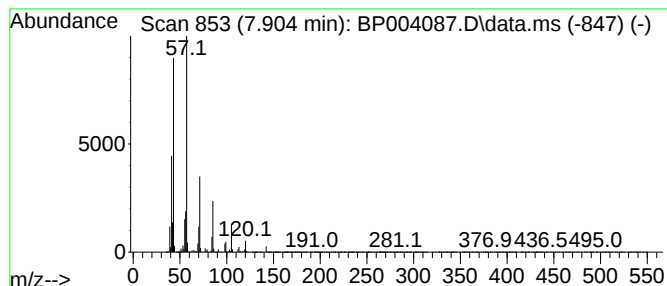
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.904	51.22 ng	7151930	1,4-Dichlorobenzene-d4	8.269

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane	142	C10H22	000124-18-5	94
2		Undecane	156	C11H24	001120-21-4	80
3		Octane, 4-ethyl-	142	C10H22	015869-86-0	68
4		Tridecane	184	C13H28	000629-50-5	59
5		Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	59



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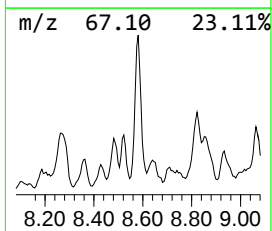
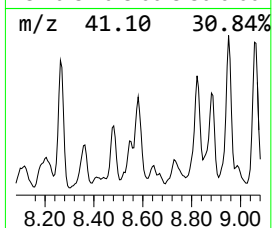
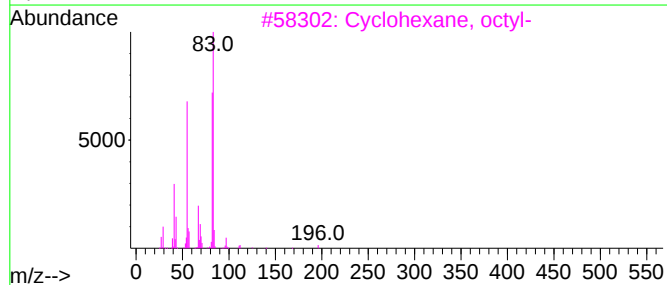
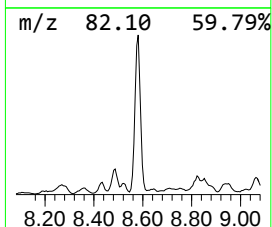
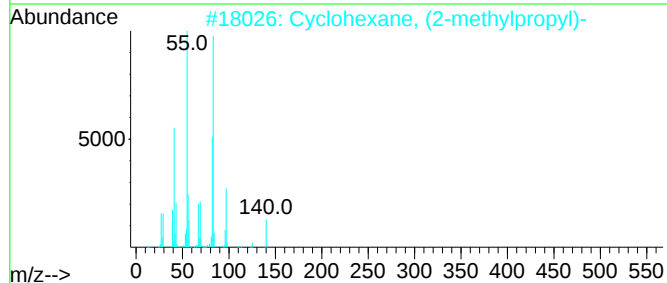
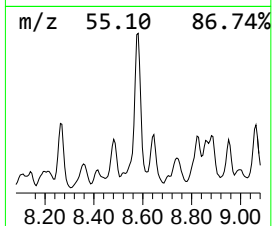
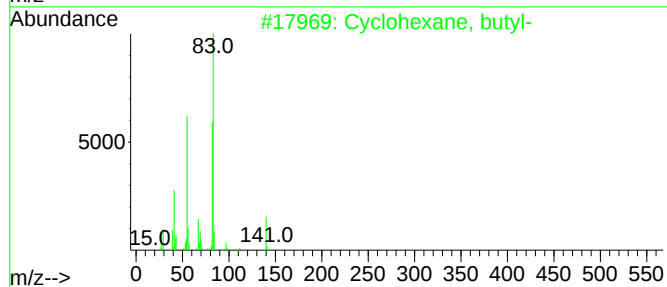
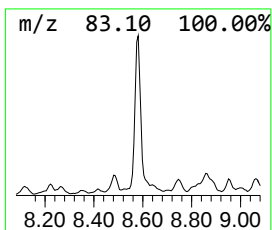
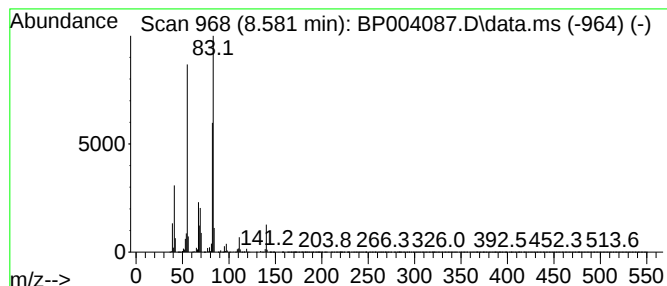
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, butyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.581	10.44 ng	1457490	1,4-Dichlorobenzene-d4	8.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	87
2			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	86
3			Cyclohexane, octyl-	196	C14H28	001795-15-9	72
4			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	72
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004087.D
Acq On : 24 Nov 2020 21:34
Operator : CG/JU
Sample : L4873-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-01-112320

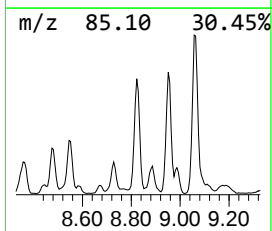
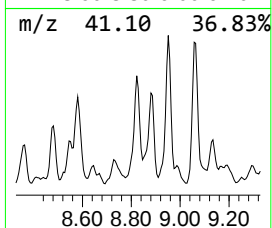
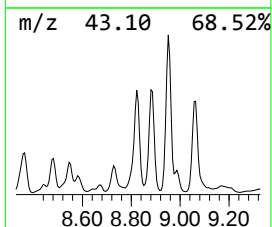
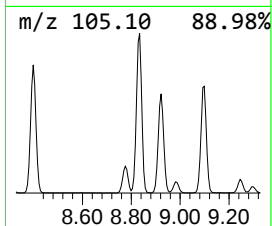
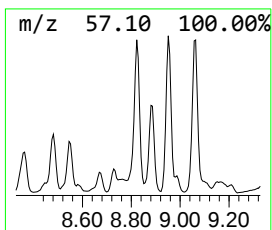
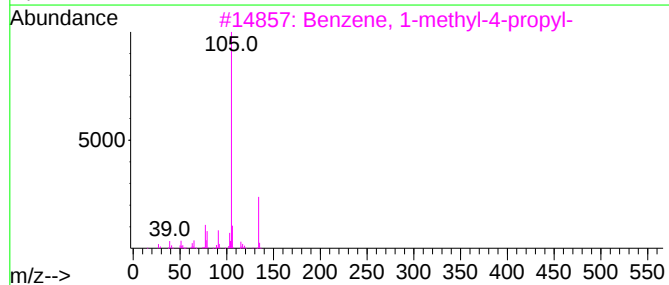
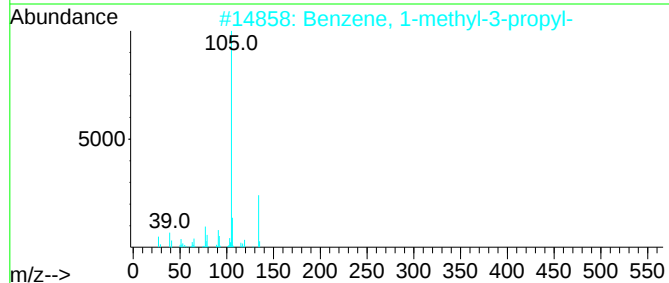
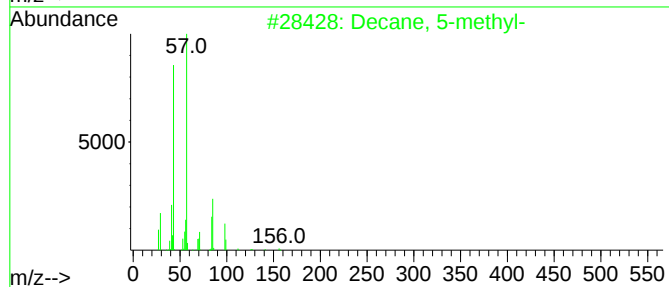
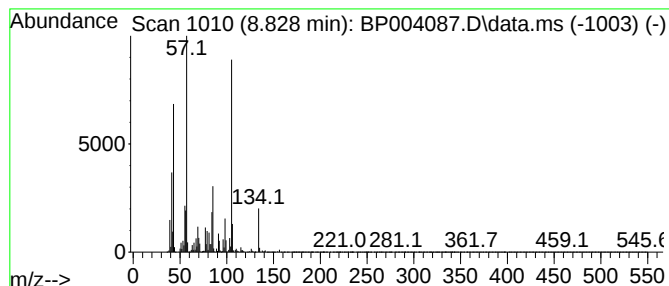
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Decane, 5-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.828	18.49 ng	2582320	1,4-Dichlorobenzene-d4	8.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5-methyl-	156	C11H24	013151-35-4	53
2			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	42
3			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	42
4			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	42
5			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004087.D
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Operator : CG/JU
Sample : L4873-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-01-112320

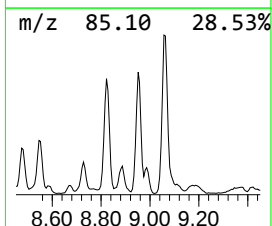
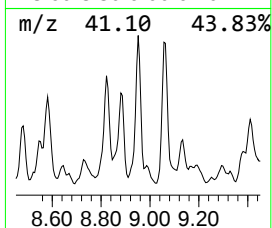
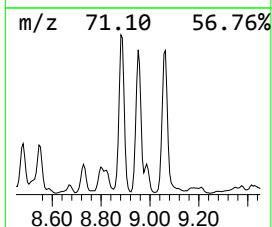
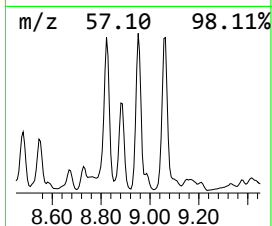
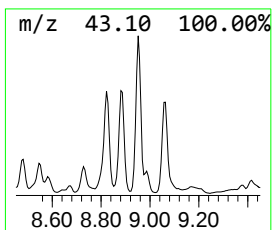
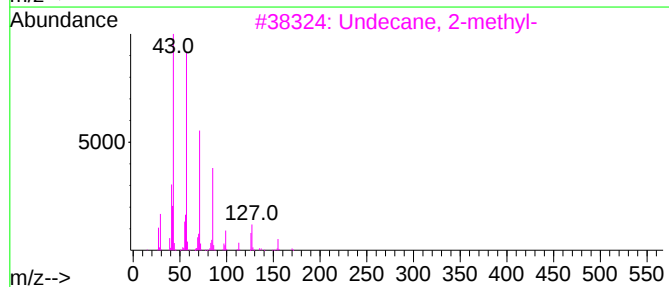
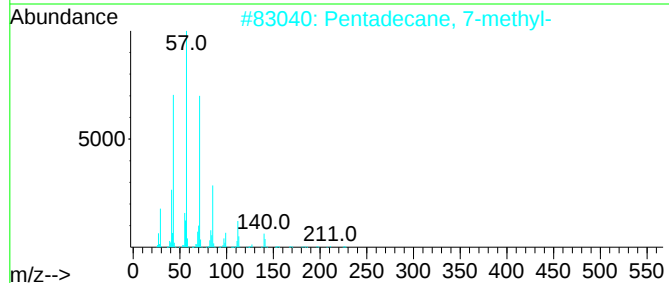
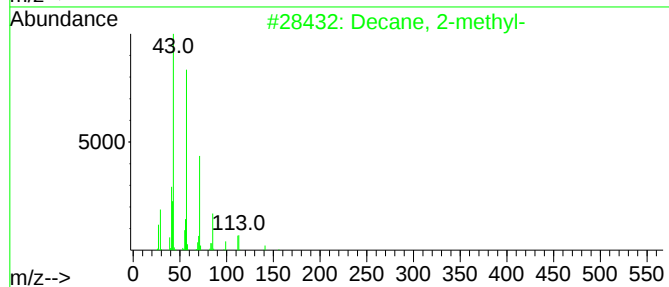
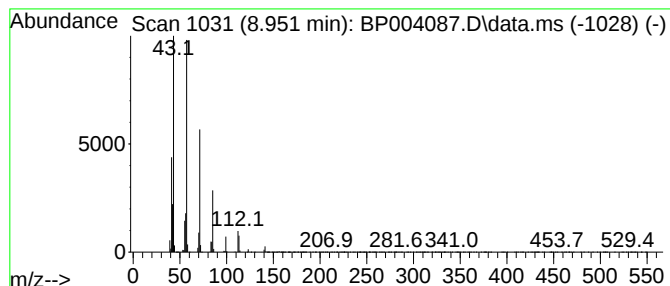
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Decane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.951	12.44 ng	1736990	1,4-Dichlorobenzene-d4	8.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	93
2			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	80
3			Undecane, 2-methyl-	170	C12H26	007045-71-8	72
4			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	64
5			Undecane, 5-methyl-	170	C12H26	001632-70-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004087.D
Acq On : 24 Nov 2020 21:34
Operator : CG/JU
Sample : L4873-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
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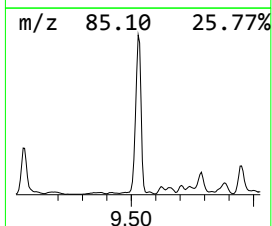
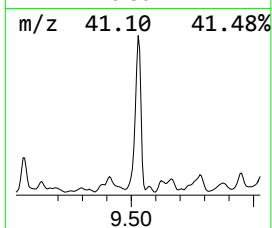
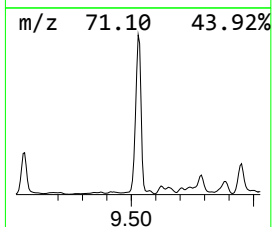
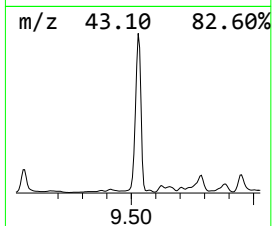
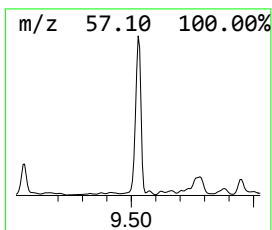
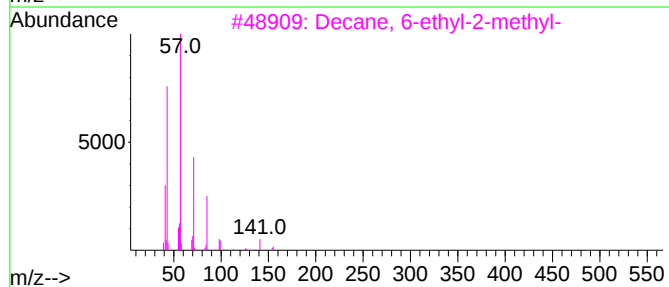
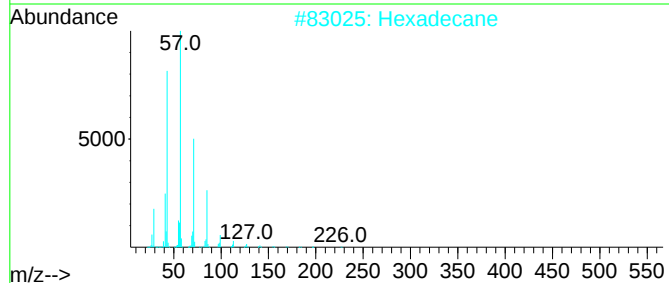
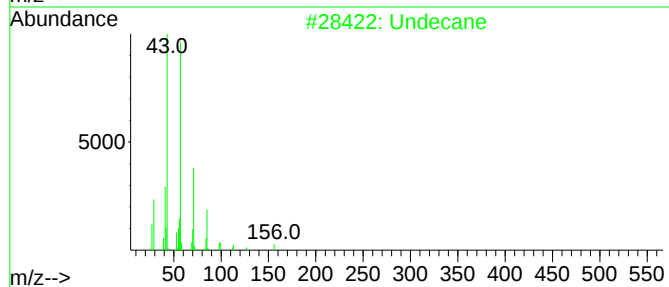
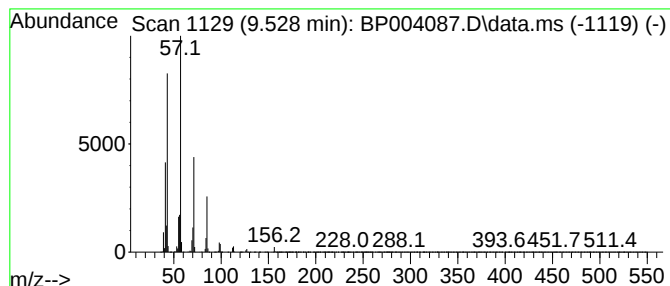
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.528	70.13 ng	9792630	1,4-Dichlorobenzene-d4	8.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	93
2	Hexadecane			226	C16H34	000544-76-3	86
3	Decane, 6-ethyl-2-methyl-			184	C13H28	062108-21-8	83
4	Tridecane			184	C13H28	000629-50-5	78
5	Octane, 3-ethyl-2,7-dimethyl-			170	C12H26	062183-55-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004087.D
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Operator : CG/JU
Sample : L4873-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

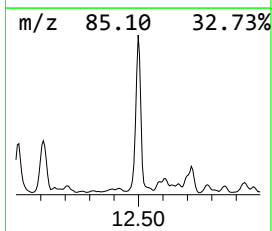
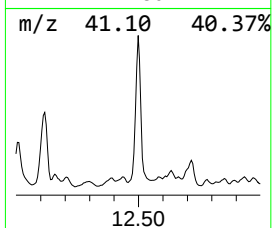
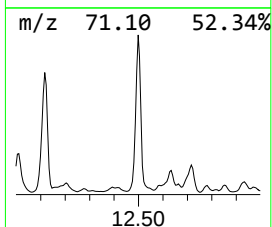
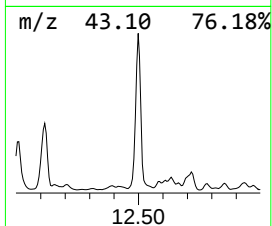
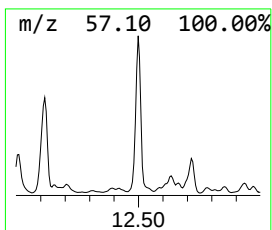
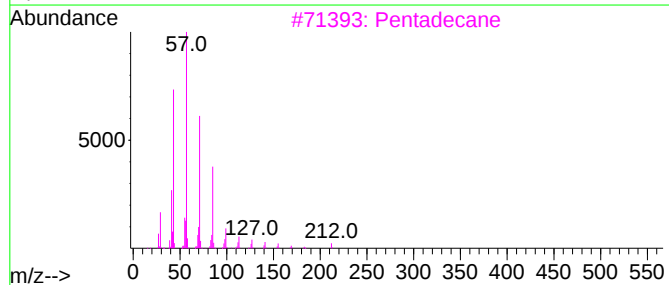
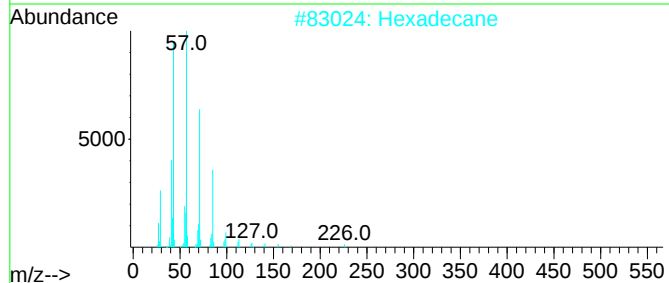
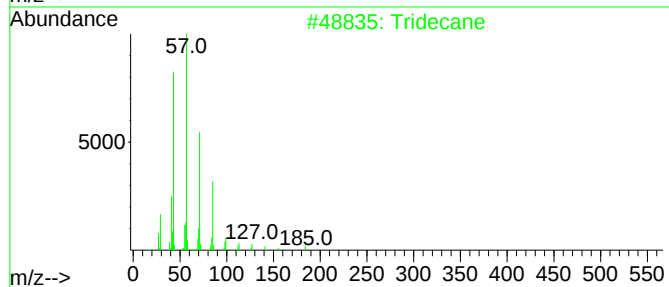
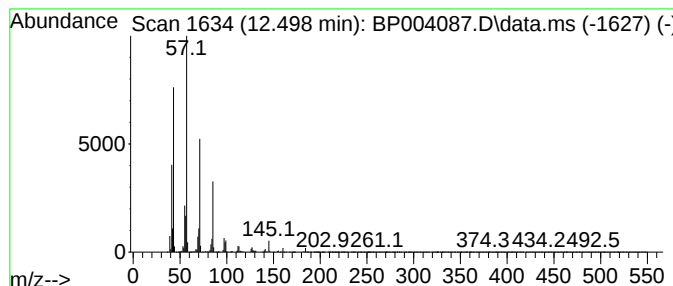
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.498	16.33 ng	7136380	Naphthalene-d8	11.098	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Hexadecane	226	C16H34	000544-76-3	87
3	Pentadecane	212	C15H32	000629-62-9	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004087.D
Acq On : 24 Nov 2020 21:34
Operator : CG/JU
Sample : L4873-01 5X
Misc :
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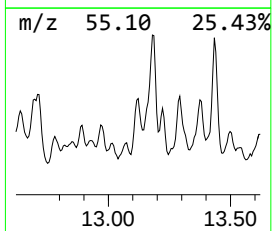
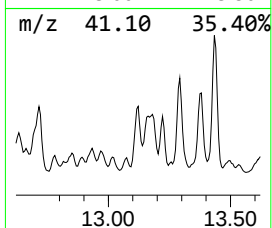
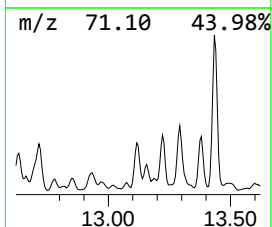
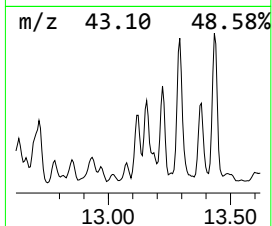
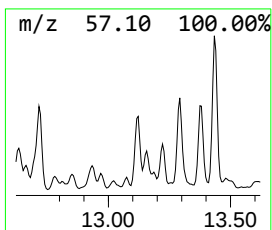
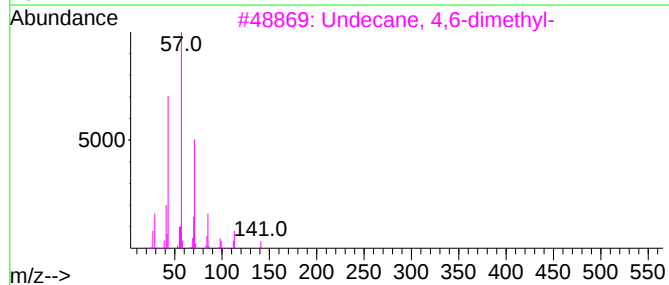
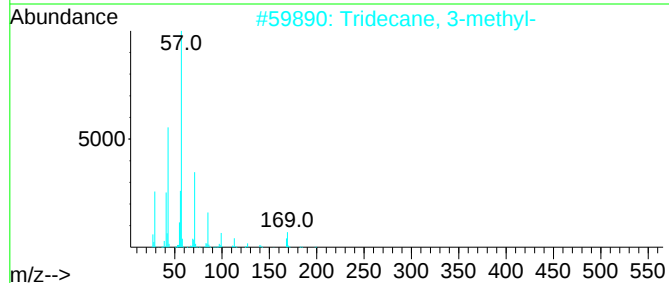
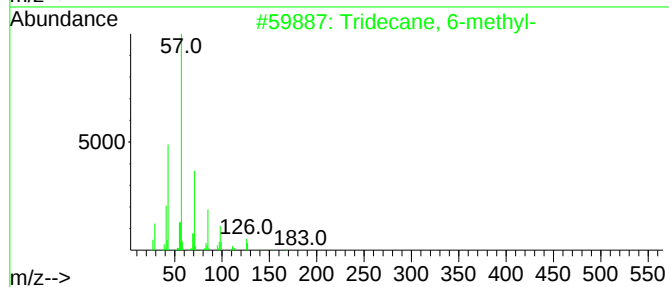
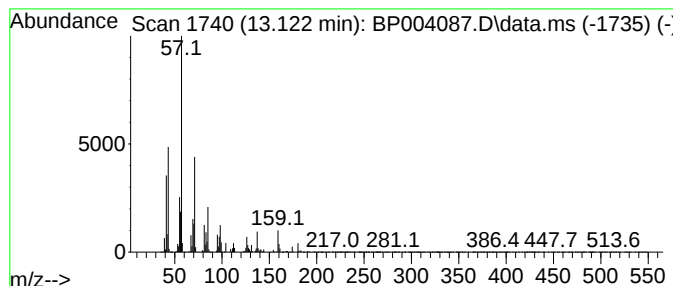
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Tridecane, 6-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.122	17.03 ng	1247550	Acenaphthene-d10	14.892	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	58
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	49
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	49
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	47
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004087.D
Acq On : 24 Nov 2020 21:34
Operator : CG/JU
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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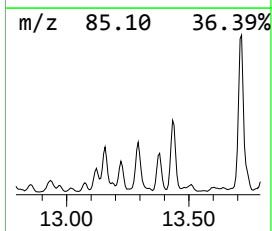
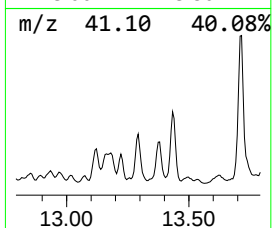
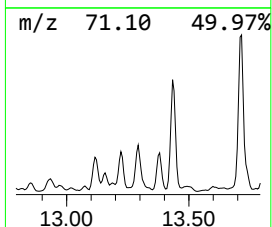
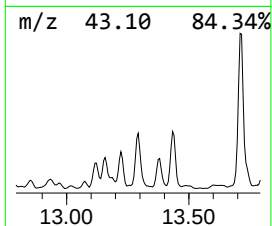
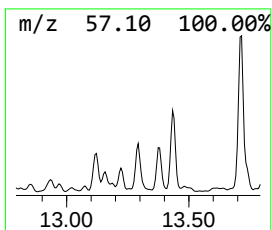
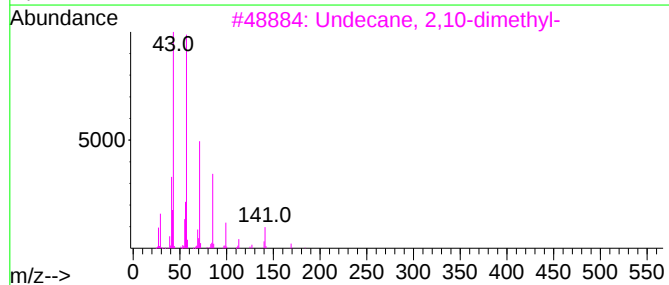
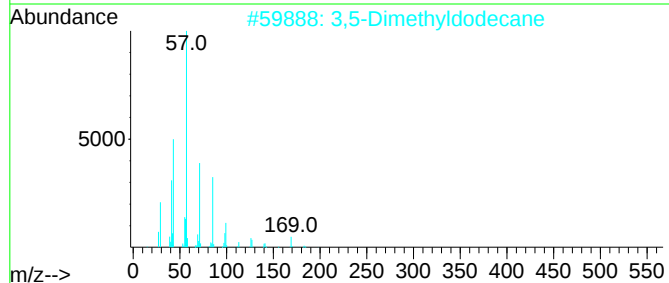
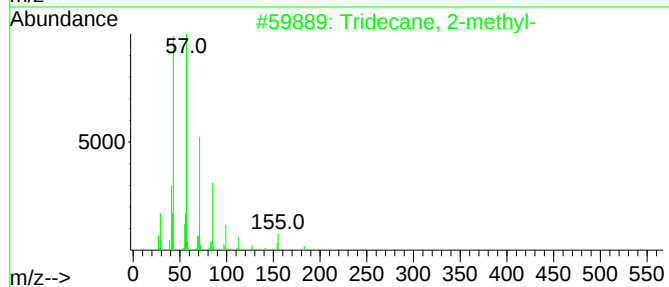
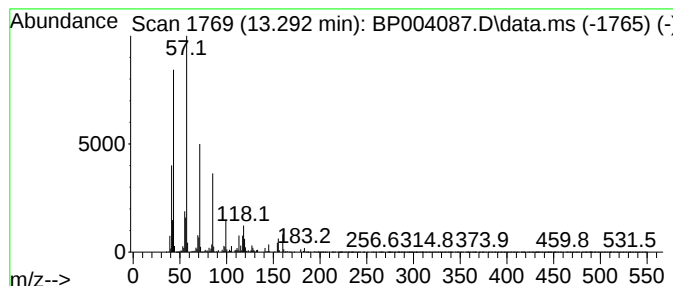
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Tridecane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	25.68 ng	1880860	Acenaphthene-d10	14.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2-methyl-	198	C14H30	001560-96-9	95
2			3,5-Dimethyldodecane	198	C14H30	107770-99-0	70
3			Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	62
4			Tridecane, 6-propyl-	226	C16H34	055045-10-8	58
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004087.D
Acq On : 24 Nov 2020 21:34
Operator : CG/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-01-112320

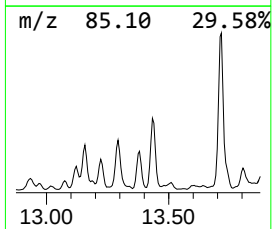
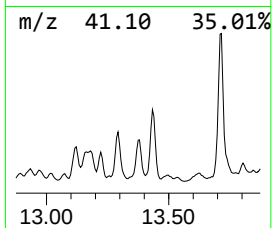
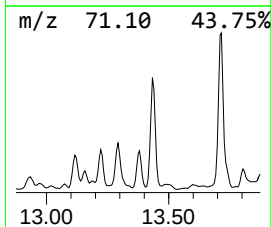
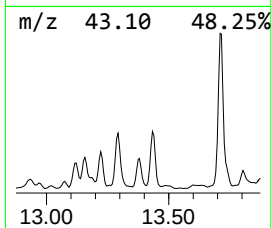
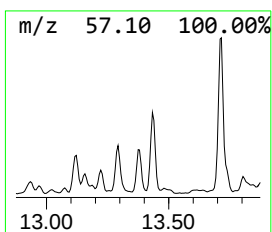
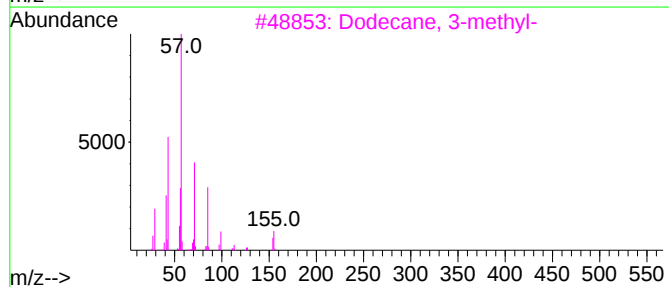
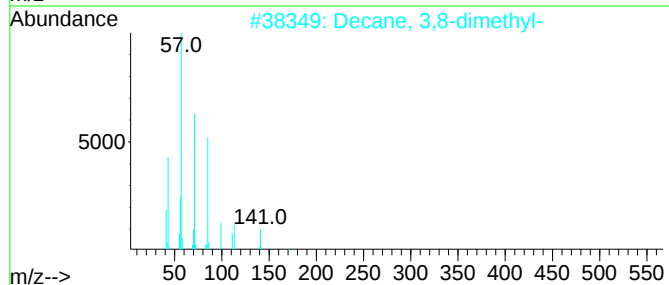
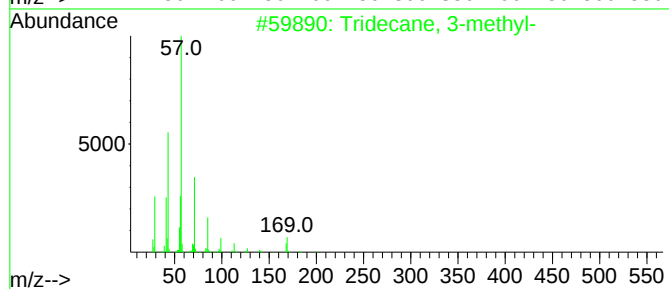
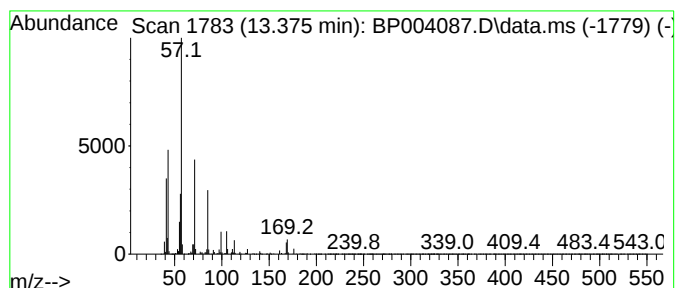
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Tridecane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.375	19.79 ng	1449890	Acenaphthene-d10	14.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 3-methyl-	198	C14H30	006418-41-3	96
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
3			Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
4			Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	64
5			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004087.D
Acq On : 24 Nov 2020 21:34
Operator : CG/JU
Sample : L4873-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-01-112320

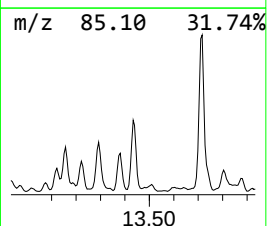
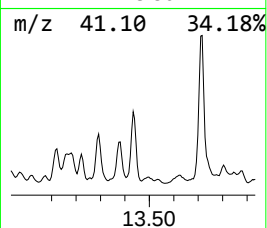
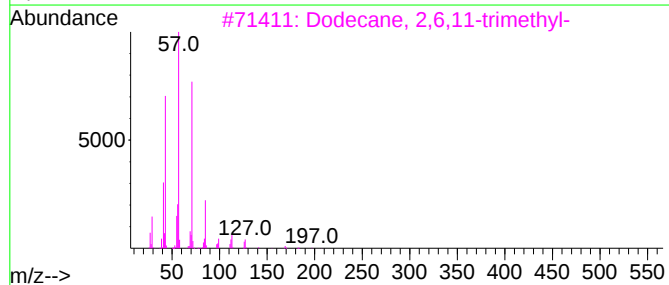
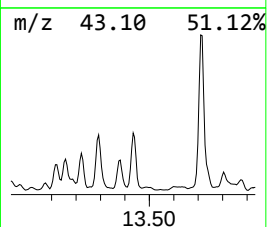
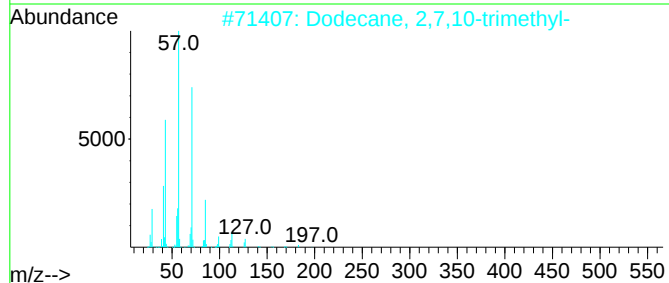
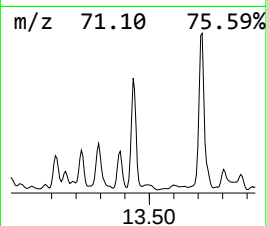
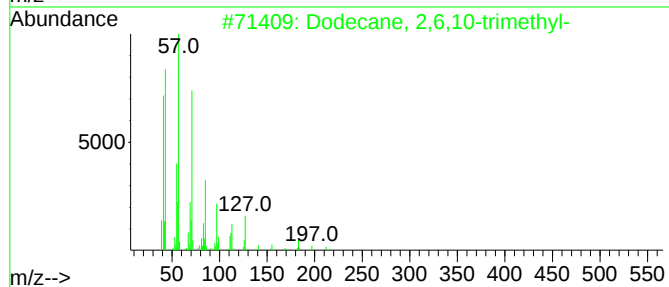
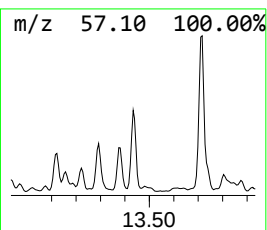
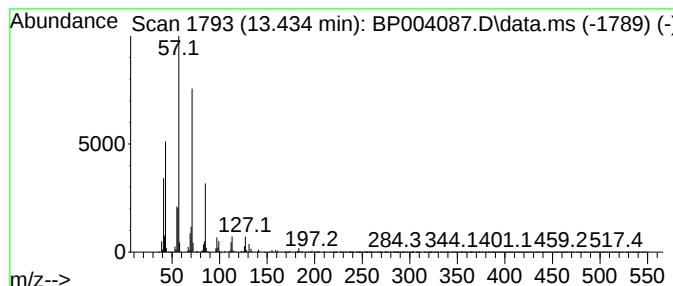
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Dodecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.434	38.89 ng	2848860	Acenaphthene-d10	14.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
4			Decane, 5-propyl-	184	C13H28	017312-62-8	72
5			Bacchotricuneatin c	342	C20H22O5	066563-30-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004087.D
Acq On : 24 Nov 2020 21:34
Operator : CG/JU
Sample : L4873-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-01-112320

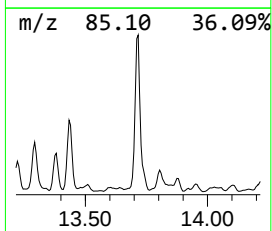
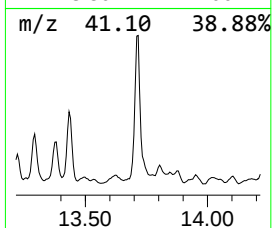
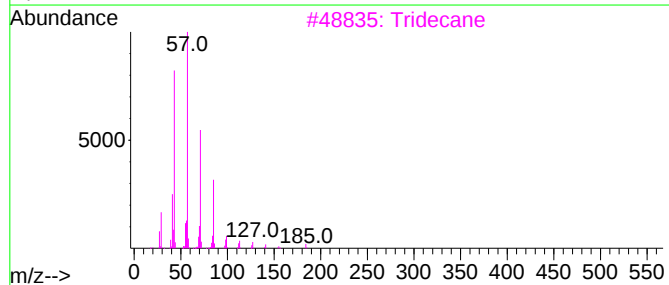
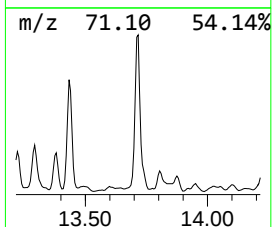
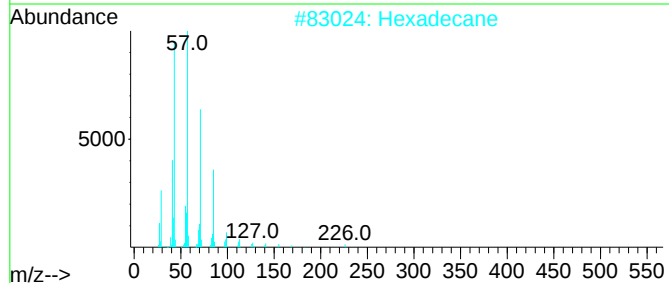
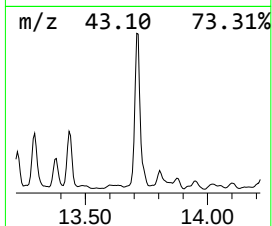
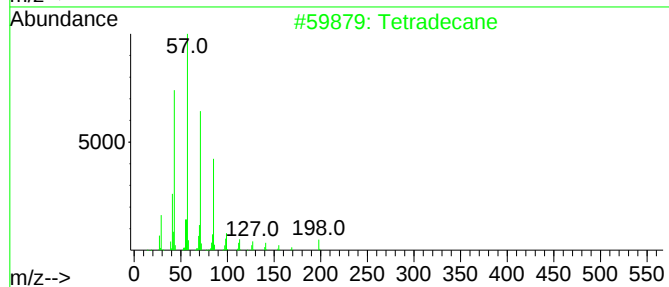
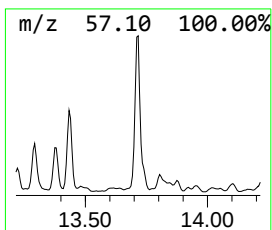
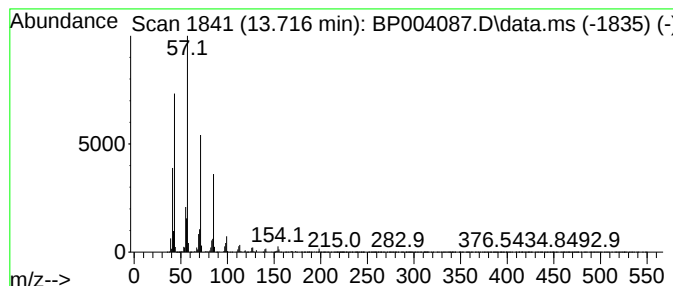
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.716	75.52 ng	5531400	Acenaphthene-d10	14.892

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	96
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tridecane	184	C13H28	000629-50-5	90
4		Undecane	156	C11H24	001120-21-4	90
5		Pentadecane	212	C15H32	000629-62-9	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
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Acq On : 24 Nov 2020 21:34
Operator : CG/JU
Sample : L4873-01 5X
Misc :
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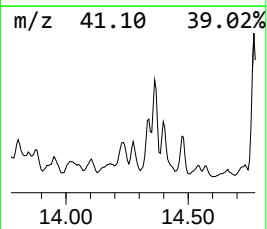
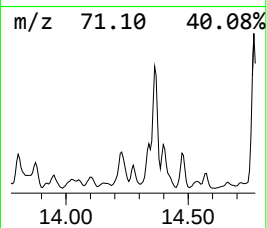
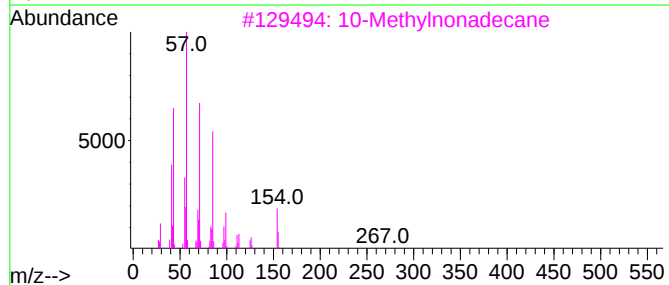
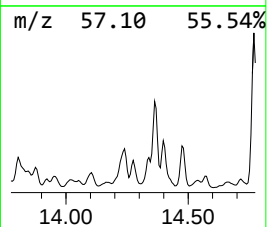
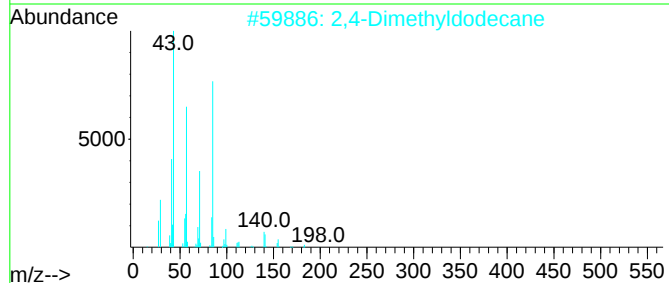
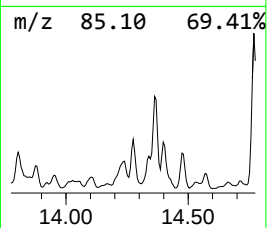
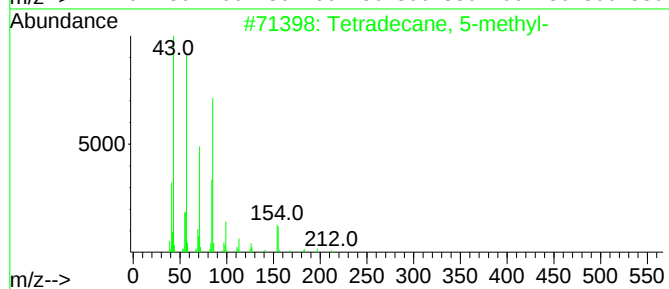
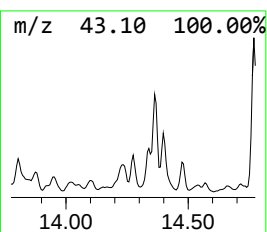
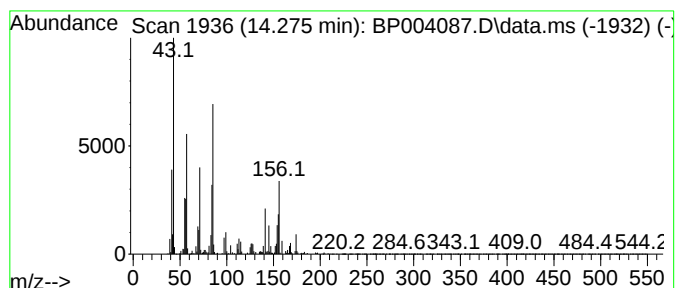
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Tetradecane, 5-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.275	11.02 ng	807083	Acenaphthene-d10	14.892	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 5-methyl-	212	C15H32	025117-32-2	50
2	2,4-Dimethyldodecane	198	C14H30	006117-99-3	43
3	10-Methylnonadecane	282	C20H42	056862-62-5	38
4	2,3-Dimethyldodecane	198	C14H30	006117-98-2	35
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004087.D
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Sample : L4873-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

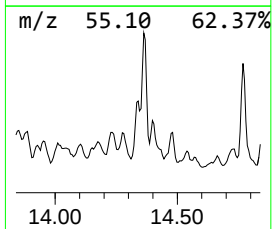
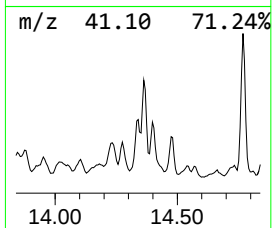
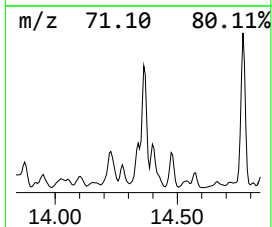
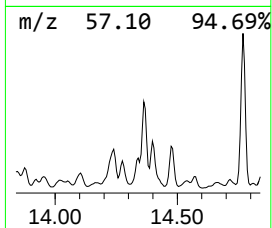
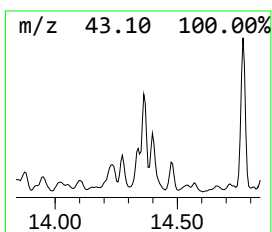
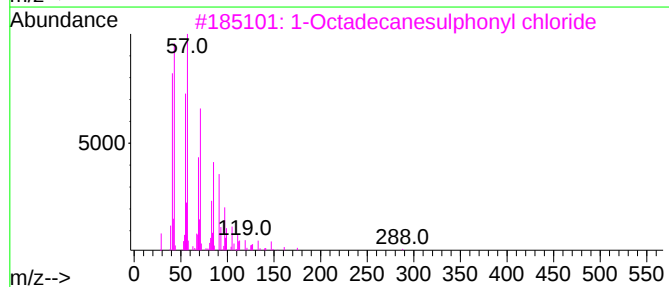
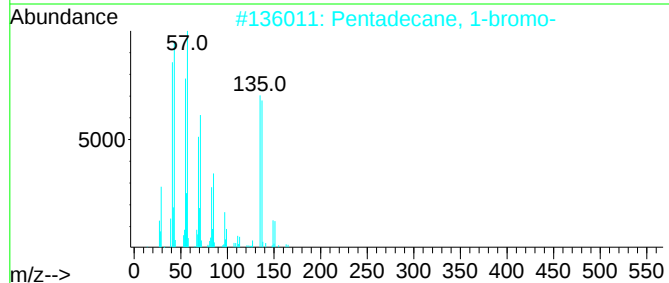
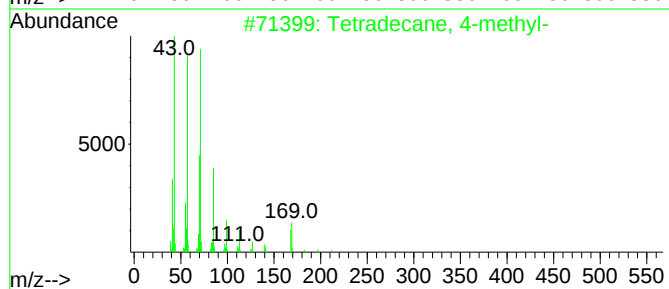
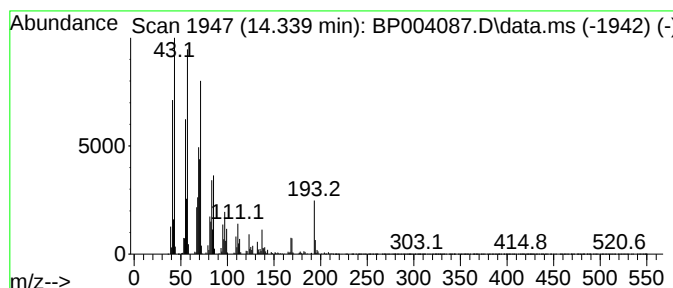
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Tetradecane, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.339	12.77 ng	935459	Acenaphthene-d10	14.892	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	91
2	Pentadecane, 1-bromo-	290	C15H31Br	000629-72-1	52
3	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	52
4	1-Bromoeicosane	360	C20H41Br	004276-49-7	52
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004087.D
Acq On : 24 Nov 2020 21:34
Operator : CG/JU
Sample : L4873-01 5X
Misc :
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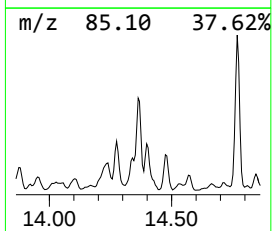
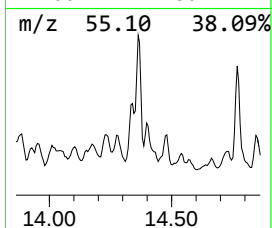
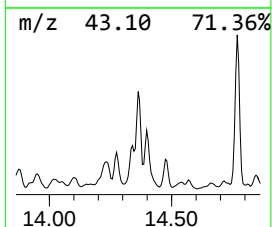
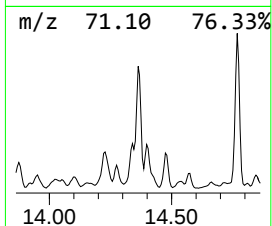
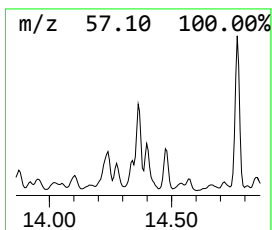
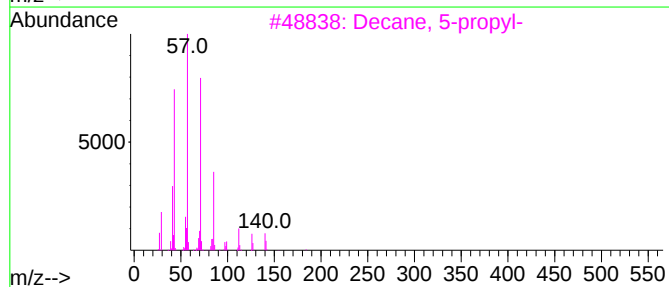
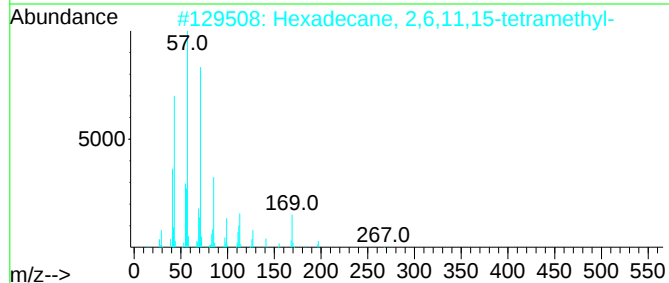
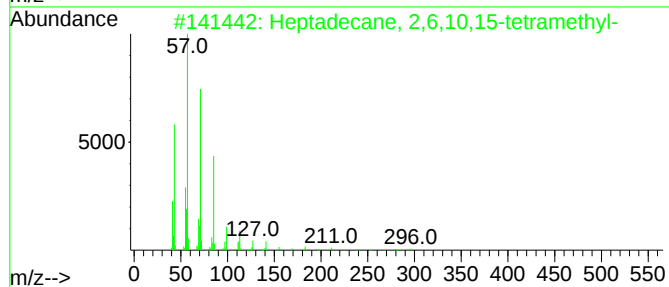
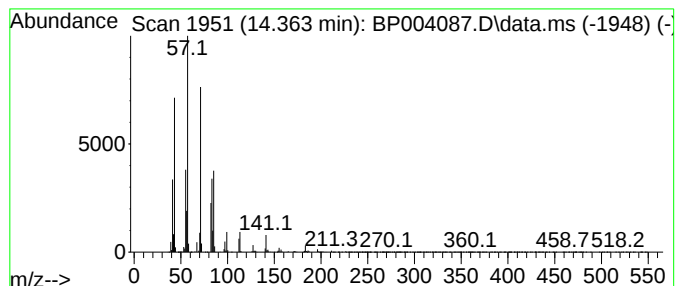
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Heptadecane, 2,6,10,15-tetr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.363	27.67 ng	2026850	Acenaphthene-d10	14.892	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64
3	Decane, 5-propyl-	184	C13H28	017312-62-8	62
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	59
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
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Operator : CG/JU
Sample : L4873-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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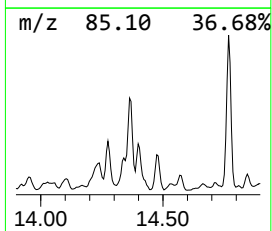
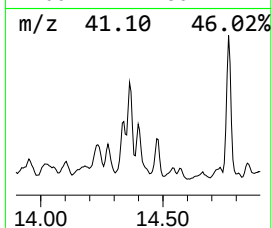
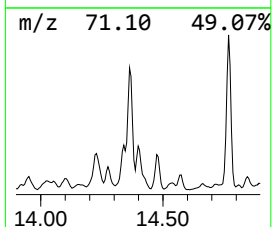
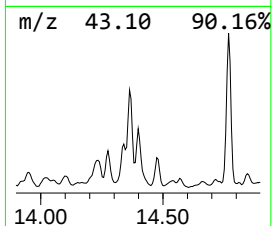
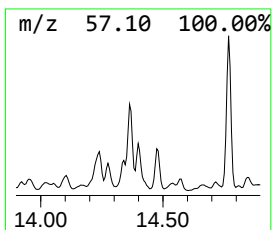
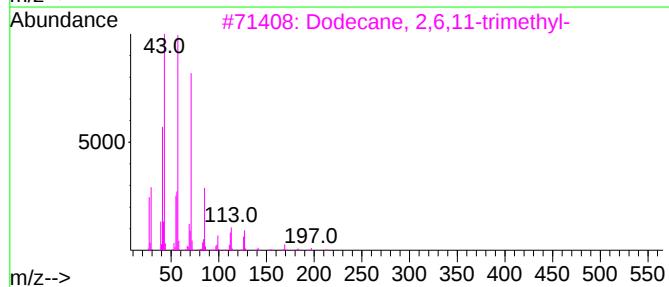
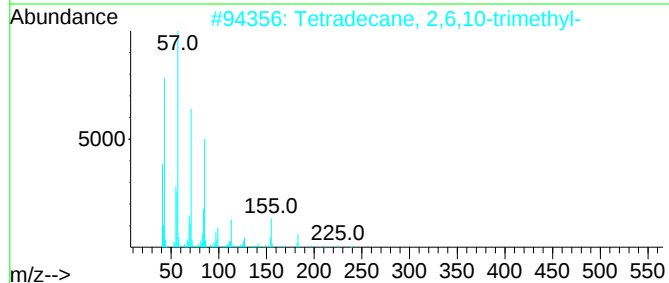
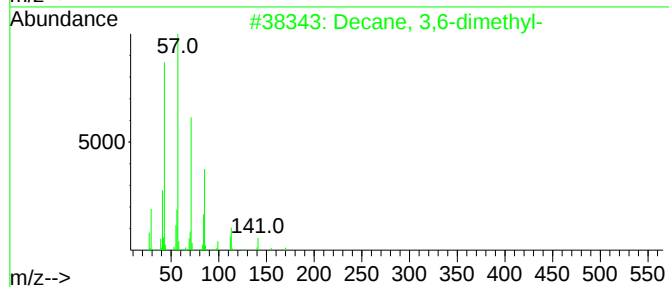
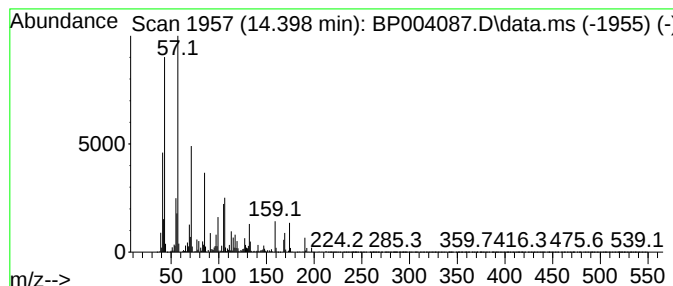
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown14.398

Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.398	15.77 ng	1155250	Acenaphthene-d10	14.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	49
2			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	46
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	46
4			3,5-Dimethyldodecane	198	C14H30	107770-99-0	46
5			Heptacosane	380	C27H56	000593-49-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004087.D
Acq On : 24 Nov 2020 21:34
Operator : CG/JU
Sample : L4873-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

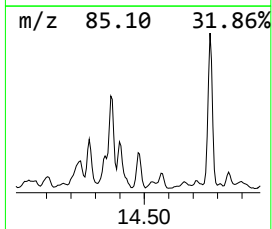
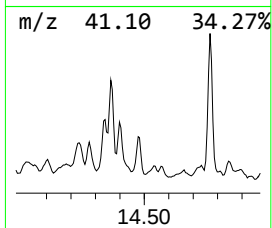
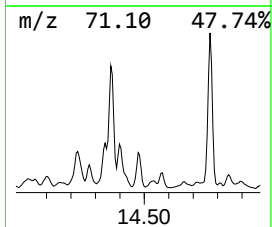
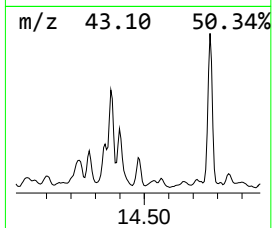
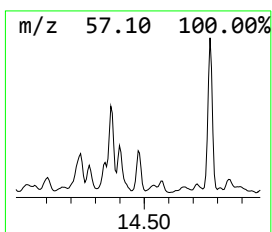
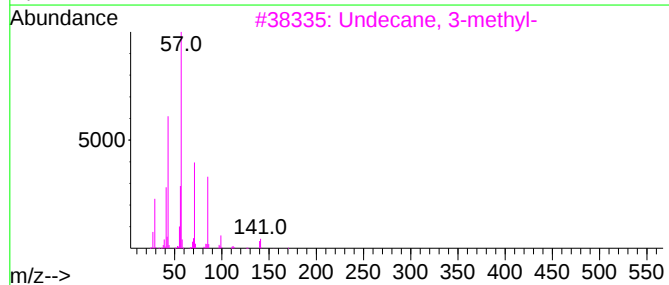
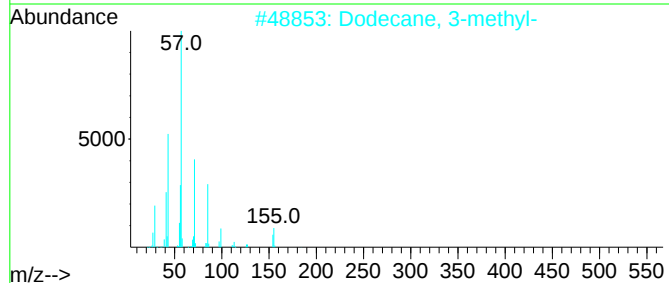
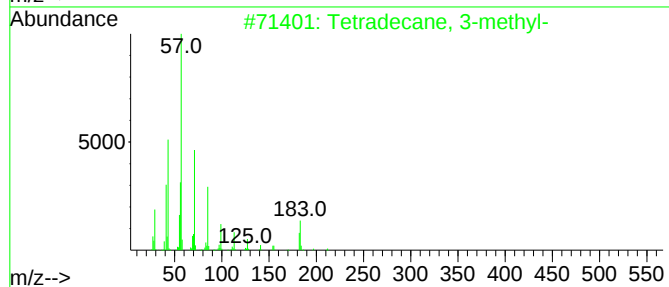
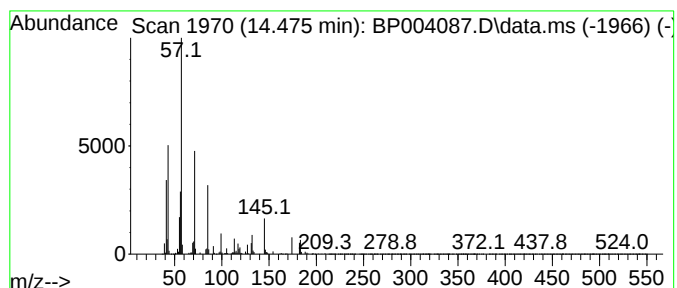
Instrument :
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ClientSampleId :
HR-01-112320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Tetradecane, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.475	12.36 ng	905221	Acenaphthene-d10		14.892	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetradecane, 3-methyl-		212	C15H32	018435-22-8	90
2	Dodecane, 3-methyl-		184	C13H28	017312-57-1	64
3	Undecane, 3-methyl-		170	C12H26	001002-43-3	64
4	3,5-Dimethyldodecane		198	C14H30	107770-99-0	59
5	Octane, 2,7-dimethyl-		142	C10H22	001072-16-8	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004087.D
Acq On : 24 Nov 2020 21:34
Operator : CG/JU
Sample : L4873-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

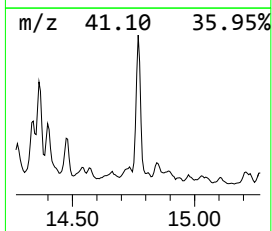
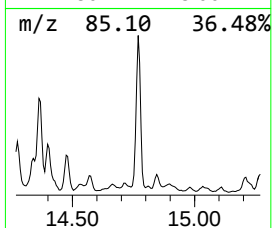
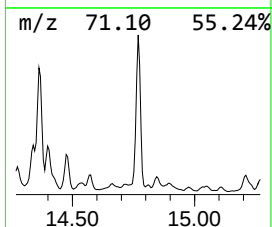
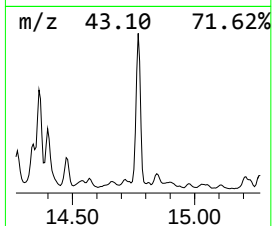
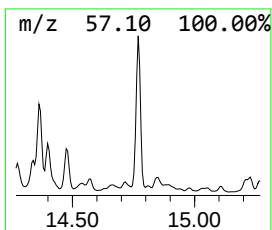
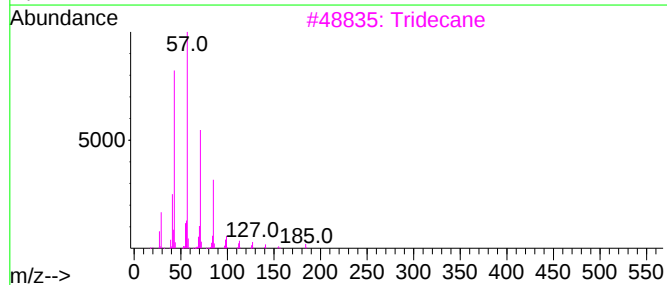
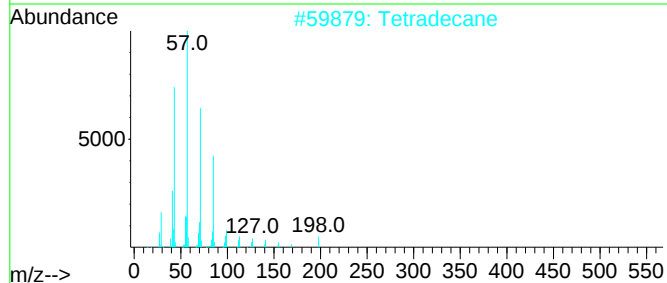
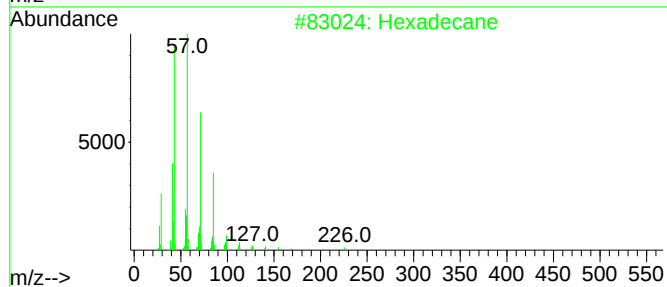
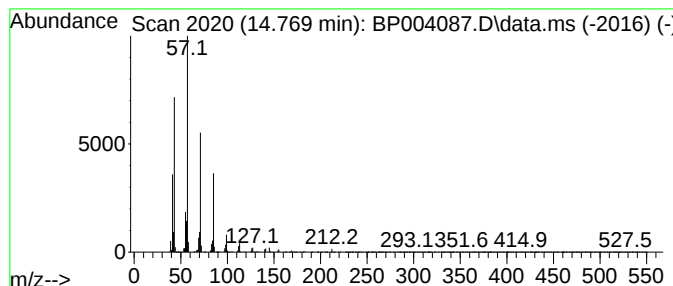
Instrument :
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ClientSampleId :
HR-01-112320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.769	31.99 ng	2343350	Acenaphthene-d10		14.892	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Tetradecane		198	C14H30	000629-59-4	90
3	Tridecane		184	C13H28	000629-50-5	86
4	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	80
5	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004087.D
Acq On : 24 Nov 2020 21:34
Operator : CG/JU
Sample : L4873-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

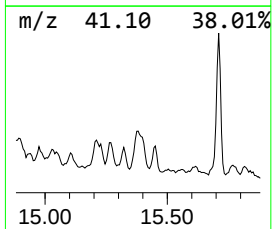
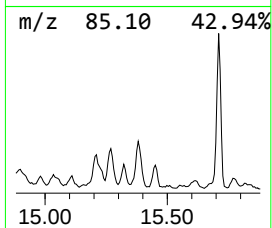
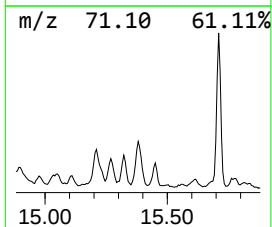
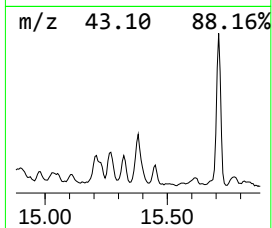
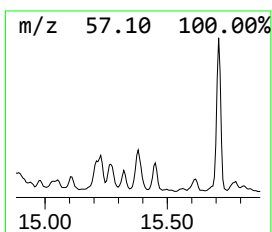
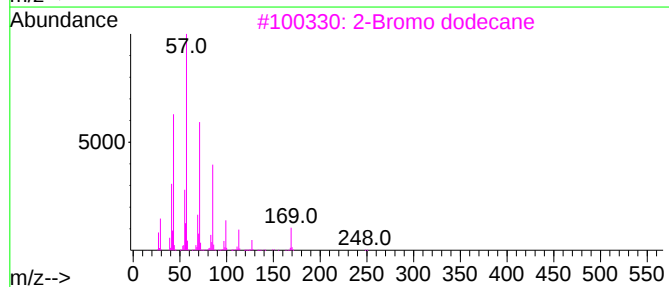
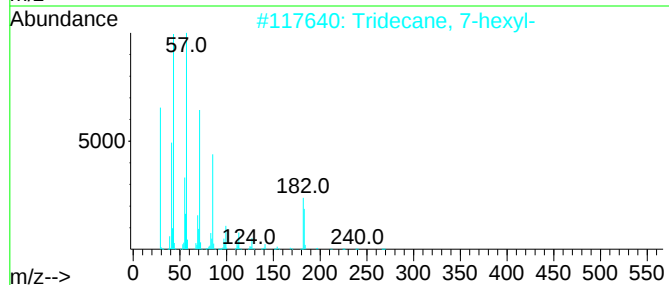
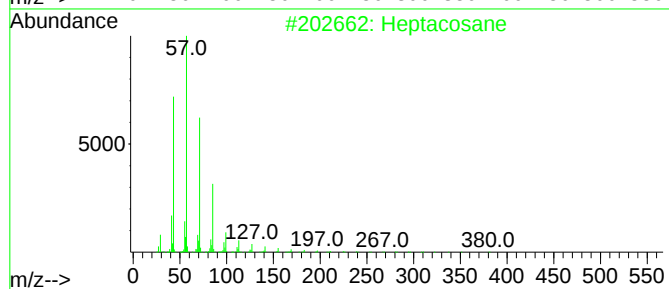
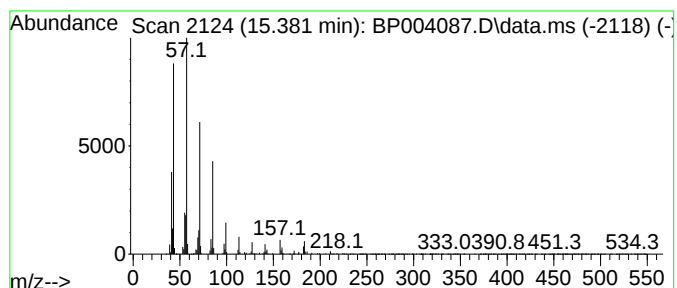
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Heptacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.381	9.94 ng	728349	Acenaphthene-d10	14.892	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	83
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	83
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	81
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004087.D
Acq On : 24 Nov 2020 21:34
Operator : CG/JU
Sample : L4873-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

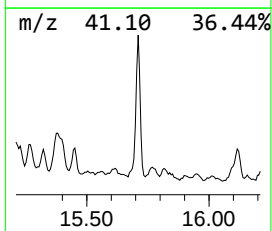
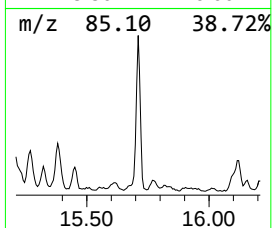
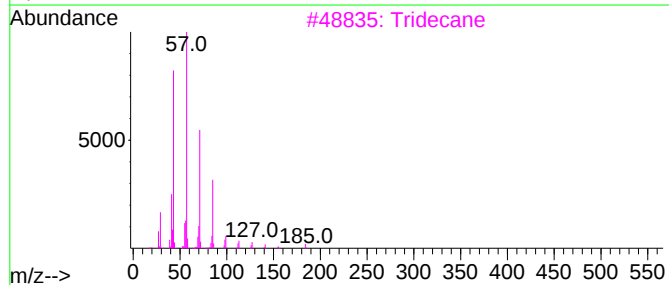
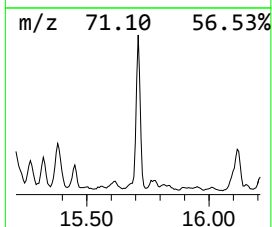
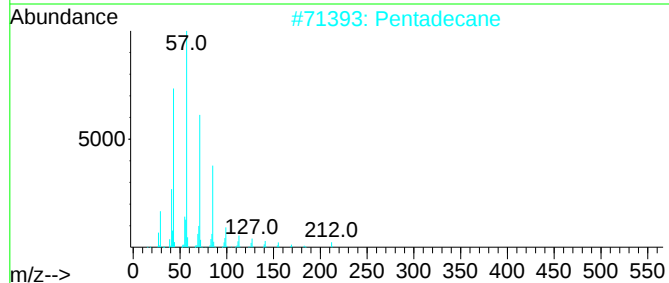
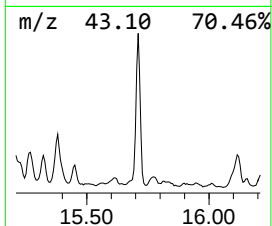
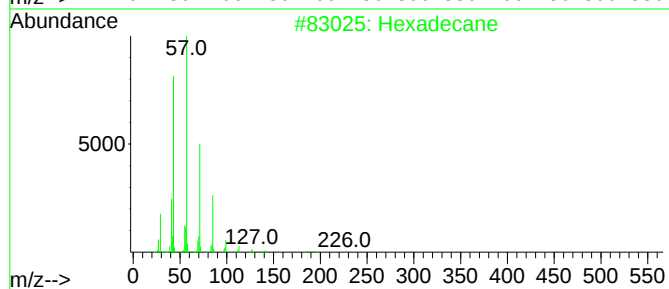
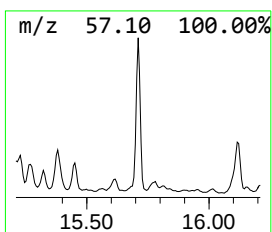
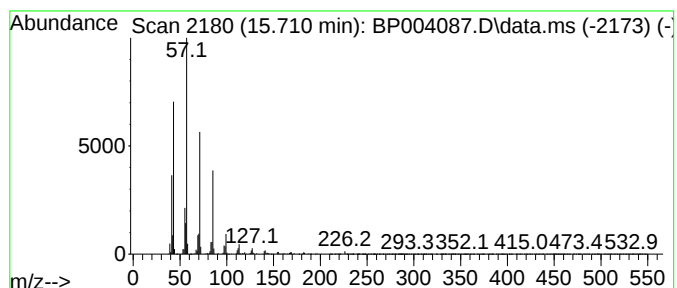
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.710	15.32 ng	1122110	Acenaphthene-d10		14.892	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	97
2	Pentadecane		212	C15H32	000629-62-9	95
3	Tridecane		184	C13H28	000629-50-5	90
4	Tetradecane		198	C14H30	000629-59-4	90
5	Heneicosane		296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004087.D
Acq On : 24 Nov 2020 21:34
Operator : CG/JU
Sample : L4873-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-01-112320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Nonane	6.246	12.0	ng	1671950	1	8.269	2792850	20.0
Decane	7.904	51.2	ng	7151930	1	8.269	2792850	20.0
Cyclohexane, bu...	8.581	10.4	ng	1457490	1	8.269	2792850	20.0
Decane, 5-methyl-	8.828	18.5	ng	2582320	1	8.269	2792850	20.0
Decane, 2-methyl-	8.951	12.4	ng	1736990	1	8.269	2792850	20.0
Undecane	9.528	70.1	ng	9792630	1	8.269	2792850	20.0
Tridecane	12.498	16.3	ng	7136380	2	11.098	8739890	20.0
Tridecane, 6-me...	13.122	17.0	ng	1247550	3	14.892	1464940	20.0
Tridecane, 2-me...	13.292	25.7	ng	1880860	3	14.892	1464940	20.0
Tridecane, 3-me...	13.375	19.8	ng	1449890	3	14.892	1464940	20.0
Dodecane, 2,6,1...	13.434	38.9	ng	2848860	3	14.892	1464940	20.0
Tetradecane	13.716	75.5	ng	5531400	3	14.892	1464940	20.0
Tetradecane, 5-...	14.275	11.0	ng	807083	3	14.892	1464940	20.0
Tetradecane, 4-...	14.339	12.8	ng	935459	3	14.892	1464940	20.0
Heptadecane, 2,...	14.363	27.7	ng	2026850	3	14.892	1464940	20.0
unknown14.398	14.398	15.8	ng	1155250	3	14.892	1464940	20.0
Tetradecane, 3-...	14.475	12.4	ng	905221	3	14.892	1464940	20.0
Hexadecane	14.769	32.0	ng	2343350	3	14.892	1464940	20.0
Heptacosane	15.381	9.9	ng	728349	3	14.892	1464940	20.0
Pentadecane	15.710	15.3	ng	1122110	3	14.892	1464940	20.0