

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
 Data File : BP004086.D
 Acq On : 24 Nov 2020 20:59
 Operator : CG/JU
 Sample : L4872-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SU-04-112320

Integration Parameters: rteint.p

Integrator: RTE

Smoother: 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: BP004086.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	23	rVB	1191438	1535774	34.23%	2.041%
2	5.804	485	496	500	rBV2	303405	512902	11.43%	0.682%
3	6.246	565	571	581	rVB2	509134	799487	17.82%	1.062%
4	6.516	609	617	624	rBV4	107709	241689	5.39%	0.321%
5	6.810	662	667	672	rBV	181564	265653	5.92%	0.353%
6	6.893	672	681	685	rVV3	192191	404609	9.02%	0.538%
7	7.228	732	738	740	rBV2	153599	252672	5.63%	0.336%
8	7.257	740	743	748	rVV	281091	406474	9.06%	0.540%
9	7.316	748	753	756	rVV	298699	473263	10.55%	0.629%
10	7.346	756	758	764	rVV2	195908	333177	7.43%	0.443%
11	7.428	764	772	775	rVV3	387101	921396	20.54%	1.224%
12	7.481	779	781	787	rVB	221125	304717	6.79%	0.405%
13	7.657	806	811	815	rBV	193606	284716	6.35%	0.378%
14	7.904	847	853	861	rVB2	1896731	3246592	72.37%	4.315%
15	8.116	882	889	896	rBV5	93815	266864	5.95%	0.355%
16	8.181	896	900	902	rBV2	133684	204446	4.56%	0.272%
17	8.263	909	914	920	rVB	1026583	1606276	35.81%	2.135%
18	8.357	925	930	934	rVV3	172634	298638	6.66%	0.397%
19	8.398	934	937	946	rVB3	203938	349827	7.80%	0.465%
20	8.481	946	951	955	rVB3	248672	365053	8.14%	0.485%
21	8.545	955	962	964	rBV	163893	281307	6.27%	0.374%
22	8.581	964	968	974	rVB2	386184	652986	14.56%	0.868%
23	8.645	974	979	986	rVB5	133211	316691	7.06%	0.421%
24	8.728	986	993	998	rBV4	117963	277397	6.18%	0.369%
25	8.822	1003	1009	1014	rVV2	623706	1058510	23.60%	1.407%
26	8.881	1015	1019	1022	rVV	373291	504771	11.25%	0.671%
27	8.922	1022	1026	1028	rVV2	380363	538550	12.00%	0.716%
28	8.951	1028	1031	1035	rVB	534826	695450	15.50%	0.924%
29	9.057	1043	1049	1053	rBV	610106	960557	21.41%	1.277%
30	9.093	1053	1055	1058	rVV	175339	230182	5.13%	0.306%
31	9.128	1058	1061	1066	rVB	206456	312767	6.97%	0.416%
32	9.293	1085	1089	1098	rVB	256130	486553	10.85%	0.647%
33	9.404	1098	1108	1118	rBV3	533317	1822916	40.63%	2.423%
34	9.522	1120	1128	1134	rVB	2797560	4486132	100.00%	5.962%
35	9.622	1140	1145	1147	rBV3	300753	484655	10.80%	0.644%
36	9.740	1160	1165	1166	rBV2	178192	259265	5.78%	0.345%

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Integrator: RTE

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

37	9.781	1169	1172	1178	rVB6	367940	637992	14.22%	0.848%
38	9.875	1178	1188	1193	rBV8	196191	571881	12.75%	0.760%
39	9.945	1193	1200	1204	rBV2	312675	624520	13.92%	0.830%
40	9.987	1204	1207	1210	rBV	170038	218343	4.87%	0.290%
41	10.028	1210	1214	1218	rVB2	329562	459298	10.24%	0.610%
42	10.063	1218	1220	1232	rVB3	157532	315724	7.04%	0.420%
43	10.181	1233	1240	1244	rBV5	224035	534903	11.92%	0.711%
44	10.234	1244	1249	1254	rVB2	483249	786988	17.54%	1.046%
45	10.292	1254	1259	1265	rBV3	504434	886032	19.75%	1.177%
46	10.357	1265	1270	1271	rBV2	376768	516067	11.50%	0.686%
47	10.445	1280	1285	1290	rBV	581888	843795	18.81%	1.121%
48	10.522	1290	1298	1302	rBV4	786219	1628014	36.29%	2.164%
49	10.628	1310	1316	1322	rBV2	519008	944220	21.05%	1.255%
50	10.681	1322	1325	1329	rVV2	191393	330558	7.37%	0.439%
51	10.734	1330	1334	1341	rVB	332638	590918	13.17%	0.785%
52	10.804	1341	1346	1350	rBV	137731	282502	6.30%	0.375%
53	10.892	1356	1361	1367	rBV5	114228	230883	5.15%	0.307%
54	10.998	1376	1379	1386	rVV3	152120	296037	6.60%	0.393%
55	11.075	1386	1392	1400	rVB2	2098768	4172858	93.02%	5.546%
56	11.222	1413	1417	1419	rBV3	146601	226801	5.06%	0.301%
57	11.263	1419	1424	1430	rVB	1007901	1621904	36.15%	2.155%
58	11.328	1430	1435	1441	rBV6	260707	542695	12.10%	0.721%
59	11.387	1442	1445	1456	rVB6	162735	342541	7.64%	0.455%
60	11.481	1456	1461	1467	rBV5	170445	419425	9.35%	0.557%
61	11.569	1472	1476	1481	rBV3	199769	337899	7.53%	0.449%
62	11.681	1488	1495	1501	rVB7	141866	299026	6.67%	0.397%
63	11.804	1511	1516	1522	rVV4	524180	1118245	24.93%	1.486%
64	11.857	1522	1525	1533	rVB3	240957	437587	9.75%	0.582%
65	11.934	1533	1538	1544	rVB5	508454	842058	18.77%	1.119%
66	12.004	1544	1550	1562	rBV5	643698	1412159	31.48%	1.877%
67	12.110	1562	1568	1573	rVV2	912211	1655805	36.91%	2.200%
68	12.151	1573	1575	1580	rVV3	186090	286329	6.38%	0.381%
69	12.204	1580	1584	1590	rVB2	243120	393536	8.77%	0.523%
70	12.281	1591	1597	1604	rBV2	474298	865655	19.30%	1.150%
71	12.492	1627	1633	1645	rBV	1826179	2939151	65.52%	3.906%
72	12.634	1650	1657	1661	rVV4	405786	875624	19.52%	1.164%
73	12.710	1665	1670	1678	rVB4	394544	901667	20.10%	1.198%
74	12.981	1711	1716	1721	rBV3	291188	462002	10.30%	0.614%
75	13.116	1735	1739	1743	rBV	319359	501536	11.18%	0.667%
76	13.222	1753	1757	1760	rBV	194034	233770	5.21%	0.311%

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77	13.286	1765	1768	1777	rVB2	505466	721808	16.09%	0.959%
78	13.375	1778	1783	1789	rBV3	342547	626520	13.97%	0.833%
79	13.433	1789	1793	1799	rVV2	777115	1129769	25.18%	1.501%
80	13.510	1801	1806	1813	rVB	399959	662841	14.78%	0.881%
81	13.710	1834	1840	1848	rBV	1430522	2227908	49.66%	2.961%
82	13.804	1853	1856	1858	rVV	179642	257501	5.74%	0.342%
83	13.839	1859	1862	1866	rVV	273865	448068	9.99%	0.595%
84	13.881	1866	1869	1873	rVB4	138423	211256	4.71%	0.281%
85	14.228	1924	1928	1932	rBV4	120867	213472	4.76%	0.284%
86	14.269	1932	1935	1940	rVB3	203170	303045	6.76%	0.403%
87	14.333	1941	1946	1948	rBV3	284966	410553	9.15%	0.546%
88	14.363	1948	1951	1954	rVV	582497	730130	16.28%	0.970%
89	14.398	1954	1957	1964	rVV2	327702	455875	10.16%	0.606%
90	14.475	1966	1970	1974	rVB2	247330	341369	7.61%	0.454%
91	14.769	2016	2020	2025	rVB	750648	911155	20.31%	1.211%
92	14.892	2036	2041	2047	rVB	827469	1255994	28.00%	1.669%
93	15.710	2176	2180	2186	rVB	335764	416065	9.27%	0.553%
94	16.374	2289	2293	2307	rBV	238012	378505	8.44%	0.503%
95	16.563	2321	2325	2328	rBV	203597	258695	5.77%	0.344%
96	17.621	2499	2505	2510	rBV	924970	1389301	30.97%	1.846%
97	20.115	2925	2929	2935	rBV	624211	802065	17.88%	1.066%
98	21.310	3129	3132	3140	rVB2	151634	247761	5.52%	0.329%
99	21.657	3187	3191	3196	rVB	1063212	1356385	30.24%	1.803%
100	24.133	3606	3612	3623	rVB	696058	1461005	32.57%	1.942%

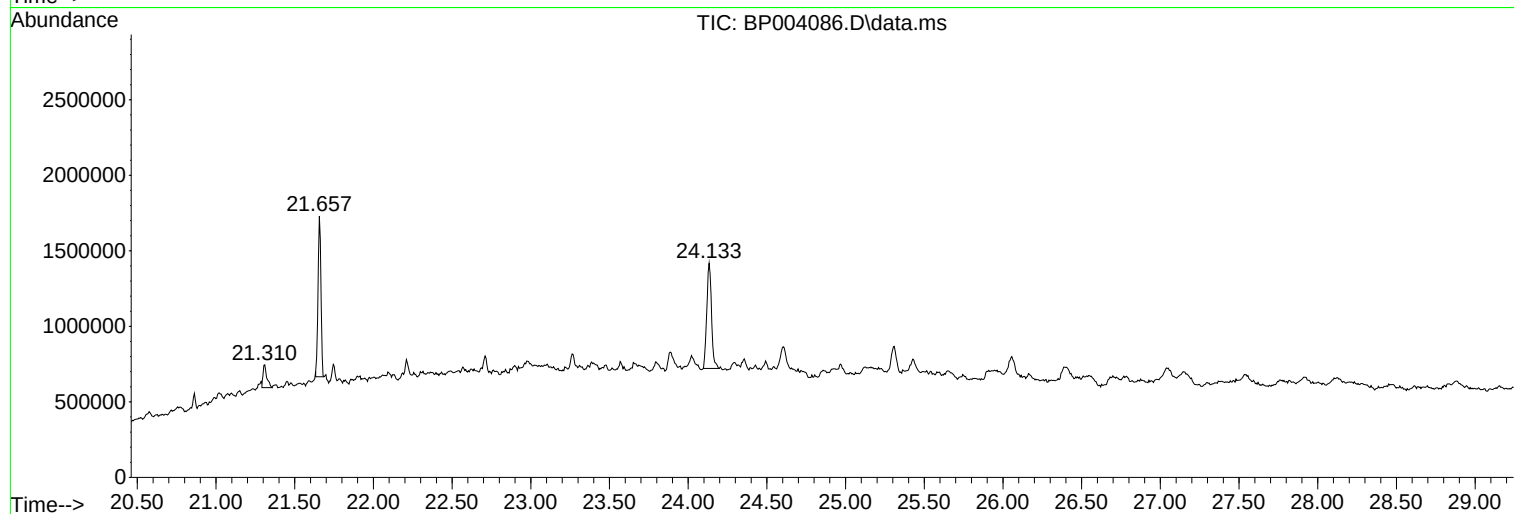
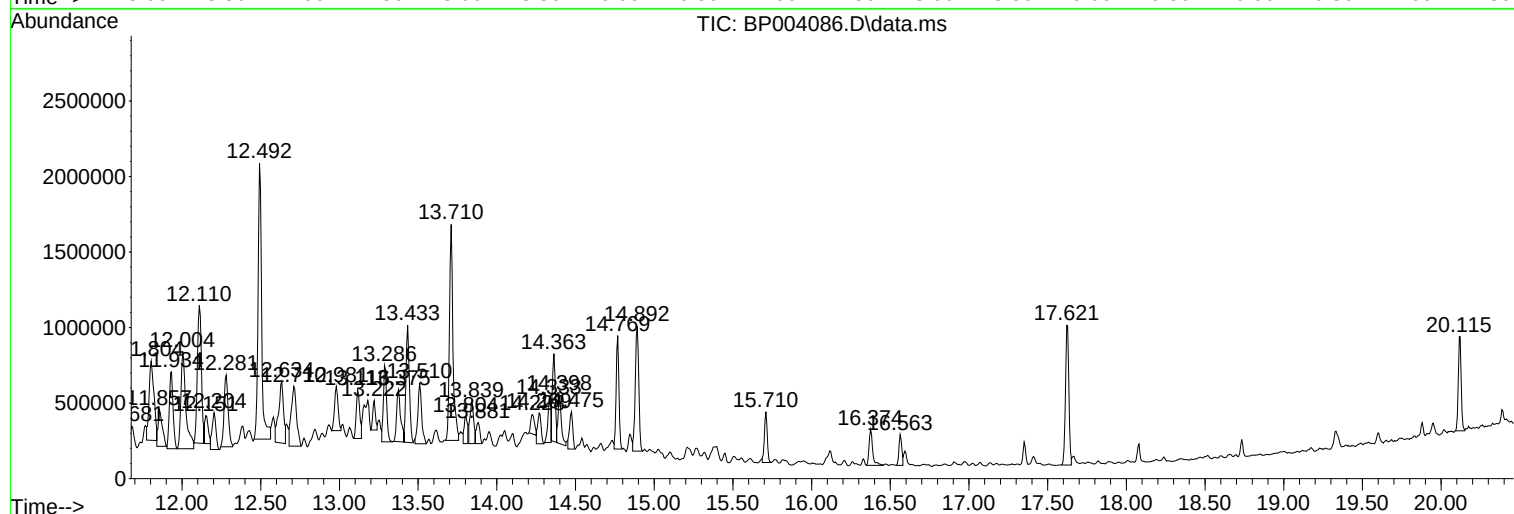
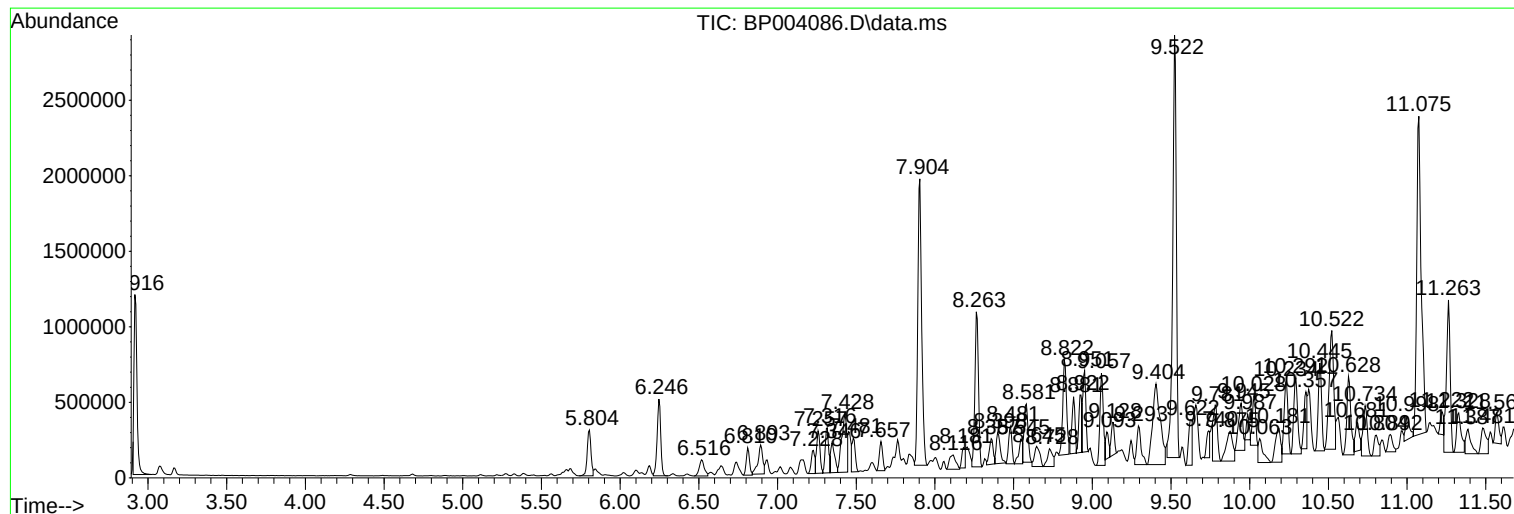
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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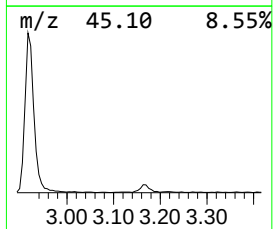
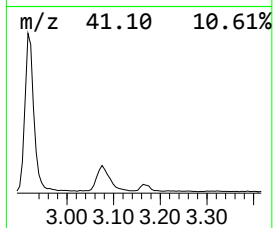
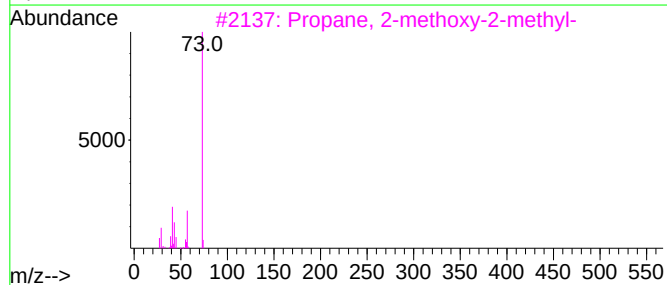
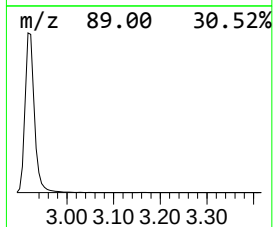
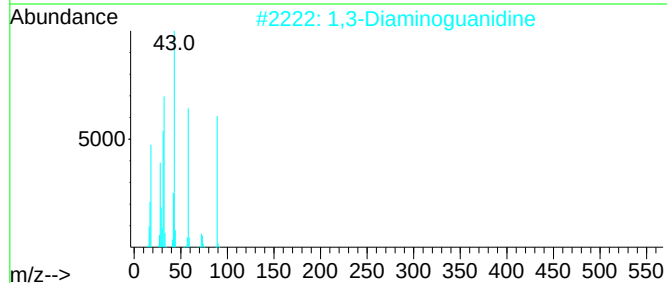
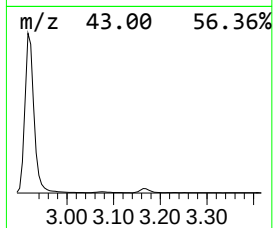
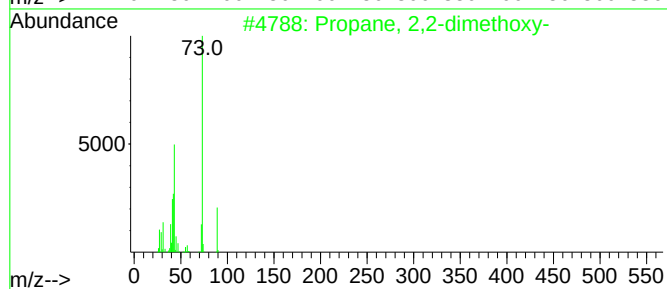
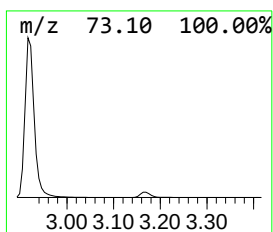
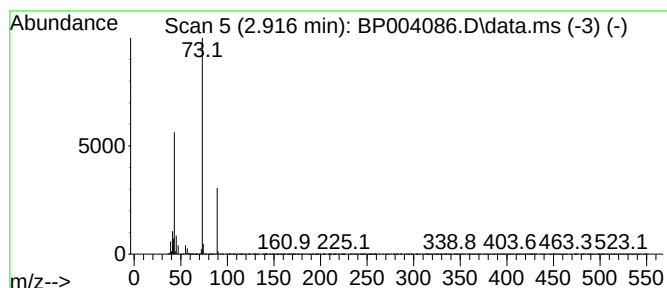
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown2.916 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
2.916	19.12 ng	1535770	1,4-Dichlorobenzene-d4	8.269	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	39
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9



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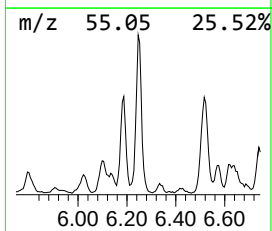
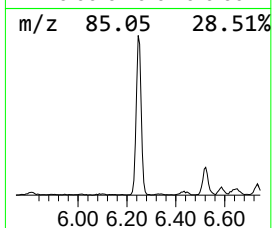
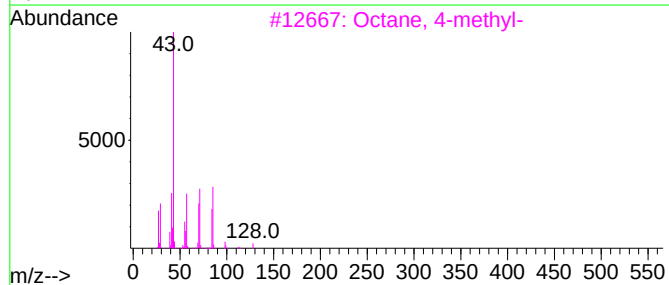
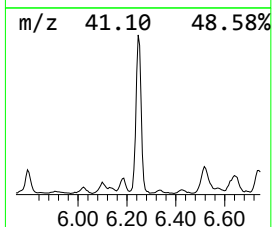
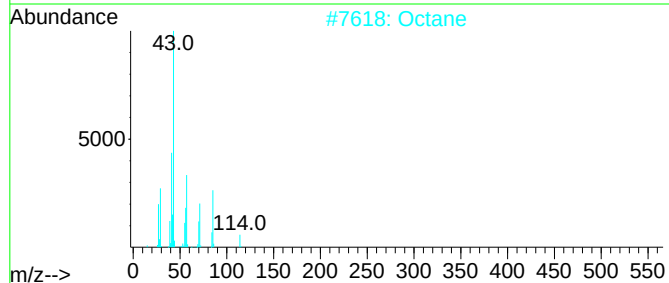
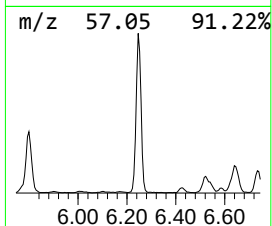
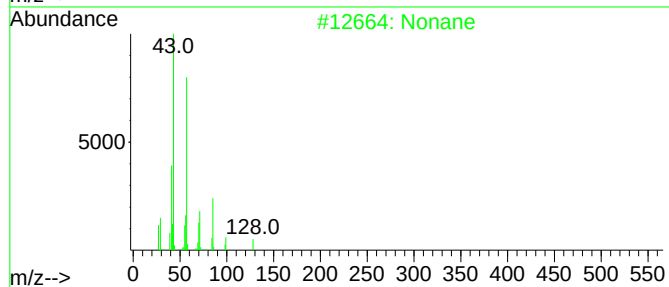
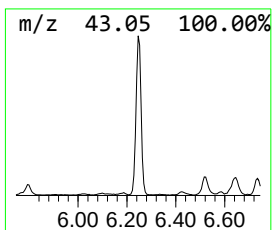
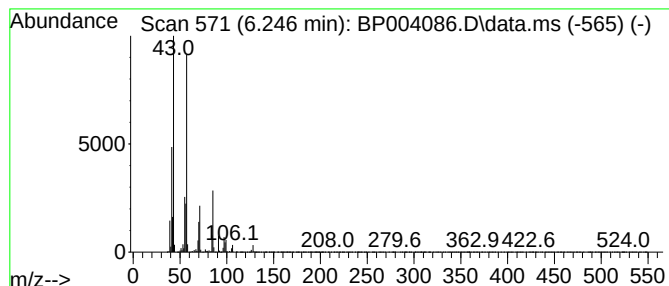
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Nonane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.246	9.95 ng	799487	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			Octane, 4-methyl-	128	C9H20	002216-34-4	58
4			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	58
5			Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	53



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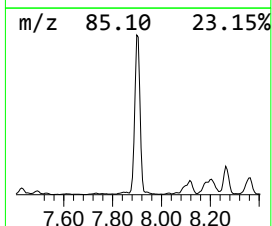
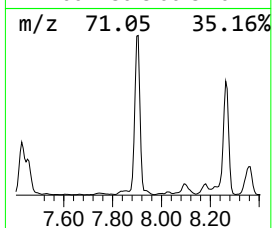
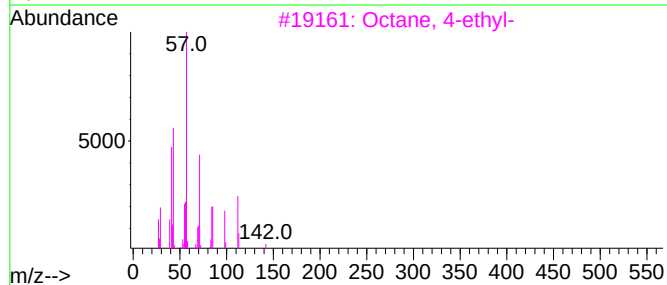
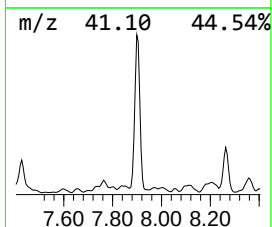
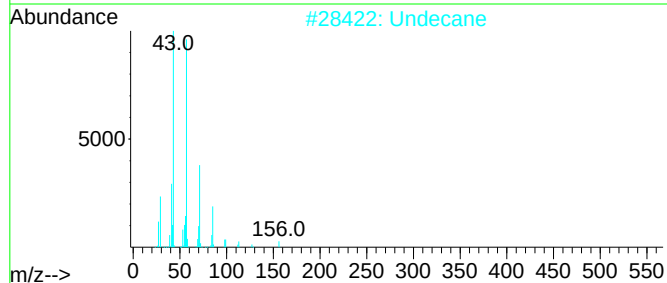
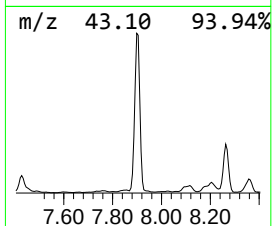
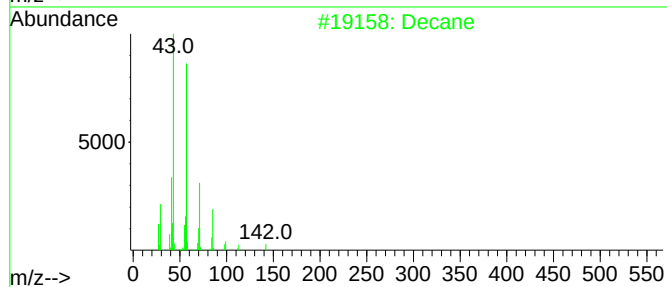
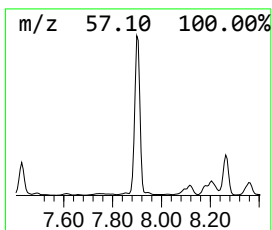
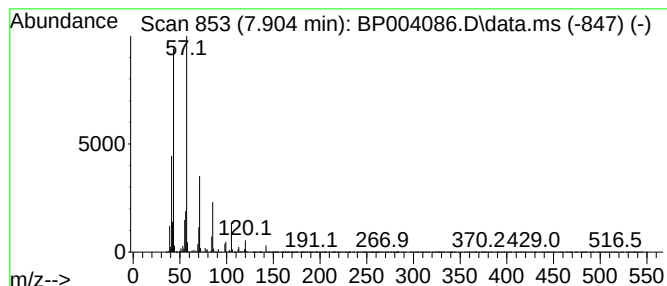
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Decane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.904	40.42 ng	3246590	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			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004086.D
Acq On : 24 Nov 2020 20:59
Operator : CG/JU
Sample : L4872-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-04-112320

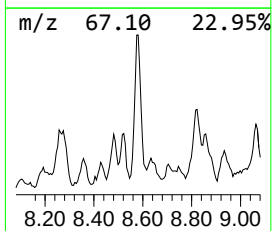
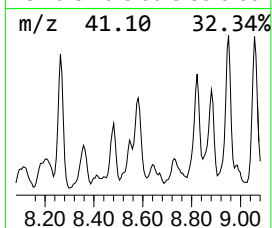
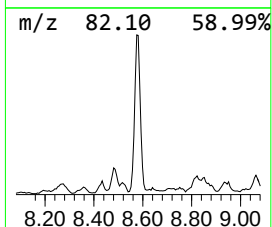
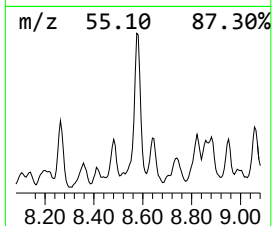
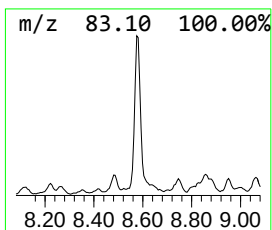
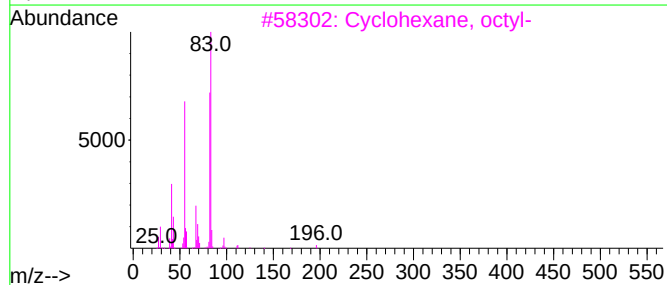
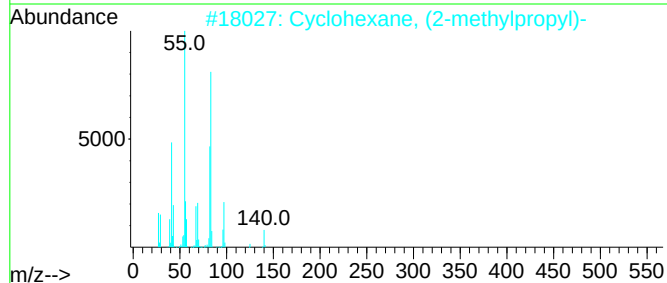
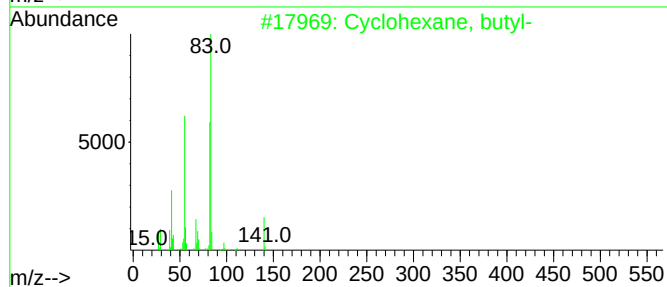
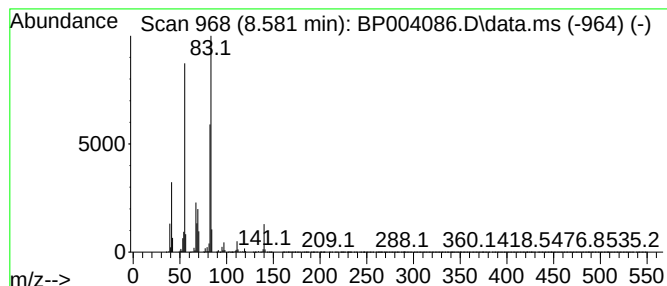
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclohexane, butyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.581	8.13 ng	652986	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	80
3			Cyclohexane, octyl-	196	C14H28	001795-15-9	72
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
5			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004086.D
Acq On : 24 Nov 2020 20:59
Operator : CG/JU
Sample : L4872-01 5X
Misc :
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ClientSampleId :
SU-04-112320

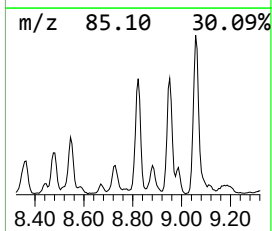
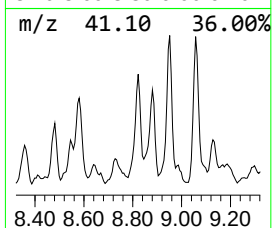
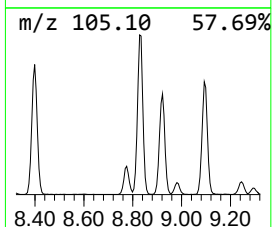
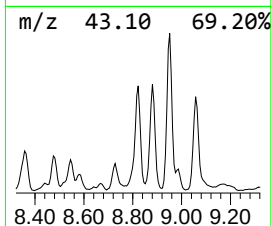
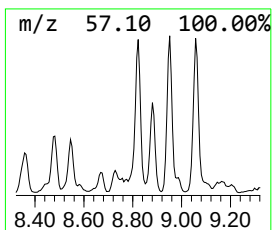
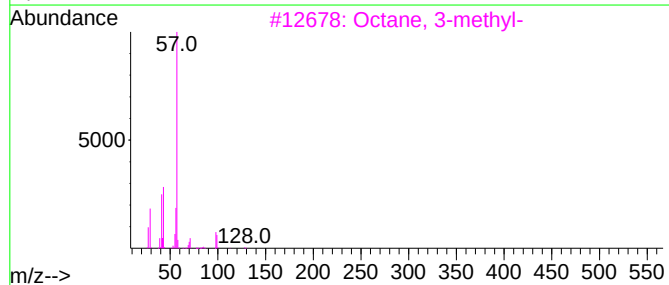
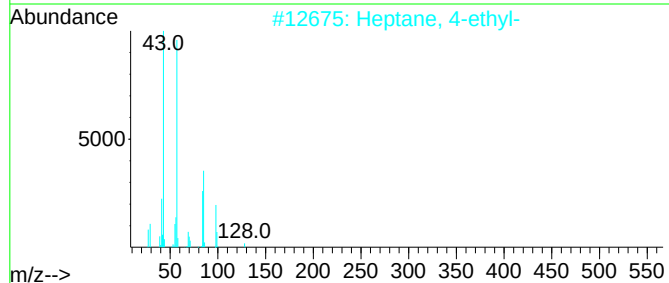
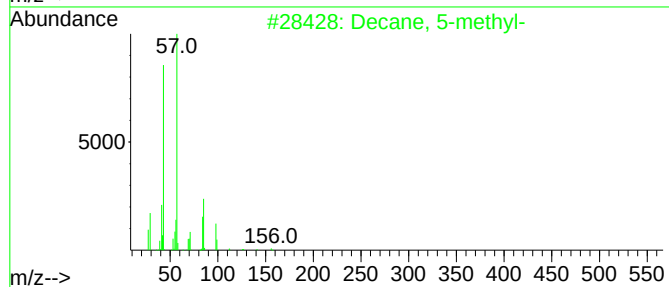
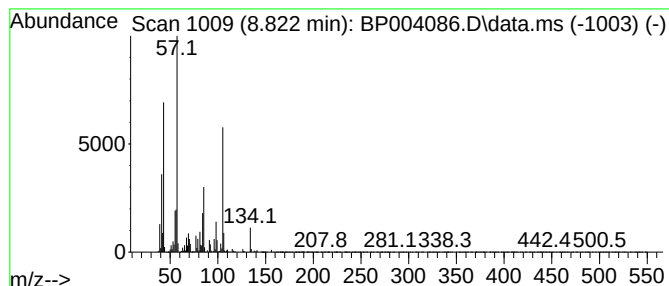
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Decane, 5-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.822	13.18 ng	1058510	1,4-Dichlorobenzene-d4	8.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5-methyl-	156	C11H24	013151-35-4	70
2			Heptane, 4-ethyl-	128	C9H20	002216-32-2	35
3			Octane, 3-methyl-	128	C9H20	002216-33-3	35
4			Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	35
5			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004086.D
Acq On : 24 Nov 2020 20:59
Operator : CG/JU
Sample : L4872-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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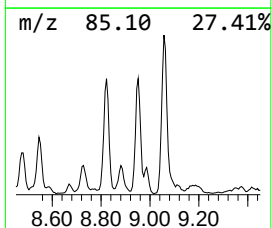
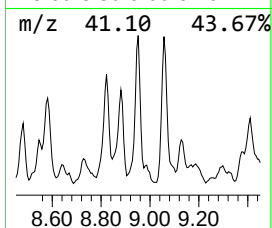
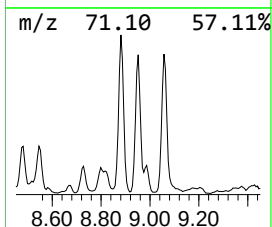
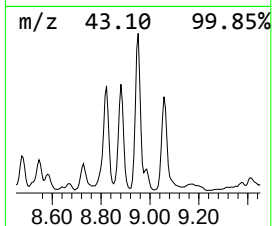
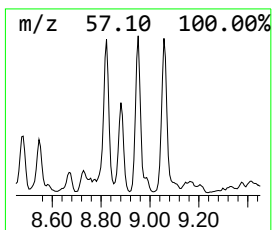
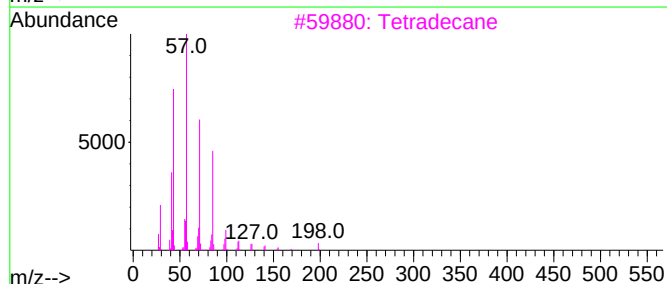
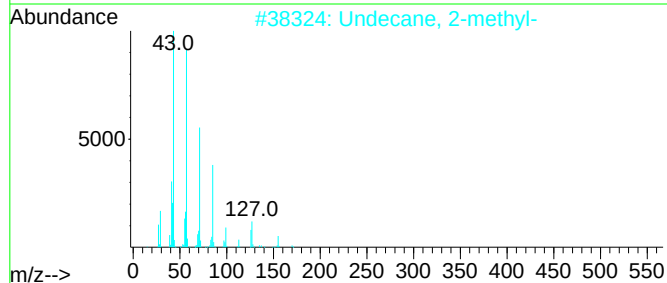
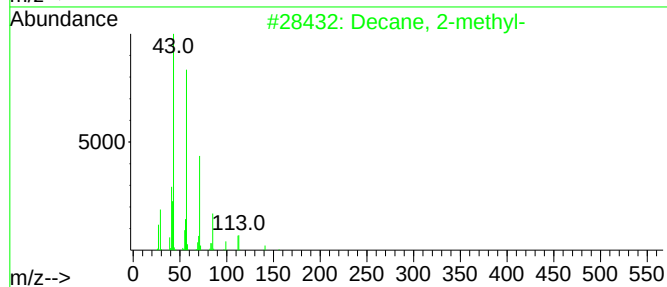
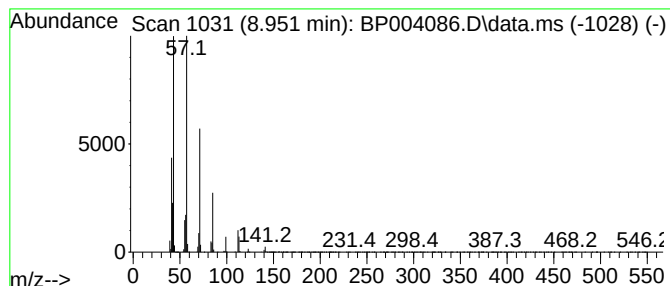
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.951	8.66 ng	695450	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		Undecane, 2-methyl-	170	C12H26	007045-71-8	78
3		Tetradecane	198	C14H30	000629-59-4	72
4		Tridecane	184	C13H28	000629-50-5	72
5		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004086.D
Acq On : 24 Nov 2020 20:59
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ClientSampleId :
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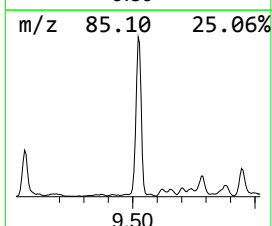
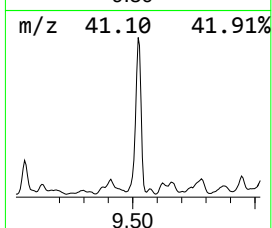
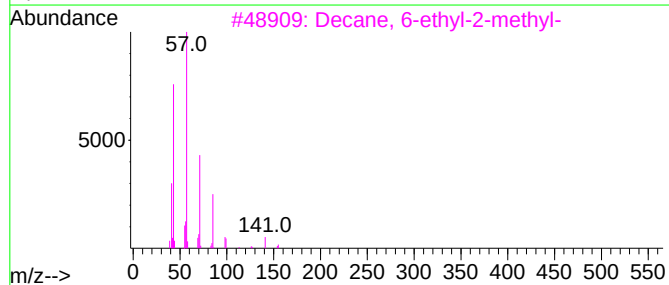
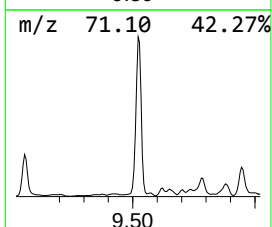
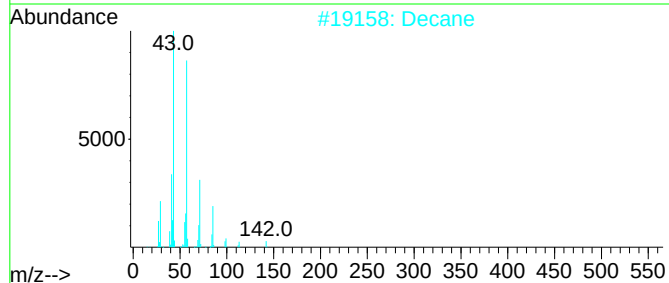
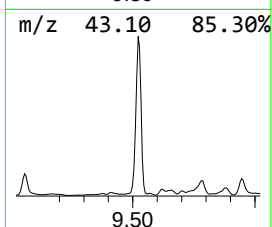
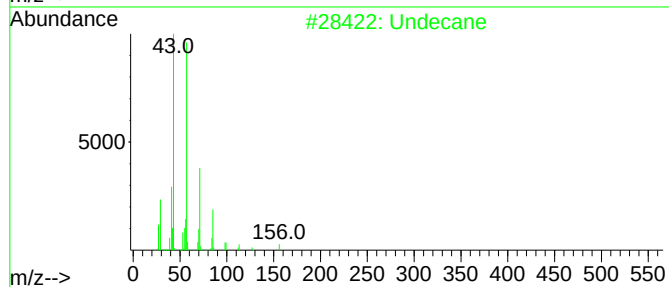
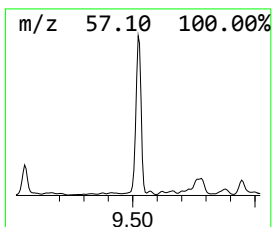
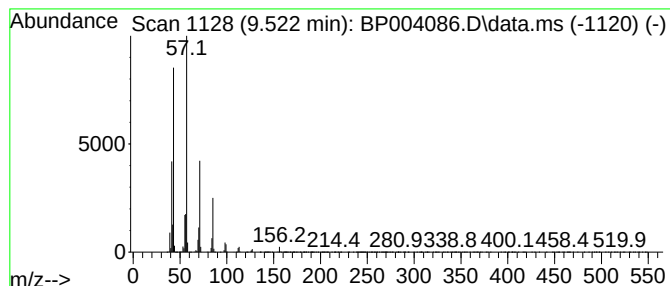
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.522	55.86 ng	4486130	1,4-Dichlorobenzene-d4	8.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	93
2	Decane			142	C10H22	000124-18-5	83
3	Decane, 6-ethyl-2-methyl-			184	C13H28	062108-21-8	83
4	Tridecane			184	C13H28	000629-50-5	83
5	Tetradecane			198	C14H30	000629-59-4	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004086.D
Acq On : 24 Nov 2020 20:59
Operator : CG/JU
Sample : L4872-01 5X
Misc :
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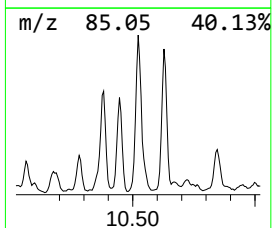
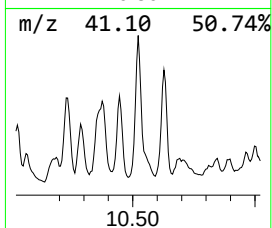
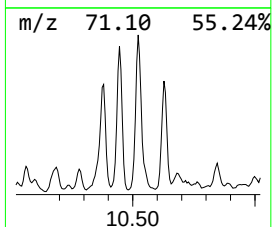
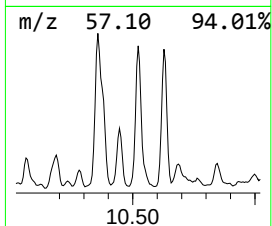
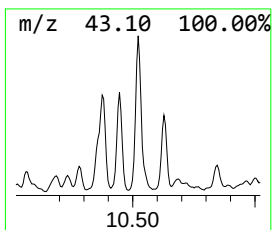
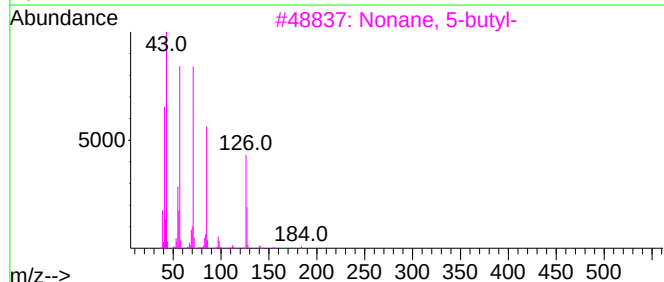
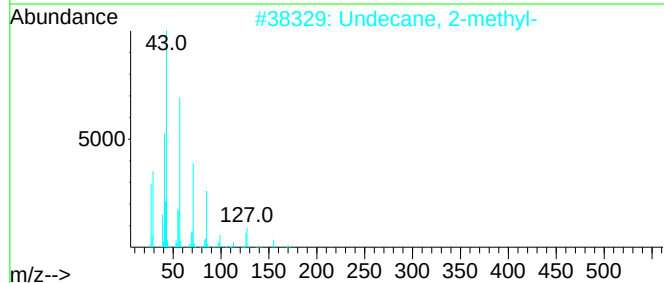
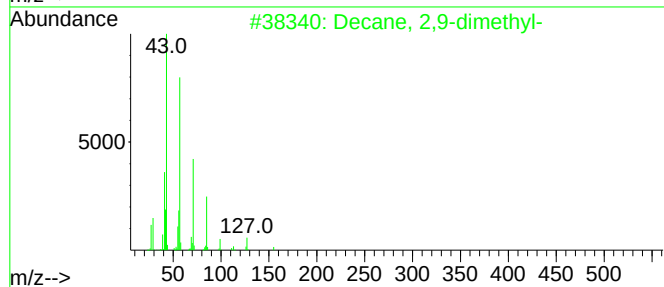
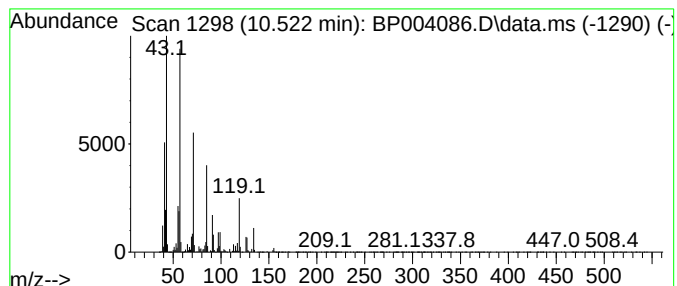
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Decane, 2,9-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.522	7.80 ng	1628010	Naphthalene-d8	11.098

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	59
2			Undecane, 2-methyl-	170	C12H26	007045-71-8	59
3			Nonane, 5-butyl-	184	C13H28	017312-63-9	50
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	47
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
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Acq On : 24 Nov 2020 20:59
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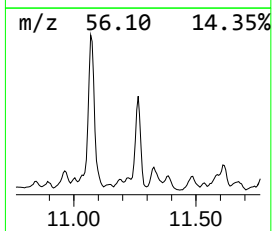
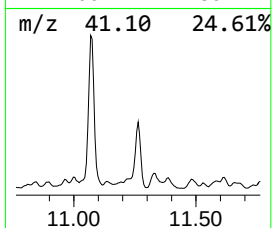
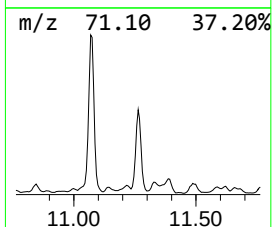
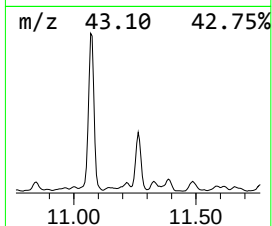
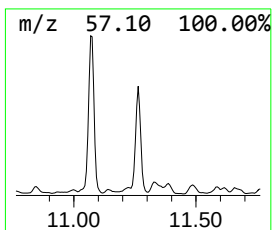
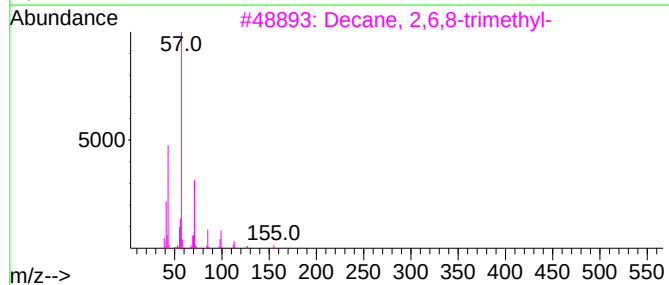
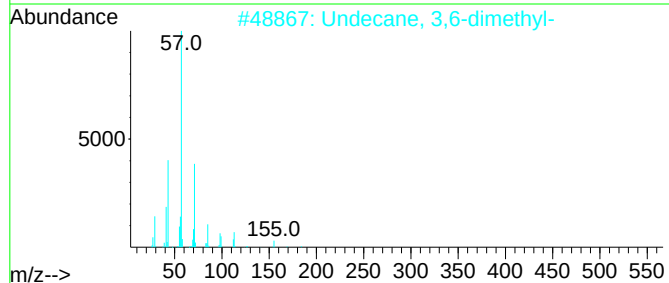
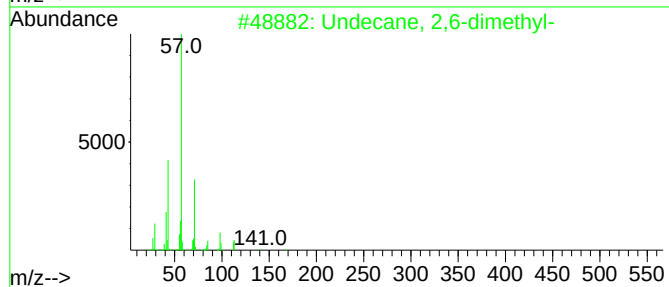
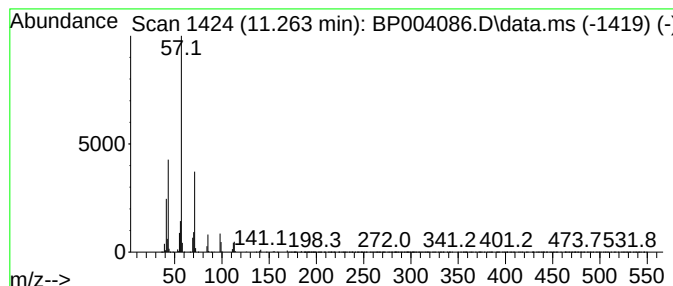
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Undecane, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.263	7.77 ng	1621900	Naphthalene-d8	11.098

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	94
3			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	87
4			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	86
5			Dodecane, 6-methyl-	184	C13H28	006044-71-9	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004086.D
Acq On : 24 Nov 2020 20:59
Operator : CG/JU
Sample : L4872-01 5X
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ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
SU-04-112320

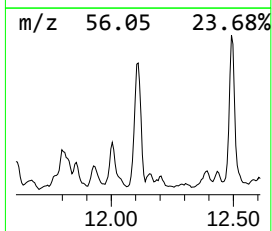
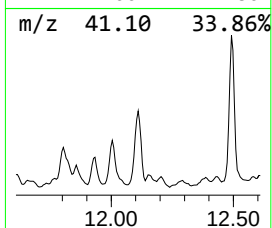
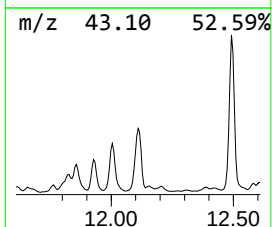
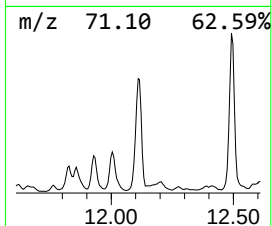
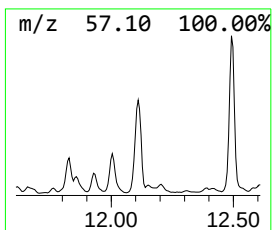
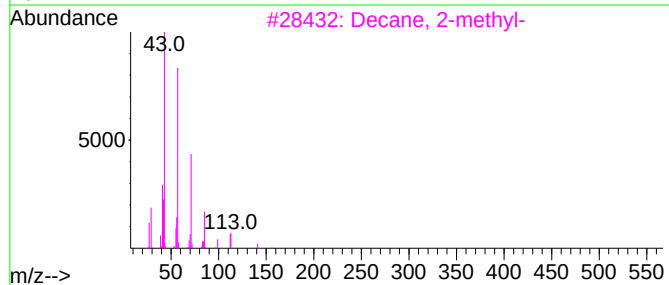
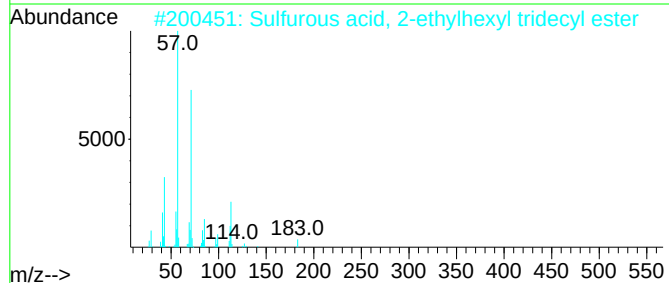
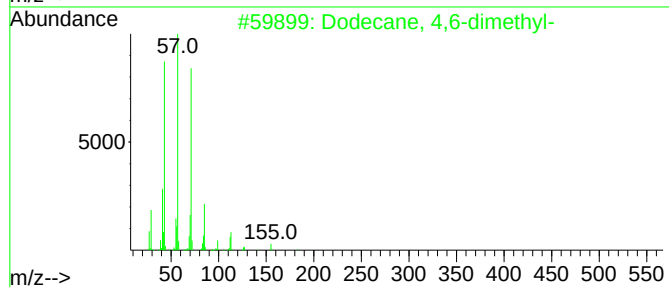
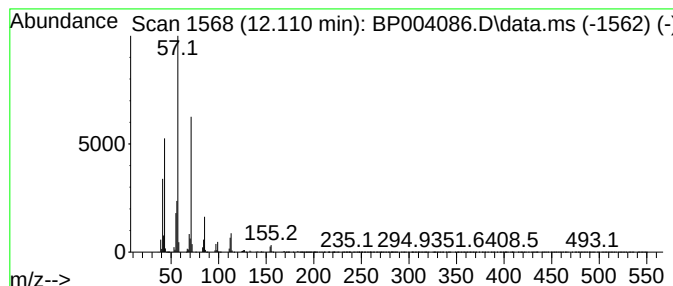
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane, 4,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	7.94 ng	1655810	Naphthalene-d8	11.098

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	89
2			Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	80
3			Decane, 2-methyl-	156	C11H24	006975-98-0	80
4			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	80
5			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004086.D
Acq On : 24 Nov 2020 20:59
Operator : CG/JU
Sample : L4872-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-04-112320

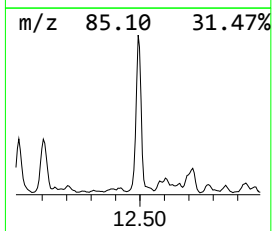
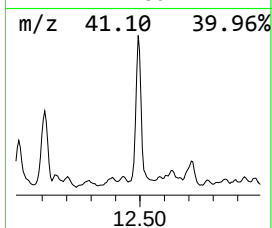
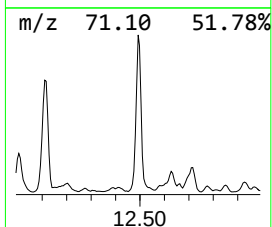
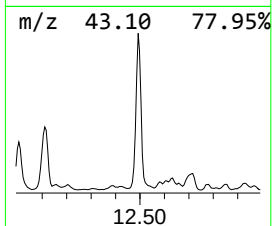
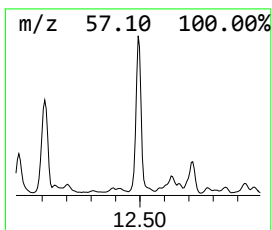
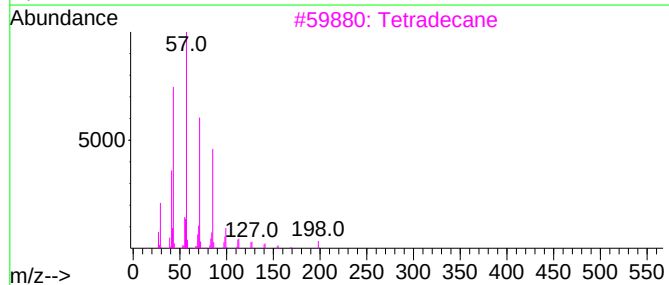
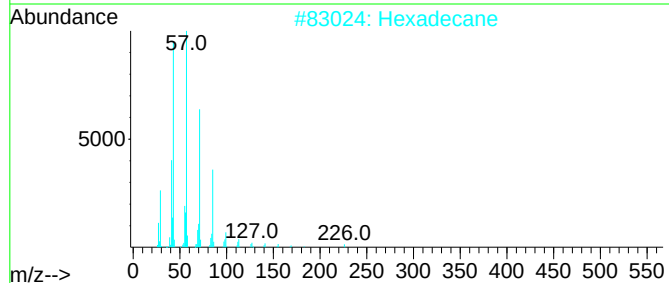
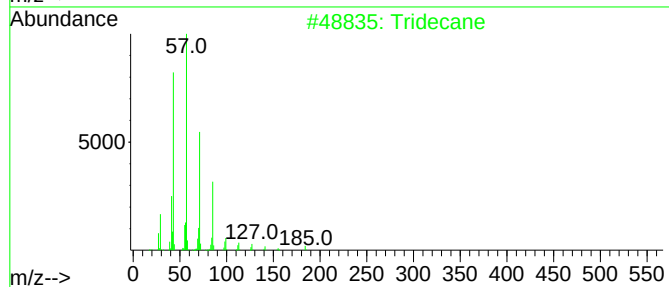
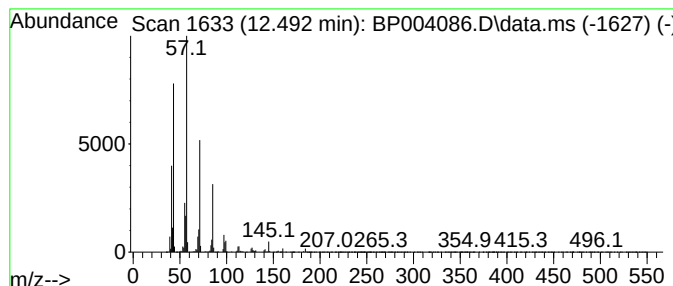
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.492	14.09 ng	2939150	Naphthalene-d8	11.098

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	96
2			Hexadecane	226	C16H34	000544-76-3	86
3			Tetradecane	198	C14H30	000629-59-4	86
4			Pentadecane	212	C15H32	000629-62-9	86
5			Undecane	156	C11H24	001120-21-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004086.D
Acq On : 24 Nov 2020 20:59
Operator : CG/JU
Sample : L4872-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-04-112320

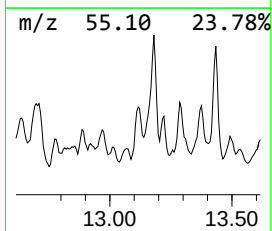
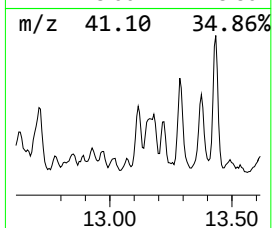
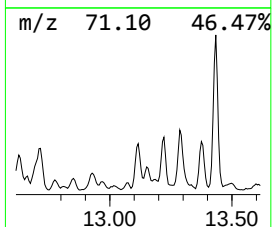
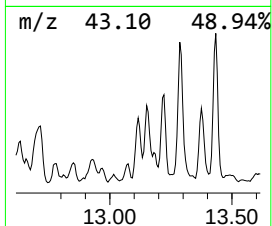
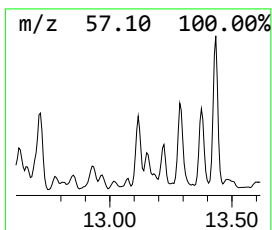
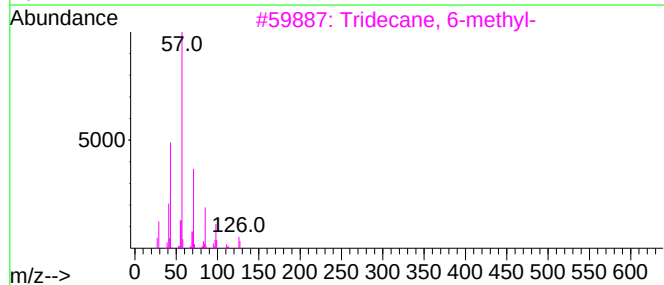
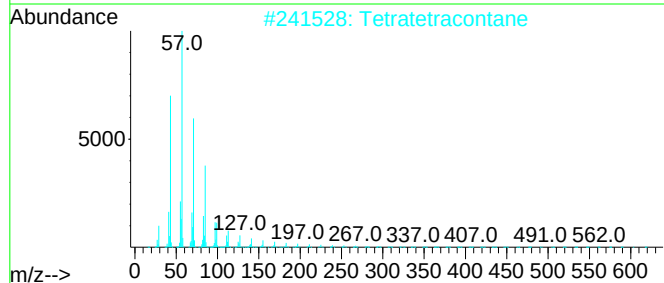
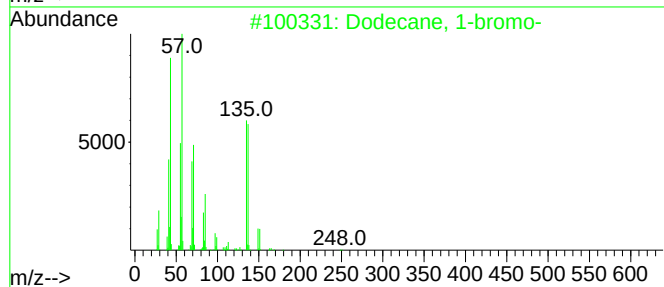
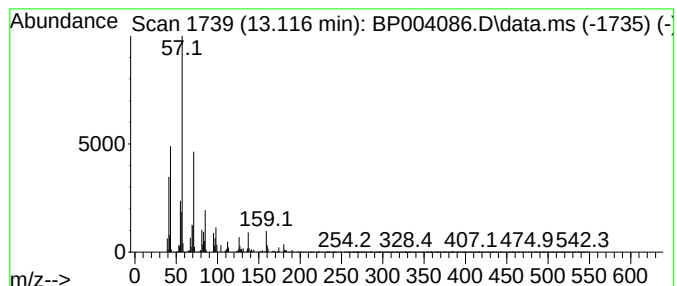
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 1-bromo- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.116	7.99 ng	501536	Acenaphthene-d10	14.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 1-bromo-	248	C12H25Br	000143-15-7	58
2			Tetratetracontane	619	C44H90	007098-22-8	50
3			Tridecane, 6-methyl-	198	C14H30	013287-21-3	49
4			Tetradecane	198	C14H30	000629-59-4	47
5			Tridecane	184	C13H28	000629-50-5	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
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Acq On : 24 Nov 2020 20:59
Operator : CG/JU
Sample : L4872-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

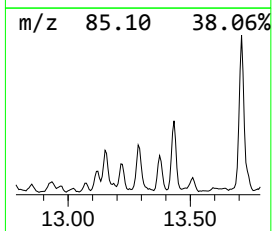
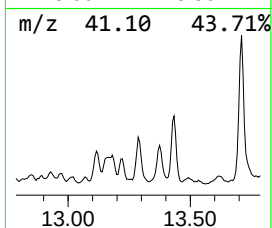
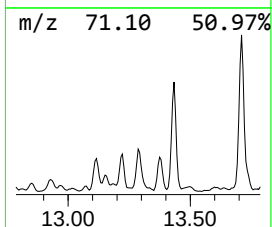
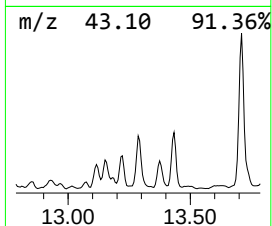
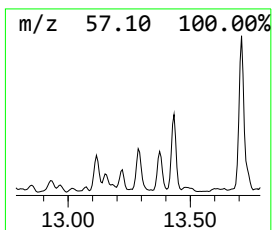
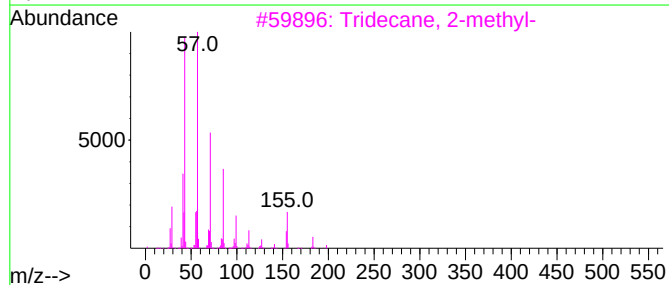
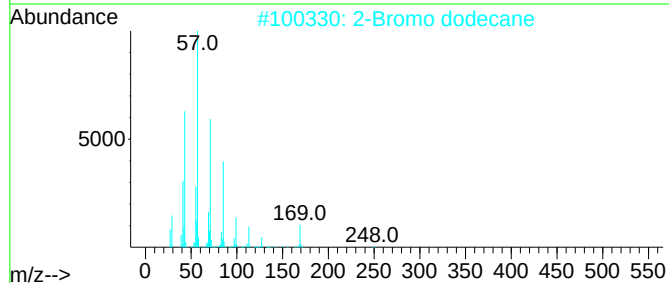
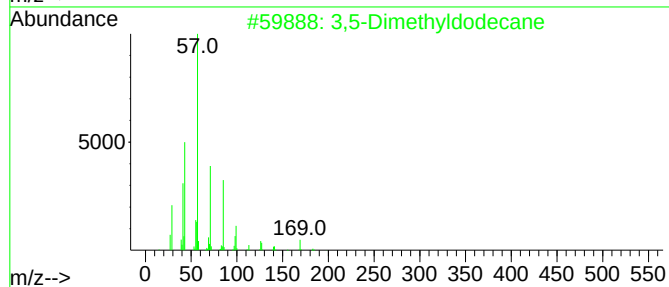
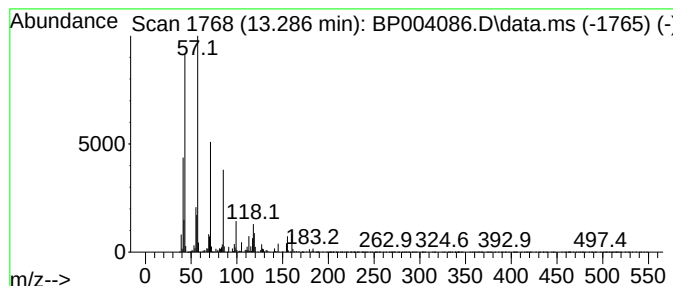
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 3,5-Dimethyldodecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.286	11.49 ng	721808	Acenaphthene-d10	14.892	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyldodecane	198	C14H30	107770-99-0	81
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	72
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	64
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
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Sample : L4872-01 5X
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ALS Vial : 17 Sample Multiplier: 1

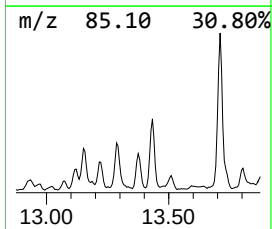
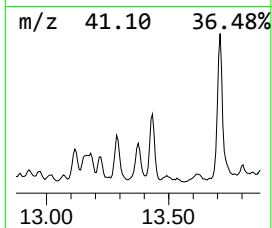
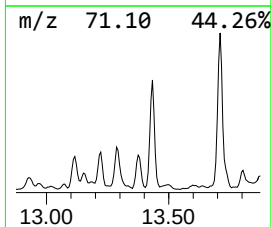
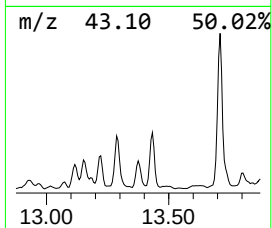
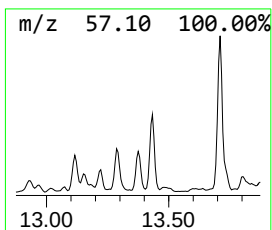
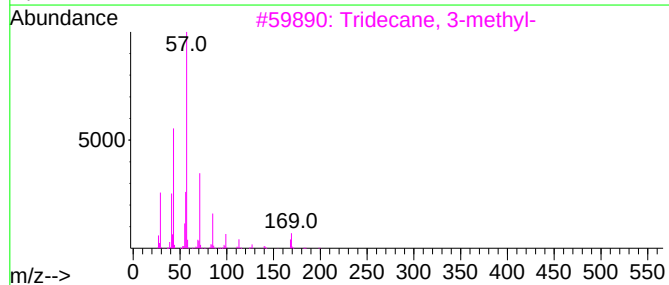
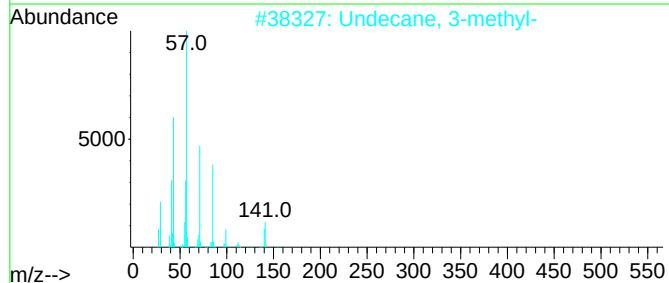
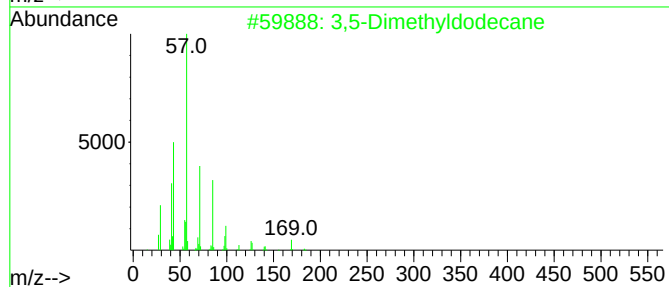
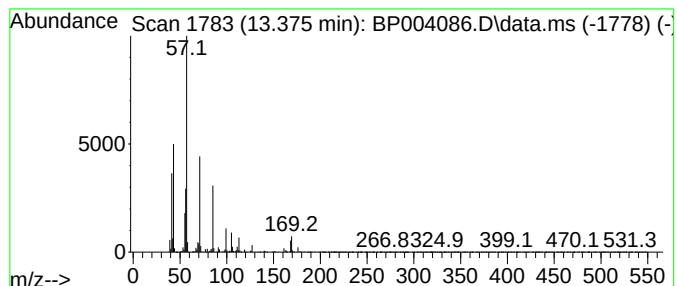
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Undecane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.375	9.98 ng	626520	Acenaphthene-d10	14.892	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyldodecane	198	C14H30	107770-99-0	76
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	72
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	70
4	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	64
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004086.D
Acq On : 24 Nov 2020 20:59
Operator : CG/JU
Sample : L4872-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

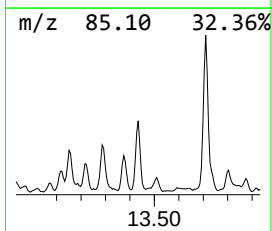
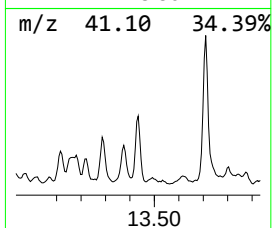
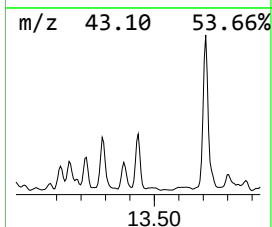
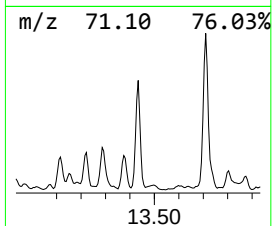
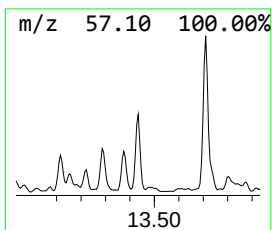
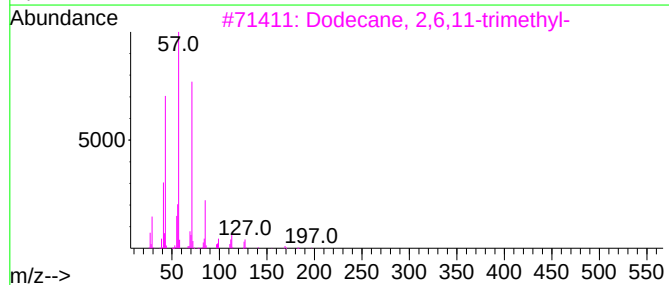
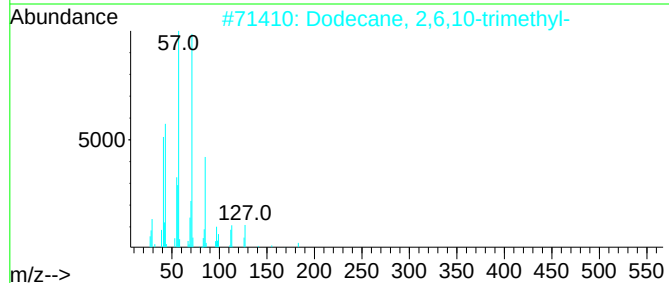
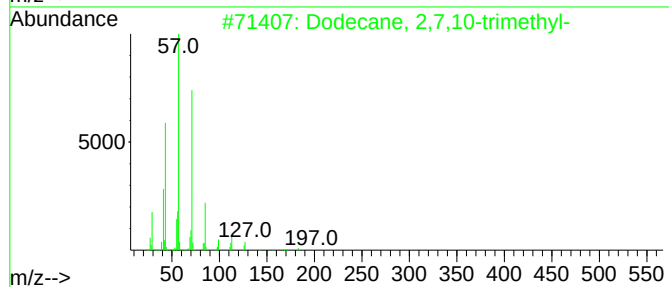
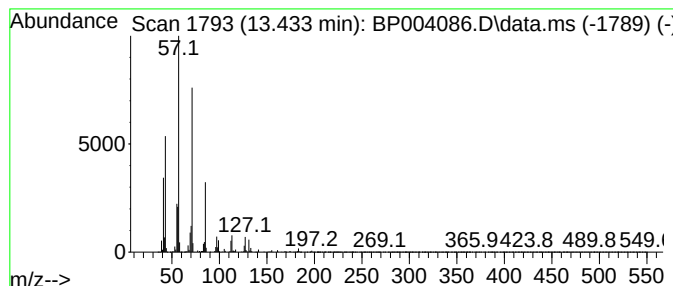
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dodecane, 2,7,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.434	17.99 ng	1129770	Acenaphthene-d10	14.892	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	64
5	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004086.D
Acq On : 24 Nov 2020 20:59
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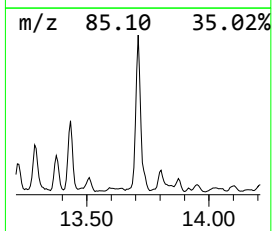
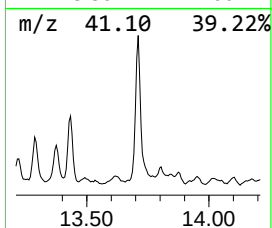
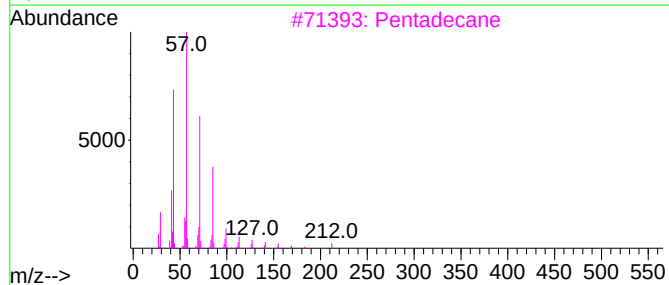
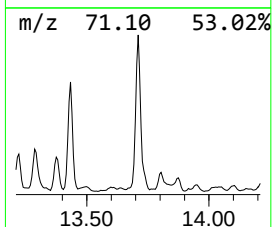
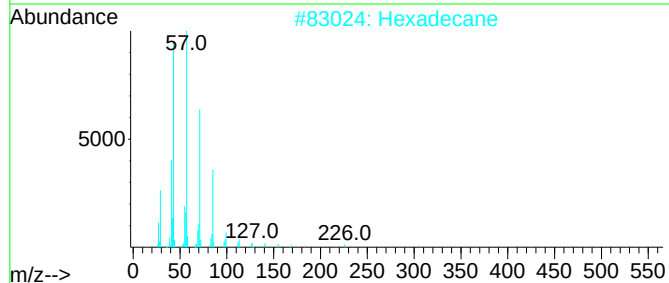
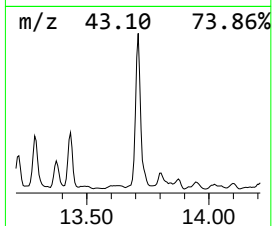
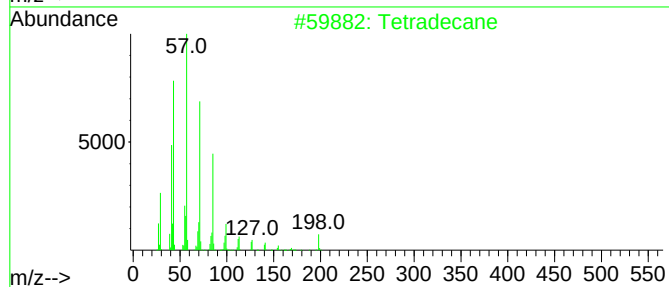
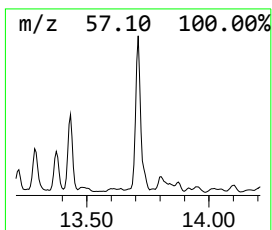
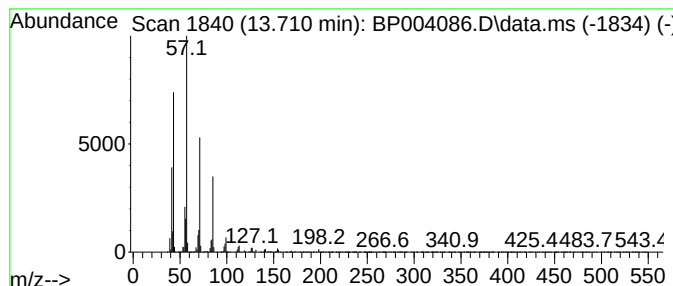
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.710	35.48 ng	2227910	Acenaphthene-d10	14.892

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	97
2		Hexadecane	226	C16H34	000544-76-3	91
3		Pentadecane	212	C15H32	000629-62-9	90
4		Tridecane	184	C13H28	000629-50-5	90
5		Undecane	156	C11H24	001120-21-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004086.D
Acq On : 24 Nov 2020 20:59
Operator : CG/JU
Sample : L4872-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-04-112320

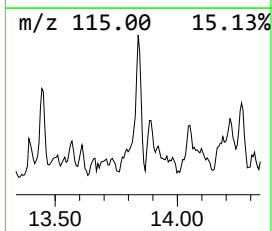
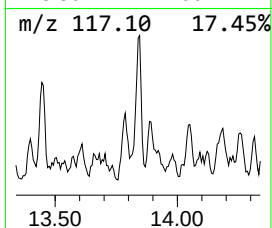
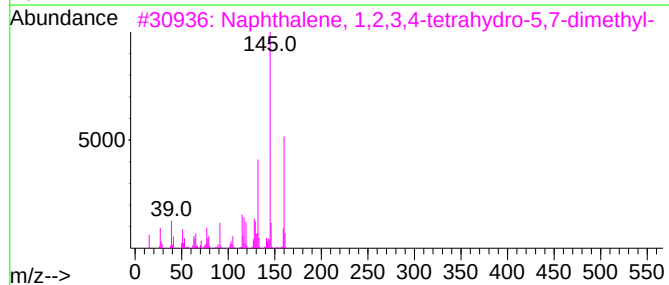
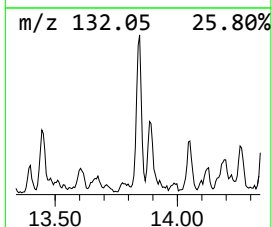
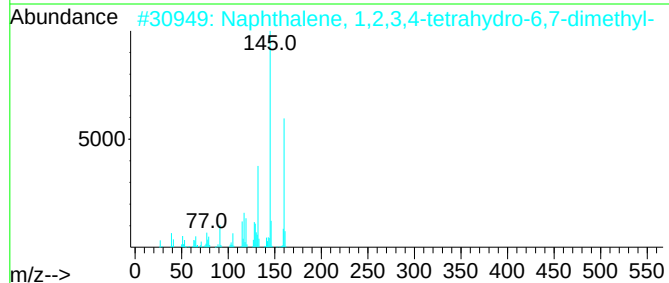
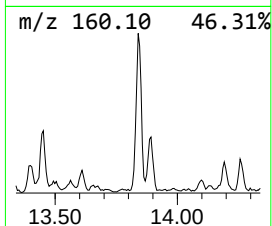
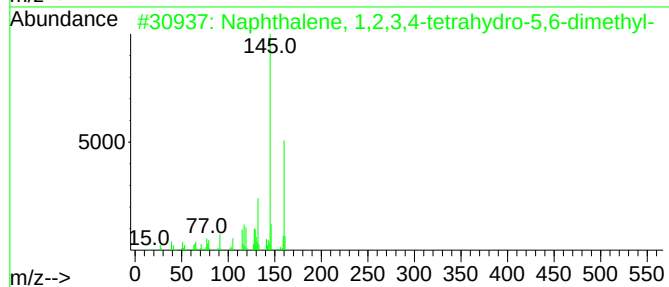
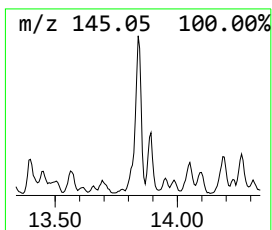
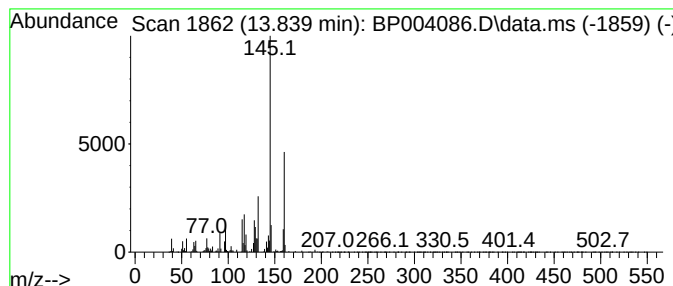
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.839	7.13 ng	448068	Acenaphthene-d10	14.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	94
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	91
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	87
4			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	81
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004086.D
Acq On : 24 Nov 2020 20:59
Operator : CG/JU
Sample : L4872-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-04-112320

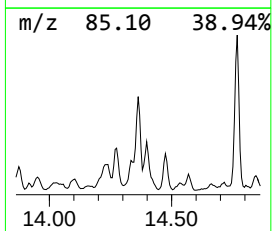
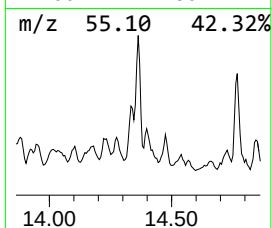
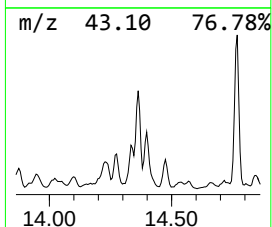
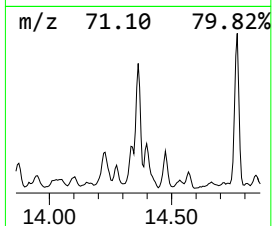
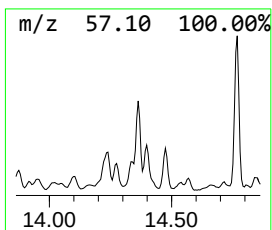
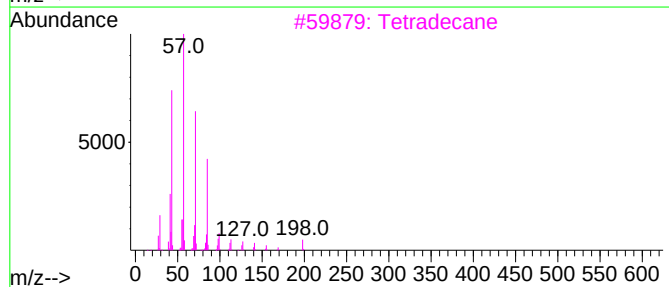
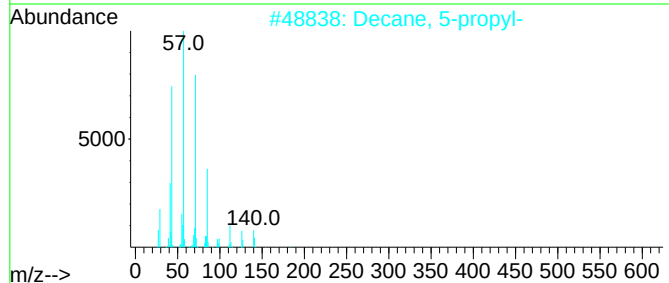
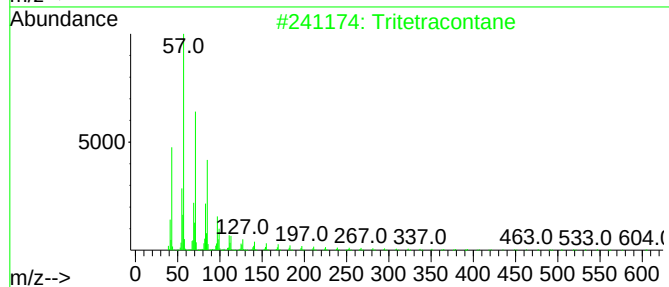
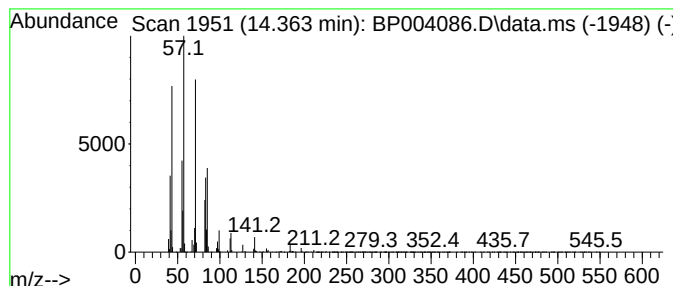
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tritetracontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.363	11.63 ng	730130	Acenaphthene-d10	14.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tritetracontane	605	C43H88	007098-21-7	80
2			Decane, 5-propyl-	184	C13H28	017312-62-8	76
3			Tetradecane	198	C14H30	000629-59-4	72
4			Hexadecane	226	C16H34	000544-76-3	72
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004086.D
Acq On : 24 Nov 2020 20:59
Operator : CG/JU
Sample : L4872-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-04-112320

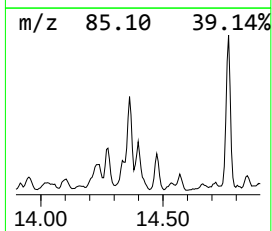
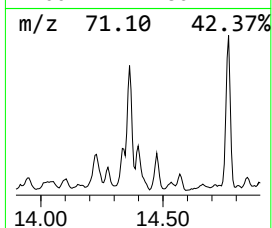
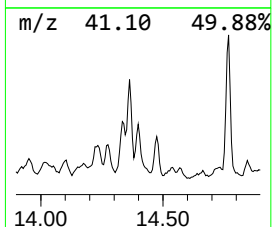
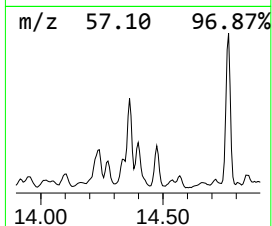
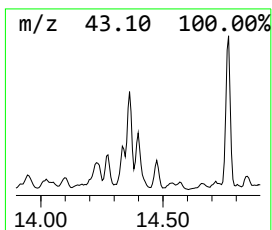
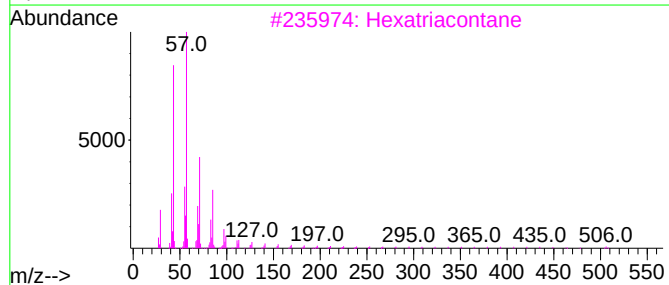
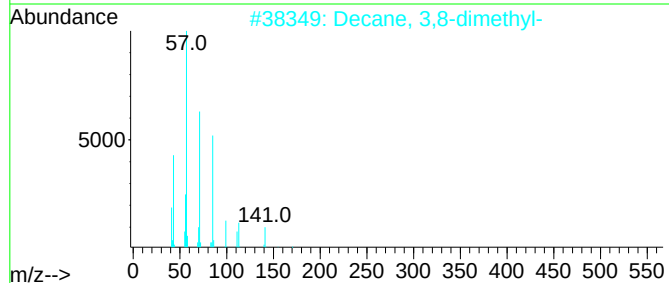
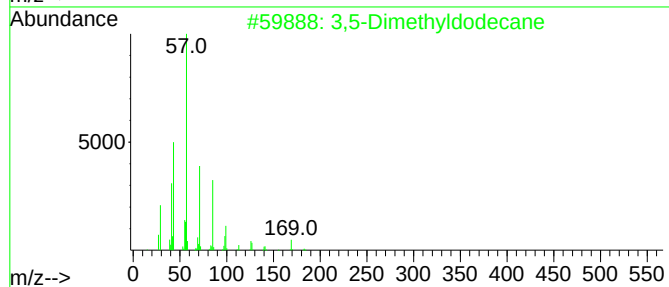
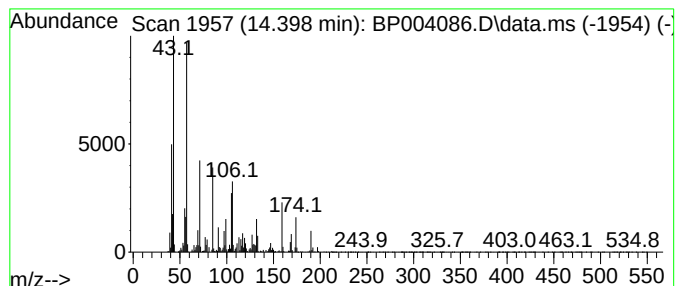
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown14.398 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.398	7.26 ng	455875	Acenaphthene-d10	14.892

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3,5-Dimethyldodecane	198	C14H30	107770-99-0	41
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	38
3		Hexatriacontane	507	C36H74	000630-06-8	38
4		Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	38
5		1-Iodoundecane	282	C11H23I	004282-44-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004086.D
Acq On : 24 Nov 2020 20:59
Operator : CG/JU
Sample : L4872-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-04-112320

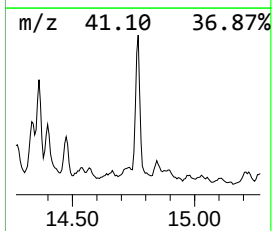
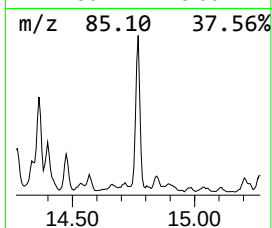
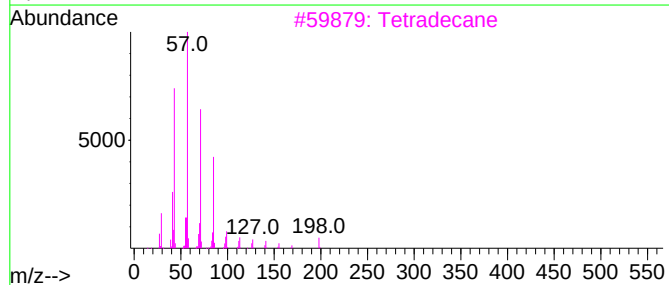
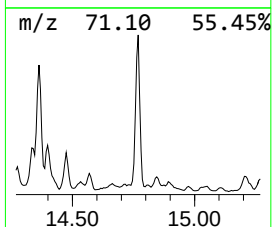
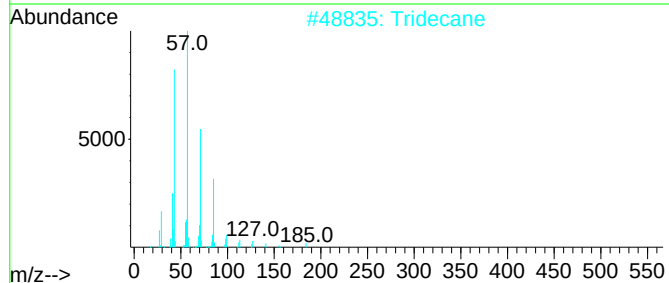
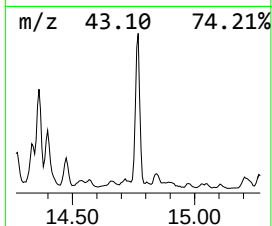
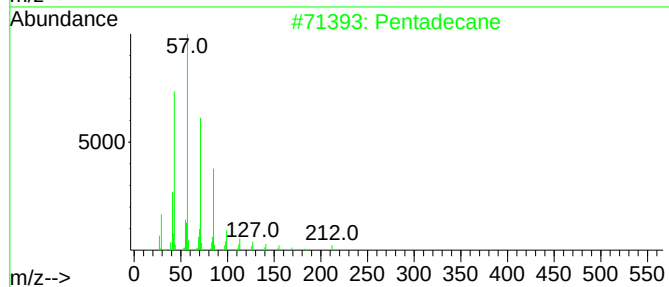
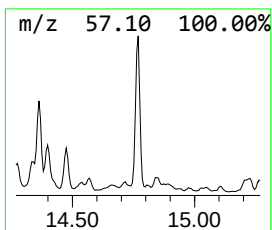
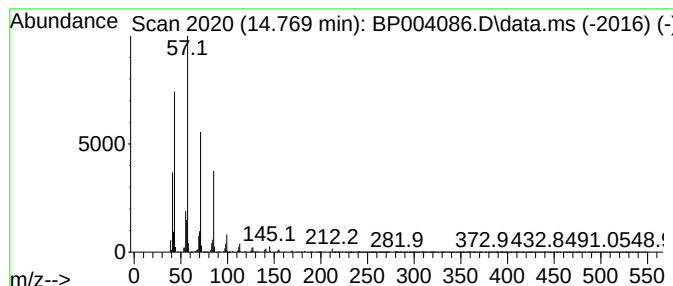
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.769	14.51 ng	911155	Acenaphthene-d10	14.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	94
2			Tridecane	184	C13H28	000629-50-5	90
3			Tetradecane	198	C14H30	000629-59-4	90
4			Hexadecane	226	C16H34	000544-76-3	90
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004086.D
Acq On : 24 Nov 2020 20:59
Operator : CG/JU
Sample : L4872-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-04-112320

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
unknown2.916	2.916	19.1	ng	1535770	1	8.269	1606280	20.0
Nonane	6.246	9.9	ng	799487	1	8.269	1606280	20.0
Decane	7.904	40.4	ng	3246590	1	8.269	1606280	20.0
Cyclohexane, bu...	8.581	8.1	ng	652986	1	8.269	1606280	20.0
Decane, 5-methyl-	8.822	13.2	ng	1058510	1	8.269	1606280	20.0
Decane, 2-methyl-	8.951	8.7	ng	695450	1	8.269	1606280	20.0
Undecane	9.522	55.9	ng	4486130	1	8.269	1606280	20.0
Decane, 2,9-dim...	10.522	7.8	ng	1628010	2	11.098	4172860	20.0
Undecane, 2,6-d...	11.263	7.8	ng	1621900	2	11.098	4172860	20.0
Dodecane, 4,6-d...	12.110	7.9	ng	1655810	2	11.098	4172860	20.0
Tridecane	12.492	14.1	ng	2939150	2	11.098	4172860	20.0
Dodecane, 1-bromo-	13.116	8.0	ng	501536	3	14.892	1255990	20.0
3,5-Dimethyldod...	13.286	11.5	ng	721808	3	14.892	1255990	20.0
Undecane, 3-met...	13.375	10.0	ng	626520	3	14.892	1255990	20.0
Dodecane, 2,7,1...	13.434	18.0	ng	1129770	3	14.892	1255990	20.0
Tetradecane	13.710	35.5	ng	2227910	3	14.892	1255990	20.0
Naphthalene, 1,...	13.839	7.1	ng	448068	3	14.892	1255990	20.0
Tritetracontane	14.363	11.6	ng	730130	3	14.892	1255990	20.0
unknown14.398	14.398	7.3	ng	455875	3	14.892	1255990	20.0
Pentadecane	14.769	14.5	ng	911155	3	14.892	1255990	20.0