

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
 Data File : BP005382.D
 Acq On : 22 Apr 2021 18:48
 Operator : CG/JU
 Sample : M2098-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HR-01-042021

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-BP042121.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005382.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.246	360	367	383	rBV	269477	398996	24.56%	1.877%
2	6.834	632	637	650	rVB	252293	435214	26.79%	2.047%
3	7.263	705	710	720	rBV2	84346	160573	9.88%	0.755%
4	7.546	750	758	763	rBV8	11424	31579	1.94%	0.149%
5	7.640	770	774	781	rVB	159339	248650	15.30%	1.170%
6	7.752	789	793	800	rBV3	21376	38950	2.40%	0.183%
7	7.916	813	821	828	rVB6	24414	62385	3.84%	0.293%
8	8.163	852	863	864	rBV3	40519	73172	4.50%	0.344%
9	8.222	870	873	877	rVB2	35297	44812	2.76%	0.211%
10	8.287	877	884	889	rBV4	66840	140295	8.63%	0.660%
11	8.399	897	903	907	rBV	54511	87710	5.40%	0.413%
12	8.452	907	912	917	rVB3	17776	44917	2.76%	0.211%
13	8.587	930	935	939	rBV2	22667	42846	2.64%	0.202%
14	8.640	940	944	950	rVB	27316	43459	2.67%	0.204%
15	8.710	950	956	957	rBV3	22829	35512	2.19%	0.167%
16	8.740	957	961	966	rVV2	61689	95574	5.88%	0.450%
17	8.804	966	972	977	rVV	164998	305391	18.80%	1.436%
18	8.863	977	982	991	rVB	464425	709593	43.67%	3.338%
19	8.946	991	996	998	rBV2	33915	56022	3.45%	0.263%
20	8.987	998	1003	1008	rVB4	60465	127326	7.84%	0.599%
21	9.093	1008	1021	1022	rBV7	36814	107133	6.59%	0.504%
22	9.216	1034	1042	1046	rBV6	21307	43858	2.70%	0.206%
23	9.269	1046	1051	1056	rVV3	63602	113306	6.97%	0.533%
24	9.322	1056	1060	1068	rVV4	64272	155225	9.55%	0.730%
25	9.516	1086	1093	1095	rBV4	34303	61843	3.81%	0.291%
26	9.557	1095	1100	1104	rVB5	49069	85538	5.26%	0.402%
27	9.604	1104	1108	1111	rBV2	36160	48642	2.99%	0.229%
28	9.704	1118	1125	1130	rVB4	78045	186528	11.48%	0.877%
29	9.781	1132	1138	1142	rBV2	92604	150655	9.27%	0.709%
30	9.851	1142	1150	1155	rBV3	123679	313752	19.31%	1.476%
31	9.957	1164	1168	1172	rBV2	86568	125167	7.70%	0.589%
32	10.010	1174	1177	1182	rVV3	57227	102338	6.30%	0.481%
33	10.063	1182	1186	1191	rVB2	60484	99556	6.13%	0.468%
34	10.134	1192	1198	1206	rBV4	40589	107141	6.59%	0.504%
35	10.210	1206	1211	1215	rBV5	29370	41672	2.56%	0.196%
36	10.287	1220	1224	1227	rBV3	28884	46350	2.85%	0.218%

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 ClientSampleId :
 HR-01-042021

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-BP042121.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.322	1227	1230	1237	rVV5	34326	65559	4.04%	0.308%
38	10.404	1237	1244	1253	rVV2	898196	1624747	100.00%	7.642%
39	10.546	1263	1268	1271	rBV3	61552	89111	5.48%	0.419%
40	10.593	1271	1276	1281	rVB	224471	343018	21.11%	1.613%
41	10.651	1281	1286	1293	rBV4	68740	122126	7.52%	0.574%
42	10.716	1293	1297	1304	rVB5	42854	75802	4.67%	0.357%
43	10.834	1304	1317	1323	rBV5	44041	195373	12.02%	0.919%
44	10.904	1324	1329	1336	rVB3	69990	164917	10.15%	0.776%
45	11.093	1356	1361	1363	rBV3	53479	88824	5.47%	0.418%
46	11.128	1363	1367	1370	rVV2	102740	163862	10.09%	0.771%
47	11.157	1370	1372	1375	rVV	56295	65933	4.06%	0.310%
48	11.193	1375	1378	1384	rVB2	67893	114314	7.04%	0.538%
49	11.269	1385	1391	1397	rBV3	111544	206131	12.69%	0.970%
50	11.345	1398	1404	1411	rVB3	165255	295484	18.19%	1.390%
51	11.410	1411	1415	1417	rBV3	26464	35825	2.20%	0.169%
52	11.451	1417	1422	1427	rBV	291772	485217	29.86%	2.282%
53	11.622	1447	1451	1459	rVB3	130494	228578	14.07%	1.075%
54	11.710	1460	1466	1472	rBV6	51520	104876	6.45%	0.493%
55	11.763	1473	1475	1478	rVV4	28824	42589	2.62%	0.200%
56	11.863	1482	1492	1502	rVV	976484	1549993	95.40%	7.290%
57	11.940	1503	1505	1508	rVV4	44805	72157	4.44%	0.339%
58	11.992	1510	1514	1519	rVV4	118865	225333	13.87%	1.060%
59	12.087	1523	1530	1538	rVB4	103366	265653	16.35%	1.249%
60	12.316	1564	1569	1572	rBV5	37324	71283	4.39%	0.335%
61	12.357	1572	1576	1581	rVB3	112717	185544	11.42%	0.873%
62	12.440	1587	1590	1594	rVB4	26662	32691	2.01%	0.154%
63	12.504	1597	1601	1605	rVV3	85470	130930	8.06%	0.616%
64	12.551	1605	1609	1616	rVB4	84042	177848	10.95%	0.836%
65	12.616	1616	1620	1627	rBV5	85830	132459	8.15%	0.623%
66	12.687	1627	1632	1636	rVV3	101692	151322	9.31%	0.712%
67	12.775	1643	1647	1652	rBV2	121957	194336	11.96%	0.914%
68	12.828	1652	1656	1662	rVV3	241625	387498	23.85%	1.823%
69	12.916	1666	1671	1678	rVB	378277	533607	32.84%	2.510%
70	13.122	1698	1706	1713	rVV	788544	1146352	70.56%	5.392%
71	13.216	1718	1722	1723	rBV4	38880	46199	2.84%	0.217%
72	13.287	1731	1734	1738	rVB5	56155	74510	4.59%	0.350%
73	13.575	1779	1783	1786	rBV6	23662	45193	2.78%	0.213%
74	13.787	1811	1819	1822	rBV3	171999	326195	20.08%	1.534%
75	13.828	1822	1826	1832	rVB3	93343	137316	8.45%	0.646%
76	13.904	1837	1839	1843	rVB2	61536	62856	3.87%	0.296%

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 Start Thrs: 0.2 Max Peaks: 100
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77	13.998	1852	1855	1862	rVB7	17053	32824	2.02%	0.154%
78	14.204	1885	1890	1896	rBV	452403	609503	37.51%	2.867%
79	14.304	1898	1907	1915	rVB	322123	550511	33.88%	2.589%
80	14.710	1973	1976	1982	rVB4	41242	57872	3.56%	0.272%
81	14.828	1993	1996	2005	rVB4	64285	109256	6.72%	0.514%
82	15.163	2049	2053	2058	rVB	210643	262765	16.17%	1.236%
83	15.575	2117	2123	2127	rVB	43594	70773	4.36%	0.333%
84	15.810	2155	2163	2169	rBV	319662	495364	30.49%	2.330%
85	16.033	2196	2201	2210	rBV	103695	174267	10.73%	0.820%
86	16.828	2331	2336	2340	rBV	40849	51533	3.17%	0.242%
87	16.880	2341	2345	2353	rVB3	16846	31204	1.92%	0.147%
88	17.069	2371	2377	2382	rBV	387686	544545	33.52%	2.561%
89	17.569	2458	2462	2469	rBV	24979	32299	1.99%	0.152%
90	17.969	2525	2530	2541	rVB4	40992	71349	4.39%	0.336%
91	18.251	2574	2578	2582	rBV	25068	29766	1.83%	0.140%
92	18.863	2680	2682	2687	rVB2	27775	34129	2.10%	0.161%
93	19.427	2774	2778	2781	rBV2	41778	59921	3.69%	0.282%
94	19.645	2810	2815	2820	rBV	874859	967824	59.57%	4.552%
95	19.945	2864	2866	2872	rVB	42685	45174	2.78%	0.212%
96	20.433	2945	2949	2952	rBV2	46595	56134	3.45%	0.264%
97	20.886	3022	3026	3034	rVB	85315	118306	7.28%	0.556%
98	21.174	3070	3075	3083	rVB	543389	699915	43.08%	3.292%
99	21.310	3096	3098	3101	rVB	52055	51582	3.17%	0.243%
100	23.427	3453	3458	3466	rVB2	379203	671049	41.30%	3.156%

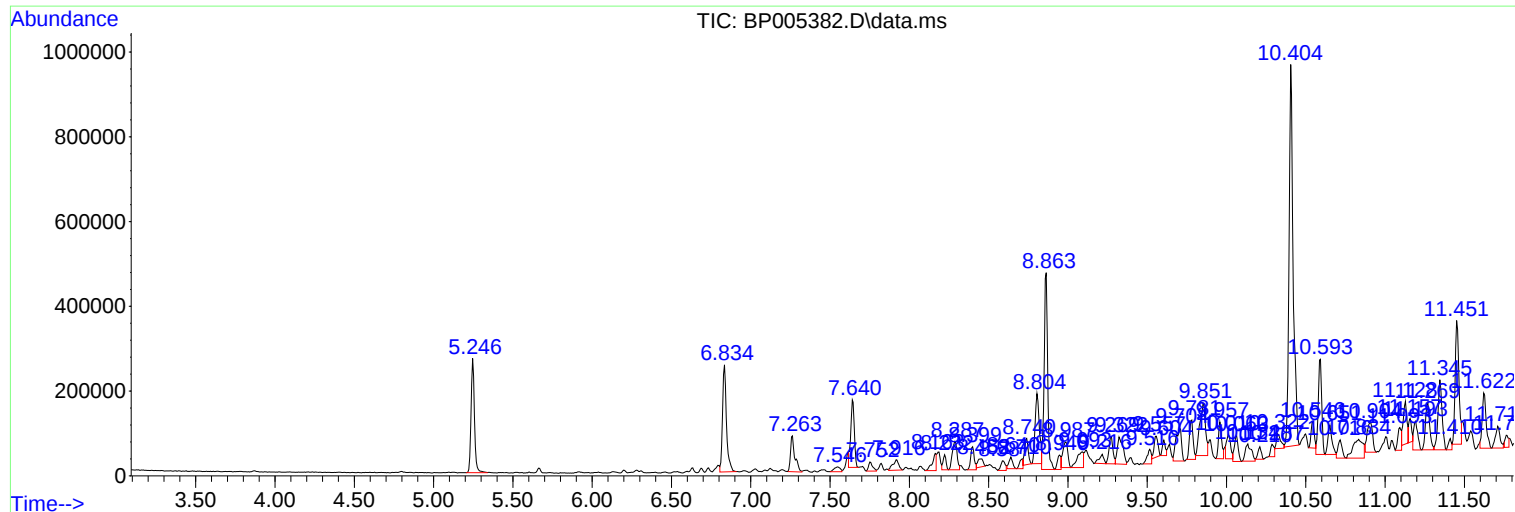
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Instrument :
BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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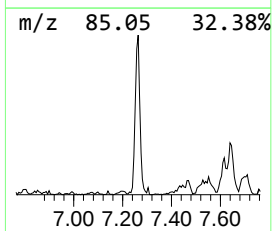
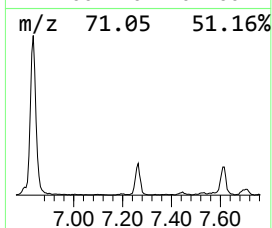
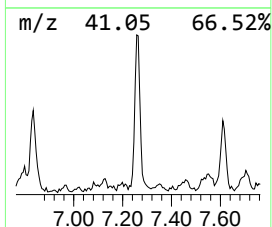
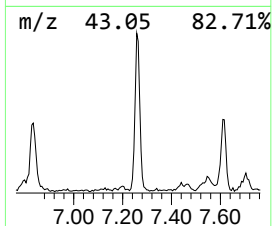
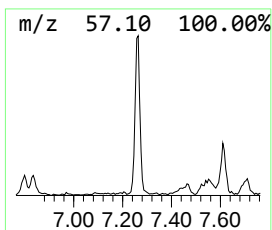
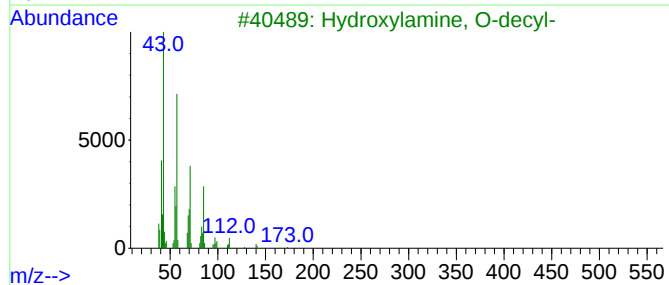
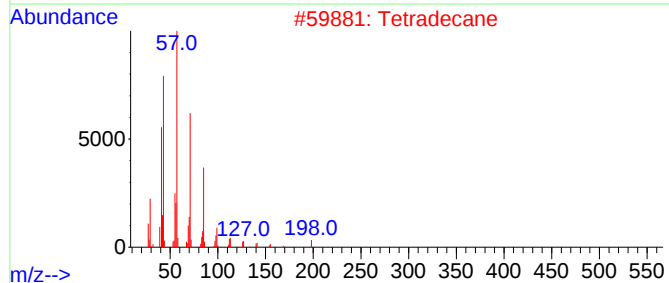
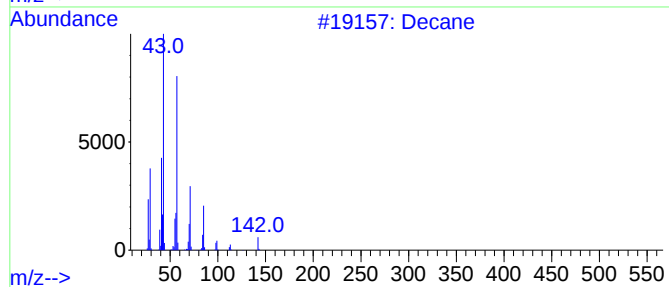
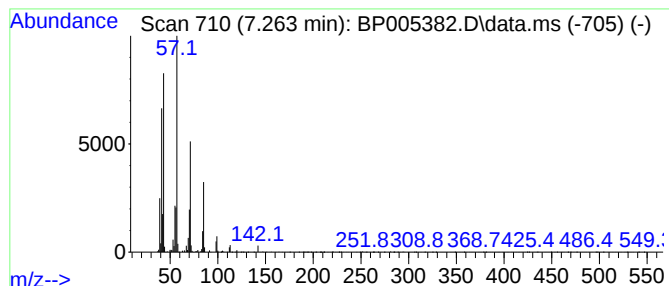
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.263	12.92 ng	160573	1,4-Dichlorobenzene-d4	7.646

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	94
2			Tetradecane	198	C14H30	000629-59-4	83
3			Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	83
4			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	83
5			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	80



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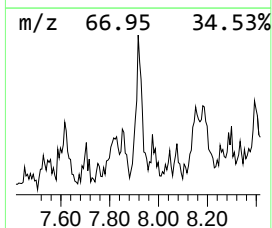
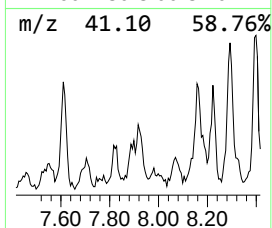
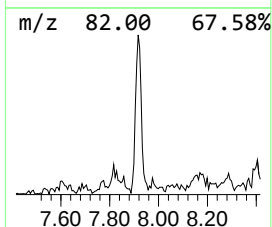
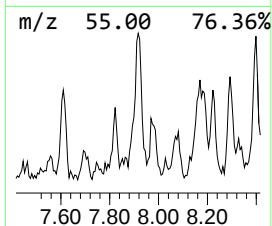
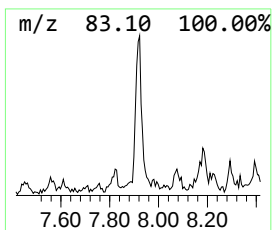
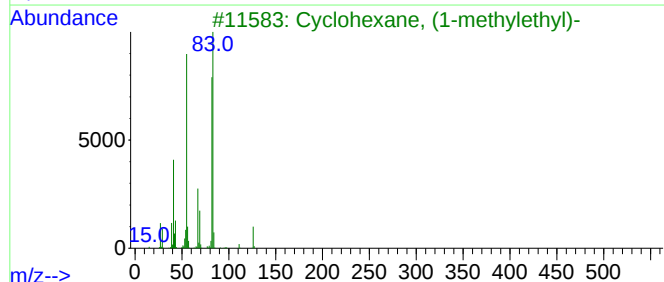
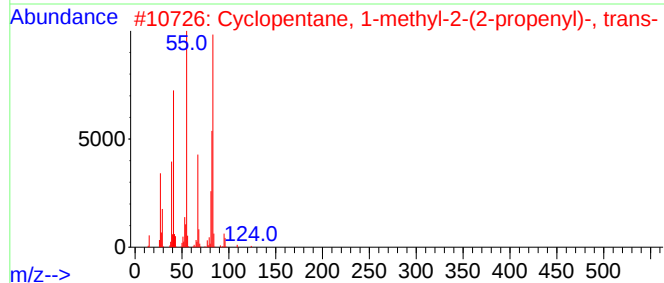
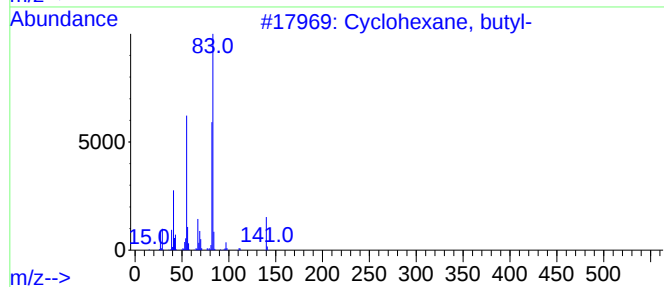
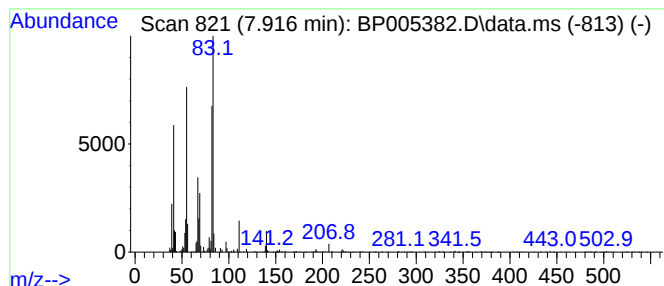
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclohexane, butyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.916	5.02 ng	62385	1,4-Dichlorobenzene-d4	7.646

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	80
2			Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	72
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
4			Cyclohexane, hexyl-	168	C12H24	004292-75-5	72
5			Cyclohexane, undecyl-	238	C17H34	054105-66-7	64



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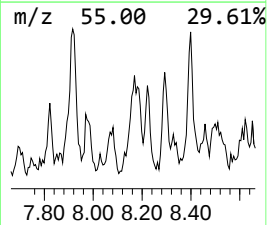
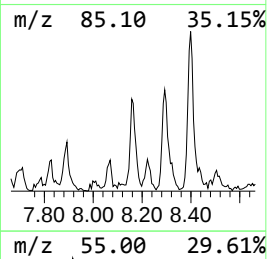
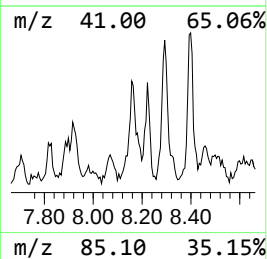
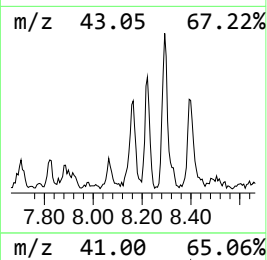
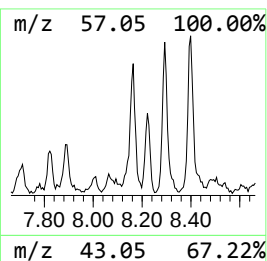
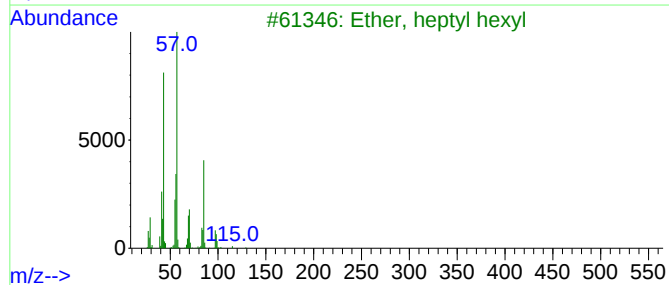
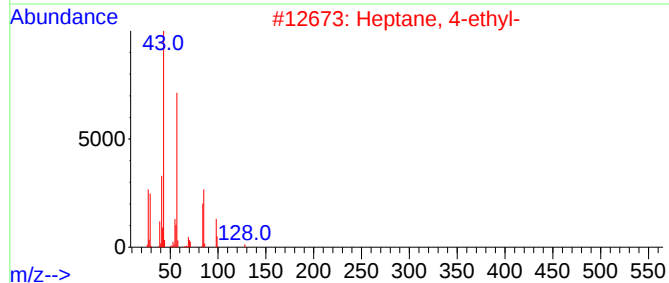
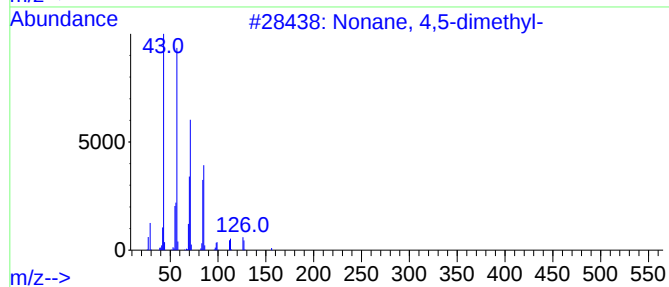
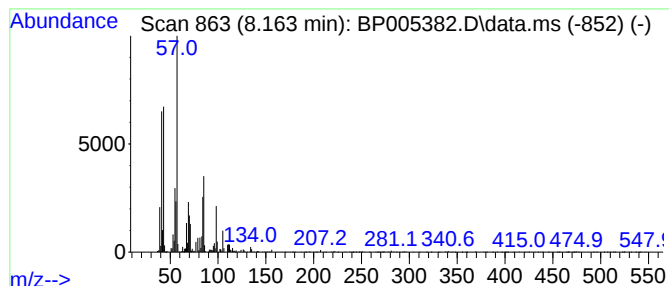
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Nonane, 4,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.163	5.89 ng	73172	1,4-Dichlorobenzene-d4	7.646

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	64
2			Heptane, 4-ethyl-	128	C9H20	002216-32-2	53
3			Ether, heptyl hexyl	200	C13H28O	007289-40-9	47
4			Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	47
5			Undecane	156	C11H24	001120-21-4	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
Data File : BP005382.D
Acq On : 22 Apr 2021 18:48
Operator : CG/JU
Sample : M2098-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-01-042021

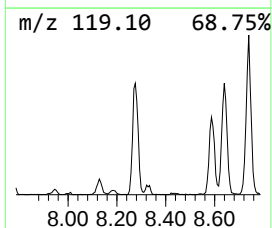
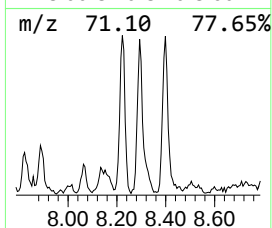
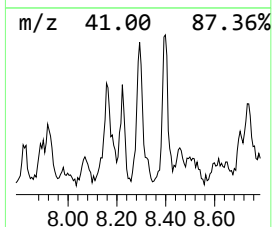
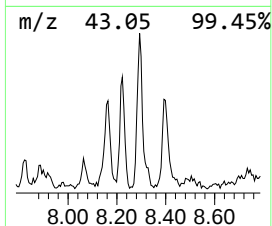
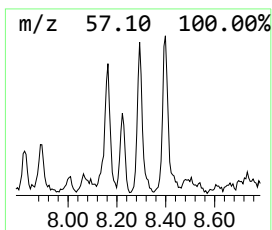
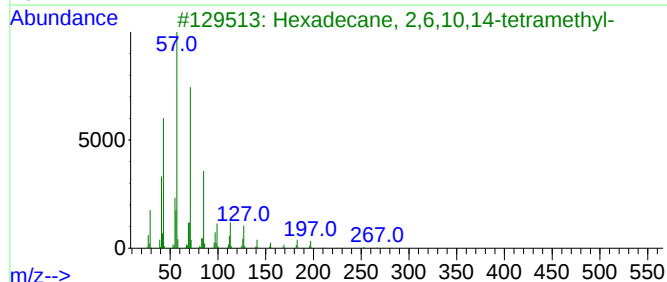
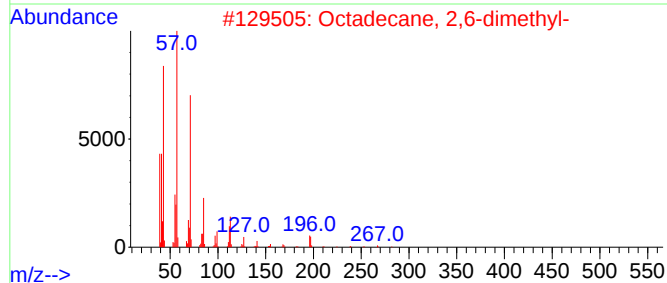
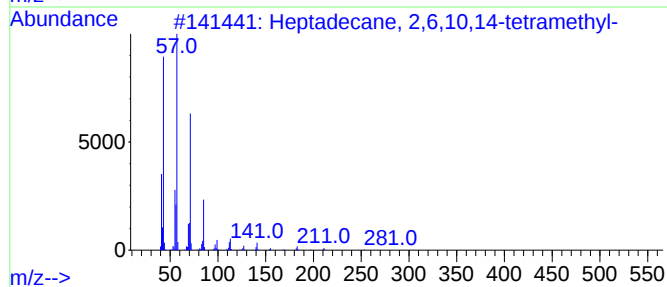
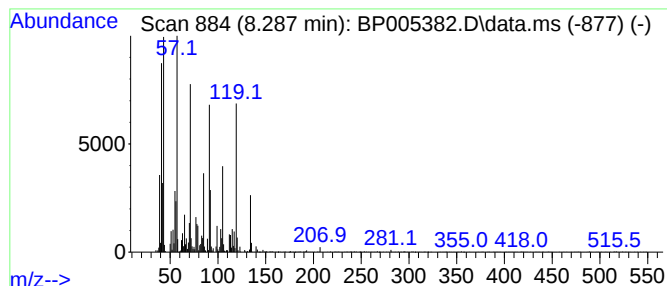
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Heptadecane, 2,6,10,14-tetr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.287	11.28 ng	140295	1,4-Dichlorobenzene-d4	7.646

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	50
2			Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	50
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	50
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	45
5			Docosane, 11-butyl-	366	C26H54	013475-76-8	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
Data File : BP005382.D
Acq On : 22 Apr 2021 18:48
Operator : CG/JU
Sample : M2098-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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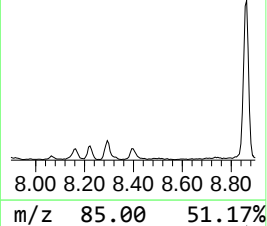
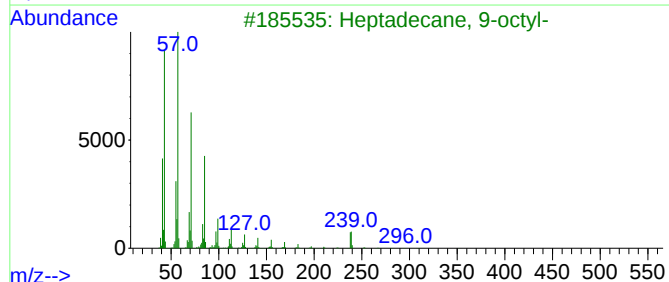
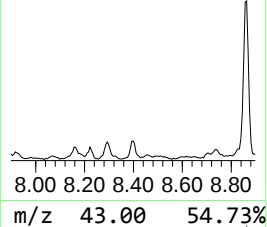
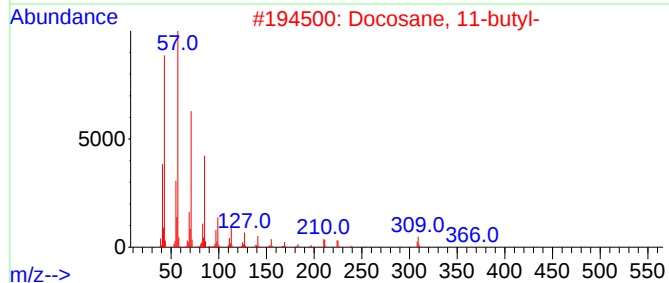
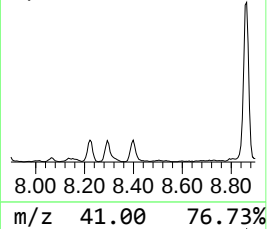
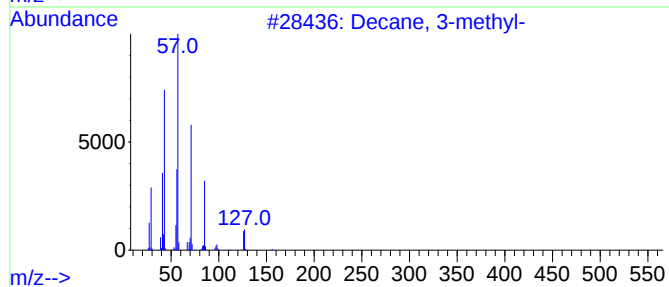
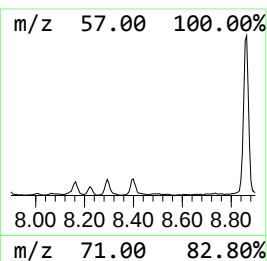
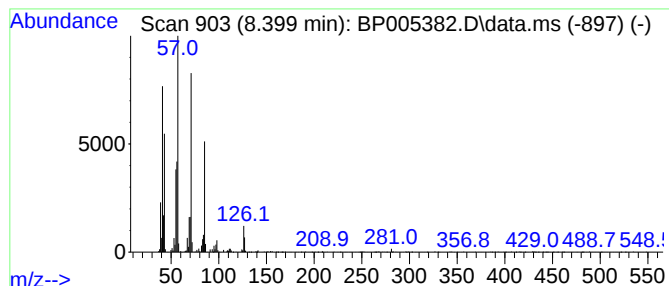
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Decane, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.399	7.05 ng	87710	1,4-Dichlorobenzene-d4	7.646

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	87
2			Docosane, 11-butyl-	366	C26H54	013475-76-8	68
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	64
4			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	64
5			Hexadecane	226	C16H34	000544-76-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
Data File : BP005382.D
Acq On : 22 Apr 2021 18:48
Operator : CG/JU
Sample : M2098-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-01-042021

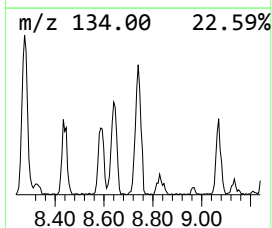
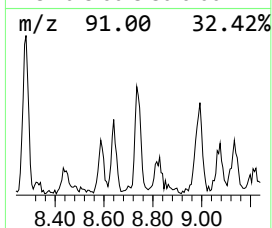
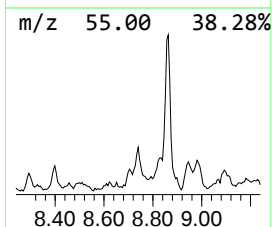
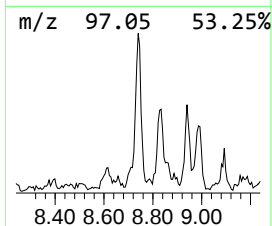
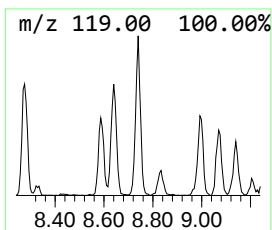
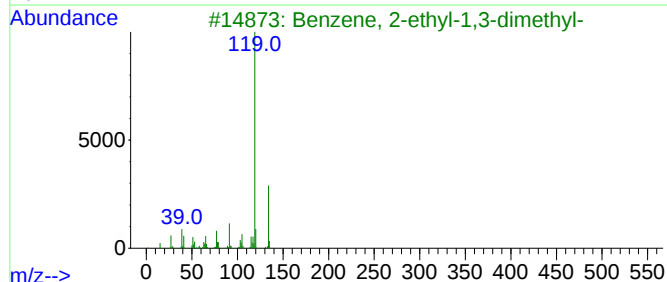
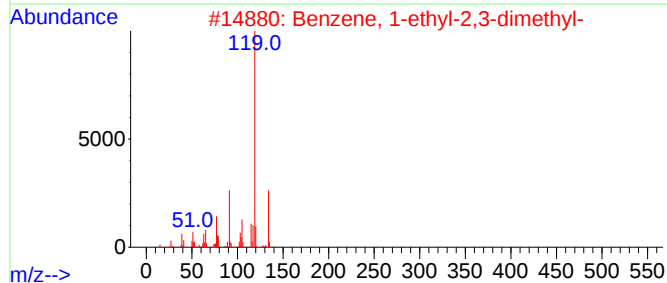
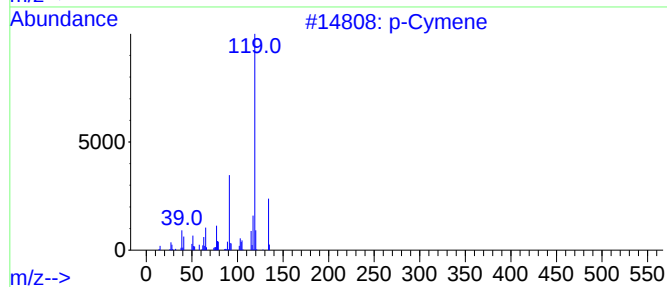
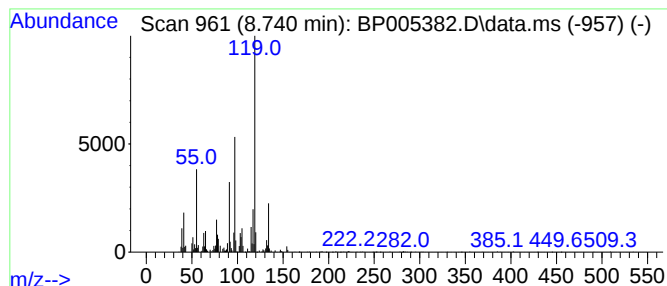
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 p-Cymene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.740	7.69 ng	95574	1,4-Dichlorobenzene-d4	7.646

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	93
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4			o-Cymene	134	C10H14	000527-84-4	70
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
Data File : BP005382.D
Acq On : 22 Apr 2021 18:48
Operator : CG/JU
Sample : M2098-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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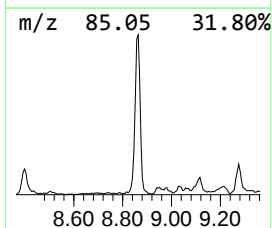
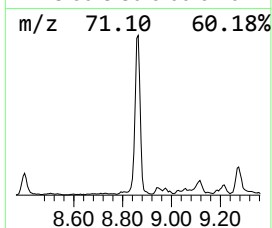
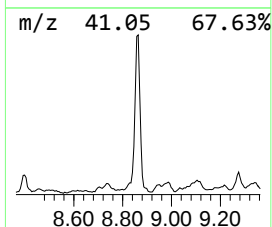
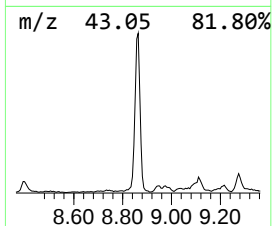
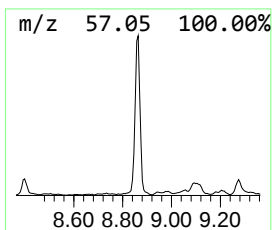
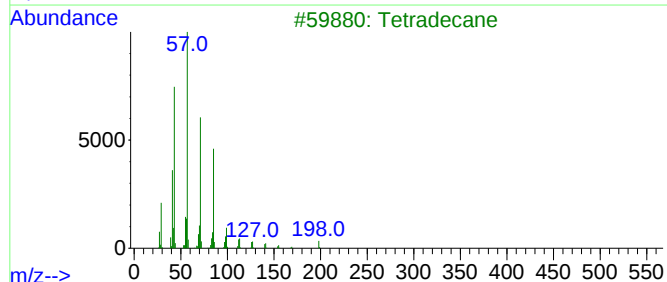
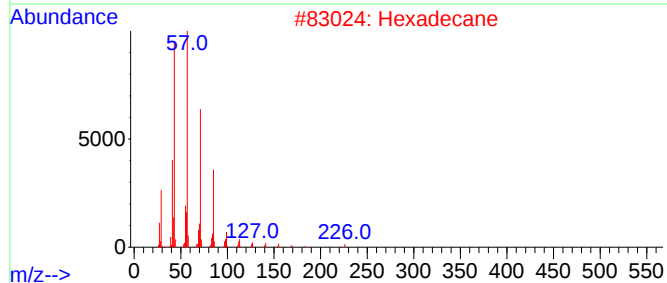
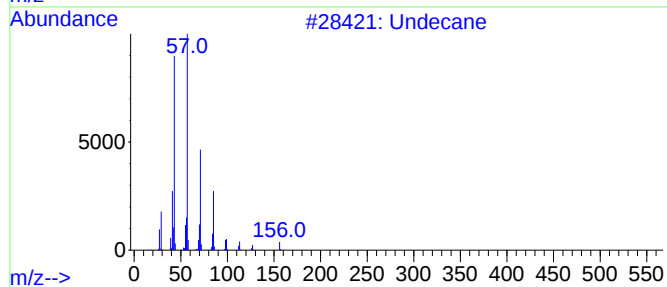
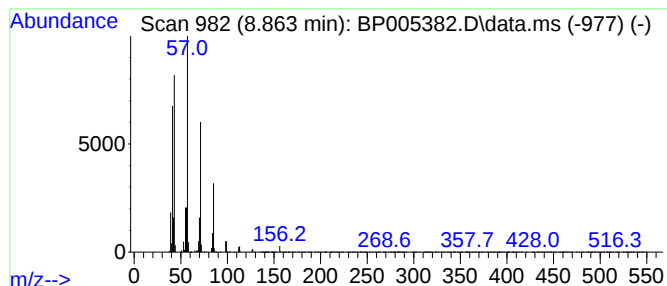
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.863	57.08 ng	709593	1,4-Dichlorobenzene-d4	7.646

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	86
2	Hexadecane			226	C16H34	000544-76-3	78
3	Tetradecane			198	C14H30	000629-59-4	72
4	Pentadecane, 7-methyl-			226	C16H34	006165-40-8	72
5	Decane			142	C10H22	000124-18-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
Data File : BP005382.D
Acq On : 22 Apr 2021 18:48
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Sample : M2098-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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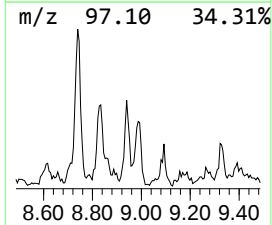
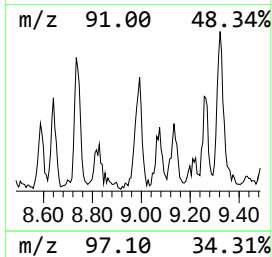
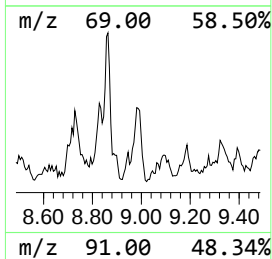
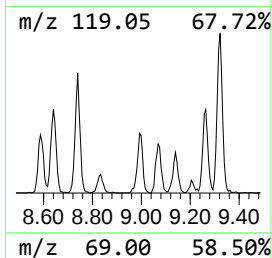
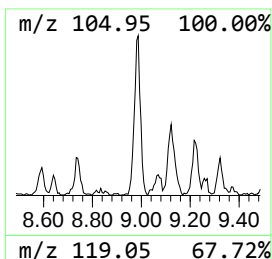
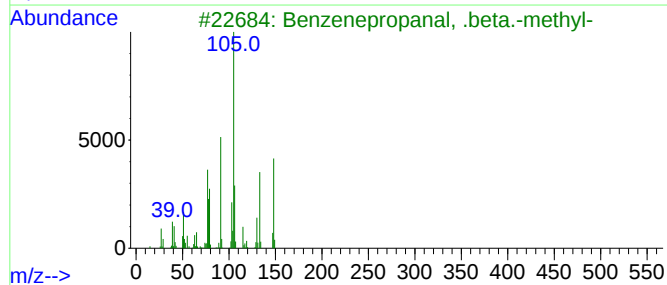
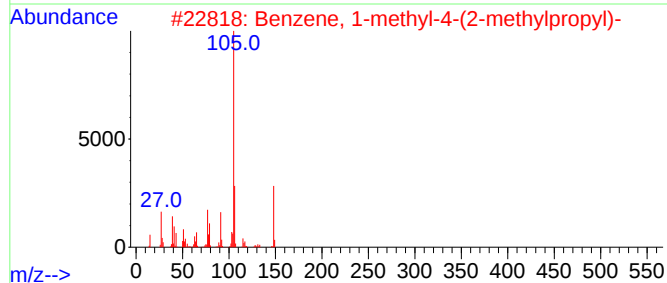
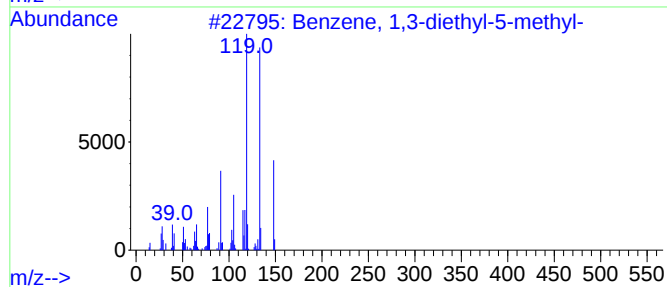
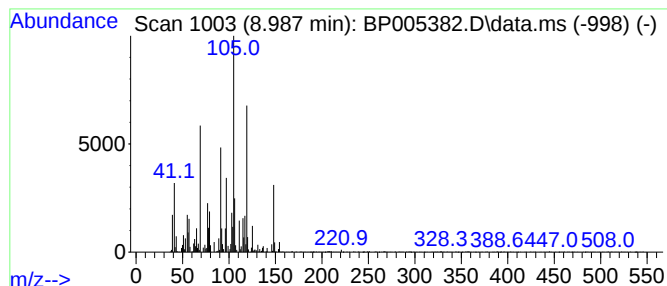
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown8.987 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.987	10.24 ng	127326	1,4-Dichlorobenzene-d4	7.646

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	43
2			Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	38
3			Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	27
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	22
5			Benzaldehyde, 4-methoxy-3-(4-met...	256	C16H16O3	351066-34-7	20



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
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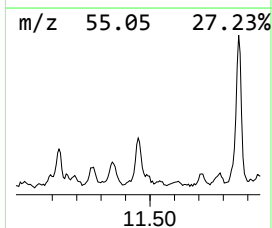
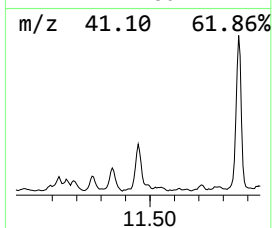
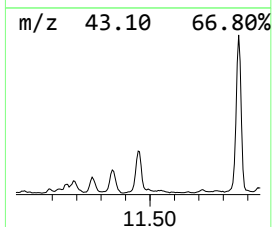
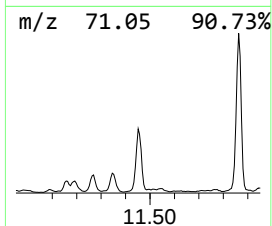
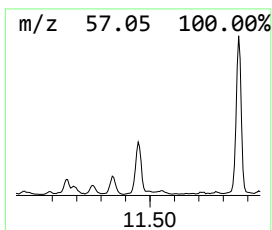
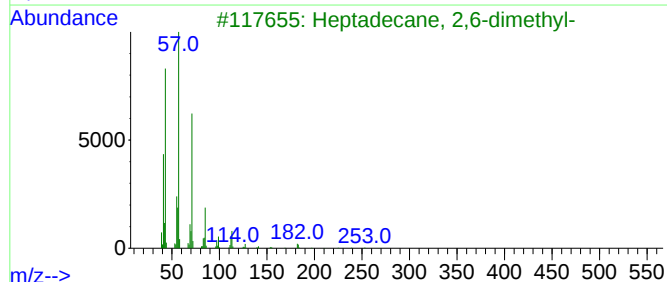
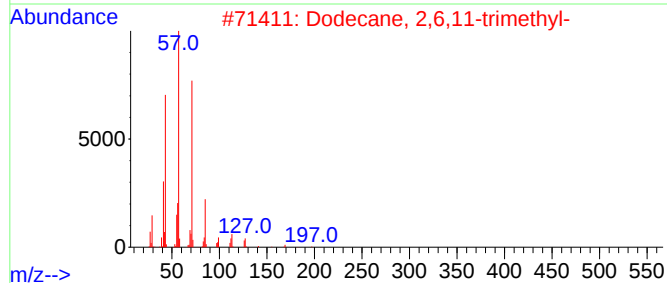
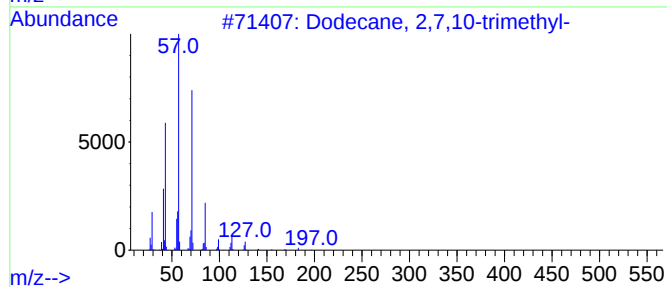
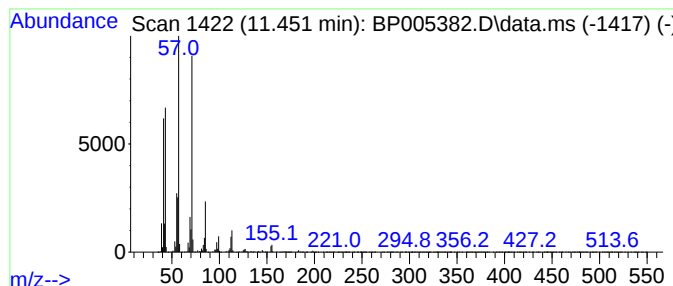
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane, 2,7,10-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.451	5.97 ng	485217	Naphthalene-d8	10.428	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	90
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	86
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
Data File : BP005382.D
Acq On : 22 Apr 2021 18:48
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Sample : M2098-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-01-042021

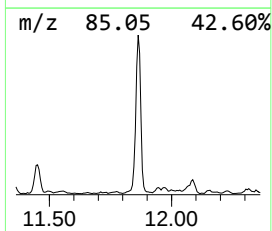
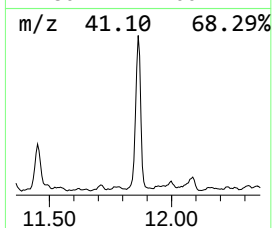
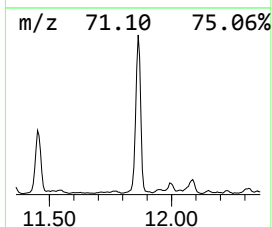
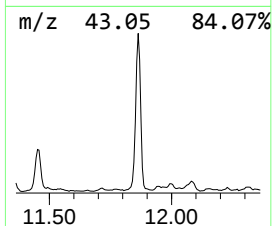
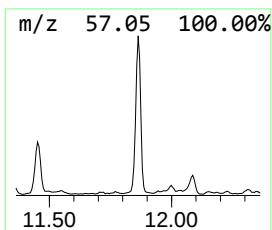
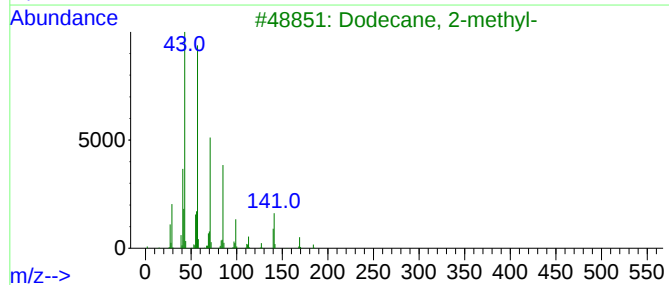
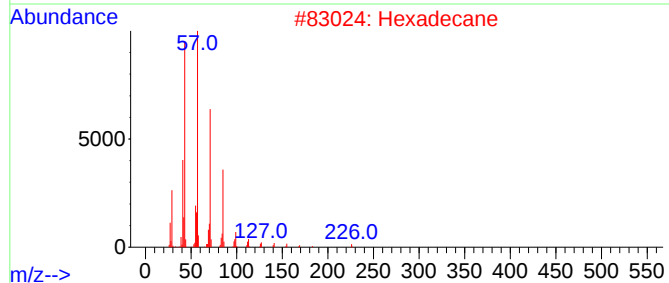
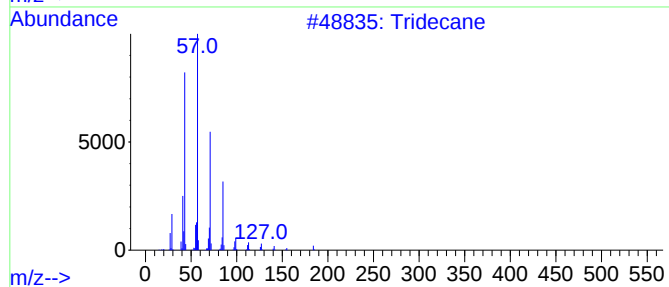
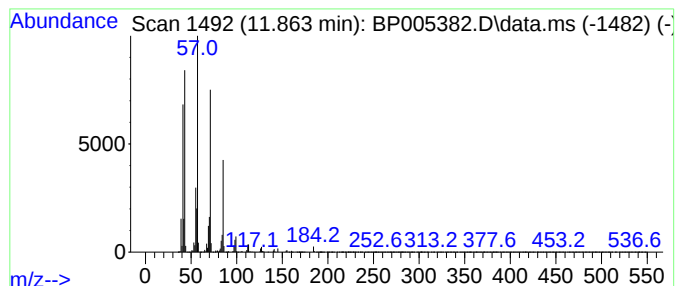
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	19.08 ng	1549990	Naphthalene-d8	10.428

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	86
4		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	78
5		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
Data File : BP005382.D
Acq On : 22 Apr 2021 18:48
Operator : CG/JU
Sample : M2098-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-01-042021

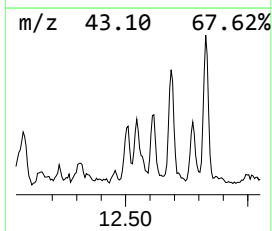
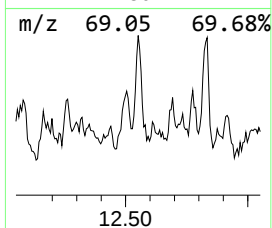
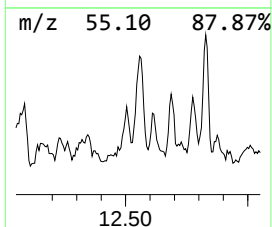
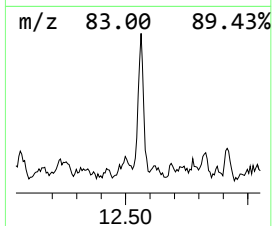
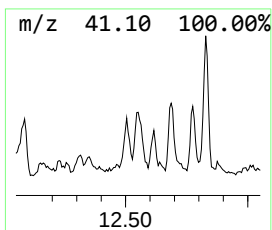
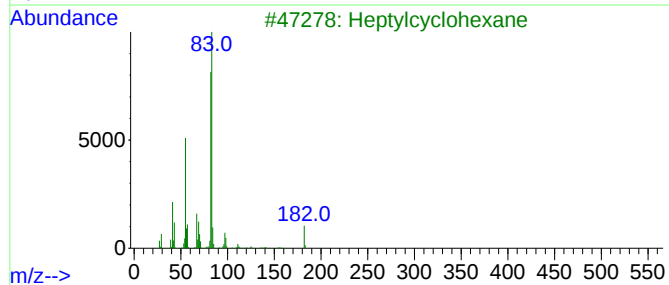
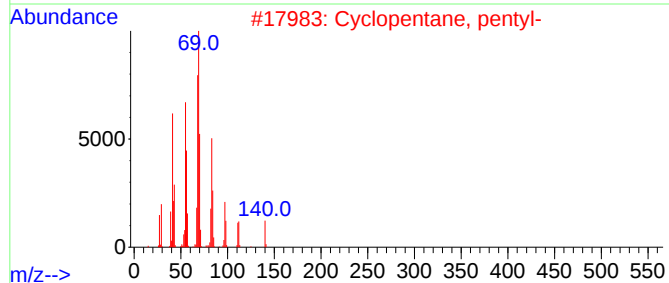
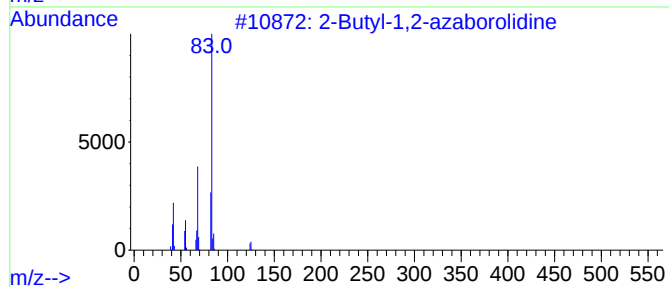
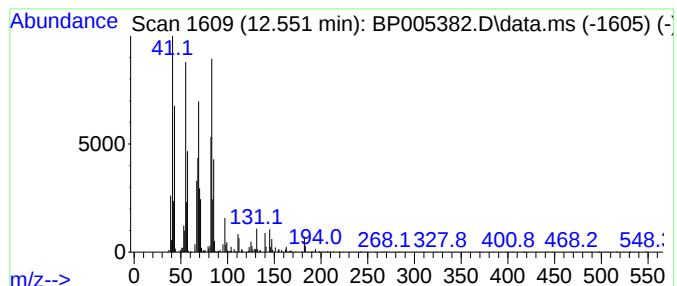
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown12.551 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.551	6.46 ng	177848	Acenaphthene-d10		14.304

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butyl-1,2-azaborolidine		125	C7H16BN	005357-10-8	38
2	Cyclopentane, pentyl-		140	C10H20	003741-00-2	38
3	Heptylcyclohexane		182	C13H26	005617-41-4	38
4	3-Octene, 2,2-dimethyl-		140	C10H20	086869-76-3	25
5	3-Tridecene, (Z)-		182	C13H26	041446-53-1	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
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ClientSampleId :
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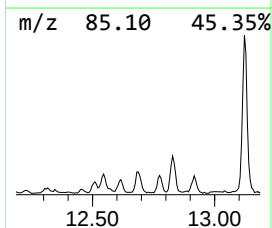
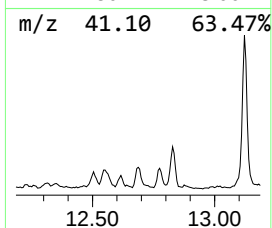
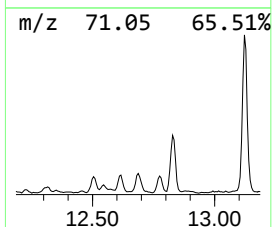
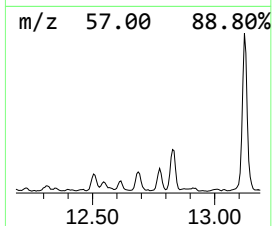
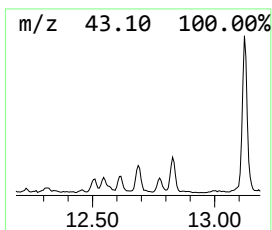
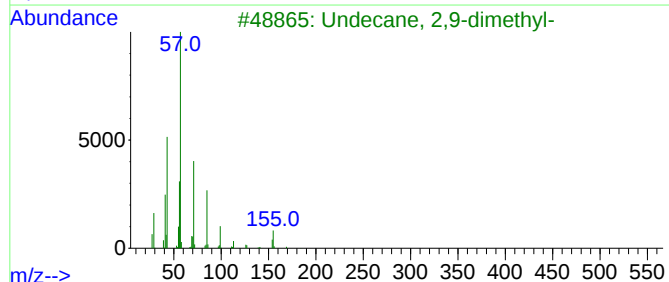
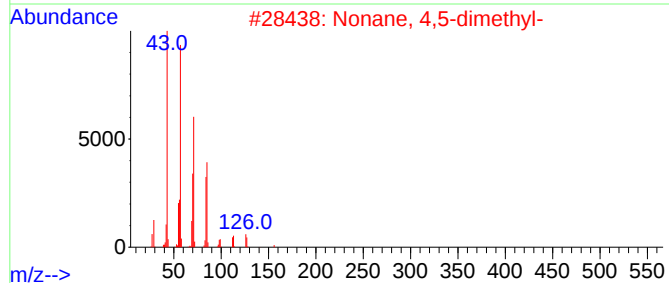
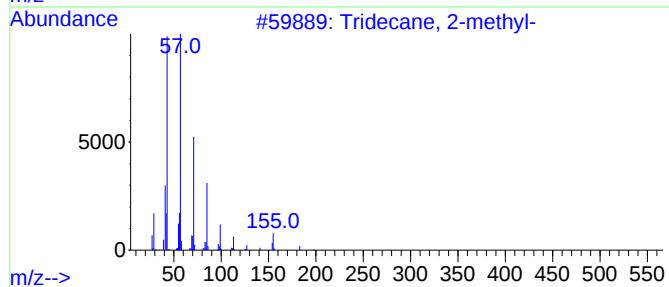
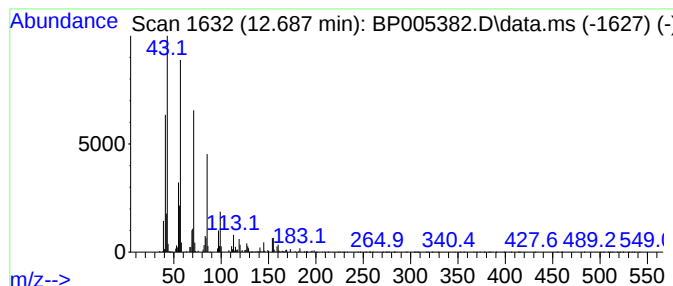
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tridecane, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.687	5.50 ng	151322	Acenaphthene-d10	14.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2-methyl-	198	C14H30	001560-96-9	91
2			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	81
3			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	80
4			Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	68
5			Decane, 2-methyl-	156	C11H24	006975-98-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
Data File : BP005382.D
Acq On : 22 Apr 2021 18:48
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Sample : M2098-01 2X
Misc :
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Instrument :
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ClientSampleId :
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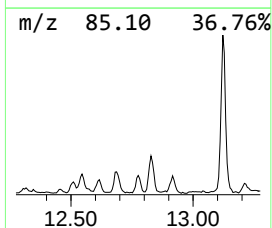
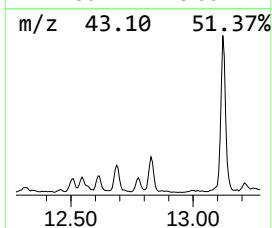
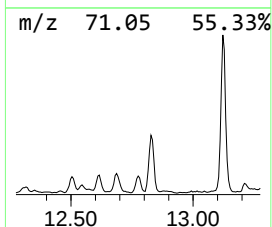
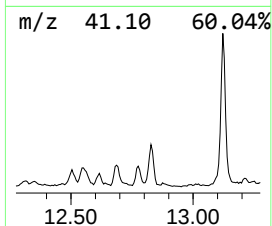
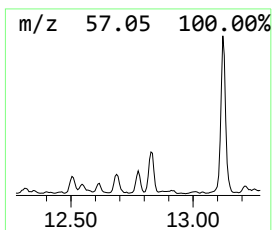
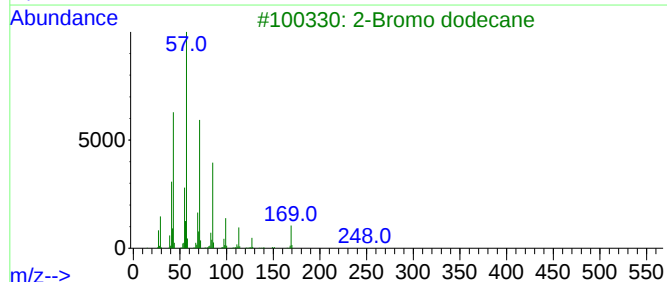
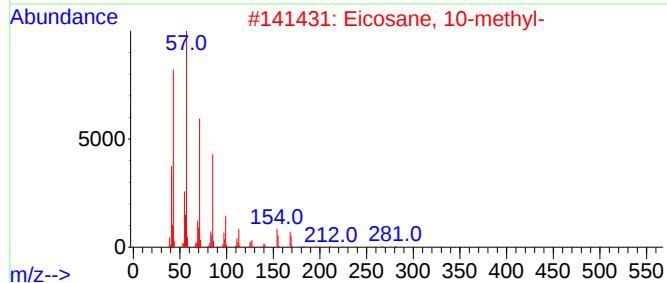
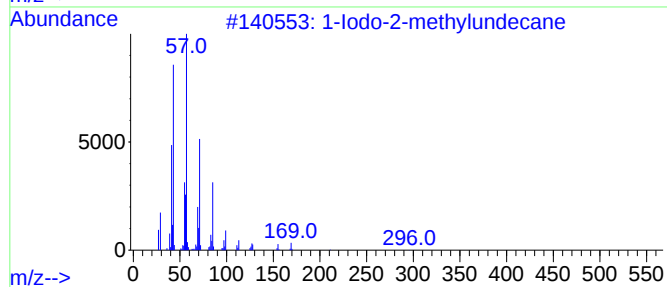
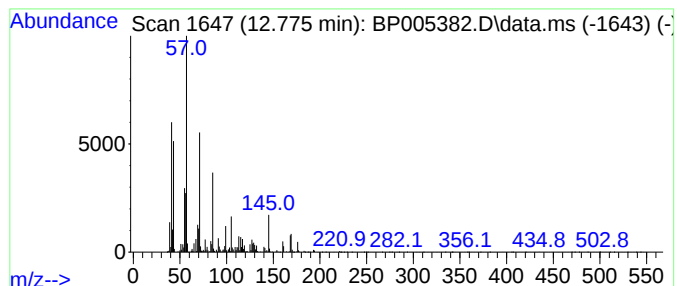
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-Iodo-2-methylundecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	7.06 ng	194336	Acenaphthene-d10	14.304

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	70
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	68
4		3,5-Dimethyldodecane	198	C14H30	107770-99-0	59
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
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Sample : M2098-01 2X
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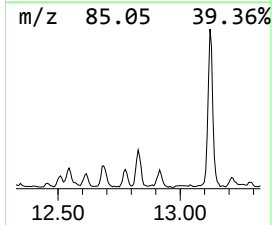
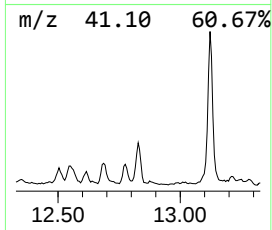
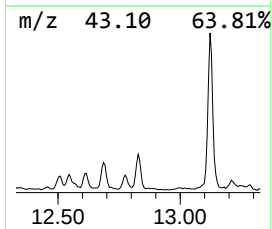
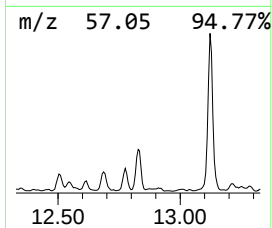
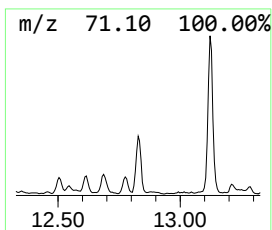
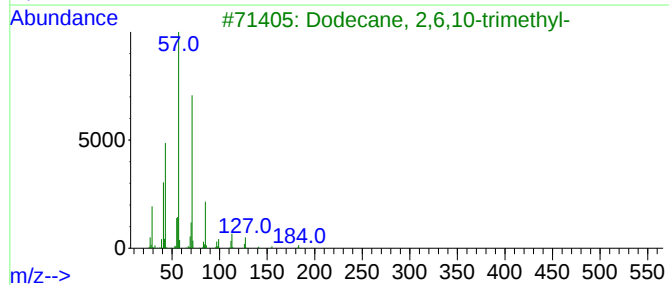
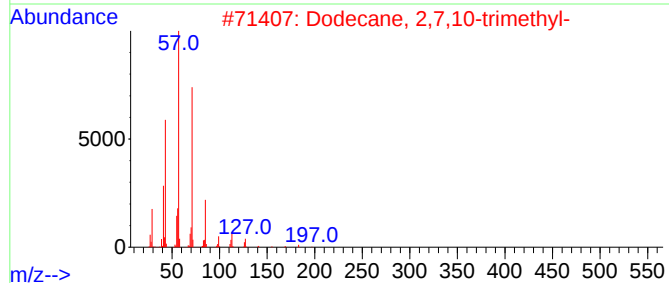
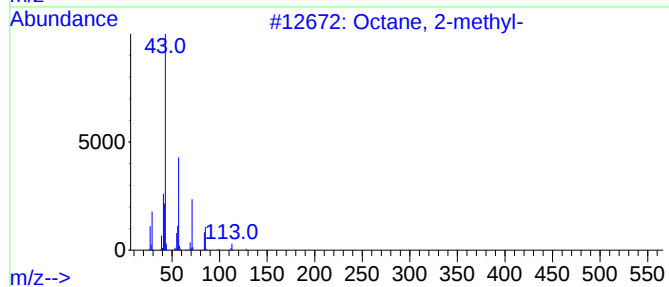
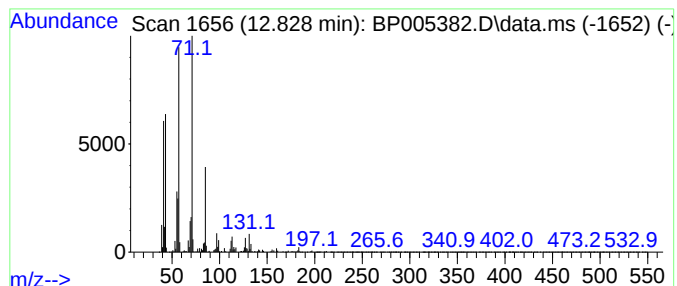
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.828	14.08 ng	387498	Acenaphthene-d10			14.304
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-		128	C9H20	003221-61-2	83
2	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	72
3	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	72
4	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	64
5	Sulfurous acid, nonyl pentyl ester		278	C14H30O3S	1000309-14-2	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
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Sample : M2098-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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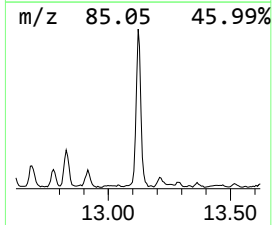
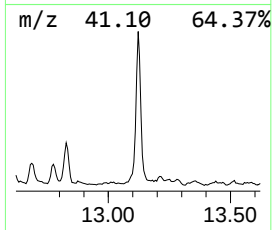
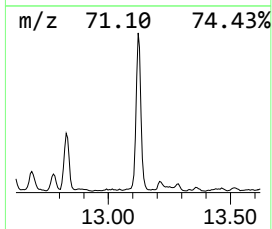
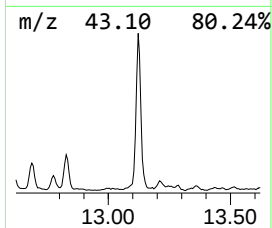
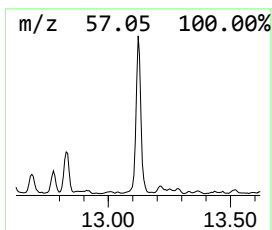
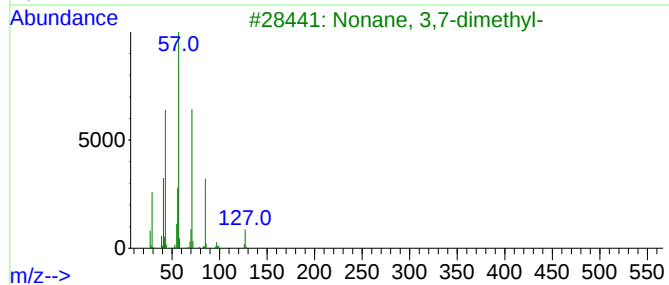
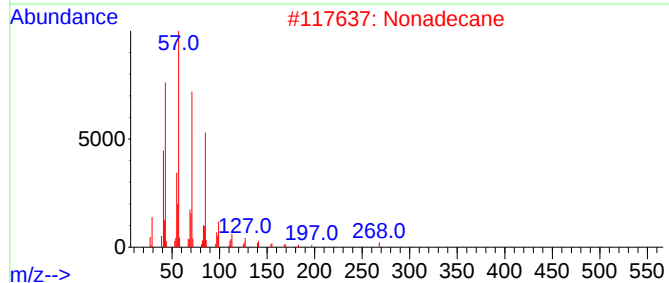
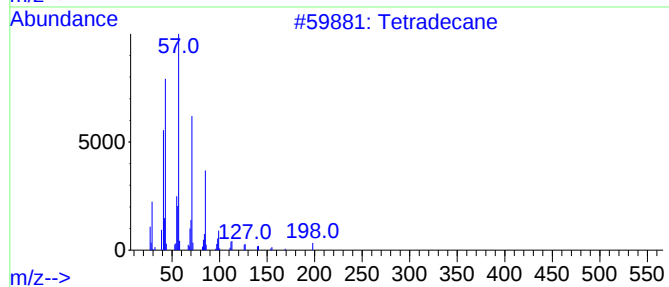
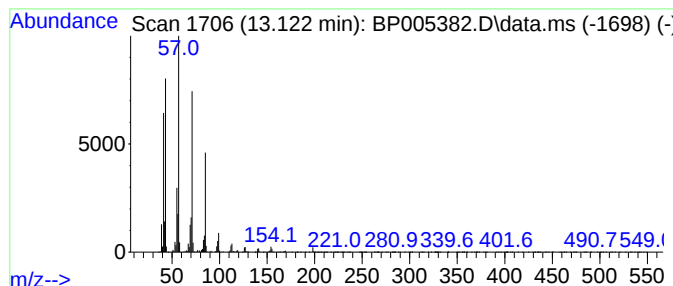
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.122	41.65 ng	1146350	Acenaphthene-d10	14.304

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	94
2		Nonadecane	268	C19H40	000629-92-5	90
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
4		Hexadecane	226	C16H34	000544-76-3	80
5		Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
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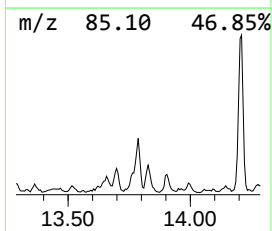
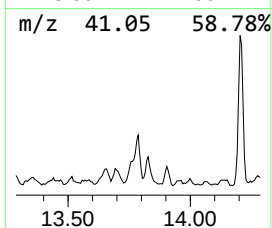
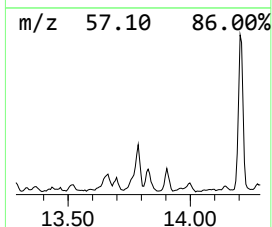
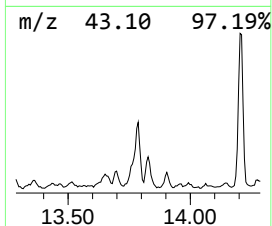
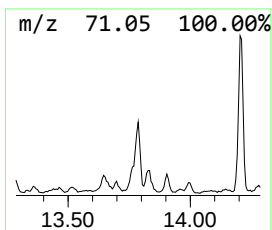
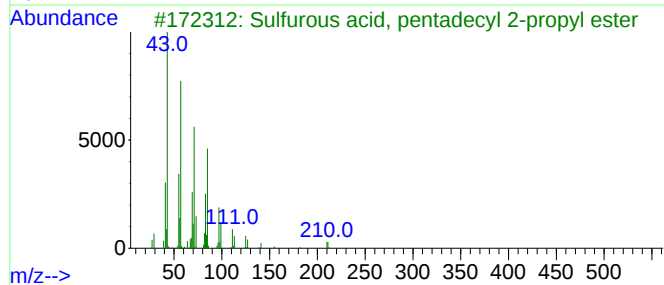
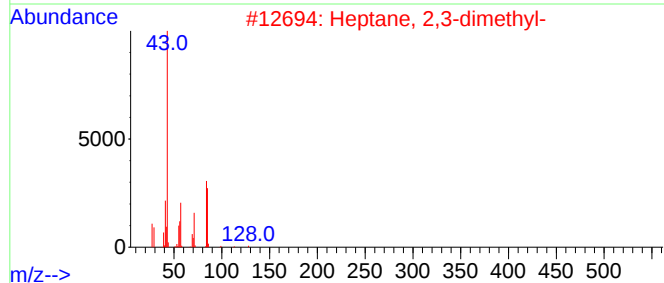
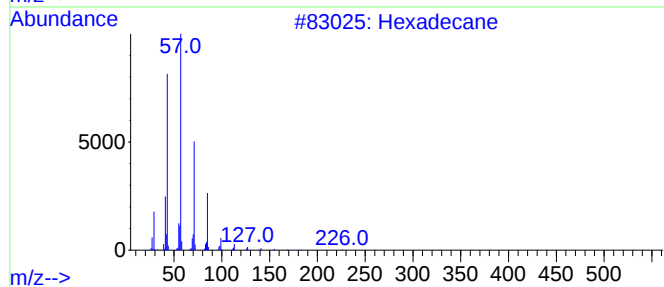
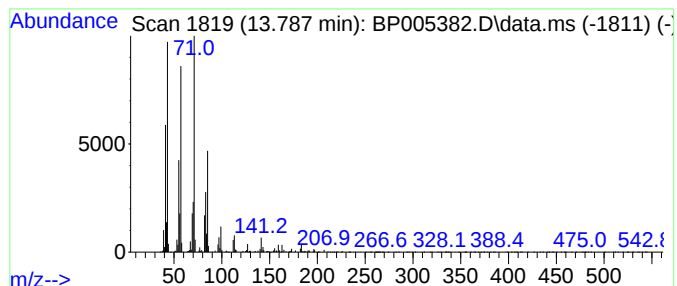
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.787	11.85 ng	326195	Acenaphthene-d10		14.304	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	70
2	Heptane, 2,3-dimethyl-		128	C9H20	003074-71-3	64
3	Sulfurous acid, pentadecyl 2-pro...		334	C18H38O3S	1000309-12-6	53
4	Sulfurous acid, dodecyl pentyl e...		320	C17H36O3S	1000309-14-5	53
5	Pentadecane		212	C15H32	000629-62-9	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
Data File : BP005382.D
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Operator : CG/JU
Sample : M2098-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

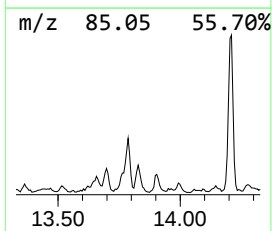
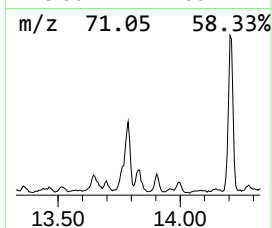
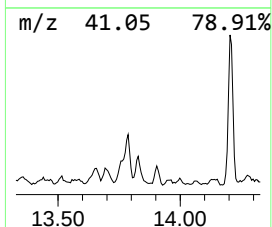
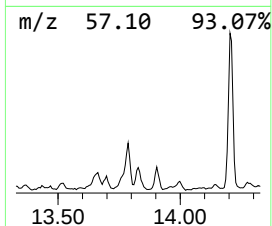
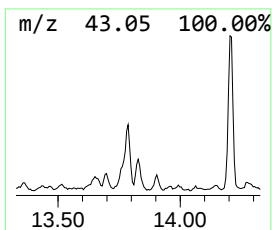
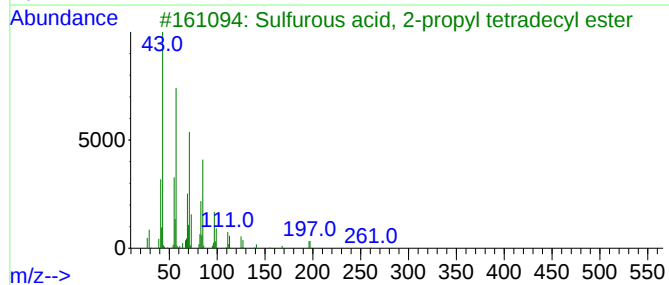
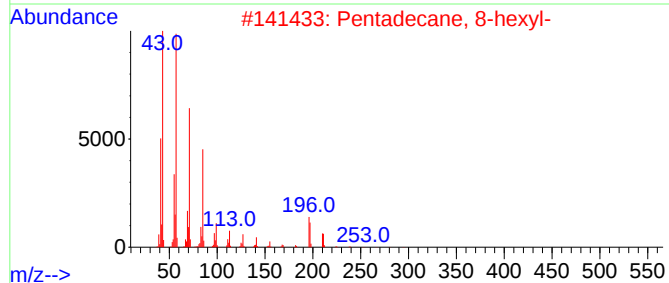
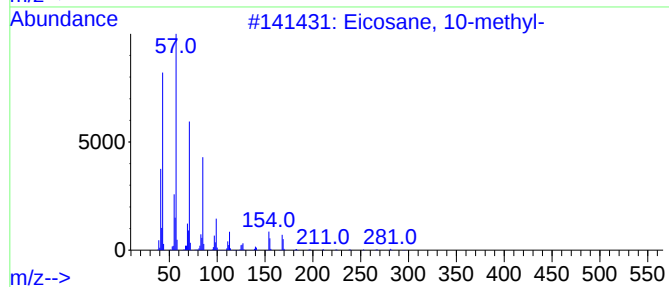
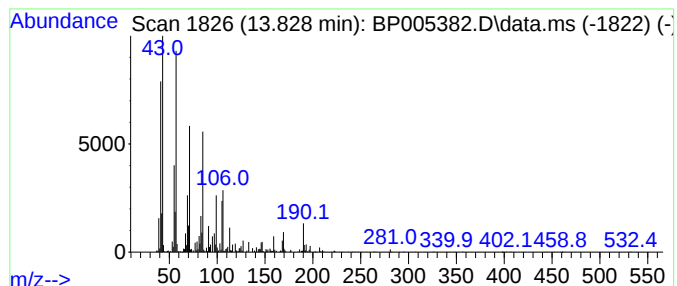
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BNA_P
ClientSampleId :
HR-01-042021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Eicosane, 10-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.828	4.99 ng	137316	Acenaphthene-d10	14.304	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	83
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	60
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	49
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	49
5	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
Data File : BP005382.D
Acq On : 22 Apr 2021 18:48
Operator : CG/JU
Sample : M2098-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-01-042021

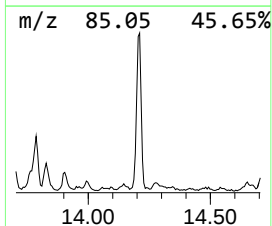
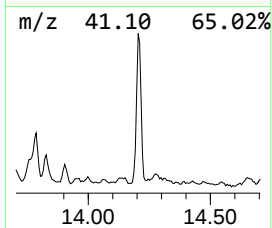
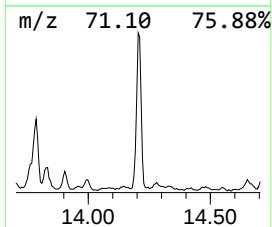
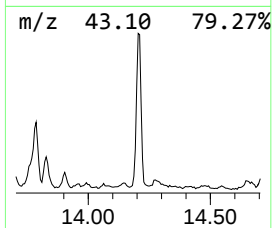
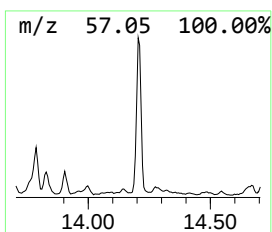
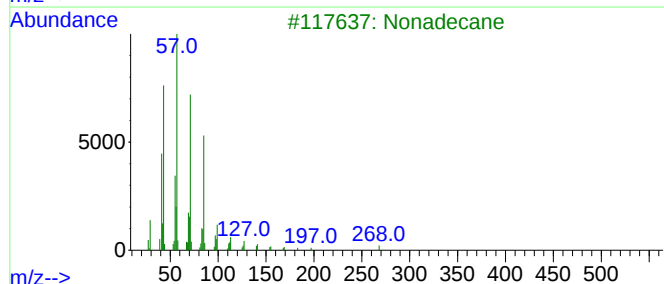
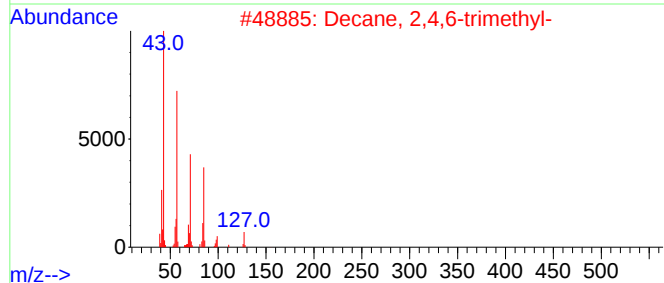
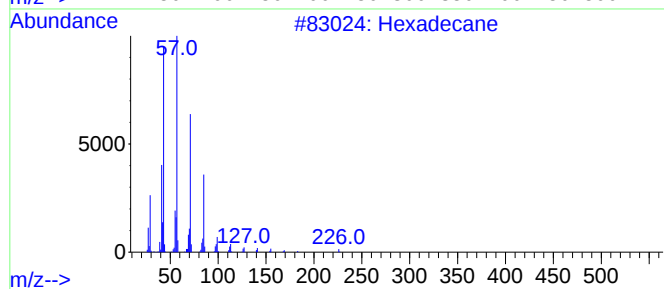
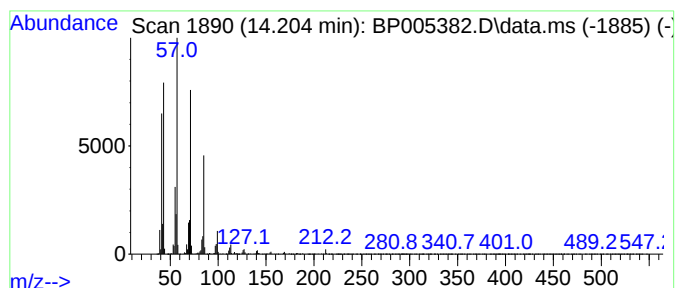
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Decane, 2,4,6-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.204	22.14 ng	609503	Acenaphthene-d10	14.304

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	90
2		Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	86
3		Nonadecane	268	C19H40	000629-92-5	86
4		Dodecane	170	C12H26	000112-40-3	83
5		Tridecane, 3-methyl-	198	C14H30	006418-41-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
Data File : BP005382.D
Acq On : 22 Apr 2021 18:48
Operator : CG/JU
Sample : M2098-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-01-042021

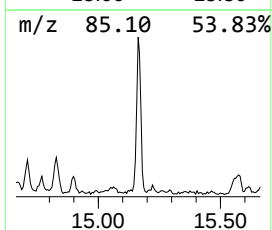
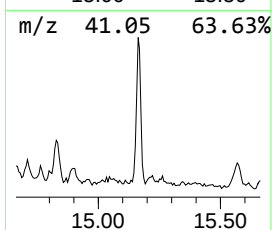
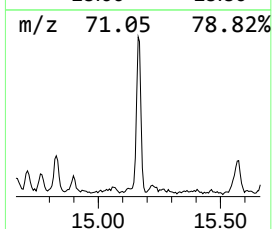
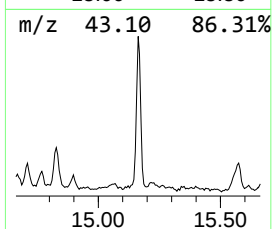
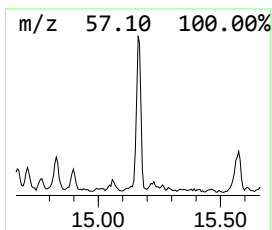
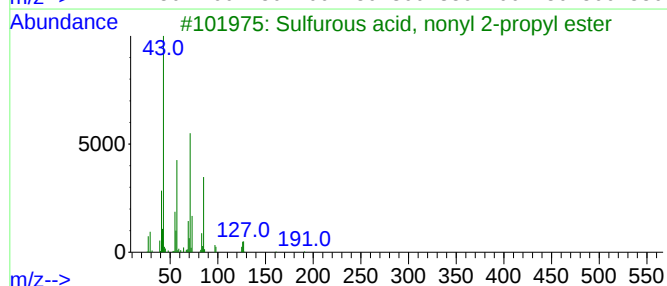
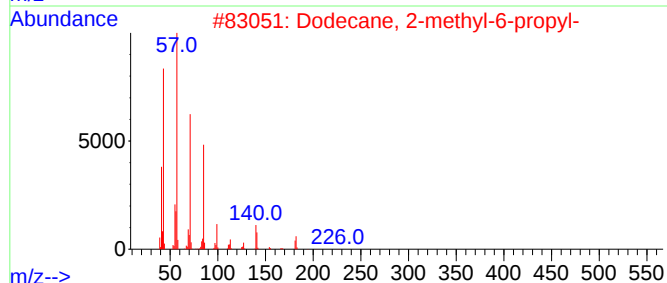
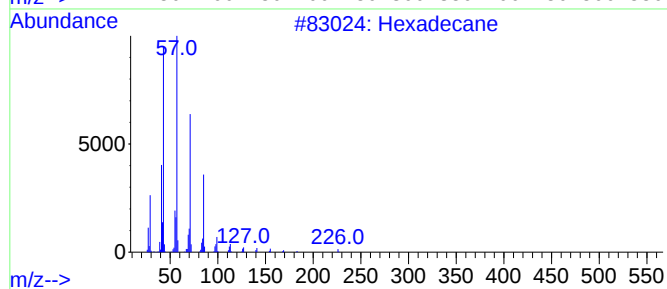
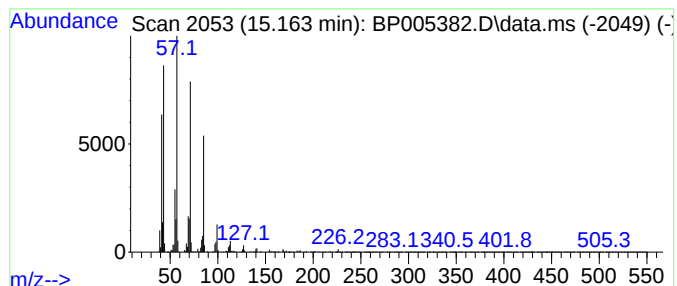
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dodecane, 2-methyl-6-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.163	9.55 ng	262765	Acenaphthene-d10	14.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	94
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
3			Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	80
4			Sulfurous acid, isohexyl pentyl ...	236	C11H24O3S	1000309-14-0	72
5			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
Data File : BP005382.D
Acq On : 22 Apr 2021 18:48
Operator : CG/JU
Sample : M2098-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

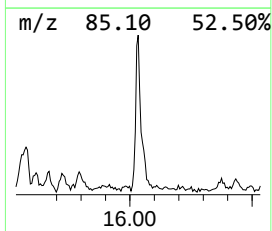
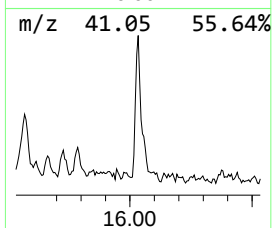
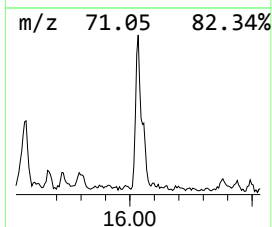
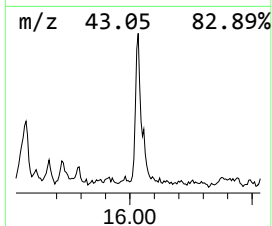
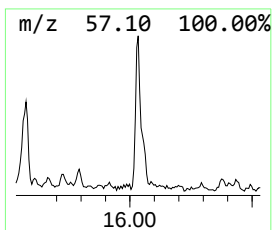
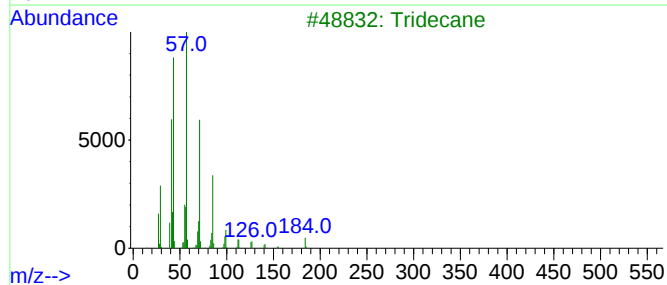
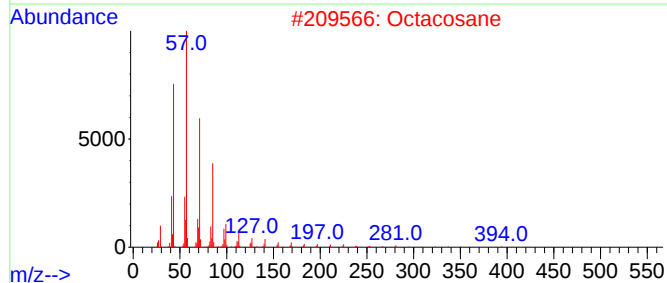
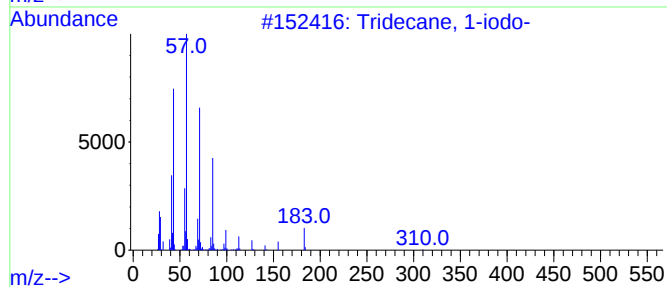
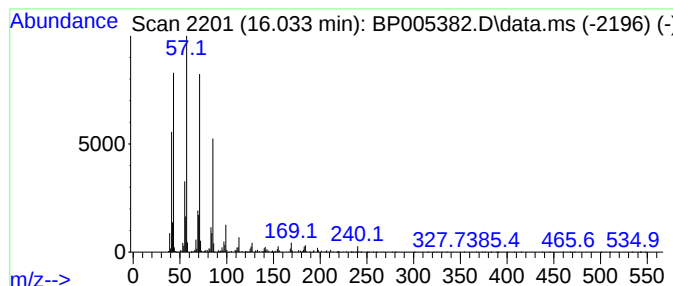
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tridecane, 1-iodo- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.034	6.40 ng	174267	Phenanthrene-d10		17.069	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	91
2	Octacosane		394	C28H58	000630-02-4	91
3	Tridecane		184	C13H28	000629-50-5	90
4	Tetradecane		198	C14H30	000629-59-4	90
5	Sulfurous acid, 2-propyl tetradec...		320	C17H36O3S	1000309-12-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
 Data File : BP005382.D
 Acq On : 22 Apr 2021 18:48
 Operator : CG/JU
 Sample : M2098-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HR-01-042021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042121.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
Decane	7.263	12.9	ng	160573	1	7.646	248650	20.0
Cyclohexane, bu...	7.916	5.0	ng	62385	1	7.646	248650	20.0
Nonane, 4,5-dim...	8.163	5.9	ng	73172	1	7.646	248650	20.0
Heptadecane, 2,...	8.287	11.3	ng	140295	1	7.646	248650	20.0
Decane, 3-methyl-	8.399	7.0	ng	87710	1	7.646	248650	20.0
p-Cymene	8.740	7.7	ng	95574	1	7.646	248650	20.0
Undecane	8.863	57.1	ng	709593	1	7.646	248650	20.0
unknown8.987	8.987	10.2	ng	127326	1	7.646	248650	20.0
Dodecane, 2,7,1...	11.451	6.0	ng	485217	2	10.428	1624750	20.0
Tridecane	11.863	19.1	ng	1549990	2	10.428	1624750	20.0
unknown12.551	12.551	6.5	ng	177848	3	14.304	550511	20.0
Tridecane, 2-me...	12.687	5.5	ng	151322	3	14.304	550511	20.0
1-Iodo-2-methyl...	12.775	7.1	ng	194336	3	14.304	550511	20.0
Octane, 2-methyl-	12.828	14.1	ng	387498	3	14.304	550511	20.0
Tetradecane	13.122	41.6	ng	1146350	3	14.304	550511	20.0
Hexadecane	13.787	11.9	ng	326195	3	14.304	550511	20.0
Eicosane, 10-me...	13.828	5.0	ng	137316	3	14.304	550511	20.0
Decane, 2,4,6-t...	14.204	22.1	ng	609503	3	14.304	550511	20.0
Dodecane, 2-met...	15.163	9.6	ng	262765	3	14.304	550511	20.0
Tridecane, 1-iodo-	16.034	6.4	ng	174267	4	17.069	544545	20.0