LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007956.D
Acq On : 11 Nov 2021 21:11
Operator : CG/JU
Sample : M4630-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13E-25.5-26

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-BP110221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007956.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.393	184	188	198	rVB	186278	262029	2.24%	0.159%
2	4.799	248	257	262	rBV	160875	230296	1.97%	0.140%
3	4.969	277	286	288	rVV4	84615	224173	1.92%	0.136%
4	4.999	288	291	296	rVV	187124	245346	2.10%	0.149%
5	5.052	296	300	306	rVV	316035	501372	4.28%	0.304%
6	5.216	324	328	332	rBV	211535	274012	2.34%	0.166%
7	5.305	337	343	345	rVV2	418304	754748	6.45%	0.457%
8	5.334	345	348	356	rVB2	493975	687099	5.87%	0.416%
9	5.434	356	365	372	rBV	3382508	5140460	43.93%	3.116%
10	5.546	376	384	394	rVB4	98525	284209	2.43%	0.172%
11	5.658	394	403	409	rBV3	190242	353612	3.02%	0.214%
12	5.734	409	416	420	rBV3	369120	686527	5.87%	0.416%
13	5.811	424	429	433	rBV	637557	909736	7.77%	0.551%
14	5.875	433	440	447	rVB	2206913	3312393	28.31%	2.008%
15	5.952	447	453	462	rBV3	257976	416844	3.56%	0.253%
16	6.034	462	467	475	rVB2	126248	221919	1.90%	0.135%
17	6.128	475	483	491	rBV3	969744	2192372	18.74%	1.329%
18	6.252	497	504	510	rVB2	532901	1094239	9.35%	0.663%
19	6.346	514	520	527	rBV3	913346	1946628	16.64%	1.180%
20	6.416	527	532	536	rBV	1807709	2579112	22.04%	1.563%
21	6.493	536	545	548	rBV3	1580315	3080891	26.33%	1.867%
22	6.528	548	551	557	rVB	1195020	1685886	14.41%	1.022%
23	6.611	557	565	570	rVB3	327494	657783	5.62%	0.399%
24	6.669	570	575	582	rVB4	390123	709634	6.06%	0.430%
25	6.758	582	590	595	rVB2	818434	1933295	16.52%	1.172%
26	6.816	595	600	602	rBV	780705	1222238	10.44%	0.741%
27	6.852	602	606	611	rVB2	1850670	2749044	23.49%	1.666%
28	6.905	611	615	619	rBV	1568412	2220342	18.97%	1.346%
29	6.946	619	622	626	rVB2	499748	657785	5.62%	0.399%
30	7.022	626	635	641	rBV3	3424168	7789436	66.57%	4.722%
31	7.075	641	644	649	rVB	880223	1186492	10.14%	0.719%
32	7.181	657	662	667	rVB2	402730	779808	6.66%	0.473%
33	7.240	667	672	676	rBV2	678392	1037772	8.87%	0.629%
34	7.275	676	678	681	rBV3	179472	211845	1.81%	0.128%
35	7.310	681	684	686	rBV2	369864	493874	4.22%	0.299%
36	7.340	686	689	694	rVV	793907	1106305	9.45%	0.671%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
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Acq On : 11 Nov 2021 21:11
Operator : CG/JU
Sample : M4630-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13E-25.5-26

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-BP110221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.416	698	702	708	rVB2	549567	1008120	8.62%	0.611%
38	7.487	708	714	721	rBV2	3697477	7174933	61.31%	4.349%
39	7.575	725	729	734	rVB2	431600	745960	6.37%	0.452%
40	7.669	741	745	747	rBV3	420059	677101	5.79%	0.410%
41	7.758	755	760	761	rBV2	593572	824164	7.04%	0.500%
42	7.840	768	774	779	rVB2	3548429	5835597	49.87%	3.537%
43	7.893	779	783	784	rBV	282235	309546	2.65%	0.188%
44	7.928	784	789	792	rVV3	617337	1232168	10.53%	0.747%
45	7.969	792	796	803	rVV2	1133032	2057802	17.59%	1.247%
46	8.046	804	809	813	rVV2	973549	1466160	12.53%	0.889%
47	8.087	813	816	818	rVV2	181029	224569	1.92%	0.136%
48	8.146	818	826	832	rVB4	1583700	3595275	30.72%	2.179%
49	8.205	832	836	844	rVB3	519130	916772	7.83%	0.556%
50	8.299	847	852	856	rBV3	410069	670835	5.73%	0.407%
51	8.393	856	868	874	rBV4	1713726	4008629	34.26%	2.430%
52	8.452	874	878	881	rVB	995636	1192280	10.19%	0.723%
53	8.493	881	885	887	rBV2	1146429	1594289	13.62%	0.966%
54	8.522	887	890	894	rVB	1424399	1831244	15.65%	1.110%
55	8.628	902	908	911	rBV	1521041	2460021	21.02%	1.491%
56	8.681	915	917	921	rVB	691879	902249	7.71%	0.547%
57	8.805	934	938	942	rBV	498440	754549	6.45%	0.457%
58	8.857	942	947	954	rVV	664356	1208716	10.33%	0.733%
59	8.963	954	965	969	rVV4	1864305	4402318	37.62%	2.668%
60	9.010	969	973	977	rVV	1631671	2923142	24.98%	1.772%
61	9.057	977	981	983	rVV4	875939	1535193	13.12%	0.931%
62	9.093	983	987	996	rVB	3426029	5596647	47.83%	3.392%
63	9.181	996	1002	1003	rBV3	687057	1154492	9.87%	0.700%
64	9.210	1003	1007	1013	rVB4	1229280	2516690	21.51%	1.526%
65	9.293	1013	1021	1024	rBV3	566350	1297865	11.09%	0.787%
66	9.346	1027	1030	1036	rVB5	797958	1295413	11.07%	0.785%
67	9.504	1050	1057	1060	rBV2	607350	1191672	10.18%	0.722%
68	9.540	1060	1063	1066	rVV	399319	501182	4.28%	0.304%
69	9.740	1090	1097	1100	rBV3	374376	734573	6.28%	0.445%
70	9.781	1100	1104	1109	rVV2	893252	1512532	12.93%	0.917%
71	9.834	1109	1113	1122	rVB5	753569	1731988	14.80%	1.050%
72	9.934	1122	1130	1135	rVB2	620648	1562658	13.35%	0.947%
73	10.004	1135	1142	1146	rBV3	753178	1189348	10.16%	0.721%
74	10.057	1146	1151	1153	rBV2	695418	1023872	8.75%	0.621%
75	10.087	1153	1156	1159	rVB	439794	522110	4.46%	0.316%
76	10.193	1169	1174	1178	rBV2	472609	824445	7.05%	0.500%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
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Acq On : 11 Nov 2021 21:11
Operator : CG/JU
Sample : M4630-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13E-25.5-26

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-BP110221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.234	1179	1181	1186	rVB4	208902	323226	2.76%	0.196%
78	10.352	1196	1201	1205	rBV	256433	423642	3.62%	0.257%
79	10.434	1211	1215	1220	rVB4	230115	393911	3.37%	0.239%
80	10.522	1225	1230	1232	rVV4	200206	335806	2.87%	0.204%
81	10.557	1233	1236	1241	rVV3	248903	481891	4.12%	0.292%
82	10.634	1242	1249	1256	rVV2	1951746	3836180	32.78%	2.325%
83	10.699	1256	1260	1268	rVV	509041	1081991	9.25%	0.656%
84	10.769	1268	1272	1277	rVV5	186858	390079	3.33%	0.236%
85	10.822	1277	1281	1286	rVV	542234	788950	6.74%	0.478%
86	10.875	1286	1290	1298	rVV4	127707	255153	2.18%	0.155%
87	11.357	1361	1372	1380	rBV7	138375	380872	3.25%	0.231%
88	11.687	1422	1428	1436	rBV2	149061	302460	2.58%	0.183%
89	12.081	1489	1495	1504	rVB	185660	279770	2.39%	0.170%
90	12.304	1525	1533	1540	rVB	122109	238833	2.04%	0.145%
91	13.110	1662	1670	1677	rBV	4018109	5755822	49.19%	3.489%
92	14.487	1897	1904	1911	rVB	921678	1395247	11.92%	0.846%
93	15.981	2151	2158	2168	rBV	4143360	5871366	50.17%	3.559%
94	17.239	2364	2372	2383	rBV	1311382	1914924	16.36%	1.161%
95	18.139	2516	2525	2534	rBV	303720	441603	3.77%	0.268%
96	19.369	2730	2734	2743	rBV	139429	211981	1.81%	0.128%
97	19.810	2803	2809	2814	rBV	9486827	11701828	100.00%	7.093%
98	21.045	3016	3019	3027	rBV	296320	413807	3.54%	0.251%
99	21.333	3063	3068	3073	rBV	2209433	2808101	24.00%	1.702%
100	23.739	3470	3477	3487	rVB2	1452267	2900203	24.78%	1.758%

Sum of corrected areas: 164974321

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007956.D
Acq On : 11 Nov 2021 21:11
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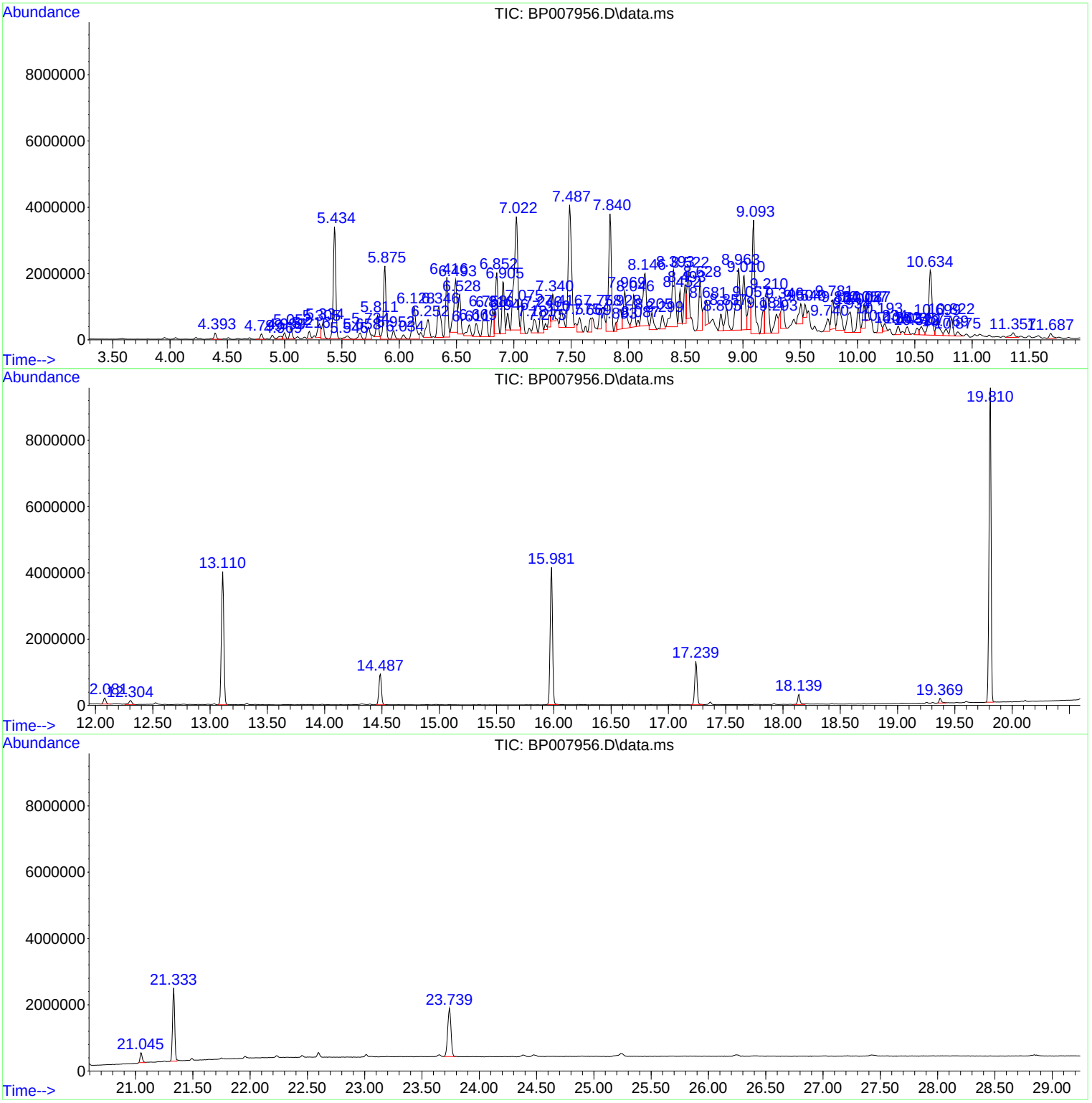
Sample : M4630-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13E-25.5-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007956.D
Acq On : 11 Nov 2021 21:11
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Sample : M4630-03
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Instrument :
BNA_P
ClientSampleId :
SB-13E-25.5-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

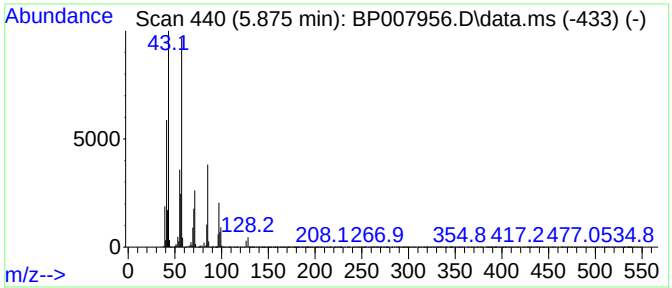
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

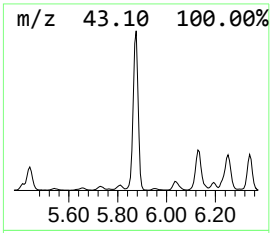
****

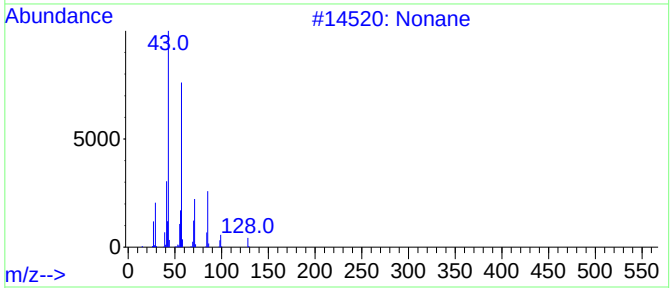
Peak Number 1 Nonane Concentration Rank 5

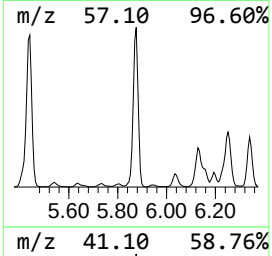
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.875	11.35 ng	3312390	1,4-Dichlorobenzene-d4	7.846

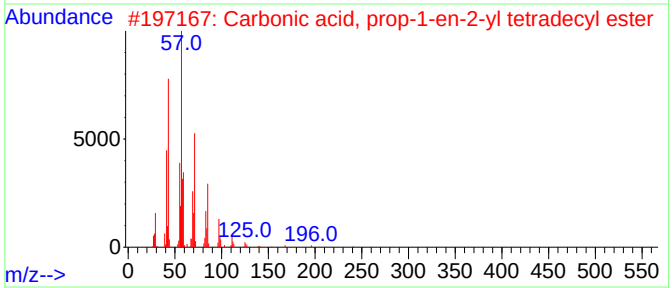
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	94
2	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	53
3	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	53
4	Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	50
5	Octane	114	C8H18	000111-65-9	47

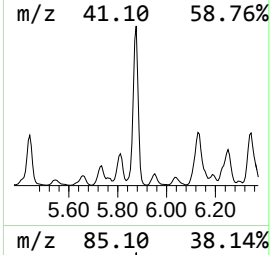


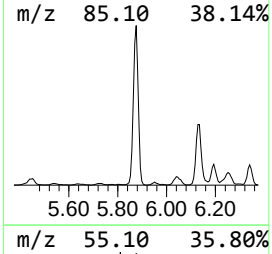


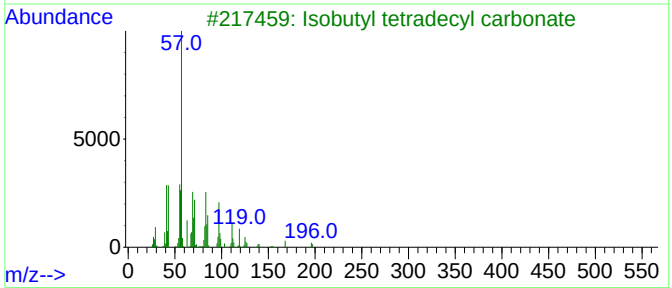


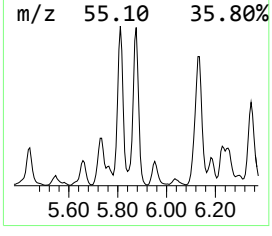












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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13E-25.5-26

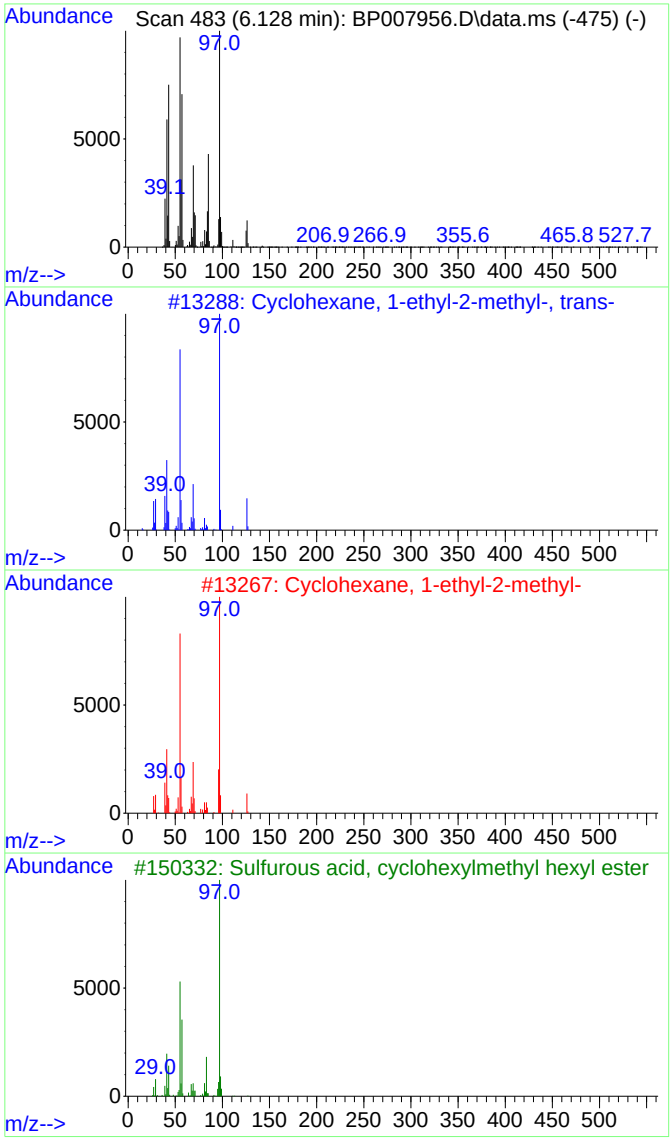
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

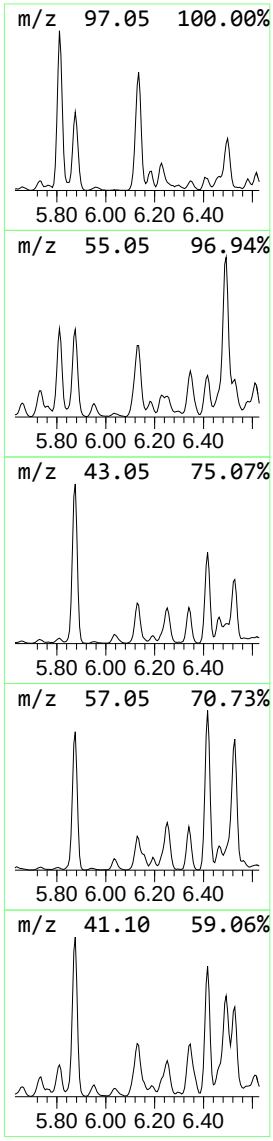
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.128	7.51 ng	2192370	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	53
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	53
3	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1010309-21-6	50
4	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	50
5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007956.D
Acq On : 11 Nov 2021 21:11
Operator : CG/JU
Sample : M4630-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13E-25.5-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

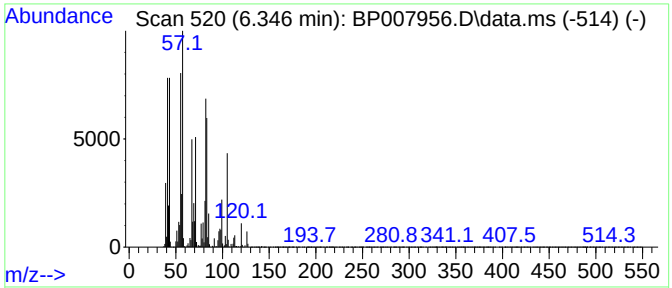
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

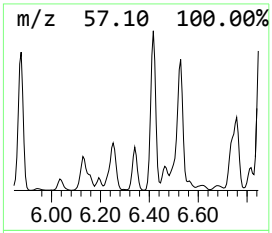
****

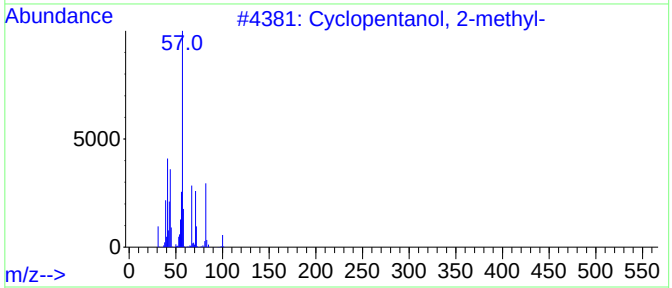
Peak Number 3 unknown6.346 Concentration Rank 19

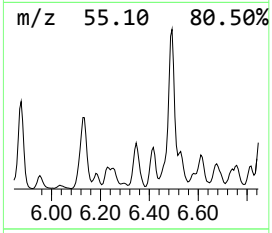
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.346	6.67 ng	1946630	1,4-Dichlorobenzene-d4	7.846

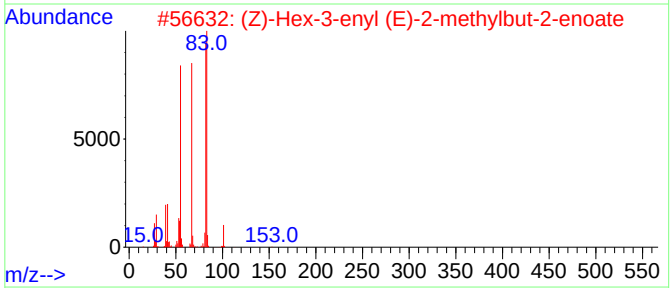
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanol, 2-methyl-	100	C6H12O	024070-77-7	47
2	(Z)-Hex-3-enyl (E)-2-methylbut-2...	182	C11H18O2	067883-79-8	43
3	Butanoic acid, 3-hexenyl ester, ...	170	C10H18O2	016491-36-4	35
4	Glutaric acid, cyclohexylmethyl ...	310	C18H30O4	1000394-02-8	27
5	3-Hexen-1-ol	100	C6H12O	000544-12-7	25

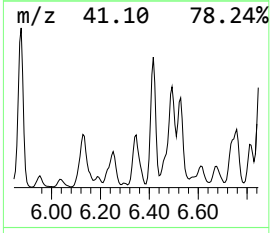


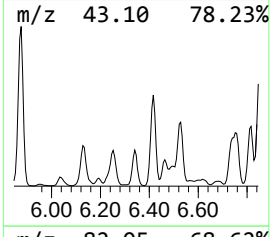


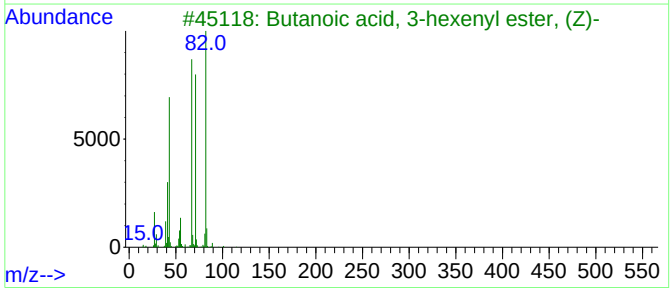


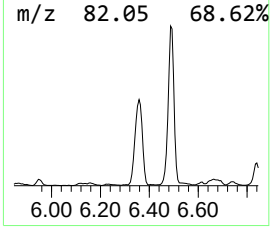












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Acq On : 11 Nov 2021 21:11
Operator : CG/JU
Sample : M4630-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13E-25.5-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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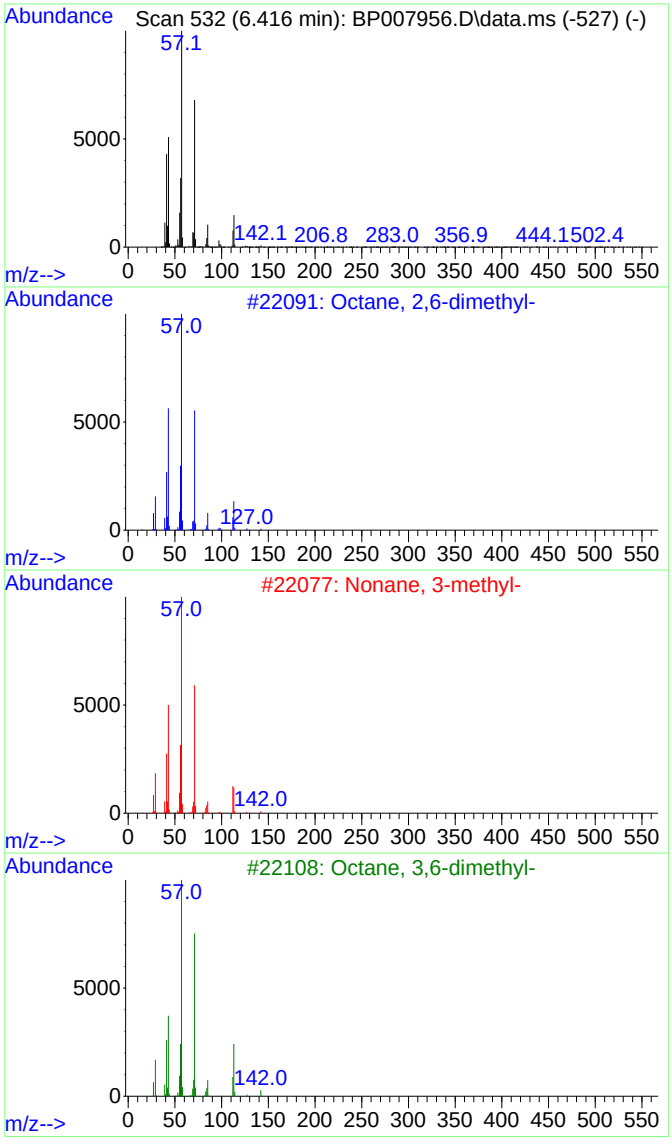
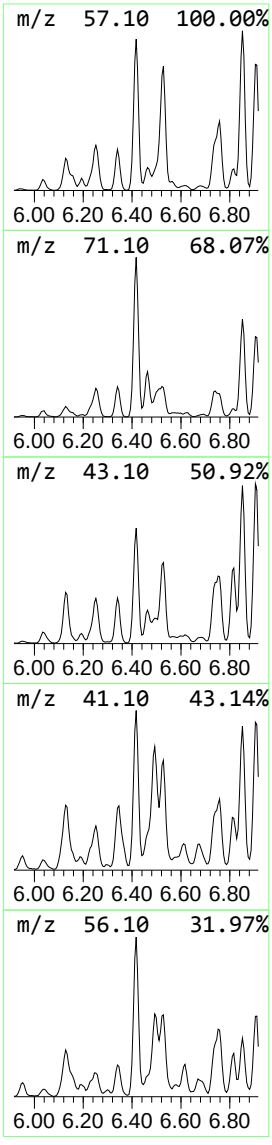
Peak Number 4 Octane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.416	8.84 ng	2579110	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	93
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
4	Octane, 2-bromo-	192	C8H17Br	000557-35-7	50
5	Octane, 2-iodo-	240	C8H17I	000557-36-8	50





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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-13E-25.5-26

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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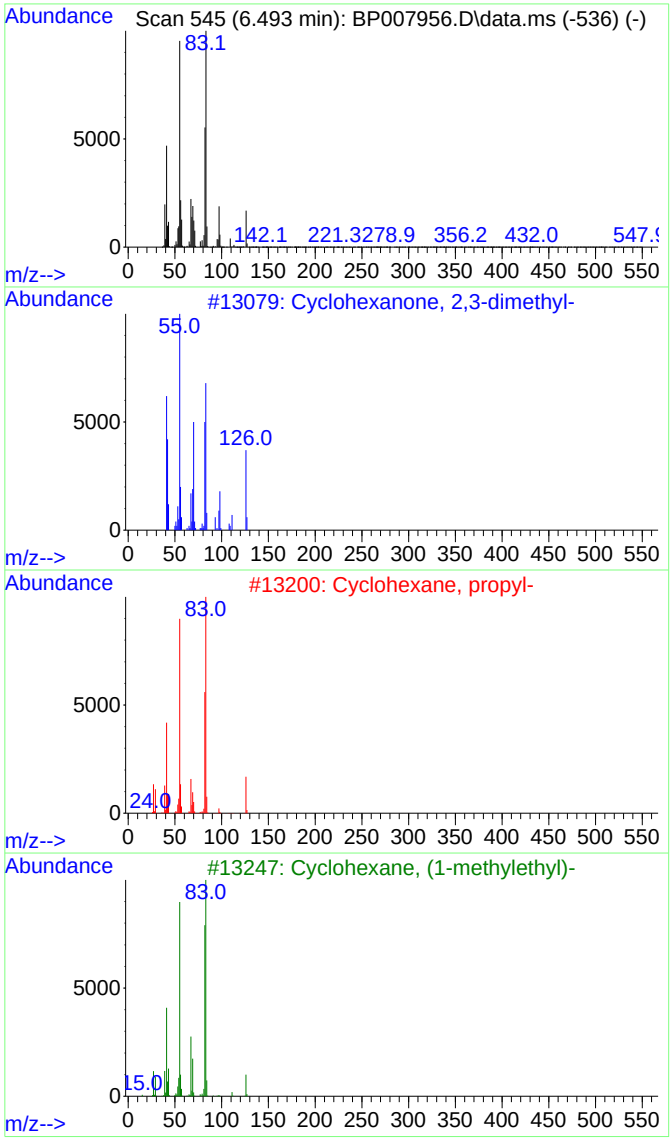
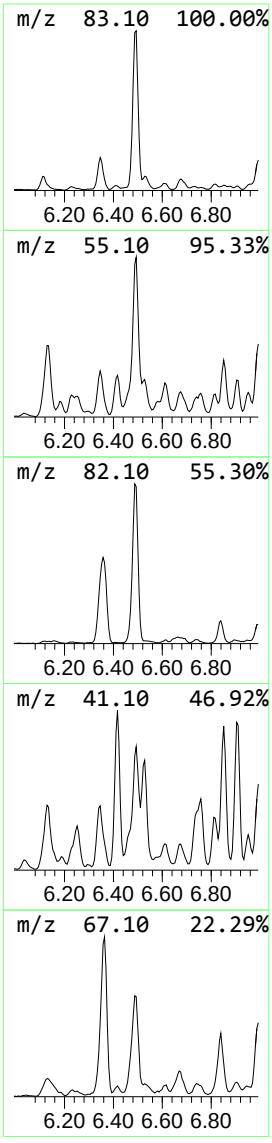
Peak Number 5 Cyclohexanone, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.493	10.56 ng	3080890	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	91
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	80
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	59
5	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	58





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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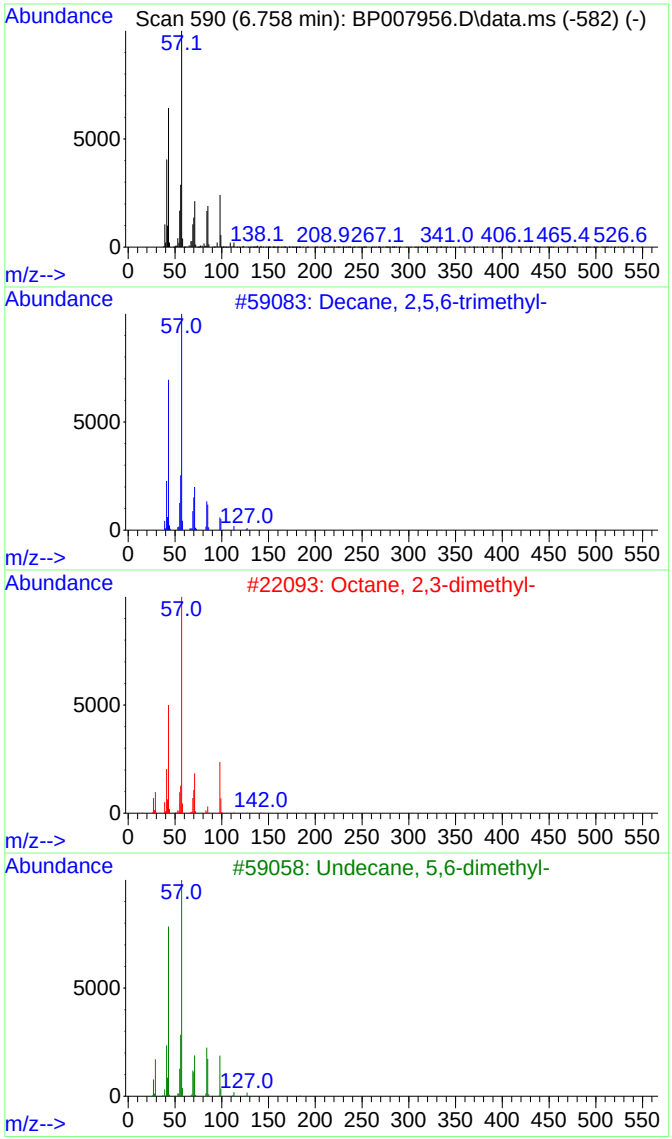
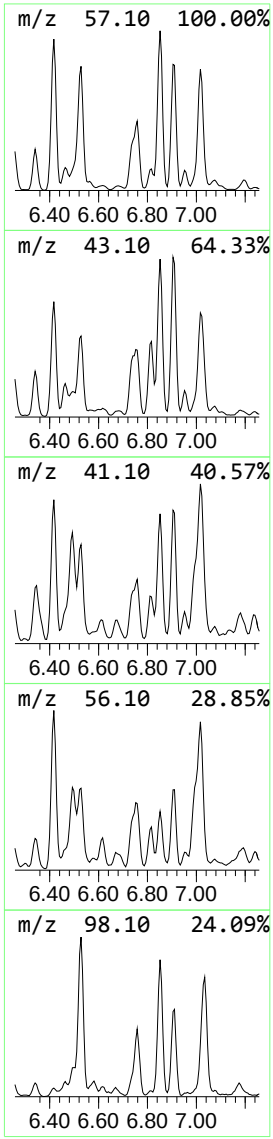
Peak Number 6 Decane, 2,5,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.758	6.63 ng	1933300	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	80
2	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	72
3	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	72
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	58





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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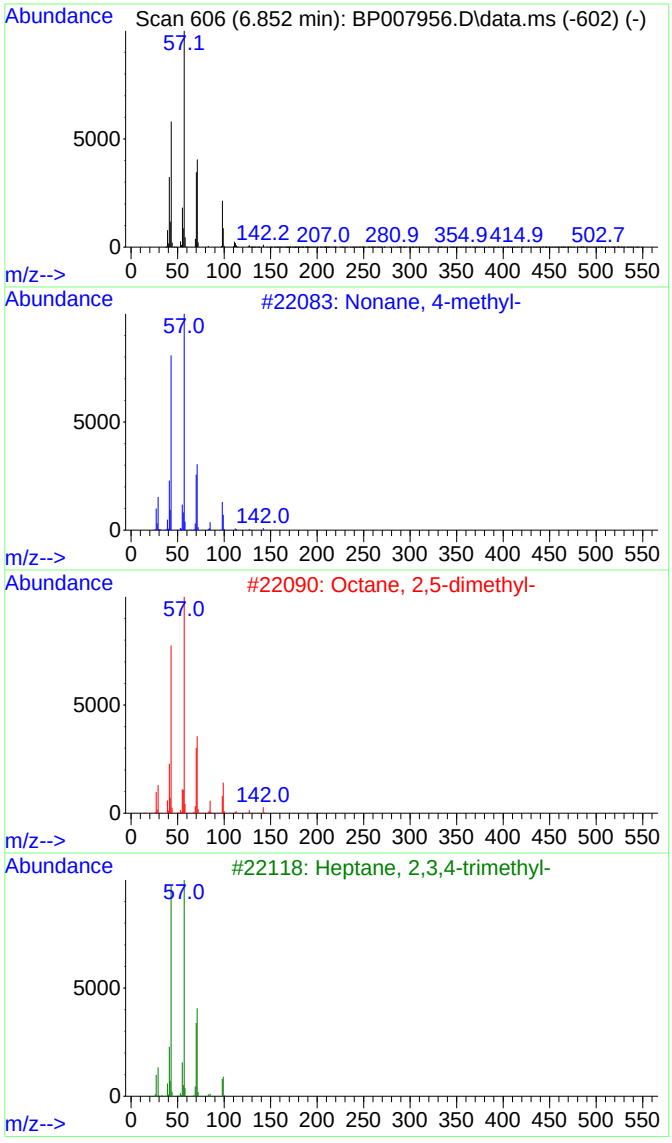
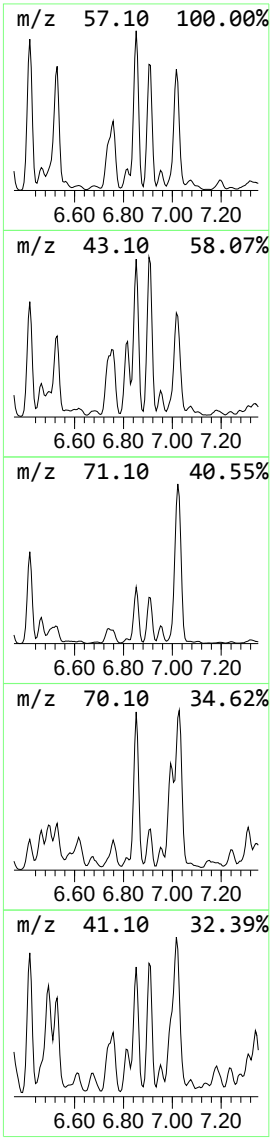
Peak Number 7 Nonane, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.852	9.42 ng	2749040	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	87
2	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	59
3	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	59
4	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	53
5	Nonane, 2-methyl-	142	C10H22	000871-83-0	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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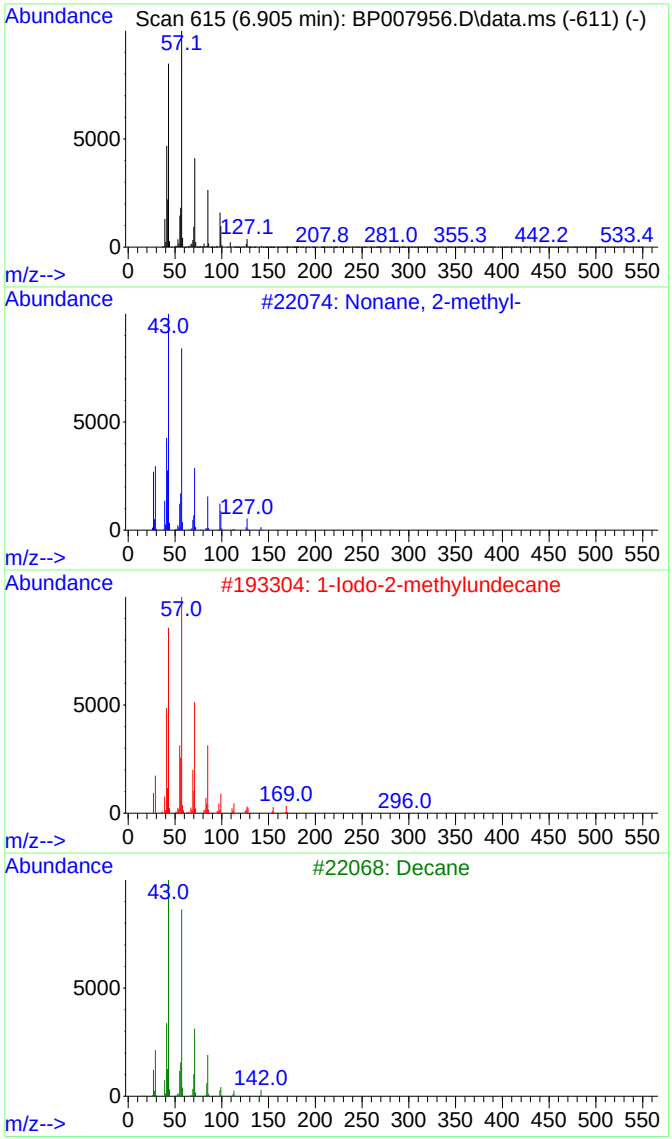
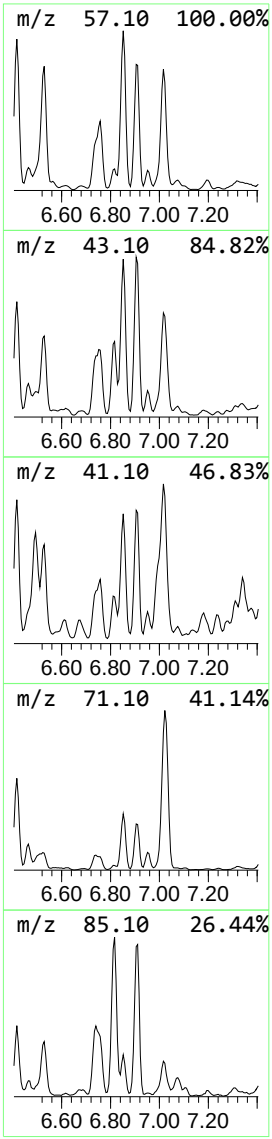
Peak Number 8 Nonane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.905	7.61 ng	2220340	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	83
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
3	Decane	142	C10H22	000124-18-5	72
4	Undecane	156	C11H24	001120-21-4	64
5	Pentadecane	212	C15H32	000629-62-9	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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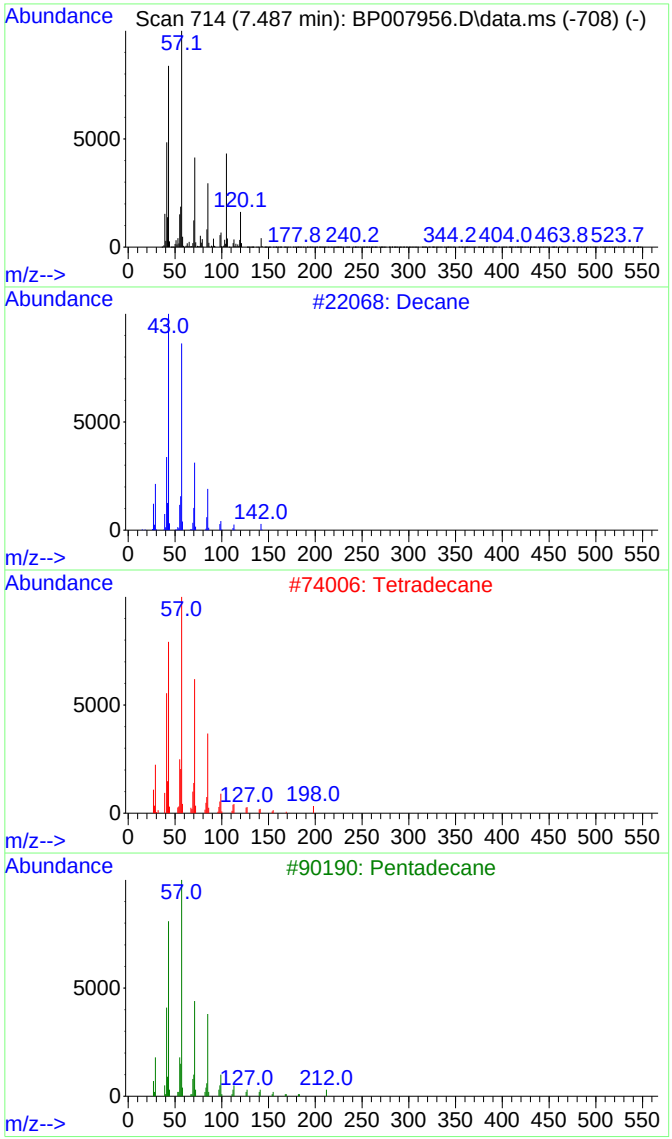
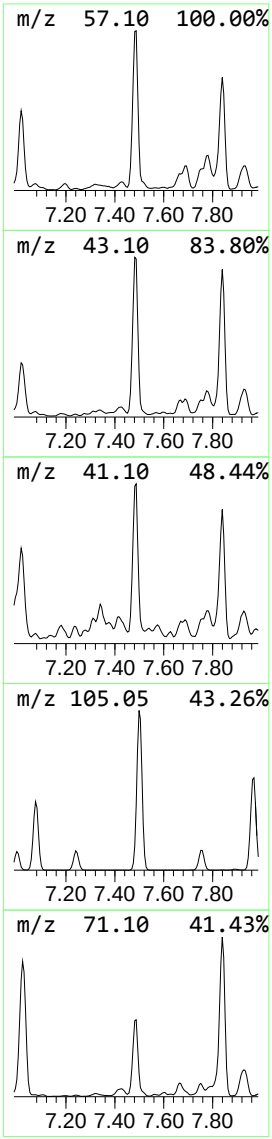
Peak Number 9 Decane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.487	24.59 ng	7174930	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	89
2	Tetradecane	198	C14H30	000629-59-4	53
3	Pentadecane	212	C15H32	000629-62-9	53
4	Tridecane	184	C13H28	000629-50-5	53
5	Hexatriacontane	507	C36H74	000630-06-8	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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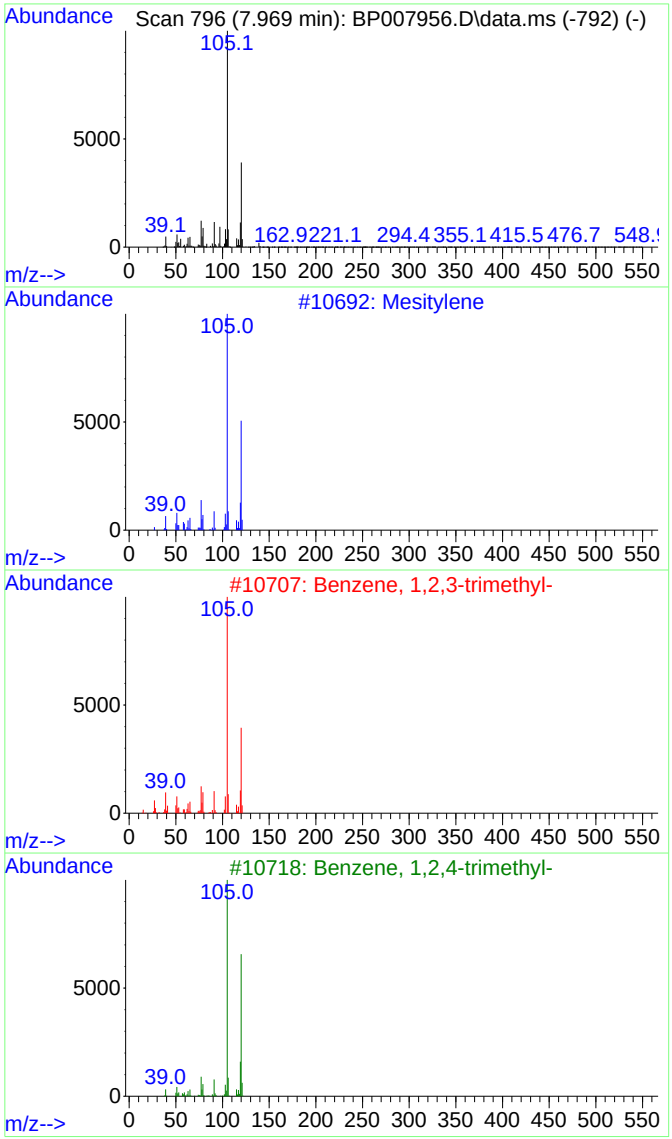
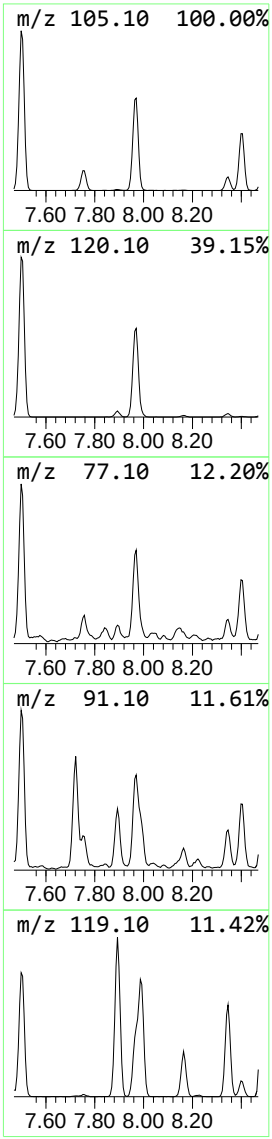
Peak Number 10 Mesitylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.969	7.05 ng	2057800	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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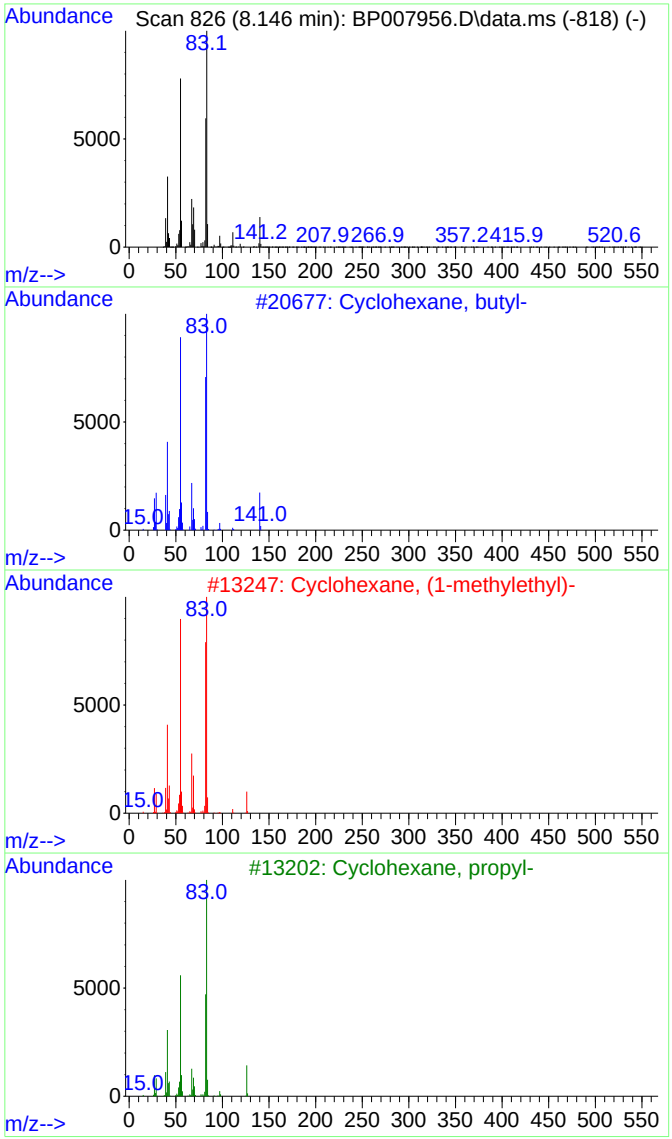
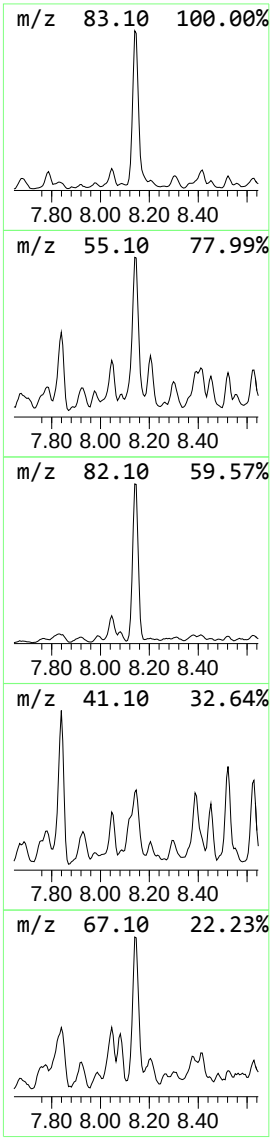
Peak Number 11 Cyclohexane, butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.146	12.32 ng	3595280	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	80
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
4	Pyridine, 2,3,4,5-tetrahydro-	83	C5H9N	000505-18-0	59
5	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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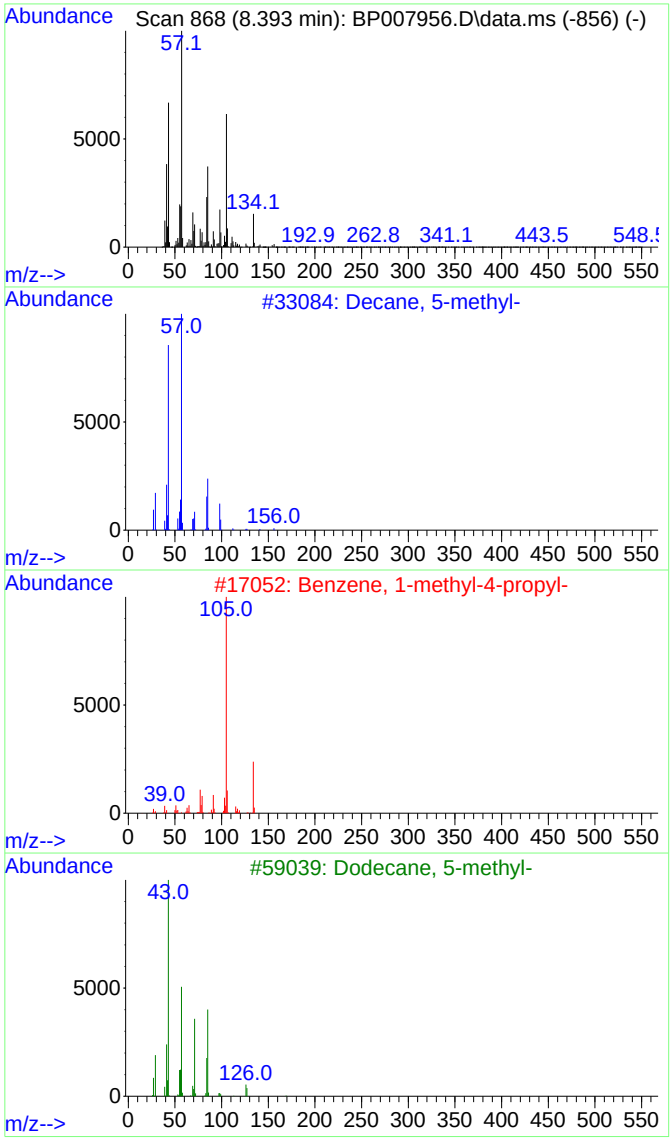
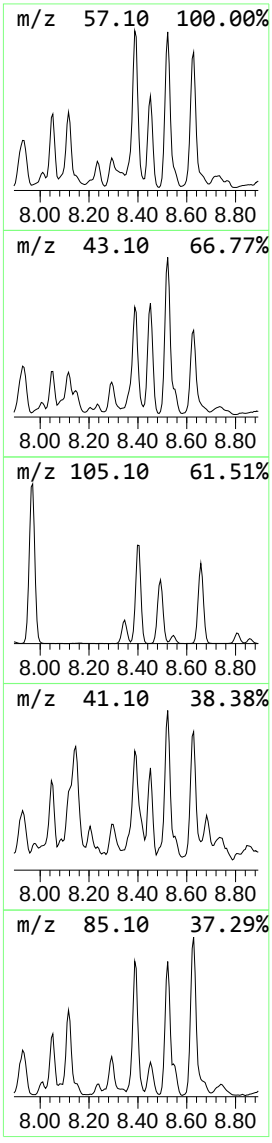
Peak Number 12 Decane, 5-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.393	13.74 ng	4008630	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	58
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	53
3	Dodecane, 5-methyl-	184	C13H28	017453-93-9	35
4	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	35
5	2-Tolyloxirane	134	C9H10O	002783-26-8	25





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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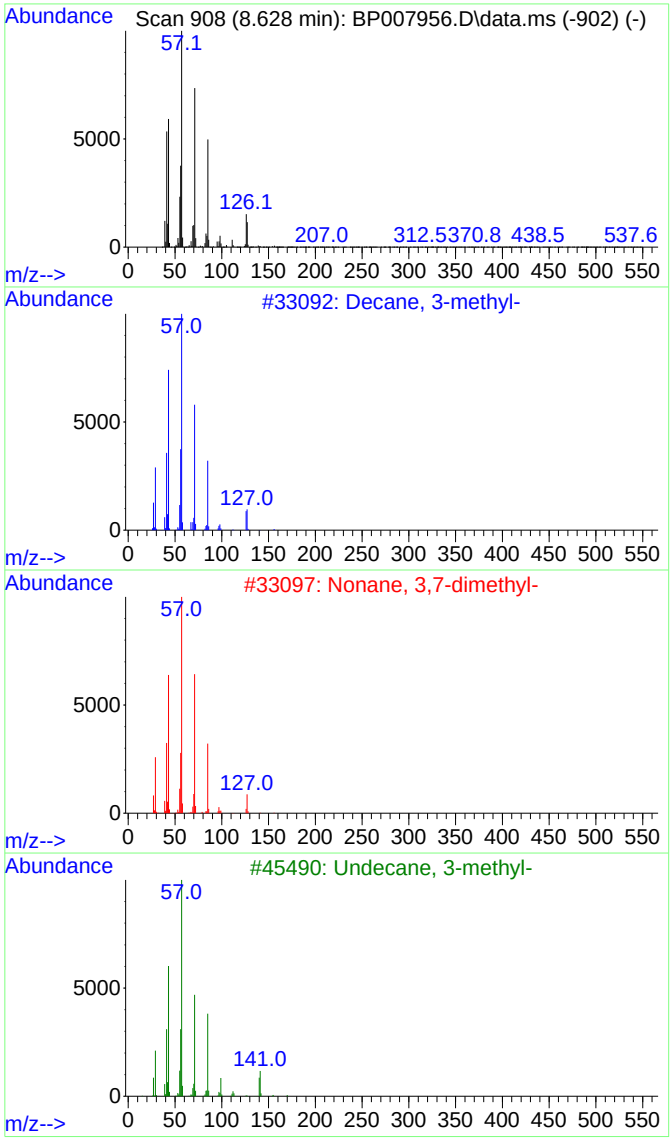
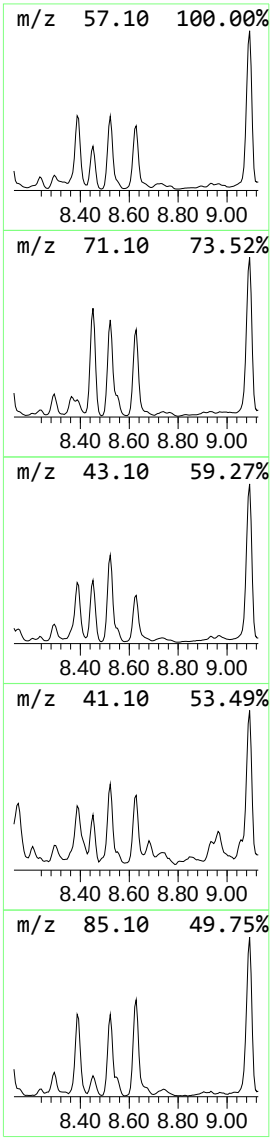
Peak Number 13 Decane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.628	8.43 ng	2460020	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	94
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	64
4	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	59
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	59





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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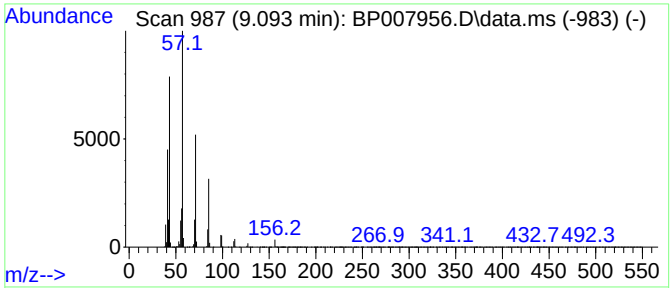
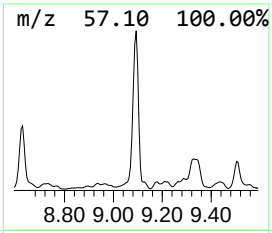
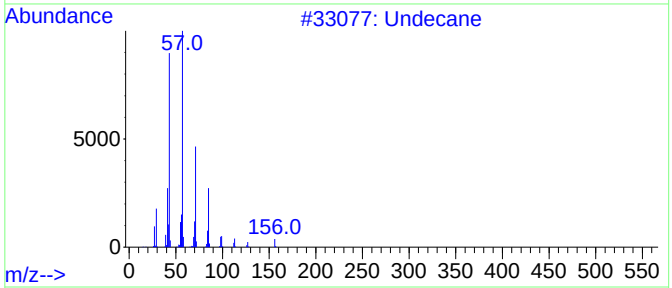
Peak Number 14 Undecane Concentration Rank 2

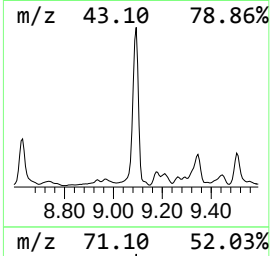
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.093	19.18 ng	5596650	1,4-Dichlorobenzene-d4	7.846

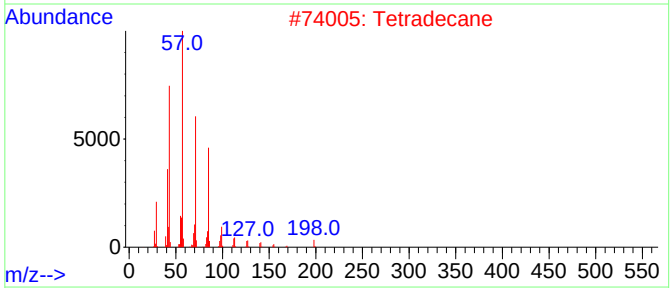
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	94
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	86

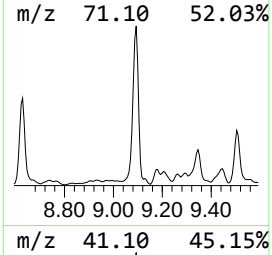


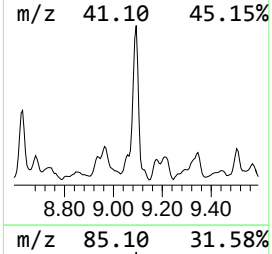


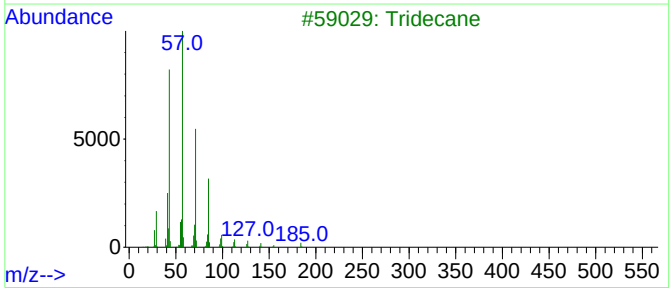


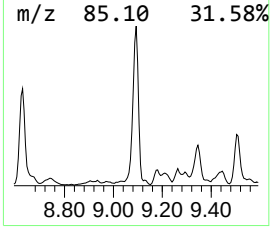












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007956.D
Acq On : 11 Nov 2021 21:11
Operator : CG/JU
Sample : M4630-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13E-25.5-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

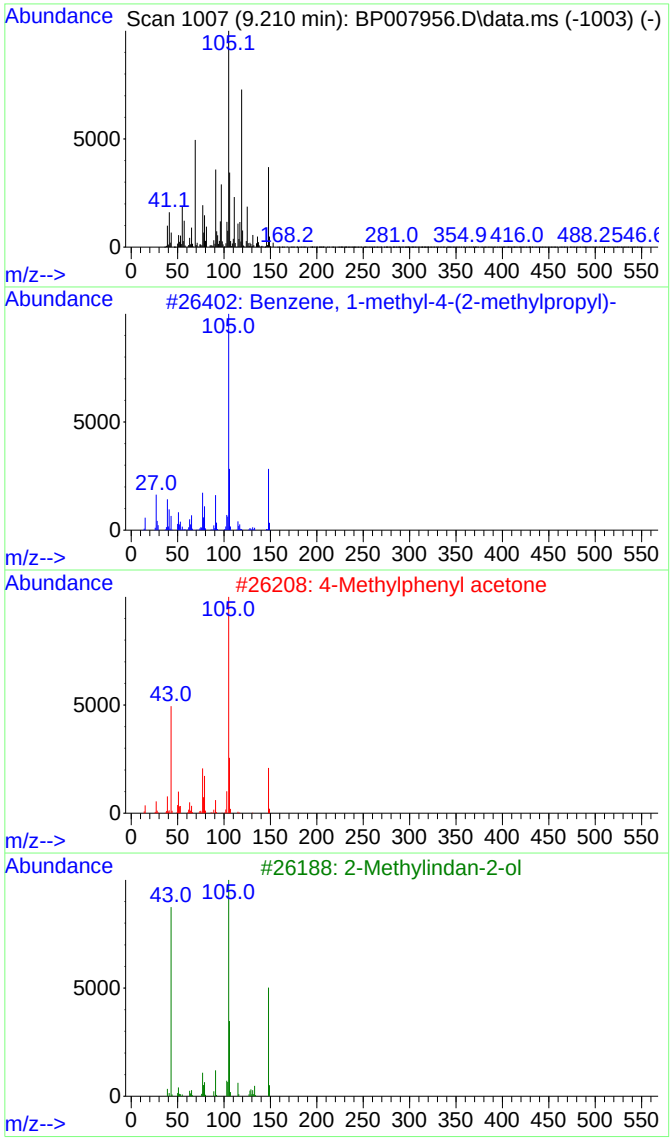
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

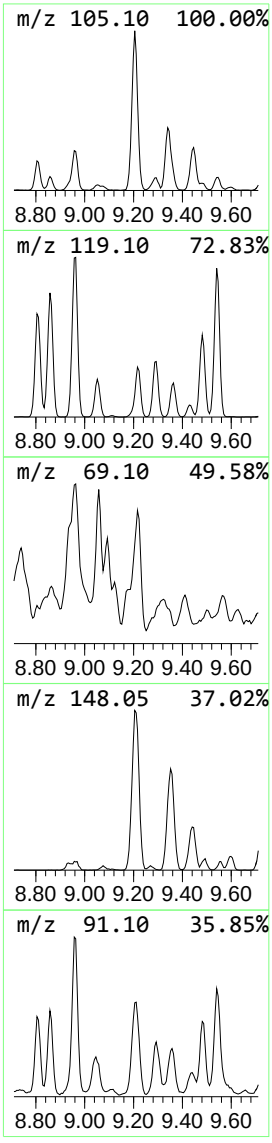
****

Peak Number 15 unknown9.210 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.210	8.63 ng	2516690	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	42
2	4-Methylphenyl acetone	148	C10H12O	002096-86-8	38
3	2-Methylindan-2-ol	148	C10H12O	033223-84-6	25
4	Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	22
5	2-Ethyl[1,3]dithiane	148	C6H12S2	006007-23-4	22





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Acq On : 11 Nov 2021 21:11
Operator : CG/JU
Sample : M4630-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13E-25.5-26

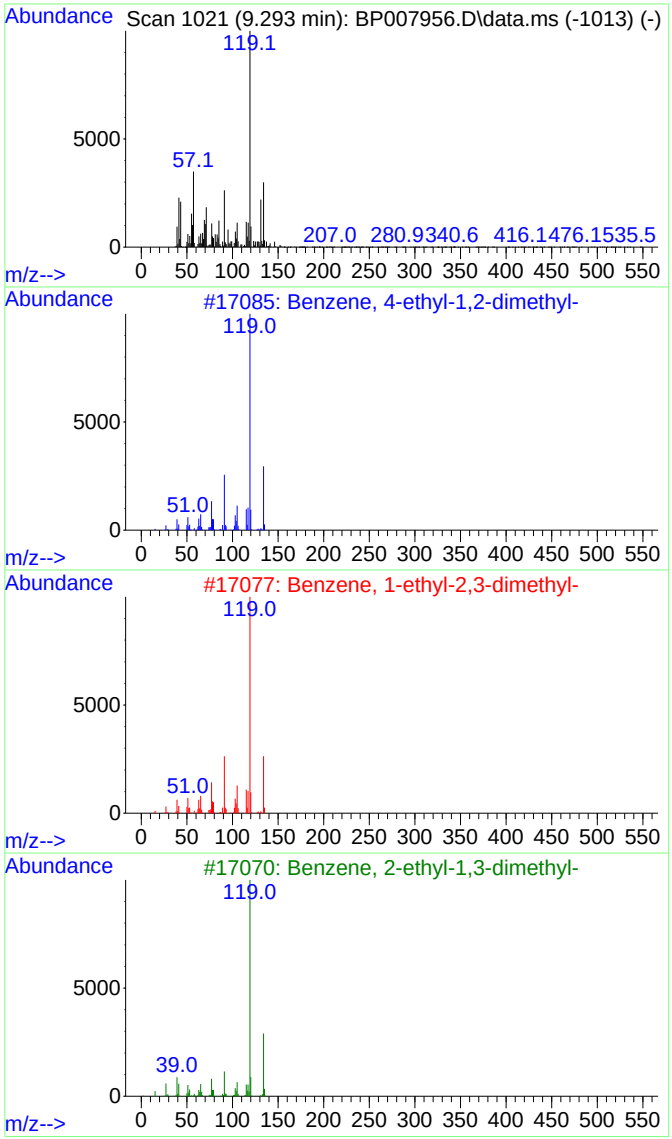
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

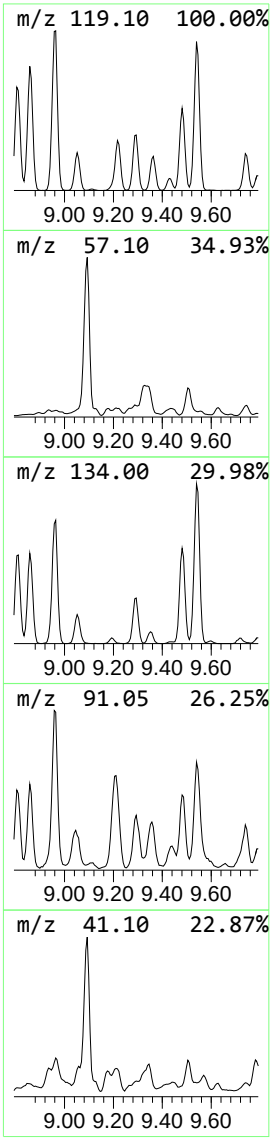
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.293	6.77 ng	1297870	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90





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Data File : BP007956.D
Acq On : 11 Nov 2021 21:11
Operator : CG/JU
Sample : M4630-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13E-25.5-26

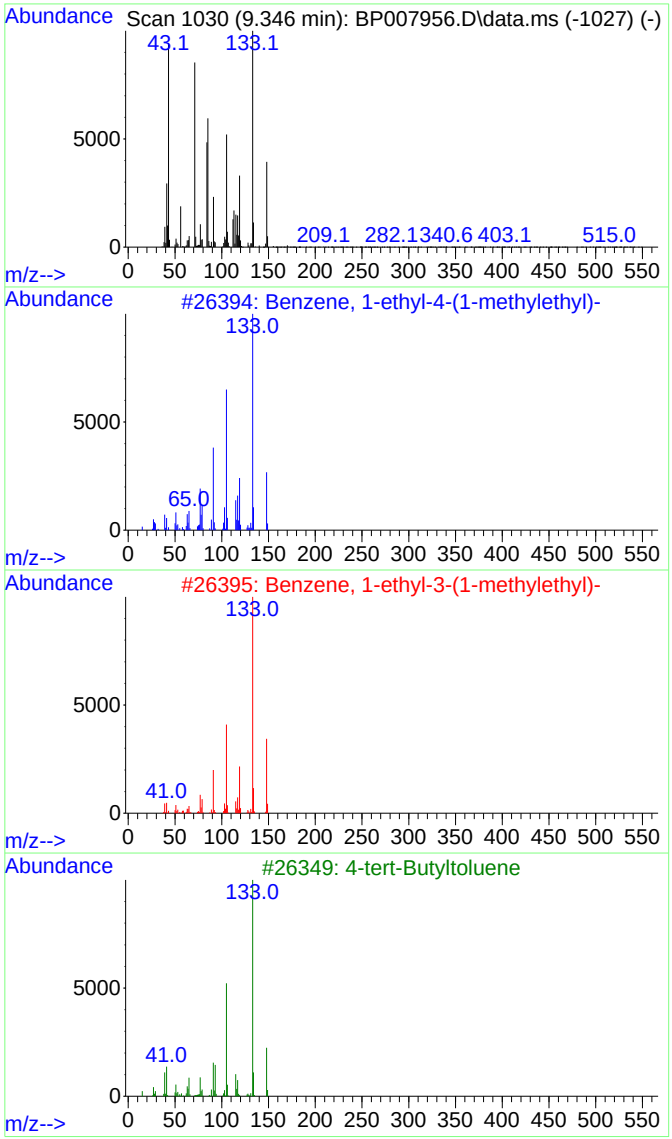
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

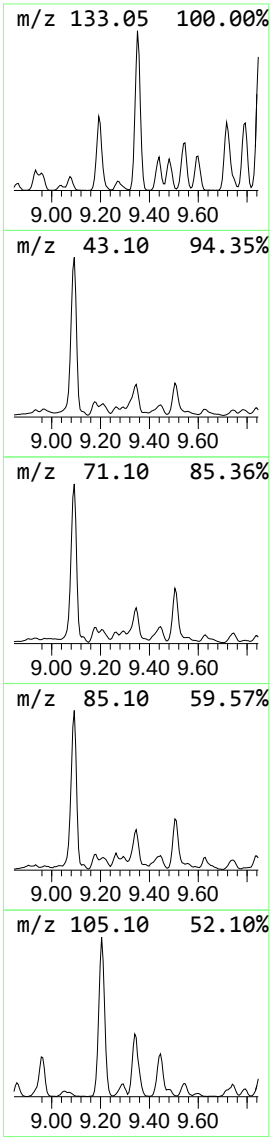
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.346	6.75 ng	1295410	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	52
2	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	46
3	4-tert-Butyltoluene	148	C11H16	000098-51-1	42
4	2-tert-Butyltoluene	148	C11H16	001074-92-6	42
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	38





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Data File : BP007956.D
Acq On : 11 Nov 2021 21:11
Operator : CG/JU
Sample : M4630-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13E-25.5-26

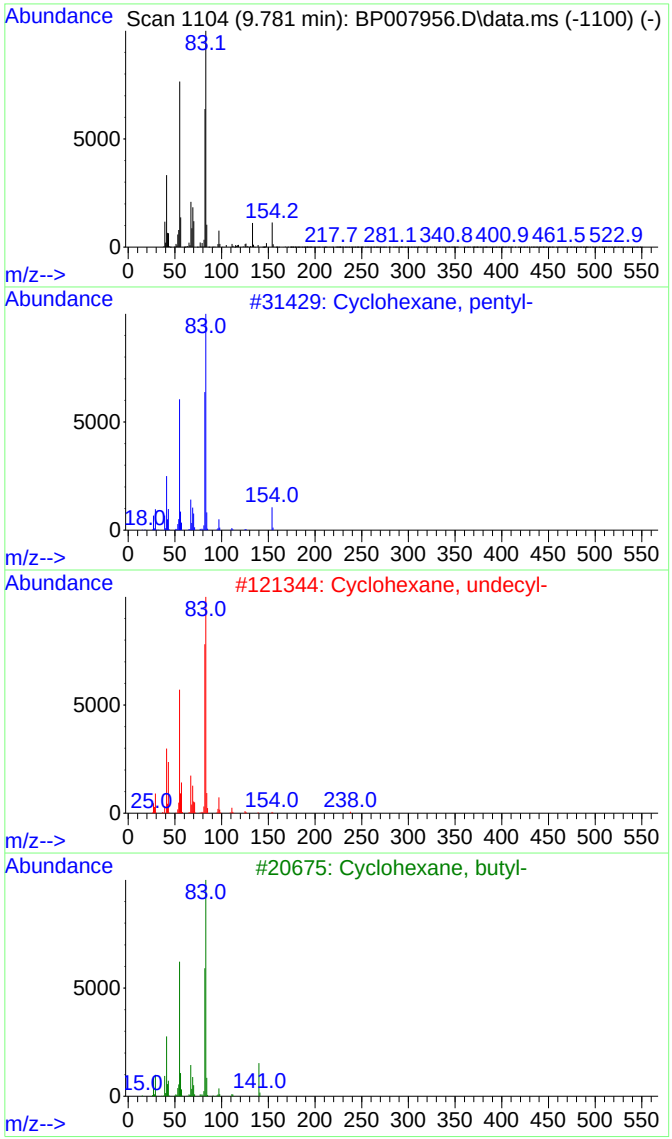
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

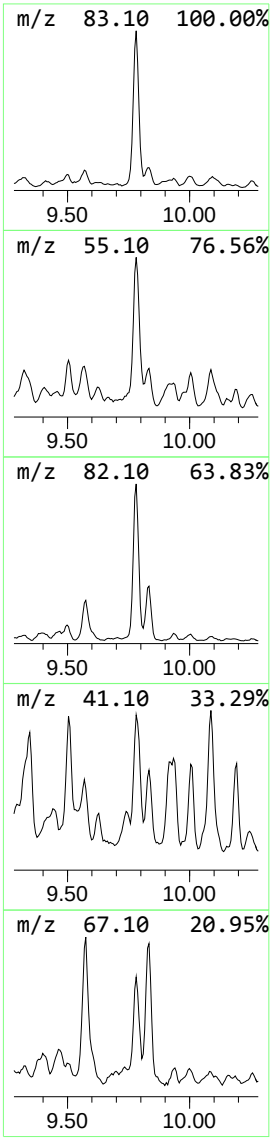
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Cyclohexane, pentyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.781	7.89 ng	1512530	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	94
2	Cyclohexane, undecyl-	238	C17H34	054105-66-7	72
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	72
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007956.D
Acq On : 11 Nov 2021 21:11
Operator : CG/JU
Sample : M4630-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13E-25.5-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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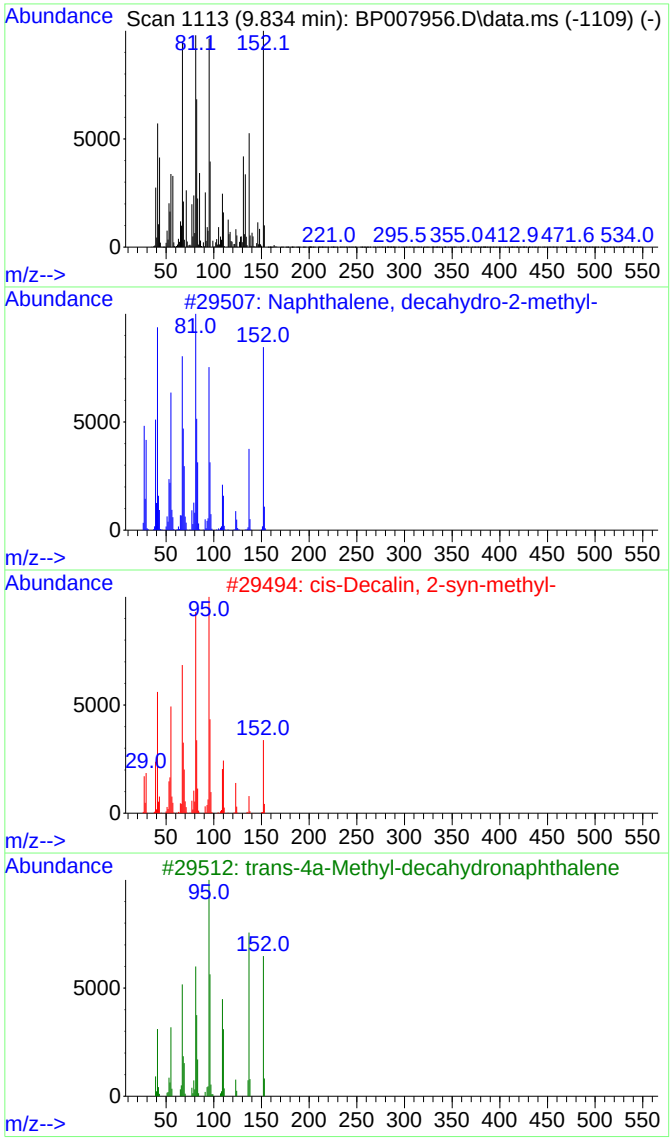
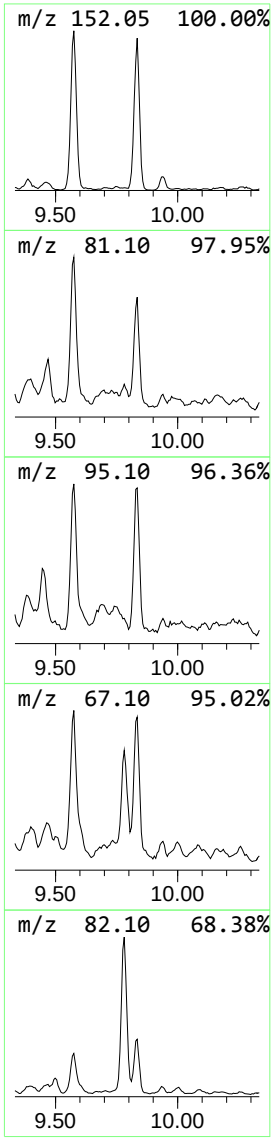
Peak Number 19 Naphthalene, decahydro-2-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.834	9.03 ng	1731990	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	81
2	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	68
3	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64
4	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	64
5	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007956.D
Acq On : 11 Nov 2021 21:11
Operator : CG/JU
Sample : M4630-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13E-25.5-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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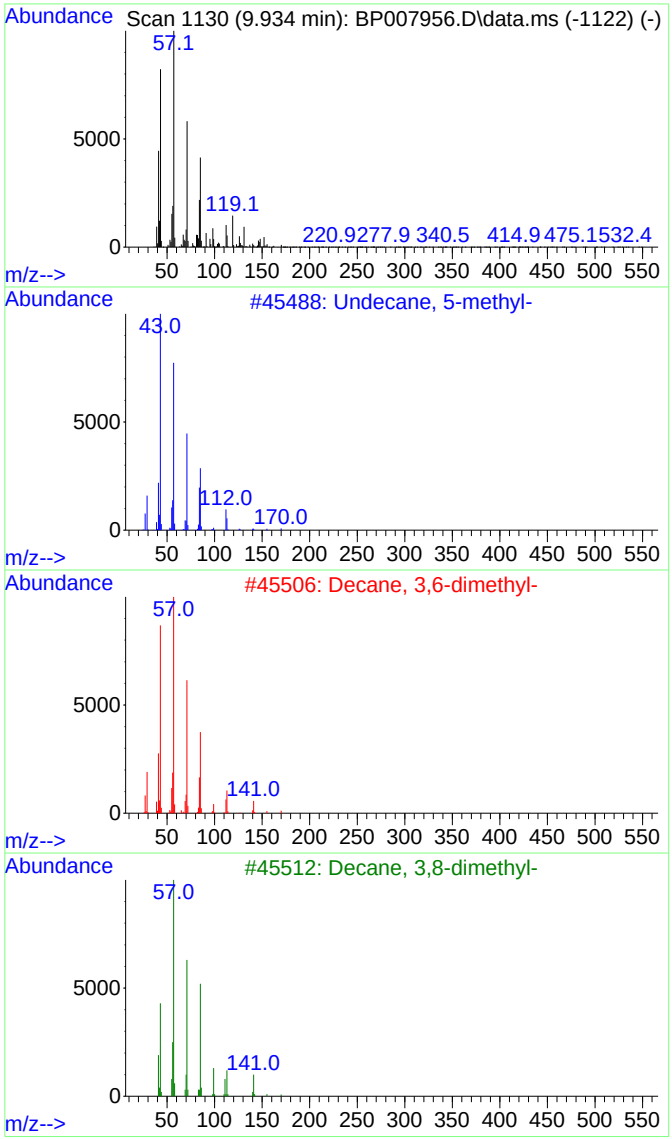
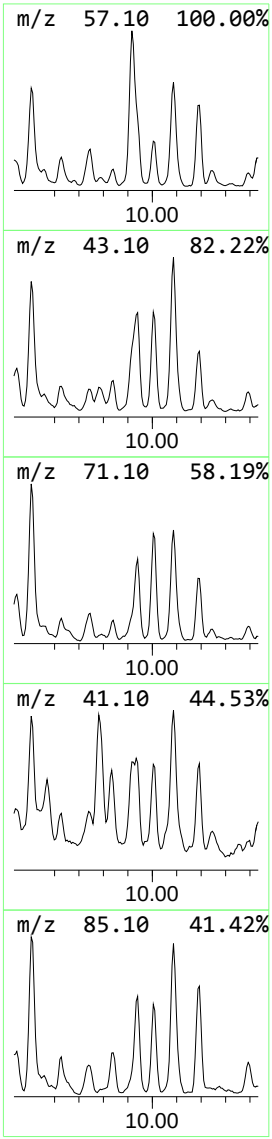
Peak Number 20 Undecane, 5-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.934	8.15 ng	1562660	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	91
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	81
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	70
4	Octane, 2-methyl-	128	C9H20	003221-61-2	49
5	Carbonic acid, 2-ethylhexyl unde...	328	C20H40O3	1000383-13-8	43





Tentatively Identified Compound (LSC) summary

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Data File : BP007956.D
Acq On : 11 Nov 2021 21:11
Operator : CG/JU
Sample : M4630-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13E-25.5-26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Nonane	5.875	11.4	ng	3312390	1	7.846	5835600	20.0
Cyclohexane, 1-...	6.128	7.5	ng	2192370	1	7.846	5835600	20.0
unknown6.346	6.346	6.7	ng	1946630	1	7.846	5835600	20.0
Octane, 2,6-dim...	6.416	8.8	ng	2579110	1	7.846	5835600	20.0
Cyclohexanone, ...	6.493	10.6	ng	3080890	1	7.846	5835600	20.0
Decane, 2,5,6-t...	6.758	6.6	ng	1933300	1	7.846	5835600	20.0
Nonane, 4-methyl-	6.852	9.4	ng	2749040	1	7.846	5835600	20.0
Nonane, 2-methyl-	6.905	7.6	ng	2220340	1	7.846	5835600	20.0
Decane	7.487	24.6	ng	7174930	1	7.846	5835600	20.0
Mesitylene	7.969	7.0	ng	2057800	1	7.846	5835600	20.0
Cyclohexane, bu...	8.146	12.3	ng	3595280	1	7.846	5835600	20.0
Decane, 5-methyl-	8.393	13.7	ng	4008630	1	7.846	5835600	20.0
Decane, 3-methyl-	8.628	8.4	ng	2460020	1	7.846	5835600	20.0
Undecane	9.093	19.2	ng	5596650	1	7.846	5835600	20.0
unknown9.210	9.210	8.6	ng	2516690	1	7.846	5835600	20.0
Benzene, 4-ethy...	9.293	6.8	ng	1297870	2	10.646	3836180	20.0
Benzene, 1-ethy...	9.346	6.8	ng	1295410	2	10.646	3836180	20.0
Cyclohexane, pe...	9.781	7.9	ng	1512530	2	10.646	3836180	20.0
Naphthalene, de...	9.834	9.0	ng	1731990	2	10.646	3836180	20.0
Undecane, 5-met...	9.934	8.2	ng	1562660	2	10.646	3836180	20.0