LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007951.D
Acq On : 11 Nov 2021 18:22
Operator : CG/JU
Sample : M4630-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13S-16.0-16.5

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: BP007951.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.799	247	257	263	rBV	349010	533250	4.86%	0.263%
2	4.893	269	273	278	rBV	277172	441577	4.03%	0.217%
3	4.952	278	283	287	rVV4	141475	287451	2.62%	0.142%
4	4.999	287	291	296	rVB	341105	483585	4.41%	0.238%
5	5.058	296	301	306	rBV	609057	963942	8.79%	0.475%
6	5.216	324	328	332	rVV	379772	505130	4.61%	0.249%
7	5.293	337	341	351	rVB3	535945	1173386	10.70%	0.578%
8	5.440	351	366	378	rBV	3114767	5122925	46.71%	2.523%
9	5.546	378	384	394	rVB5	179579	418869	3.82%	0.206%
10	5.658	394	403	409	rBV3	332484	630915	5.75%	0.311%
11	5.734	409	416	420	rBV3	643919	1204160	10.98%	0.593%
12	5.811	424	429	434	rVV	1098827	1663328	15.17%	0.819%
13	5.875	434	440	447	rVB	688079	1306595	11.91%	0.643%
14	5.952	447	453	462	rBV	458037	738924	6.74%	0.364%
15	6.040	462	468	475	rVB2	237185	427460	3.90%	0.211%
16	6.134	475	484	491	rBV3	1667264	3808703	34.73%	1.876%
17	6.193	491	494	497	rVB2	210922	260195	2.37%	0.128%
18	6.252	497	504	510	rVB2	984145	2089657	19.05%	1.029%
19	6.346	514	520	527	rBV3	1677324	3530264	32.19%	1.739%
20	6.416	527	532	537	rBV	3047220	4775146	43.54%	2.352%
21	6.493	537	545	549	rVV3	2726472	6285823	57.31%	3.096%
22	6.528	549	551	557	rVV	2232069	3003646	27.39%	1.479%
23	6.581	557	560	561	rVV2	203010	243144	2.22%	0.120%
24	6.610	561	565	571	rVV2	617940	1077202	9.82%	0.530%
25	6.675	571	576	582	rVB4	721573	1276528	11.64%	0.629%
26	6.758	582	590	595	rBV2	1486009	3617419	32.98%	1.781%
27	6.852	595	606	612	rBV2	3021103	6371354	58.09%	3.138%
28	6.952	618	623	626	rBV2	954679	1452944	13.25%	0.716%
29	6.999	626	631	632	rVV	2199684	3306419	30.15%	1.628%
30	7.028	633	636	643	rVV	2927996	4730792	43.13%	2.330%
31	7.140	647	655	657	rBV2	345376	650136	5.93%	0.320%
32	7.181	657	662	668	rVB4	754507	1460885	13.32%	0.719%
33	7.240	668	672	676	rBV3	817509	1200222	10.94%	0.591%
34	7.281	676	679	681	rBV3	379936	503403	4.59%	0.248%
35	7.316	681	685	686	rVV2	788438	1021008	9.31%	0.503%
36	7.346	686	690	694	rVV	1693401	2965256	27.04%	1.460%

LSC Area Percent Report

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Operator : CG/JU
Sample : M4630-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13S-16.0-16.5

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	714	rVB3	1574227	4245783	38.71%	2.091%
38	7.540	714	723	725	rBV3	784824	2034473	18.55%	1.002%
39	7.575	726	729	735	rVB2	820845	1307740	11.92%	0.644%
40	7.628	735	738	741	rVB	364685	415970	3.79%	0.205%
41	7.675	741	746	747	rBV3	874223	1332853	12.15%	0.656%
42	7.757	755	760	762	rBV2	1225835	1916562	17.47%	0.944%
43	7.846	768	775	780	rVB2	6249118	10967910	100.00%	5.401%
44	7.928	780	789	795	rBV3	1437698	3140975	28.64%	1.547%
45	7.987	795	799	800	rBV2	372370	502649	4.58%	0.248%
46	8.052	805	810	814	rVB2	1828416	2567715	23.41%	1.264%
47	8.087	814	816	818	rBV2	280088	265950	2.42%	0.131%
48	8.146	818	826	833	rVB3	2852920	6654833	60.68%	3.277%
49	8.210	833	837	844	rVB3	1082830	1928633	17.58%	0.950%
50	8.299	848	852	857	rBV3	885923	1476002	13.46%	0.727%
51	8.393	857	868	870	rBV3	1433044	3301145	30.10%	1.626%
52	8.452	875	878	882	rVB	751581	941324	8.58%	0.464%
53	8.499	882	886	890	rVB2	541500	700573	6.39%	0.345%
54	8.552	890	895	900	rVB3	782867	1207878	11.01%	0.595%
55	8.628	904	908	910	rBV4	309990	470613	4.29%	0.232%
56	8.687	914	918	922	rBV	1181551	1611368	14.69%	0.794%
57	8.846	940	945	950	rBV4	359506	892314	8.14%	0.439%
58	8.963	955	965	969	rBV4	3352963	7962475	72.60%	3.921%
59	9.010	969	973	977	rVV	1261716	2084678	19.01%	1.027%
60	9.057	977	981	989	rVB4	1547592	2871524	26.18%	1.414%
61	9.122	989	992	996	rVB3	620982	947380	8.64%	0.467%
62	9.181	996	1002	1004	rBV3	1311220	2409807	21.97%	1.187%
63	9.346	1013	1030	1036	rBV5	1394376	5329424	48.59%	2.625%
64	9.446	1043	1047	1050	rBV4	351737	566094	5.16%	0.279%
65	9.510	1050	1058	1063	rVB3	1405284	3102968	28.29%	1.528%
66	9.575	1063	1069	1075	rVV4	1071709	1957411	17.85%	0.964%
67	9.628	1075	1078	1082	rVB	306662	383542	3.50%	0.189%
68	9.746	1092	1098	1101	rBV2	743149	1360059	12.40%	0.670%
69	9.787	1101	1105	1109	rVV2	1437743	2444772	22.29%	1.204%
70	9.840	1109	1114	1122	rVV5	1506922	2981161	27.18%	1.468%
71	9.922	1122	1128	1135	rVB2	913258	2231517	20.35%	1.099%
72	10.004	1139	1142	1146	rVB2	317728	438307	4.00%	0.216%
73	10.057	1146	1151	1156	rBV3	1472597	2519607	22.97%	1.241%
74	10.110	1156	1160	1166	rVB5	302458	620952	5.66%	0.306%
75	10.246	1177	1183	1193	rVB7	480964	1181164	10.77%	0.582%
76	10.357	1197	1202	1206	rBV	495425	835197	7.61%	0.411%

LSC Area Percent Report

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Operator : CG/JU
Sample : M4630-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13S-16.0-16.5

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

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

77	10.440	1212	1216	1220	rVB4	275832	474476	4.33%	0.234%
78	10.522	1225	1230	1233	rBV2	323037	496893	4.53%	0.245%
79	10.557	1233	1236	1241	rVV3	331552	540392	4.93%	0.266%
80	10.646	1242	1251	1257	rVB2	1025283	2413360	22.00%	1.188%
81	10.699	1257	1260	1263	rBV4	192806	258243	2.35%	0.127%
82	10.769	1269	1272	1277	rVB4	307714	488518	4.45%	0.241%
83	10.822	1277	1281	1286	rVB	1147690	1724699	15.72%	0.849%
84	10.875	1286	1290	1298	rVB3	258145	512599	4.67%	0.252%
85	10.951	1299	1303	1309	rVB4	235986	417514	3.81%	0.206%
86	11.022	1310	1315	1319	rBV2	162836	309248	2.82%	0.152%
87	11.151	1333	1337	1344	rVB3	189829	290787	2.65%	0.143%
88	11.357	1362	1372	1380	rVV7	299983	816297	7.44%	0.402%
89	11.687	1423	1428	1437	rBV2	352857	690423	6.29%	0.340%
90	12.304	1526	1533	1540	rVB	301423	574447	5.24%	0.283%
91	13.110	1663	1670	1677	rVV	3615588	5301478	48.34%	2.611%
92	14.487	1894	1904	1911	rBV	1162596	1722212	15.70%	0.848%
93	15.981	2151	2158	2172	rBV	4027729	5844787	53.29%	2.878%
94	17.239	2365	2372	2378	rBV	1600594	2289705	20.88%	1.128%
95	18.139	2520	2525	2533	rBV	226300	304014	2.77%	0.150%
96	19.810	2803	2809	2814	rBV	8965043	10880411	99.20%	5.358%
97	21.051	3016	3020	3027	rBV	432042	580875	5.30%	0.286%
98	21.333	3063	3068	3074	rBV	2405064	3095921	28.23%	1.525%
99	22.598	3279	3283	3290	rVB	298526	413333	3.77%	0.204%
100	23.739	3471	3477	3487	rVB	1420901	2978738	27.16%	1.467%

Sum of corrected areas: 203062315

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007951.D
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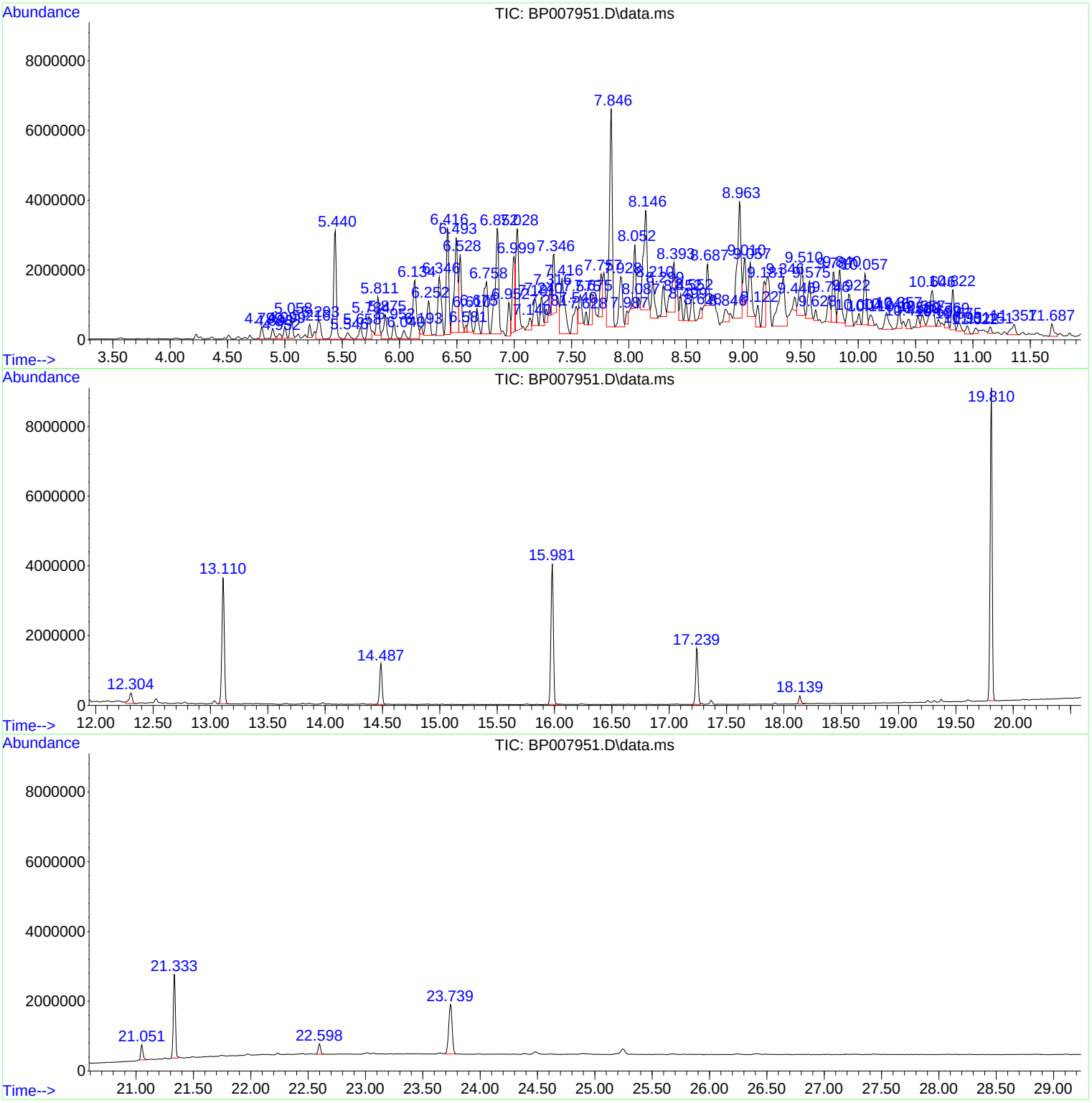
Sample : M4630-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13S-16.0-16.5

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 : BP007951.D
Acq On : 11 Nov 2021 18:22
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Sample : M4630-10
Misc :
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Instrument :
BNA_P
ClientSampleId :
SB-13S-16.0-16.5

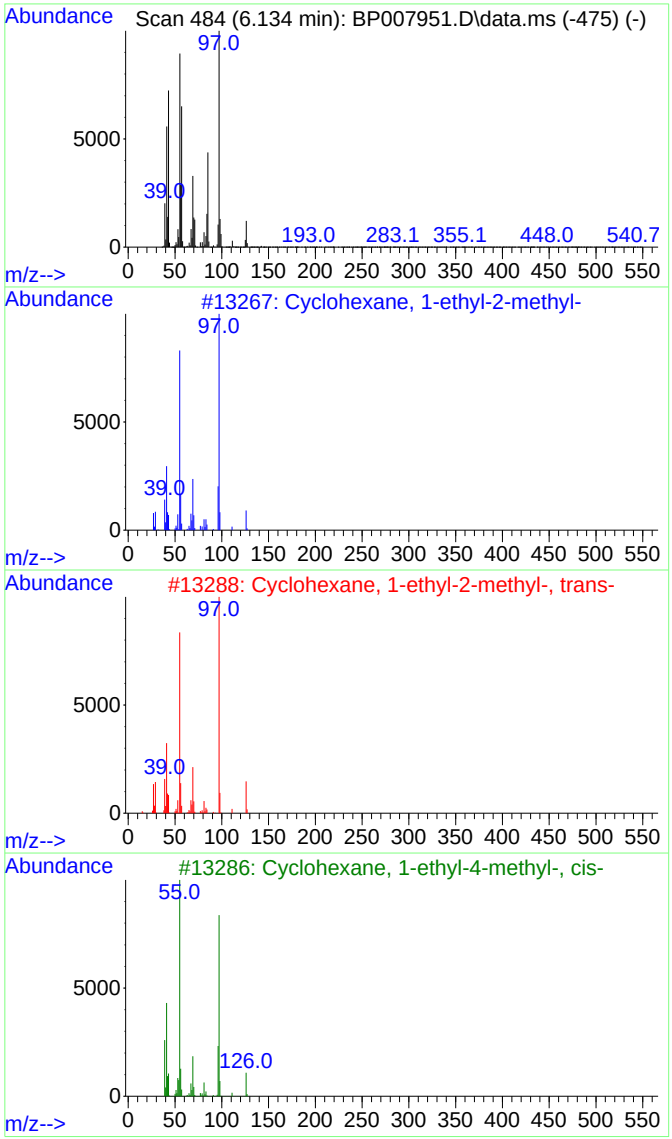
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

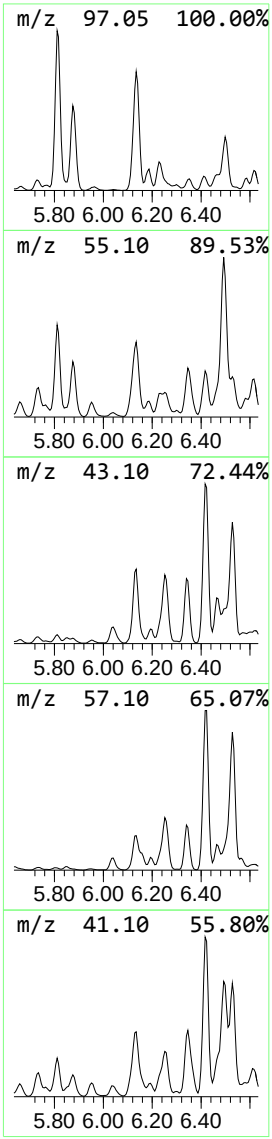
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclohexane, 1-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.134	6.95 ng	3808700	1,4-Dichlorobenzene-d4	7.852

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	60
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	53
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	53
4	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	53
5	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007951.D
Acq On : 11 Nov 2021 18:22
Operator : CG/JU
Sample : M4630-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13S-16.0-16.5

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

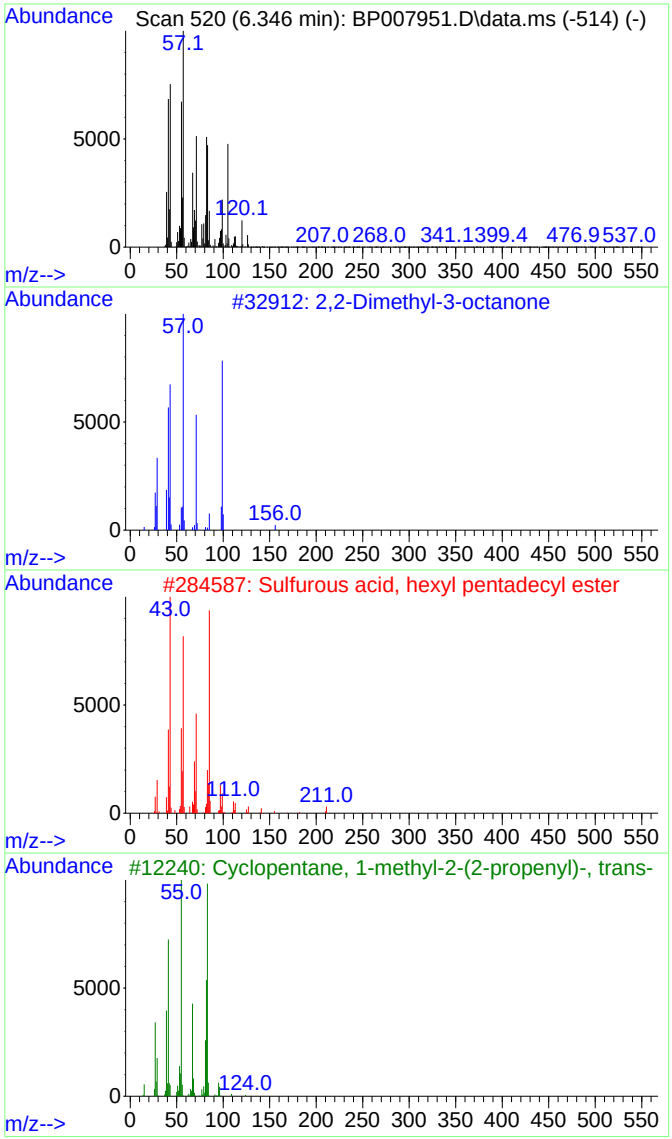
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

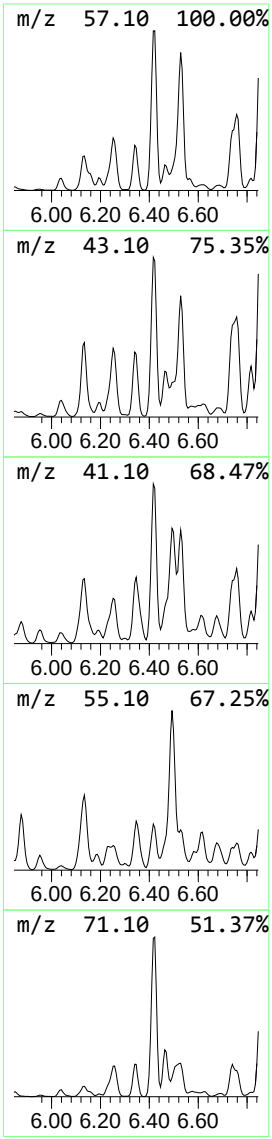
****

Peak Number 2 unknown6.346 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.346	6.44 ng	3530260	1,4-Dichlorobenzene-d4	7.852

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-3-octanone	156	C10H20O	005340-64-7	27
2	Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	27
3	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	25
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	22
5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
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Acq On : 11 Nov 2021 18:22
Operator : CG/JU
Sample : M4630-10
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ALS Vial : 11 Sample Multiplier: 1

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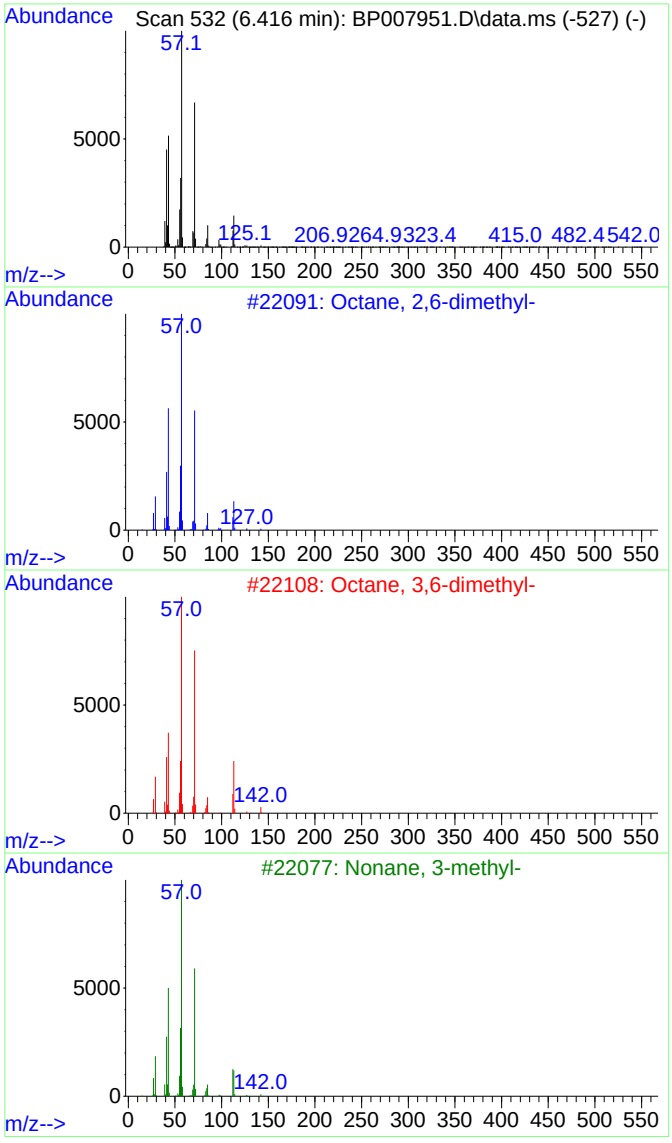
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

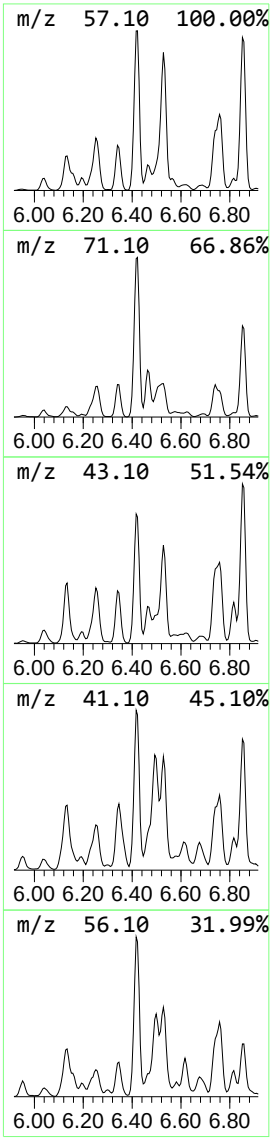
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.416	8.71 ng	4775150	1,4-Dichlorobenzene-d4	7.852

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	94
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
4	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	53
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
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Acq On : 11 Nov 2021 18:22
Operator : CG/JU
Sample : M4630-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13S-16.0-16.5

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

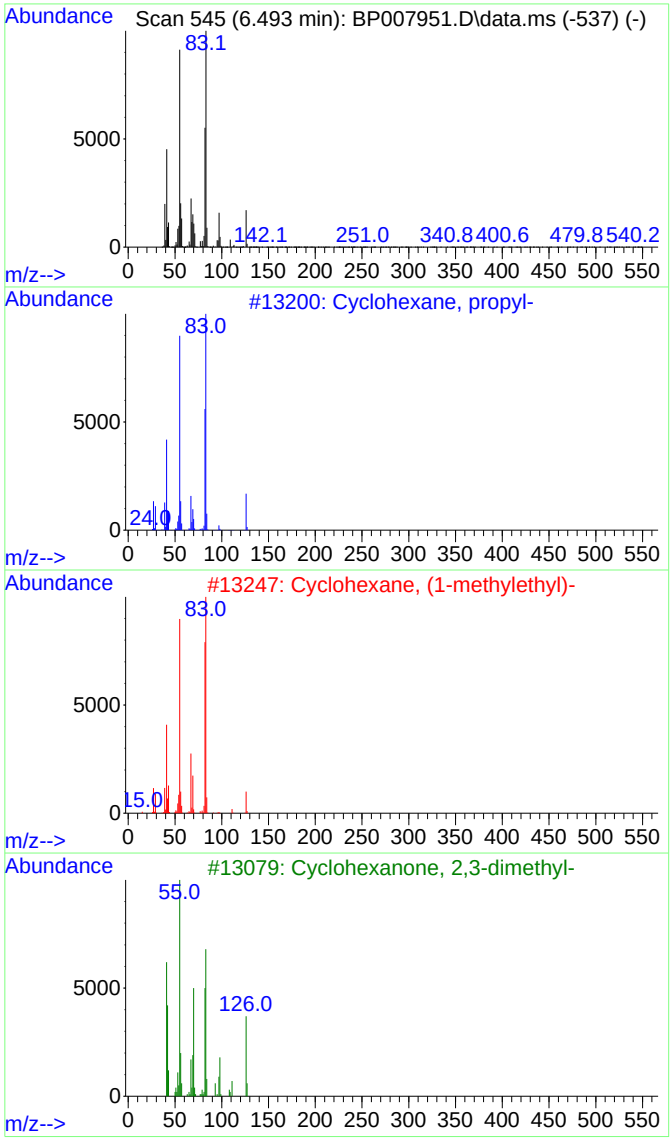
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

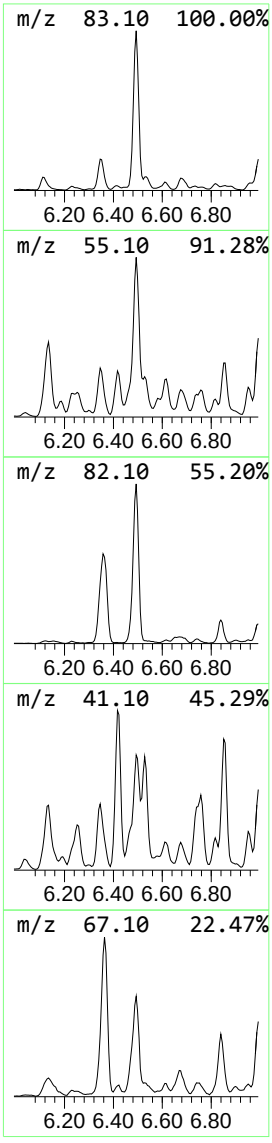
****

Peak Number 4 Cyclohexane, propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.493	11.46 ng	6285820	1,4-Dichlorobenzene-d4	7.852

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	74
3	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	64
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	59
5	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007951.D
Acq On : 11 Nov 2021 18:22
Operator : CG/JU
Sample : M4630-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13S-16.0-16.5

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

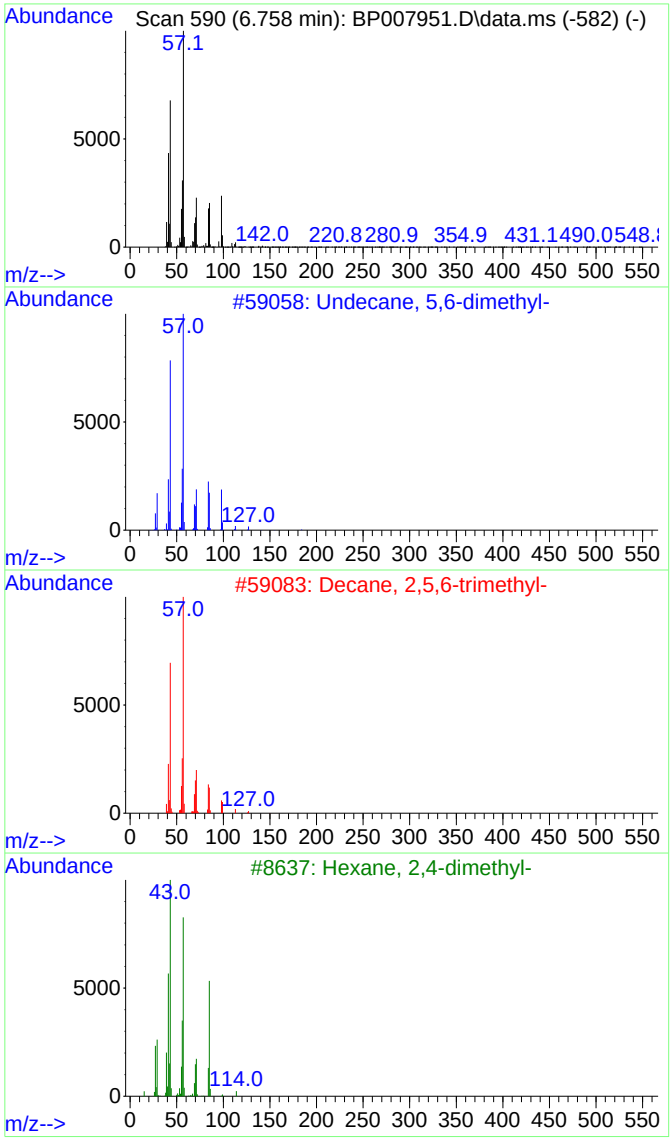
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

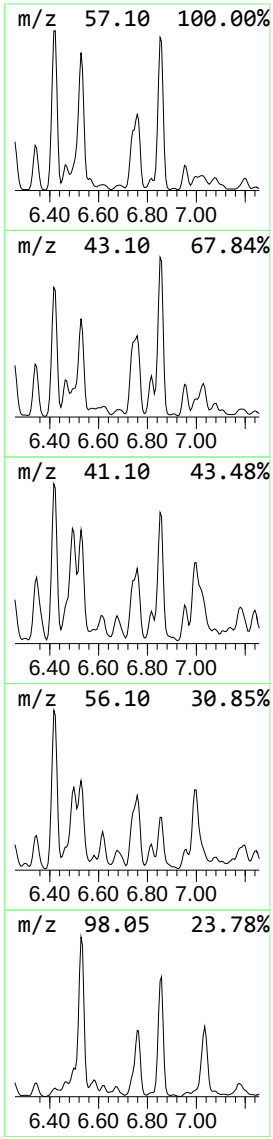
****

Peak Number 5 Undecane, 5,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.758	6.60 ng	3617420	1,4-Dichlorobenzene-d4	7.852

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





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Data File : BP007951.D
Acq On : 11 Nov 2021 18:22
Operator : CG/JU
Sample : M4630-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13S-16.0-16.5

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

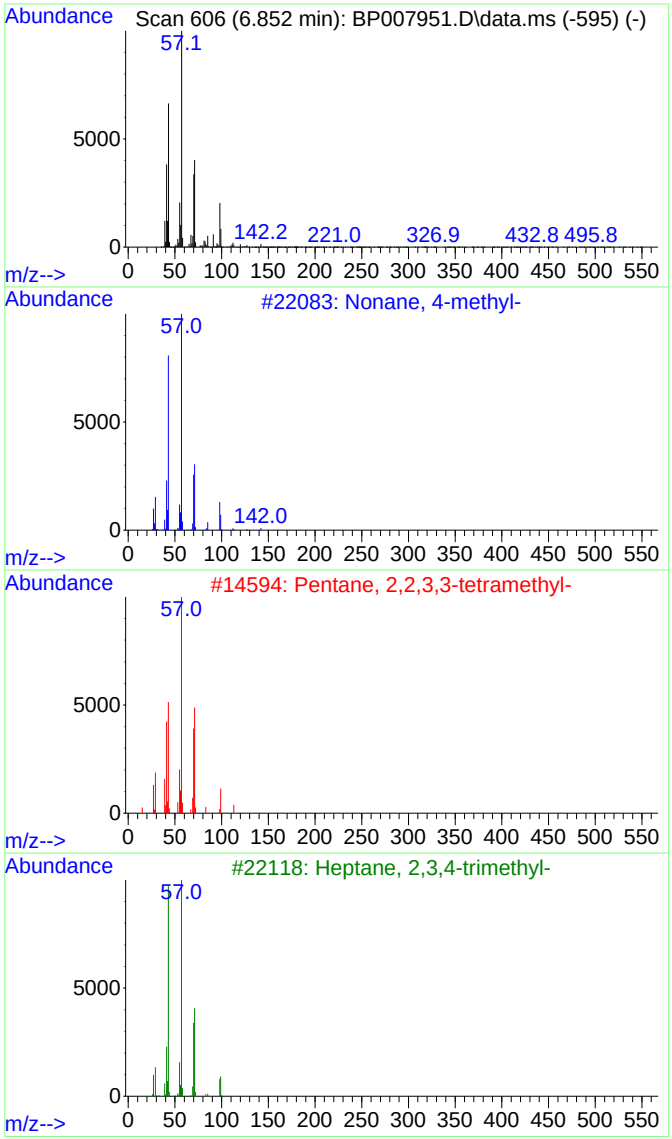
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

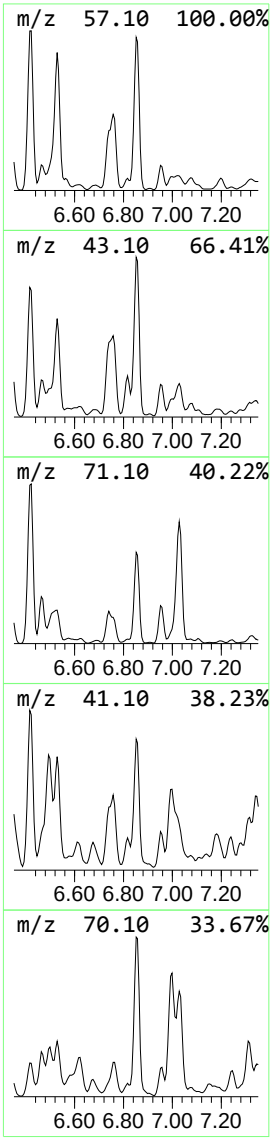
****

Peak Number 6 Nonane, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.852	11.62 ng	6371350	1,4-Dichlorobenzene-d4	7.852

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	91
2	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
3	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	59
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58
5	Heptane, 3-ethyl-	128	C9H20	015869-80-4	50





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Acq On : 11 Nov 2021 18:22
Operator : CG/JU
Sample : M4630-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-13S-16.0-16.5

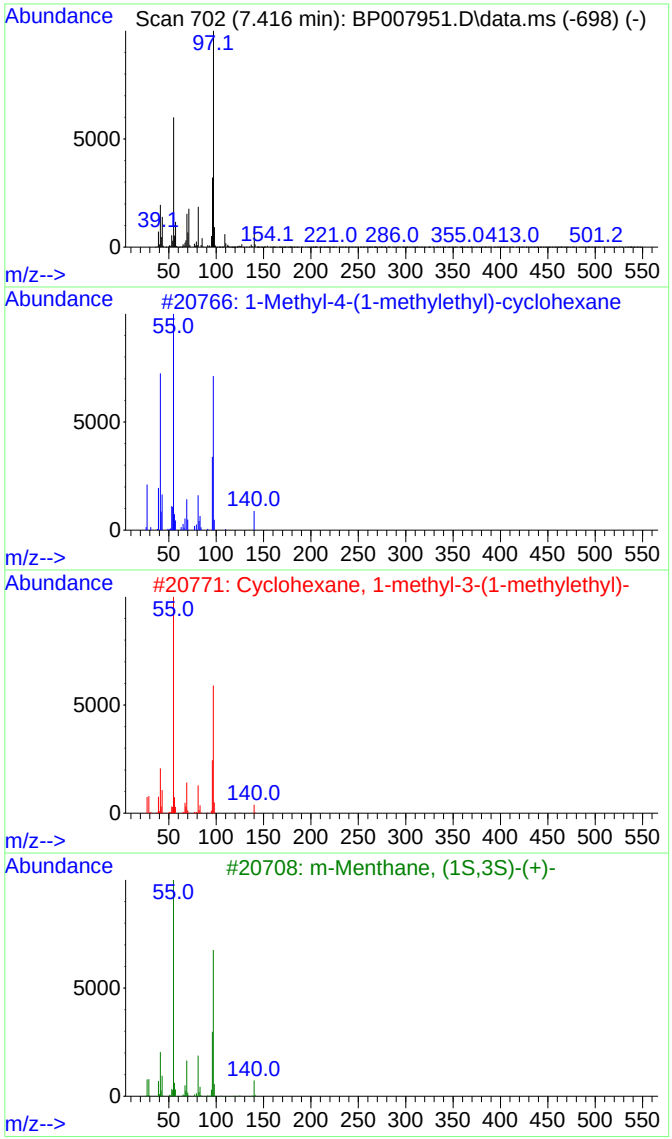
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

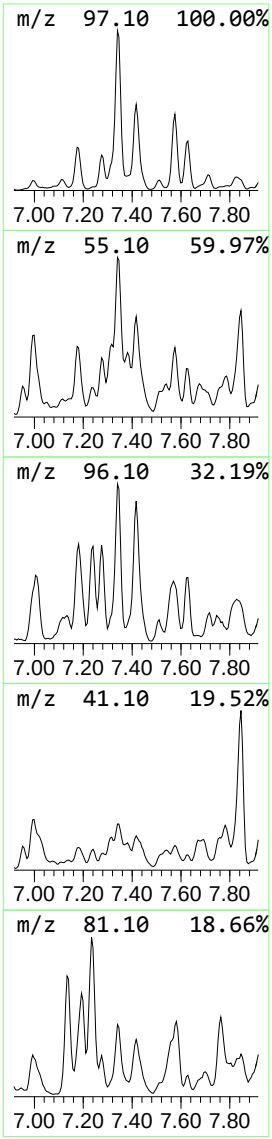
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1-Methyl-4-(1-methylethyl)-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.416	7.74 ng	4245780	1,4-Dichlorobenzene-d4	7.852

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	80
2	Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	72
3	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	72
4	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	72
5	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	59





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-13S-16.0-16.5

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

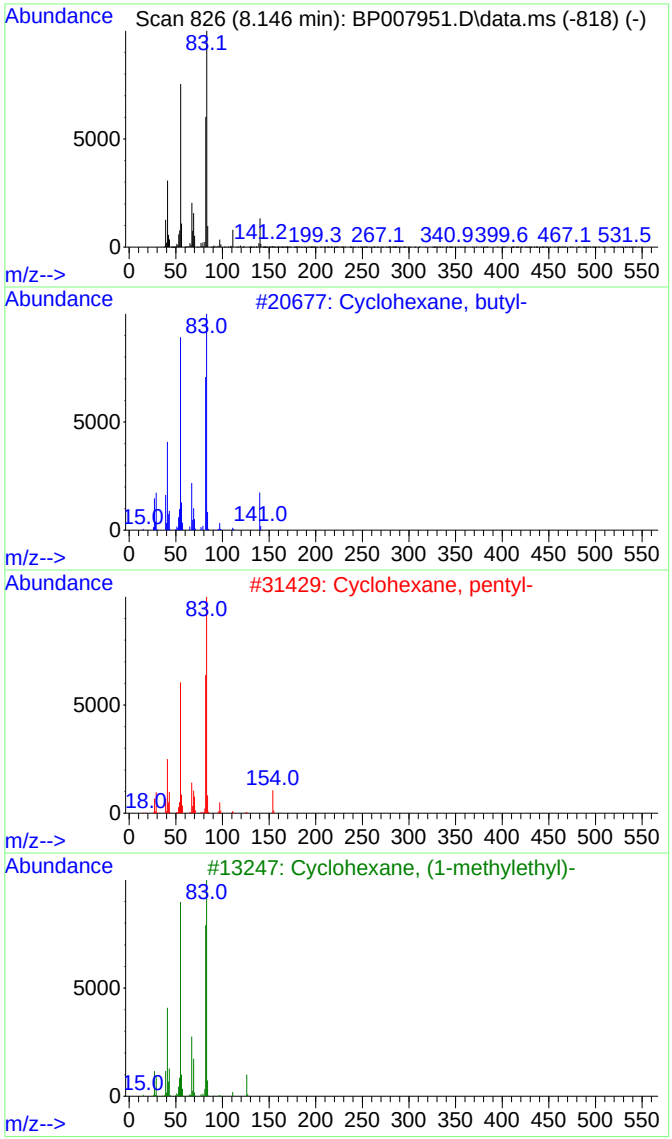
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

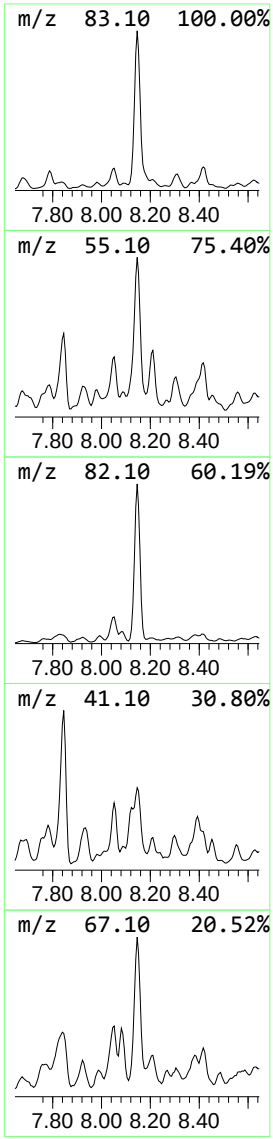
****

Peak Number 8 Cyclohexane, butyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.146	12.14 ng	6654830	1,4-Dichlorobenzene-d4	7.852

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	95
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	90
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	86
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	72
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	59





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Operator : CG/JU
Sample : M4630-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13S-16.0-16.5

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

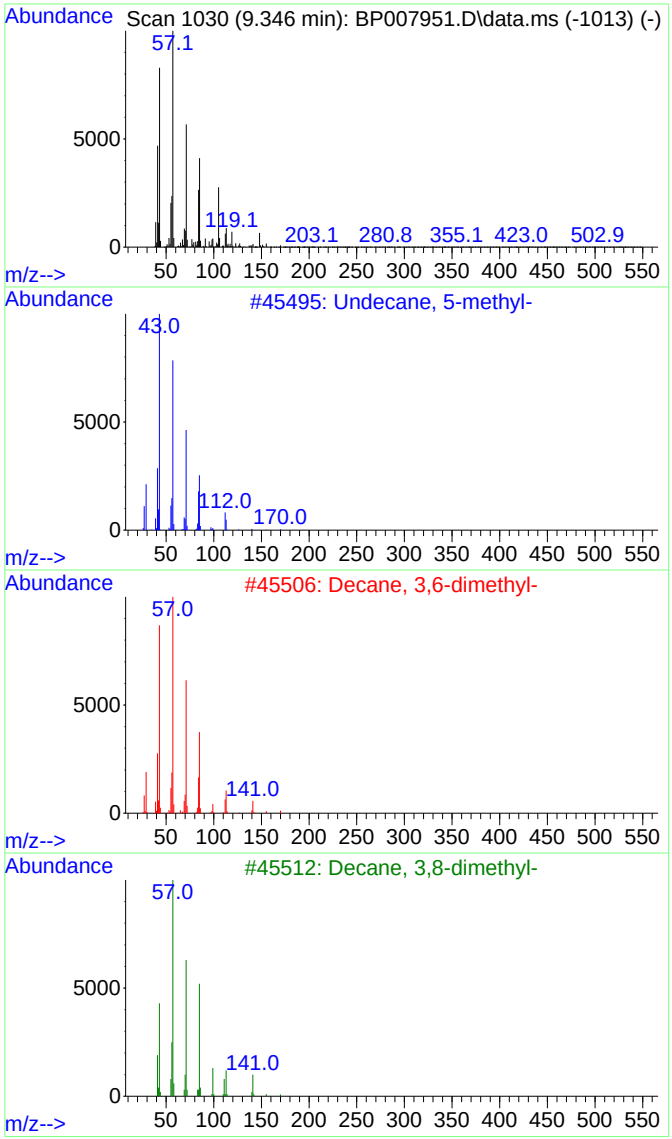
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

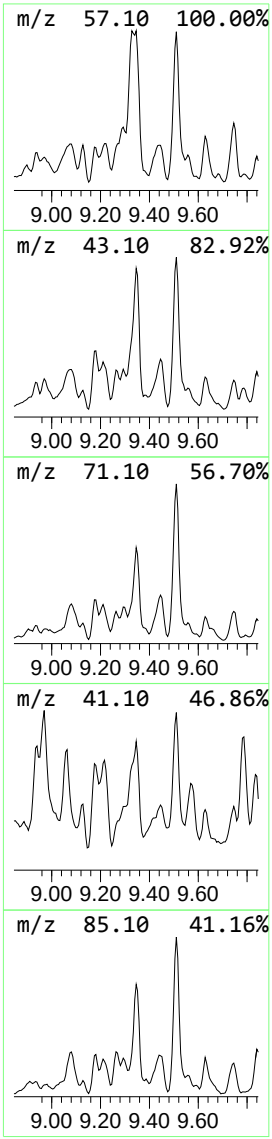
****

Peak Number 9 Undecane, 5-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.346	44.17 ng	5329420	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	81
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	70
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	62
4	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	53
5	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	53





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Acq On : 11 Nov 2021 18:22
Operator : CG/JU
Sample : M4630-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13S-16.0-16.5

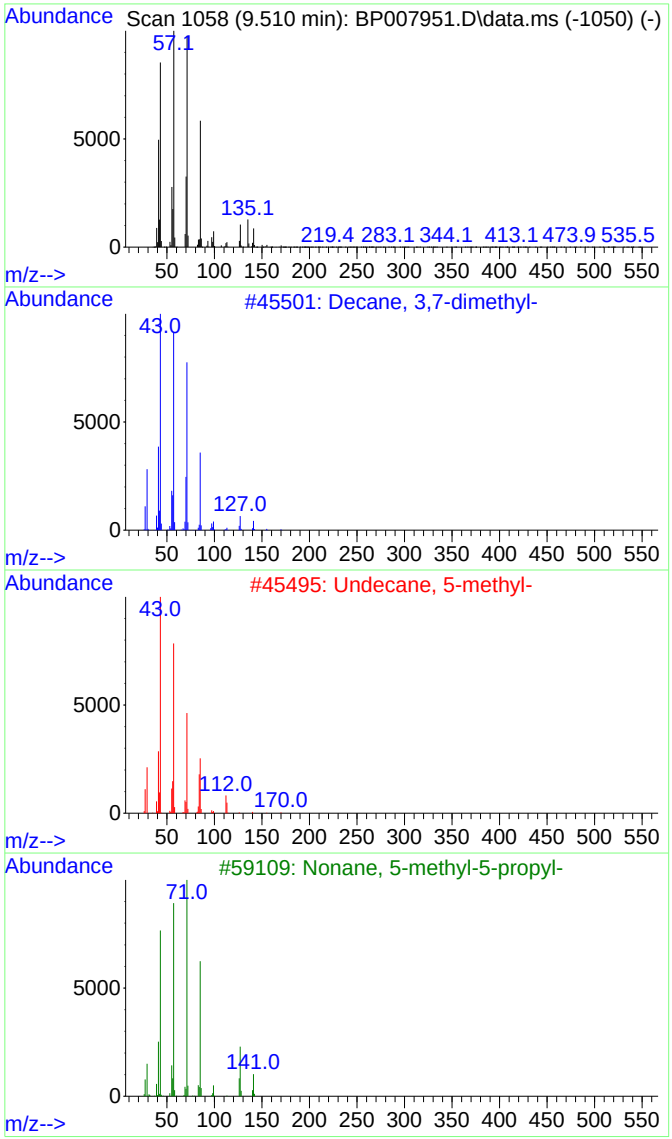
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

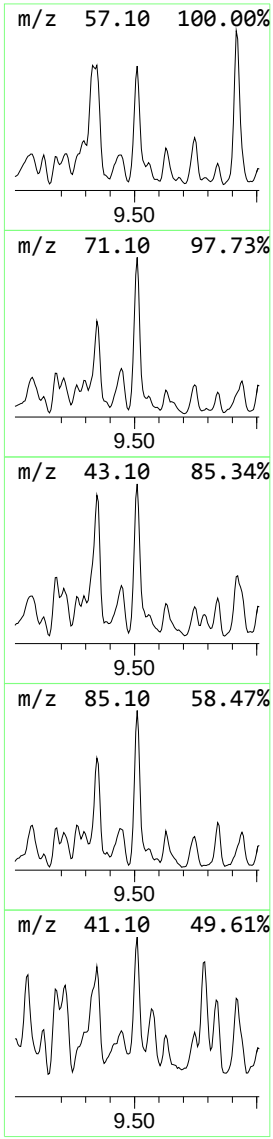
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Decane, 3,7-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.510	25.71 ng	3102970	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	93
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	68
3	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	64
4	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	59
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59





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Acq On : 11 Nov 2021 18:22
Operator : CG/JU
Sample : M4630-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

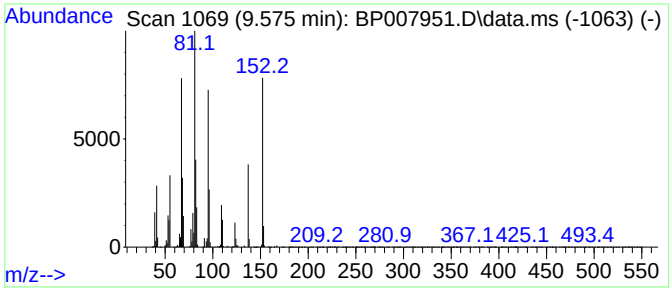
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

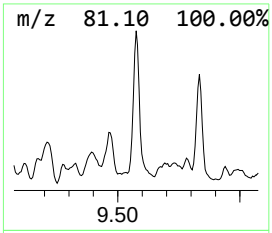
****

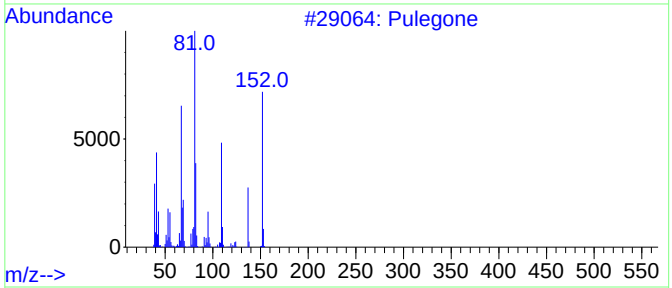
Peak Number 11 Pulegone Concentration Rank 7

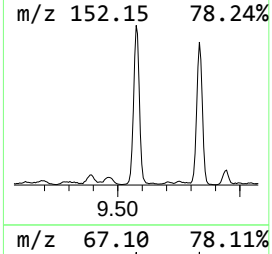
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.575	16.22 ng	1957410	Naphthalene-d8	10.646

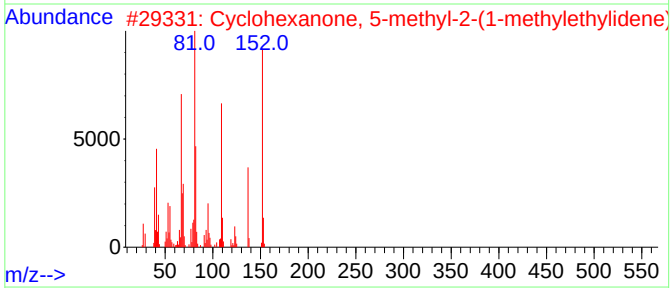
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pulegone	152	C10H16O	000089-82-7	81
2	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	72
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	64
4	Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	62
5	Cyclohexanone, 2-(2-methylpropyl...	152	C10H16O	043108-69-6	58

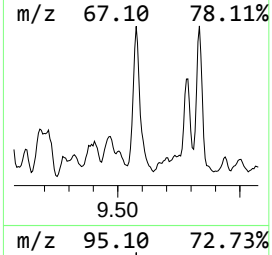


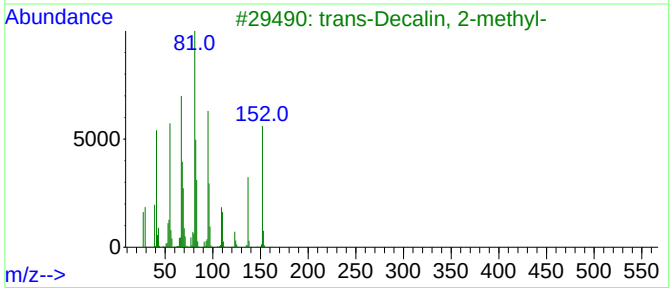


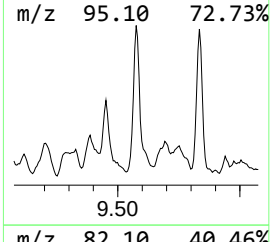


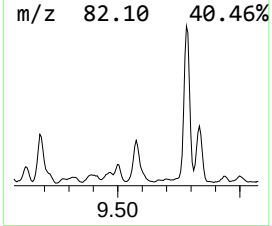












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Acq On : 11 Nov 2021 18:22
Operator : CG/JU
Sample : M4630-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-13S-16.0-16.5

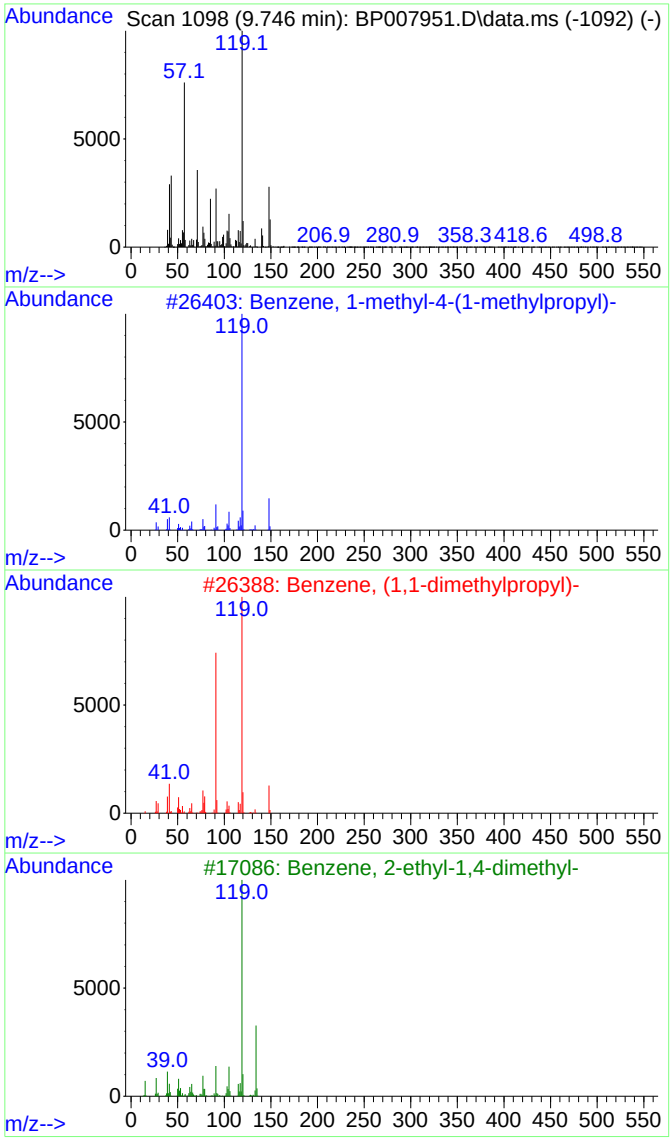
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

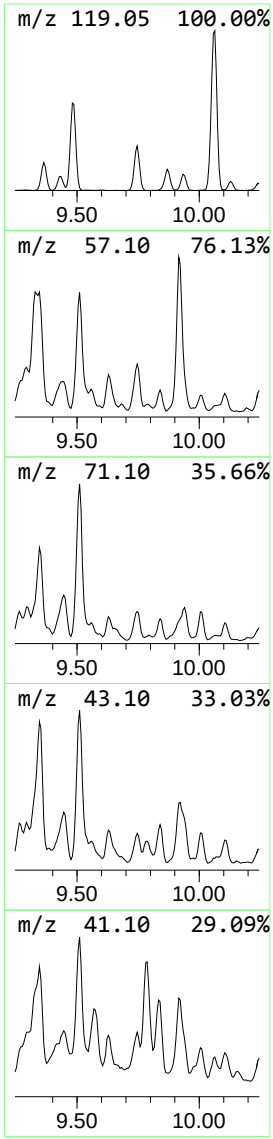
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-methyl-4-(1-meth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.746	11.27 ng	1360060	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	60
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	49
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	46
4	p-Cymene	134	C10H14	000099-87-6	46
5	o-Cymene	134	C10H14	000527-84-4	46





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SB-13S-16.0-16.5

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

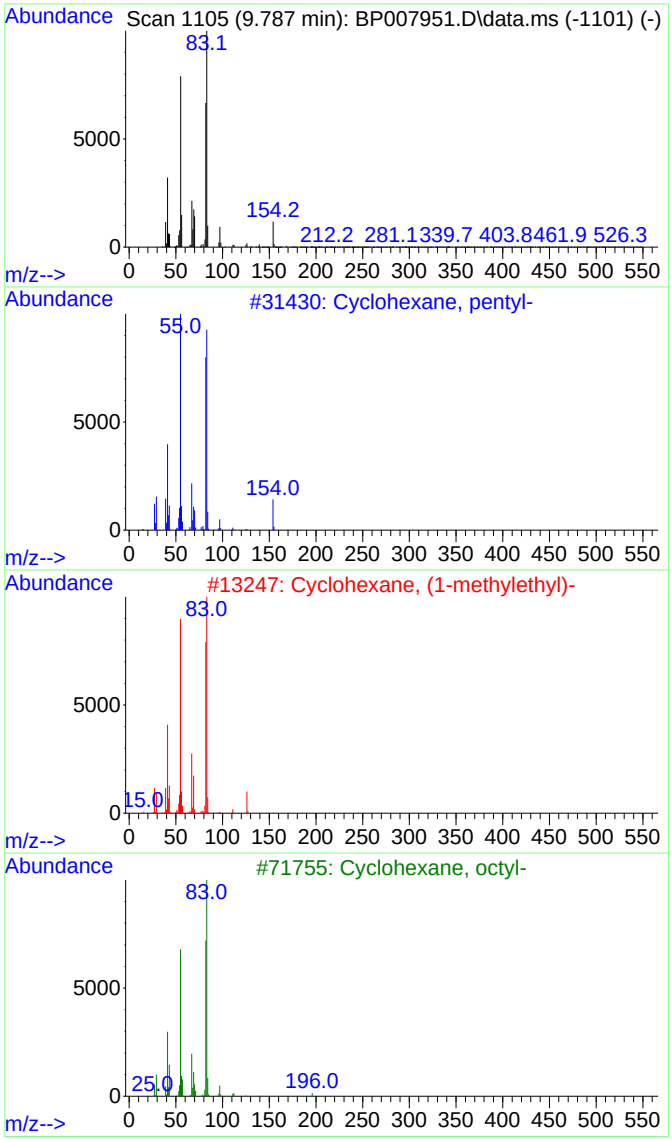
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

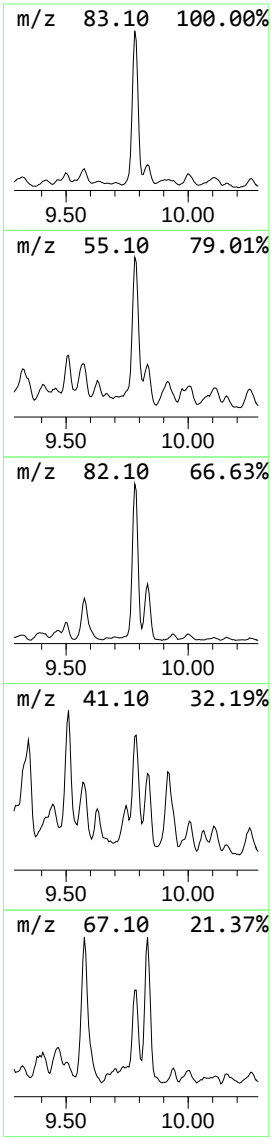
****

Peak Number 13 Cyclohexane, pentyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.787	20.26 ng	2444770	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	94
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	78
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	78
5	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	64





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ALS Vial : 11 Sample Multiplier: 1

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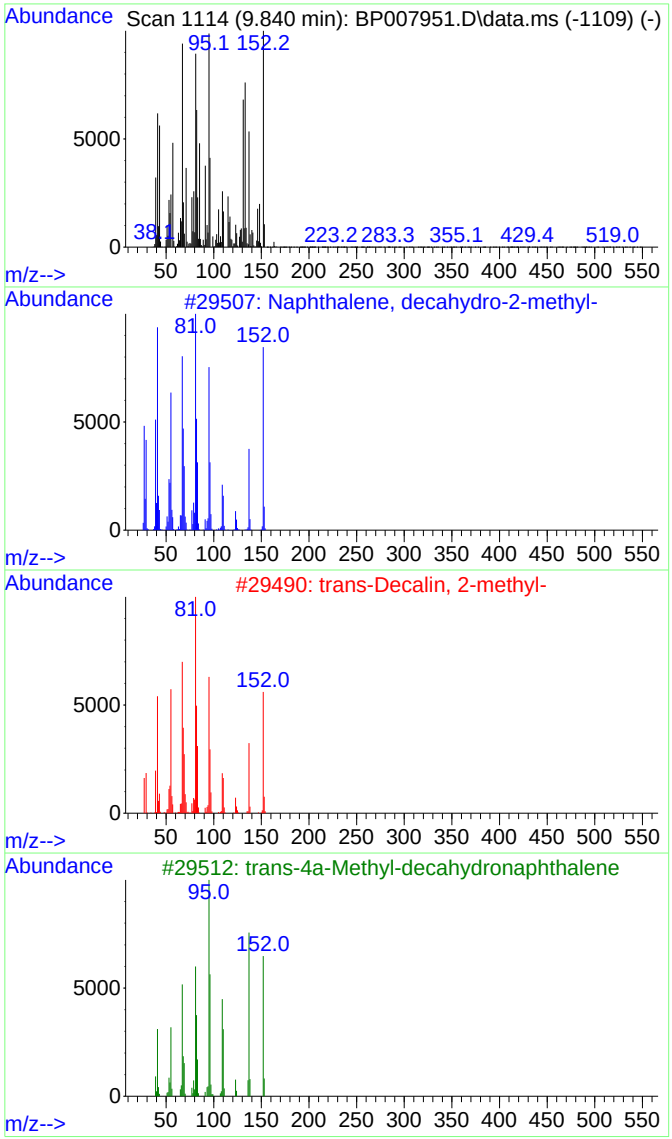
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

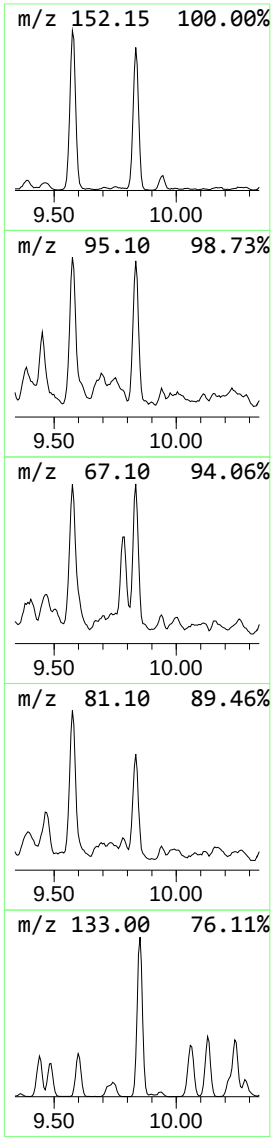
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, decahydro-2-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.840	24.71 ng	2981160	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	70
3	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	55
4	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	49
5	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	46





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Instrument :
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ClientSampleId :
SB-13S-16.0-16.5

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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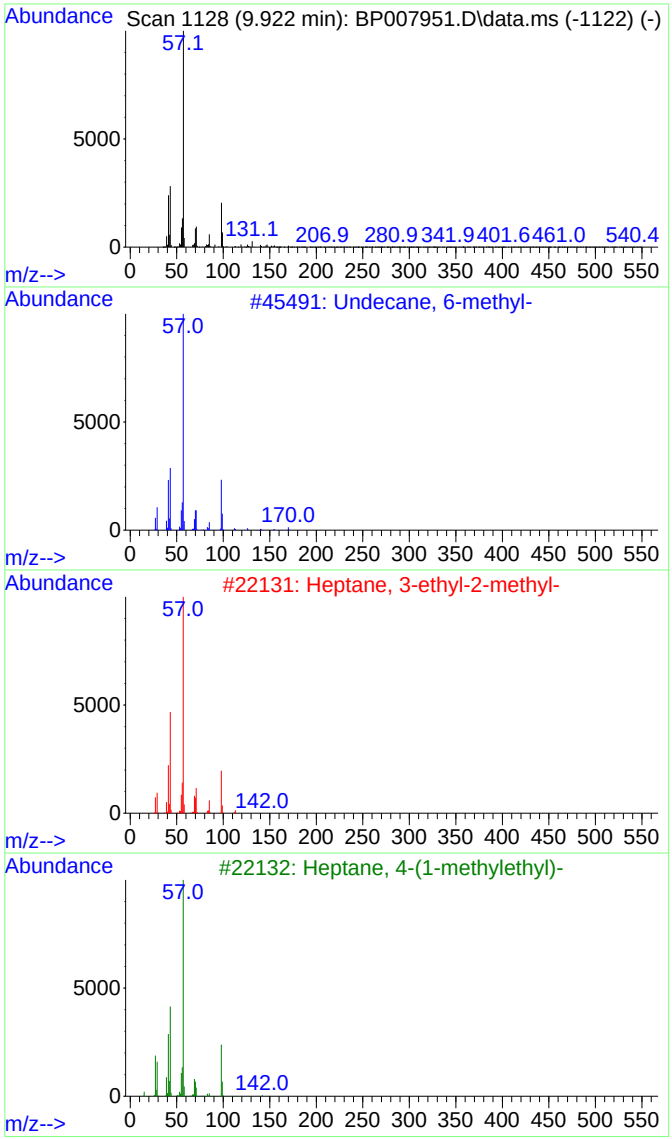
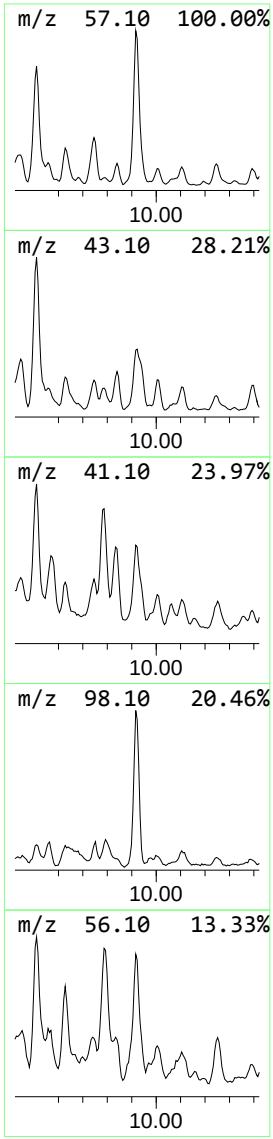
Peak Number 15 Undecane, 6-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.922	18.49 ng	2231520	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6-methyl-	170	C12H26	017302-33-9	72
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59
3	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	59
4	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	50
5	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007951.D
Acq On : 11 Nov 2021 18:22
Operator : CG/JU
Sample : M4630-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13S-16.0-16.5

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

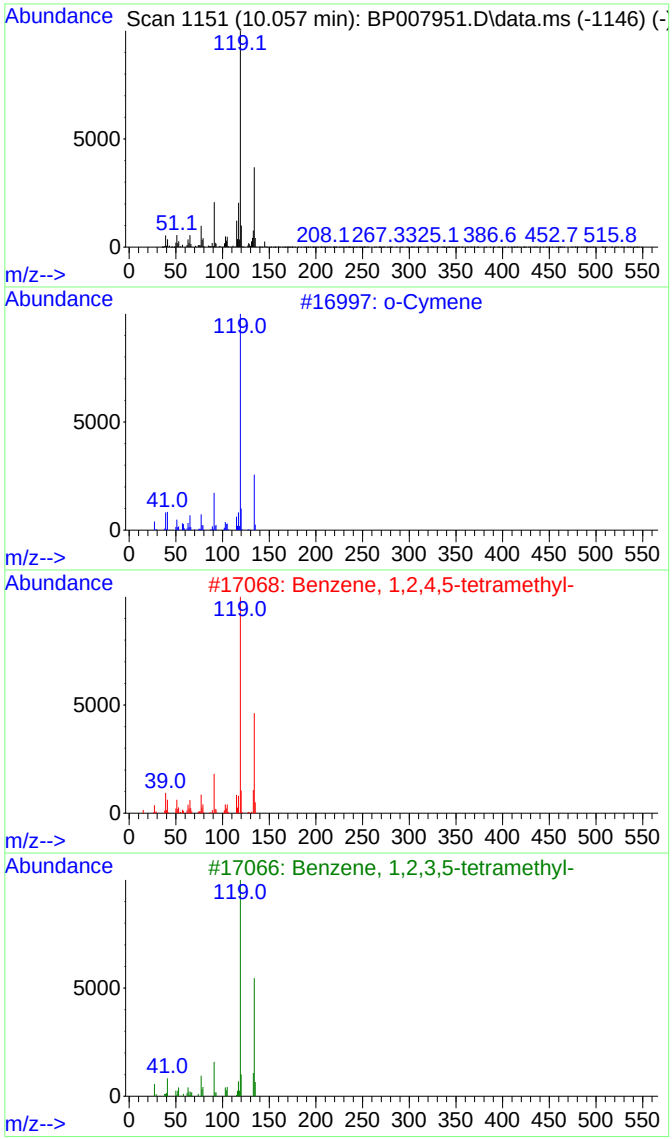
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

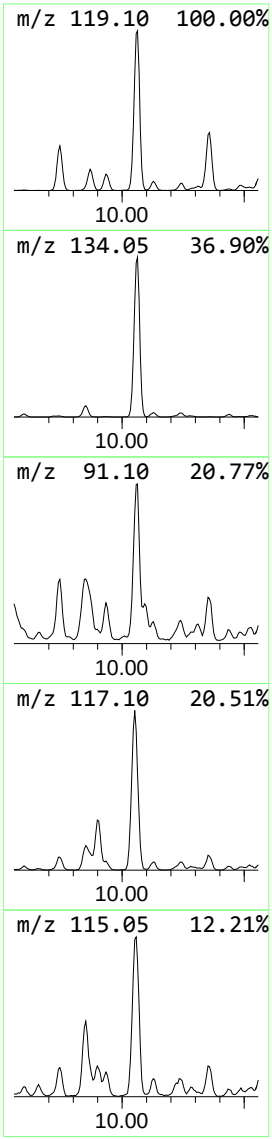
****

Peak Number 16 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.057	20.88 ng	2519610	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
4	p-Cymene	134	C10H14	000099-87-6	90
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007951.D
Acq On : 11 Nov 2021 18:22
Operator : CG/JU
Sample : M4630-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13S-16.0-16.5

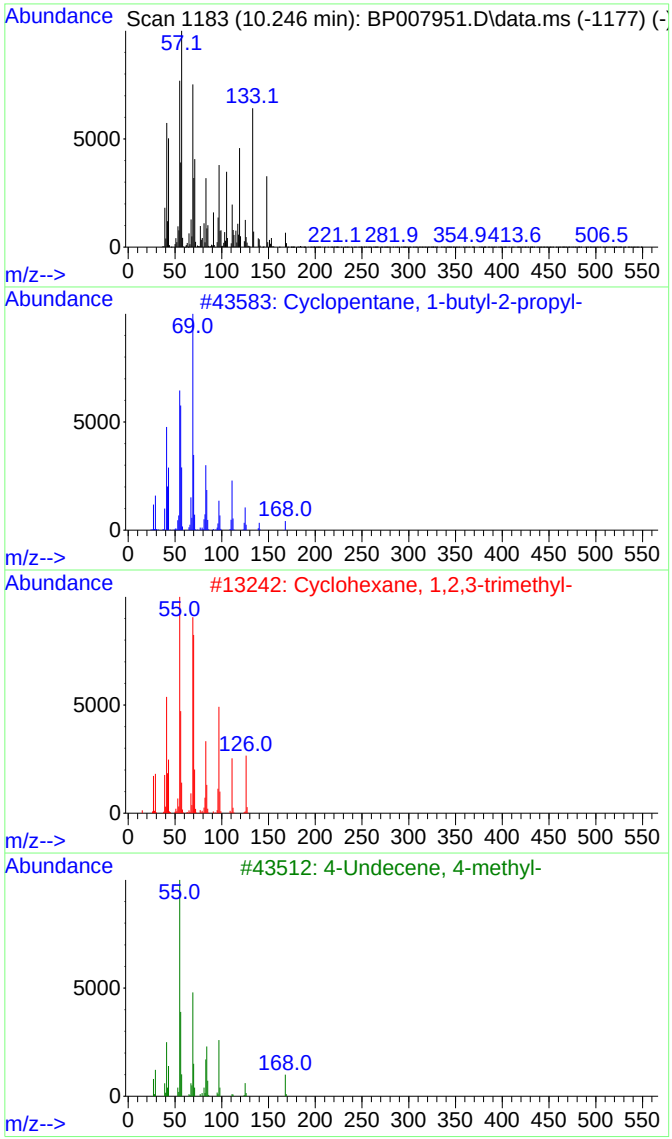
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

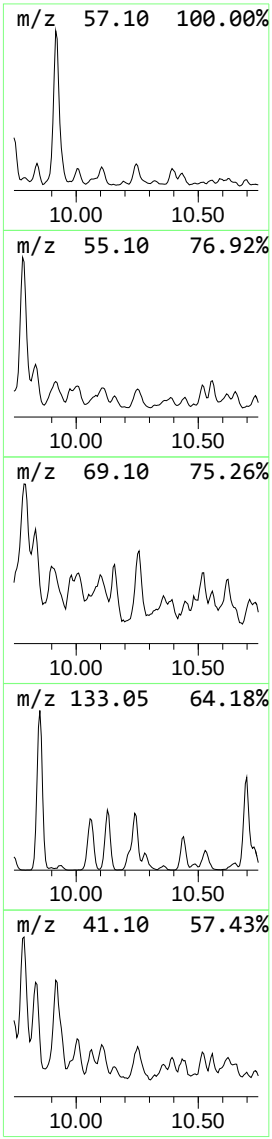
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Cyclopentane, 1-butyl-2-pro... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.246	9.79 ng	1181160	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-butyl-2-propyl-	168	C12H24	062199-50-2	50
2	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	43
3	4-Undecene, 4-methyl-	168	C12H24	061142-40-3	41
4	6-Dodecene, (E)-	168	C12H24	007206-17-9	38
5	5-Undecene, 7-methyl-, (Z)-	168	C12H24	074630-62-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007951.D
Acq On : 11 Nov 2021 18:22
Operator : CG/JU
Sample : M4630-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13S-16.0-16.5

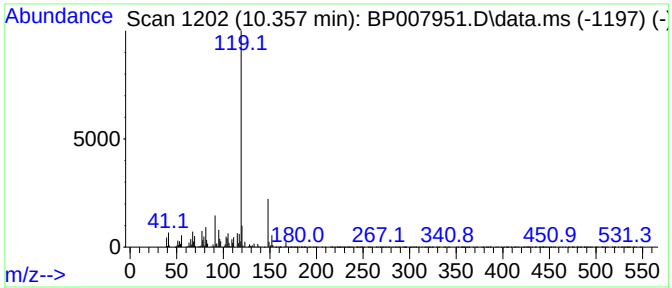
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

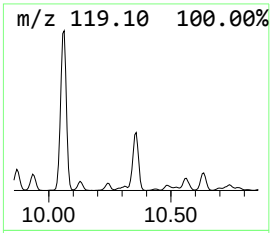
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

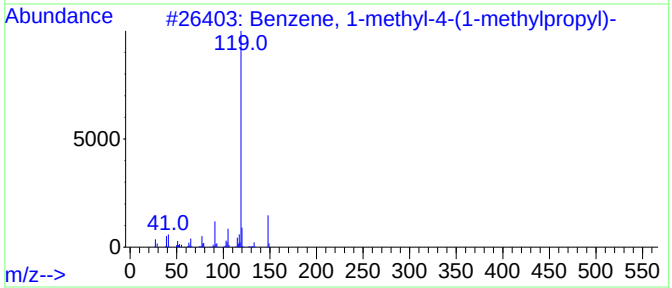
****
Peak Number 18 Benzene, (1,1-dimethylpropyl)- Concentration Rank 17

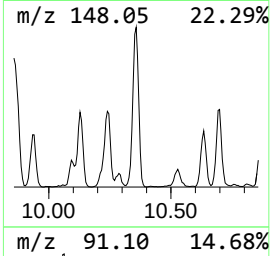
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.357	6.92 ng	835197	Naphthalene-d8	10.646

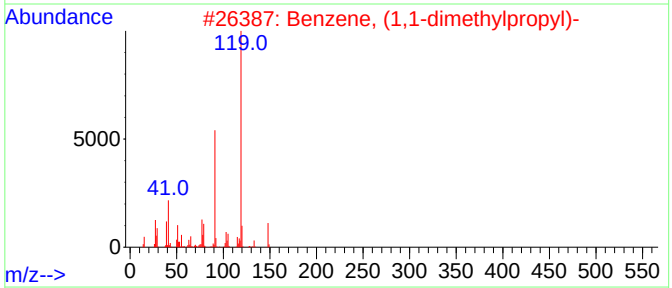
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	87
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	72
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	62
4	o-Cymene	134	C10H14	000527-84-4	58
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	58

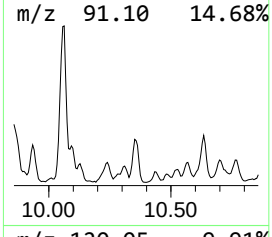


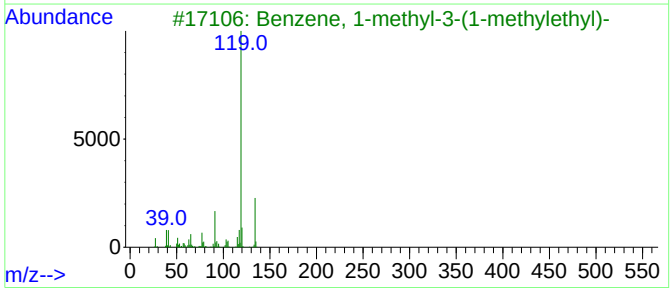


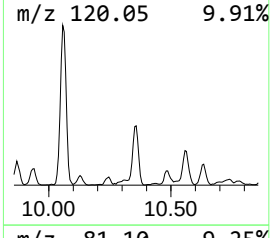


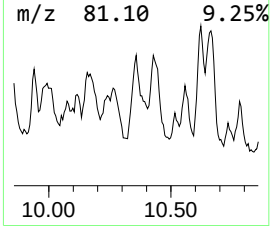












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007951.D
Acq On : 11 Nov 2021 18:22
Operator : CG/JU
Sample : M4630-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13S-16.0-16.5

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

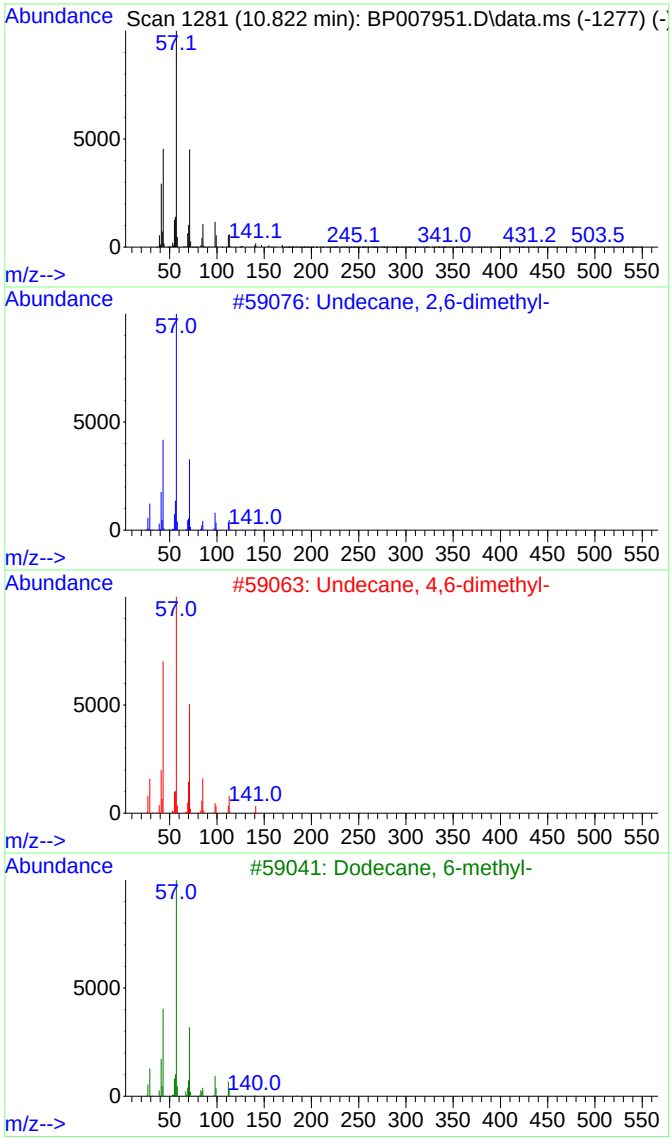
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

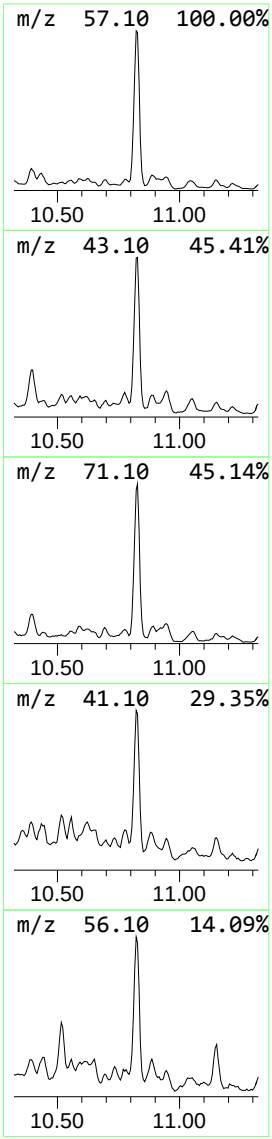
****

Peak Number 19 Undecane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.822	14.29 ng	1724700	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	87
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	76
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72
5	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007951.D
Acq On : 11 Nov 2021 18:22
Operator : CG/JU
Sample : M4630-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13S-16.0-16.5

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

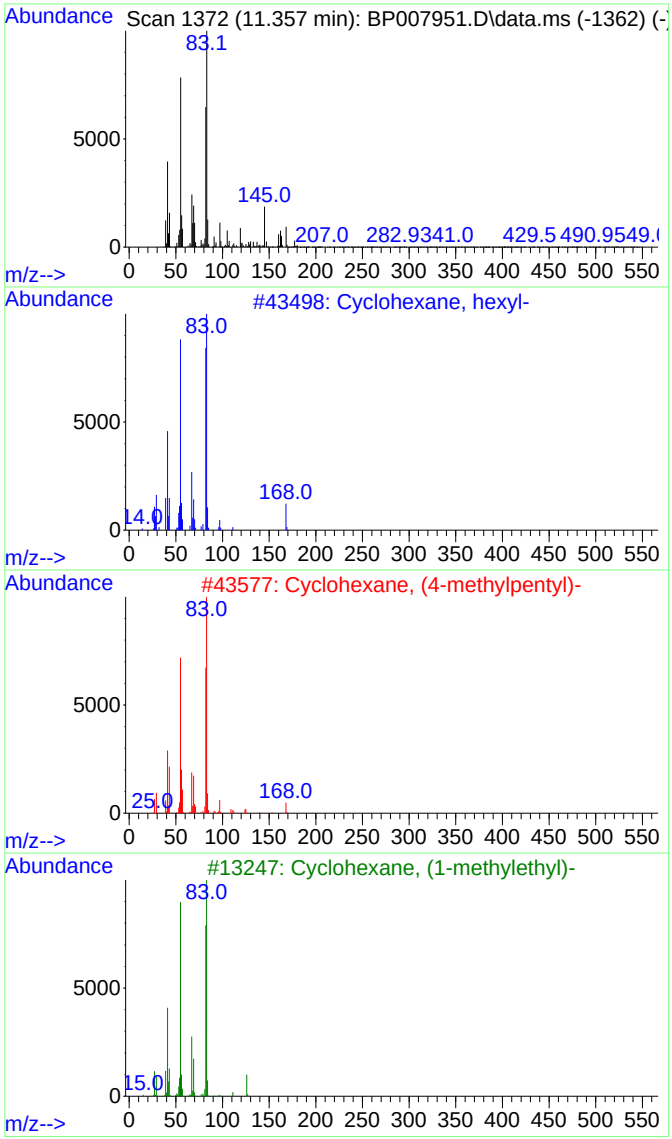
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

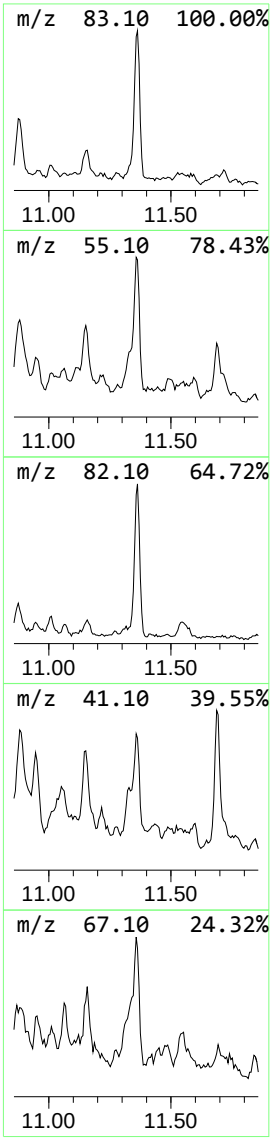
****

Peak Number 20 Cyclohexane, hexyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.357	6.76 ng	816297	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	87
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	86
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
4	Heptylcyclohexane	182	C13H26	005617-41-4	72
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007951.D
Acq On : 11 Nov 2021 18:22
Operator : CG/JU
Sample : M4630-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13S-16.0-16.5

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
Cyclohexane, 1-...	6.134	7.0	ng	3808700	1	7.852	10967900	20.0
unknown6.346	6.346	6.4	ng	3530260	1	7.852	10967900	20.0
Octane, 2,6-dim...	6.416	8.7	ng	4775150	1	7.852	10967900	20.0
Cyclohexane, pr...	6.493	11.5	ng	6285820	1	7.852	10967900	20.0
Undecane, 5,6-d...	6.758	6.6	ng	3617420	1	7.852	10967900	20.0
Nonane, 4-methyl-	6.852	11.6	ng	6371350	1	7.852	10967900	20.0
1-Methyl-4-(1-m...	7.416	7.7	ng	4245780	1	7.852	10967900	20.0
Cyclohexane, bu...	8.146	12.1	ng	6654830	1	7.852	10967900	20.0
Undecane, 5-met...	9.346	44.2	ng	5329420	2	10.646	2413360	20.0
Decane, 3,7-dim...	9.510	25.7	ng	3102970	2	10.646	2413360	20.0
Pulegone	9.575	16.2	ng	1957410	2	10.646	2413360	20.0
Benzene, 1-meth...	9.746	11.3	ng	1360060	2	10.646	2413360	20.0
Cyclohexane, pe...	9.787	20.3	ng	2444770	2	10.646	2413360	20.0
Naphthalene, de...	9.840	24.7	ng	2981160	2	10.646	2413360	20.0
Undecane, 6-met...	9.922	18.5	ng	2231520	2	10.646	2413360	20.0
o-Cymene	10.057	20.9	ng	2519610	2	10.646	2413360	20.0
Cyclopentane, 1...	10.246	9.8	ng	1181160	2	10.646	2413360	20.0
Benzene, (1,1-d...	10.357	6.9	ng	835197	2	10.646	2413360	20.0
Undecane, 2,6-d...	10.822	14.3	ng	1724700	2	10.646	2413360	20.0
Cyclohexane, he...	11.357	6.8	ng	816297	2	10.646	2413360	20.0