LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007961.D
Acq On : 12 Nov 2021 00:01
Operator : CG/JU
Sample : M4630-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13N-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: BP007961.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	262	rBV	191913	295263	2.61%	0.170%
2	4.893	268	273	277	rBV	139706	224549	1.98%	0.130%
3	4.952	278	283	287	rVV5	98215	205529	1.82%	0.119%
4	4.999	287	291	296	rVV	257376	369736	3.27%	0.213%
5	5.052	296	300	306	rVV	447617	723876	6.40%	0.418%
6	5.216	324	328	332	rVV	241701	337325	2.98%	0.195%
7	5.305	337	343	346	rVV3	562504	1202421	10.62%	0.694%
8	5.334	346	348	356	rVB2	406299	509104	4.50%	0.294%
9	5.434	356	365	372	rBV2	2010227	3321473	29.34%	1.917%
10	5.546	381	384	394	rVB3	140295	304022	2.69%	0.175%
11	5.657	394	403	409	rBV2	291051	529883	4.68%	0.306%
12	5.734	409	416	420	rBV3	518477	1016111	8.98%	0.586%
13	5.810	424	429	434	rVV	951201	1469840	12.99%	0.848%
14	5.875	434	440	448	rVB	3362834	5322086	47.02%	3.071%
15	5.952	448	453	462	rBV2	359530	594886	5.26%	0.343%
16	6.034	462	467	475	rVB2	158326	276918	2.45%	0.160%
17	6.128	475	483	490	rBV4	1261647	2881578	25.46%	1.663%
18	6.252	497	504	510	rVB2	651701	1385954	12.24%	0.800%
19	6.346	514	520	527	rBV3	1202699	2687827	23.75%	1.551%
20	6.416	527	532	536	rBV	2222534	3276418	28.95%	1.891%
21	6.493	536	545	548	rVV3	2062267	4027648	35.58%	2.324%
22	6.528	548	551	557	rVB	1499197	2195739	19.40%	1.267%
23	6.610	561	565	570	rVB3	446269	716721	6.33%	0.414%
24	6.675	570	576	582	rVB4	507487	918515	8.11%	0.530%
25	6.757	582	590	595	rVB2	973839	2387216	21.09%	1.378%
26	6.822	595	601	602	rBV	911486	1459412	12.89%	0.842%
27	6.852	602	606	611	rVB	2229591	3474572	30.70%	2.005%
28	6.904	611	615	619	rBV	1343021	1984902	17.54%	1.145%
29	6.946	619	622	626	rVB2	826552	1097572	9.70%	0.633%
30	7.016	626	634	640	rVB4	2642320	6399990	56.54%	3.693%
31	7.075	640	644	650	rVB	1072505	1519787	13.43%	0.877%
32	7.134	650	654	657	rBV	194015	279726	2.47%	0.161%
33	7.181	657	662	667	rVB3	526309	1009081	8.92%	0.582%
34	7.240	667	672	676	rBV3	945733	1471964	13.00%	0.849%
35	7.275	676	678	680	rBV2	209180	220919	1.95%	0.127%
36	7.310	680	684	686	rBV	474649	633654	5.60%	0.366%

LSC Area Percent Report

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Data File : BP007961.D
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Operator : CG/JU
Sample : M4630-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13N-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	7.340	686	689	694	rVV	1150057	1943701	17.17%	1.122%
38	7.416	698	702	708	rVB3	651471	1230406	10.87%	0.710%
39	7.487	708	714	721	rBV2	6009099	11318792	100.00%	6.532%
40	7.575	726	729	735	rVB3	558249	920439	8.13%	0.531%
41	7.628	735	738	741	rBV	226207	254792	2.25%	0.147%
42	7.675	741	746	747	rBV3	491134	768066	6.79%	0.443%
43	7.757	755	760	761	rBV2	710950	974261	8.61%	0.562%
44	7.840	768	774	779	rVB	4004666	6748029	59.62%	3.894%
45	7.893	779	783	784	rBV	347458	395652	3.50%	0.228%
46	7.928	784	789	792	rVV3	753667	1495423	13.21%	0.863%
47	7.969	792	796	803	rVV3	1074286	2156527	19.05%	1.245%
48	8.046	804	809	813	rVV2	1207796	1936192	17.11%	1.117%
49	8.087	813	816	818	rVV2	281630	372334	3.29%	0.215%
50	8.146	818	826	832	rVV3	1988056	4505099	39.80%	2.600%
51	8.204	832	836	844	rVB3	673363	1220214	10.78%	0.704%
52	8.293	847	851	857	rBV3	494607	832062	7.35%	0.480%
53	8.393	857	868	874	rBV5	1836514	4479709	39.58%	2.585%
54	8.451	874	878	881	rVB	1052723	1280534	11.31%	0.739%
55	8.493	881	885	887	rBV2	1111094	1515466	13.39%	0.875%
56	8.522	887	890	893	rVB	1096430	1355850	11.98%	0.782%
57	8.628	902	908	911	rBV	1396040	2326793	20.56%	1.343%
58	8.681	914	917	922	rVB	881796	1360660	12.02%	0.785%
59	8.804	935	938	942	rBV	454904	708954	6.26%	0.409%
60	8.857	942	947	954	rVB	702265	1361143	12.03%	0.785%
61	8.963	954	965	969	rBV4	2180709	5315294	46.96%	3.067%
62	9.004	969	972	976	rVV	966236	1747167	15.44%	1.008%
63	9.057	976	981	983	rVV4	1048000	1990037	17.58%	1.148%
64	9.093	983	987	996	rVB	4975671	8286978	73.21%	4.782%
65	9.181	996	1002	1003	rBV3	803679	1331485	11.76%	0.768%
66	9.210	1003	1007	1013	rVB3	1323177	2725993	24.08%	1.573%
67	9.293	1013	1021	1023	rBV3	550393	1116773	9.87%	0.644%
68	9.346	1024	1030	1036	rVB4	824245	1779323	15.72%	1.027%
69	9.504	1050	1057	1060	rBV2	688174	1404832	12.41%	0.811%
70	9.540	1060	1063	1066	rVV	385413	487610	4.31%	0.281%
71	9.745	1091	1098	1100	rBV3	383423	722642	6.38%	0.417%
72	9.781	1100	1104	1109	rVV2	995783	1781967	15.74%	1.028%
73	9.834	1109	1113	1121	rVB6	875255	1840428	16.26%	1.062%
74	10.004	1135	1142	1146	rBV3	663331	1057497	9.34%	0.610%
75	10.057	1146	1151	1154	rBV3	781904	1357711	12.00%	0.784%
76	10.193	1169	1174	1178	rBV2	396166	698321	6.17%	0.403%

LSC Area Percent Report

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Operator : CG/JU
Sample : M4630-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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SB-13N-16.0-16.5

Integration Parameters: rteint.p
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.240	1179	1182	1186	rVV5	272574	469103	4.14%	0.271%
78	10.281	1187	1189	1195	rVB	244551	300112	2.65%	0.173%
79	10.357	1196	1202	1205	rBV	274410	461629	4.08%	0.266%
80	10.434	1211	1215	1220	rVB4	187973	322556	2.85%	0.186%
81	10.522	1225	1230	1232	rVV3	212421	364070	3.22%	0.210%
82	10.557	1232	1236	1241	rVV4	250834	530886	4.69%	0.306%
83	10.634	1242	1249	1255	rVV2	1908712	3547278	31.34%	2.047%
84	10.698	1255	1260	1268	rVV	600306	1276797	11.28%	0.737%
85	10.769	1268	1272	1277	rVV4	202798	412647	3.65%	0.238%
86	10.822	1277	1281	1286	rVV	561308	811622	7.17%	0.468%
87	10.875	1286	1290	1298	rVV4	130954	259113	2.29%	0.150%
88	10.951	1298	1303	1308	rVB4	100472	206319	1.82%	0.119%
89	11.357	1361	1372	1380	rBV7	135083	373605	3.30%	0.216%
90	11.687	1422	1428	1437	rBV4	134636	277864	2.45%	0.160%
91	12.081	1489	1495	1505	rBV	147810	230193	2.03%	0.133%
92	12.304	1524	1533	1541	rVB2	114172	225469	1.99%	0.130%
93	13.110	1663	1670	1682	rBV	2108800	3108653	27.46%	1.794%
94	14.481	1896	1903	1911	rVB	683318	1015617	8.97%	0.586%
95	15.975	2151	2157	2173	rBV	2142289	3062380	27.06%	1.767%
96	17.239	2365	2372	2378	rBV	1007098	1412214	12.48%	0.815%
97	19.804	2802	2808	2814	rBV	5712856	6648867	58.74%	3.837%
98	21.045	3015	3019	3025	rBV	430243	679523	6.00%	0.392%
99	21.333	3062	3068	3072	rBV	1795036	2390763	21.12%	1.380%
100	23.739	3470	3477	3487	rVB2	1448592	3059104	27.03%	1.765%

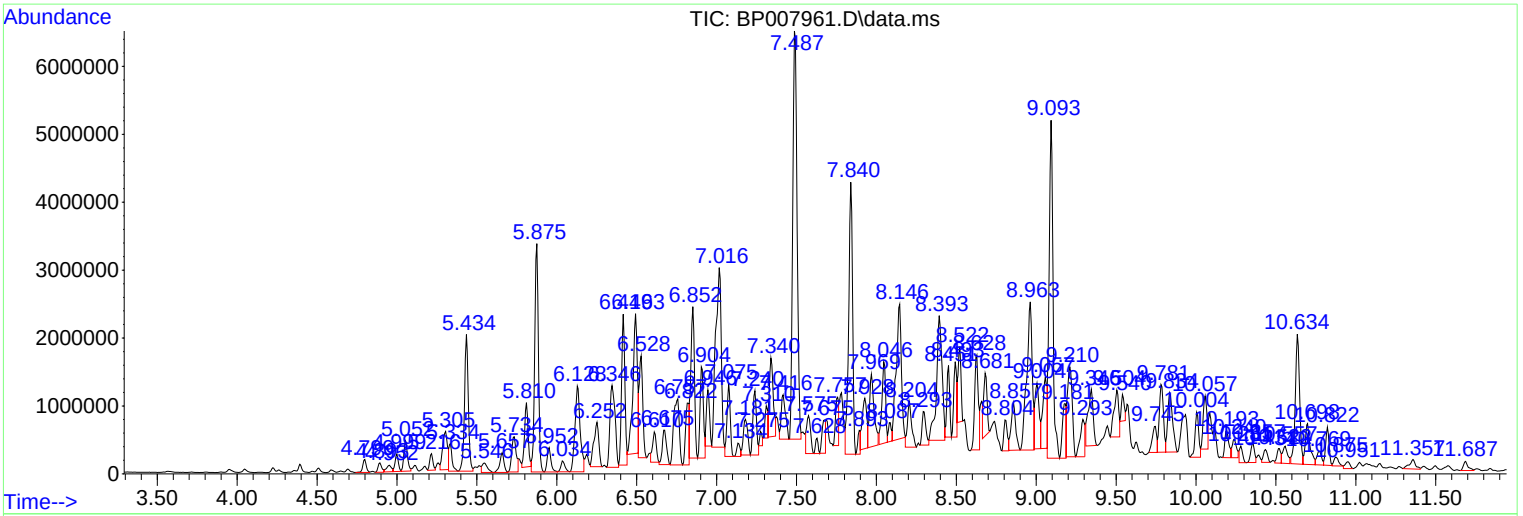
Sum of corrected areas: 173283757

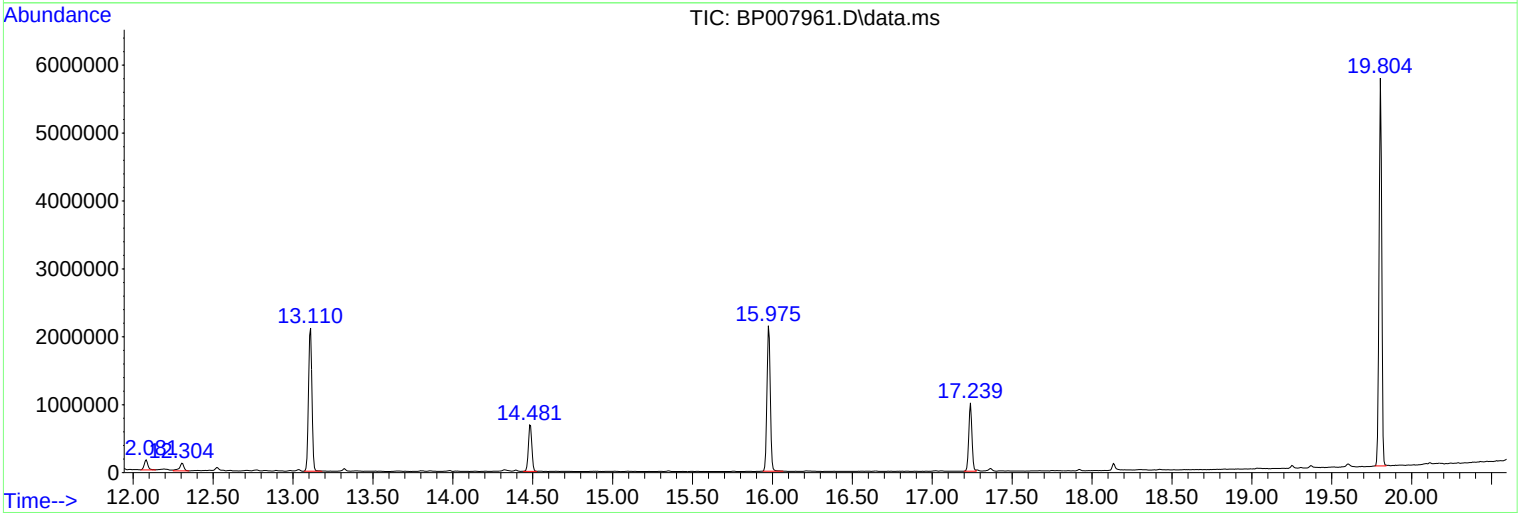
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007961.D
Acq On : 12 Nov 2021 00:01
Operator : CG/JU
Sample : M4630-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

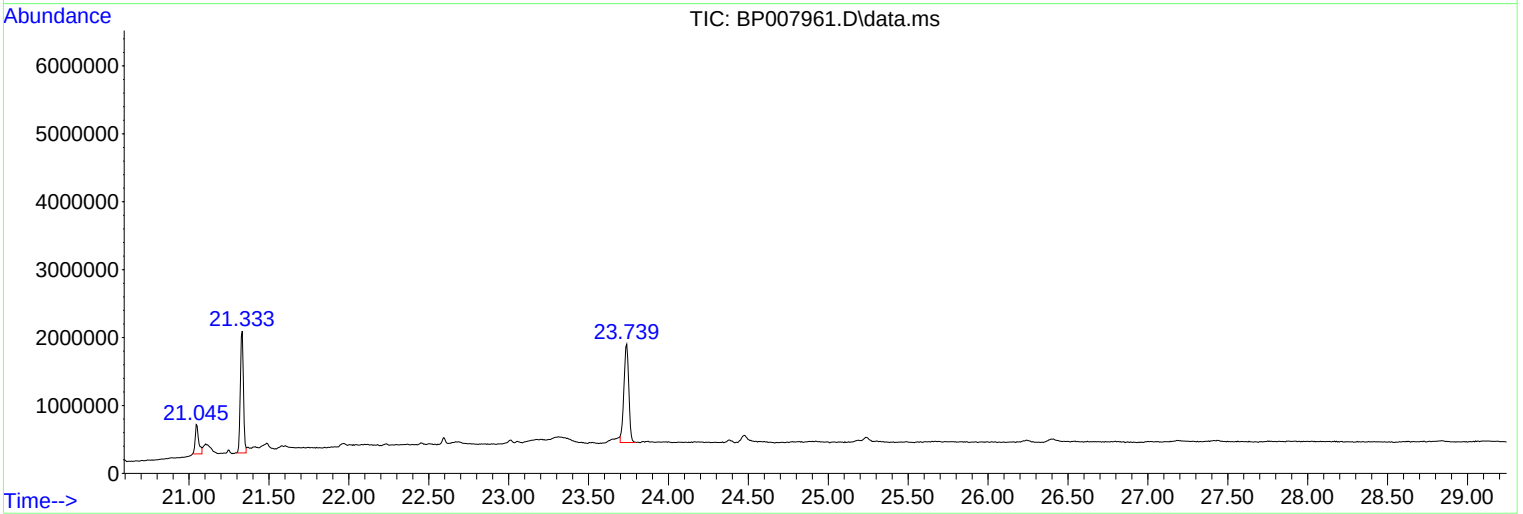
Instrument :
BNA_P
ClientSampleId :
SB-13N-16.0-16.5

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 : BP007961.D
Acq On : 12 Nov 2021 00:01
Operator : CG/JU
Sample : M4630-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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

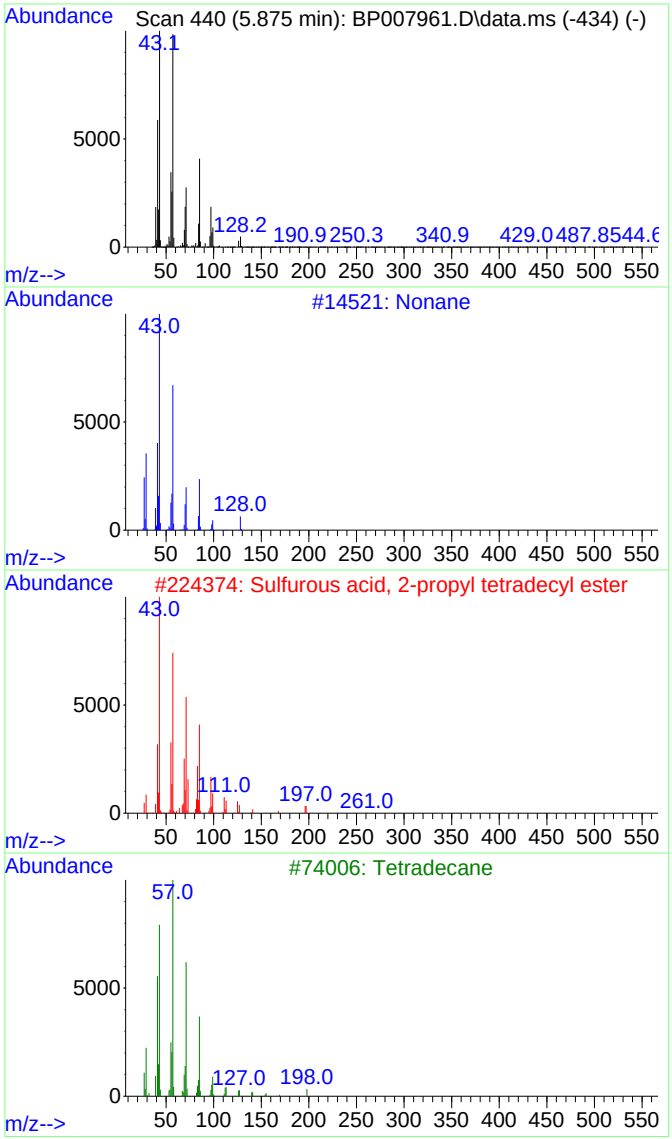
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

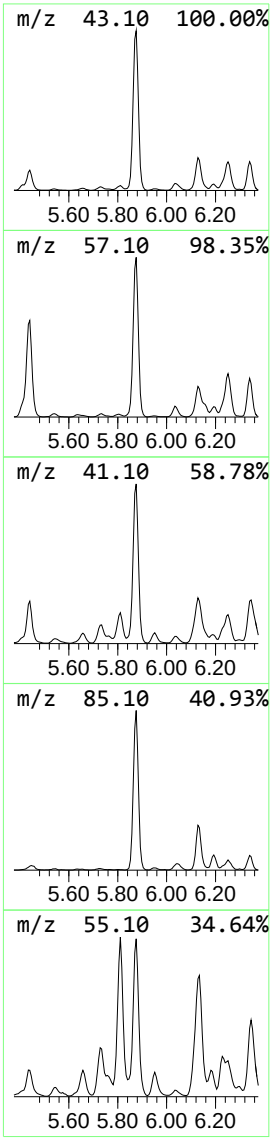
****

Peak Number 1 Nonane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.875	15.77 ng	5322090	1,4-Dichlorobenzene-d4	7.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	90
2	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	59
3	Tetradecane	198	C14H30	000629-59-4	53
4	Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	53
5	1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
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Acq On : 12 Nov 2021 00:01
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Sample : M4630-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

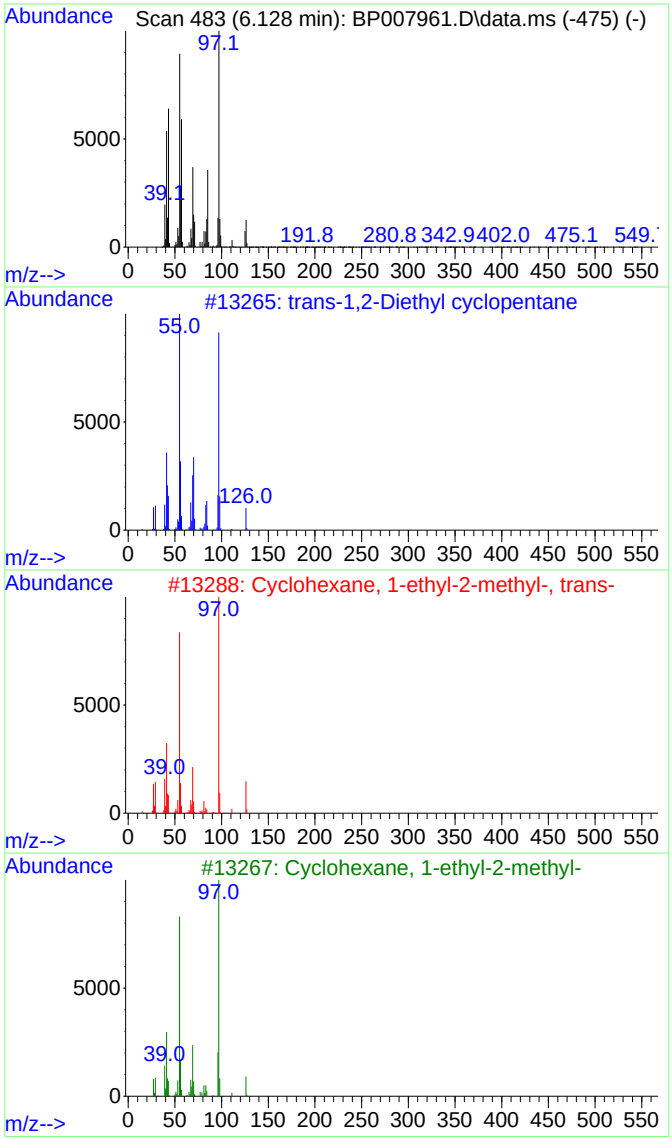
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

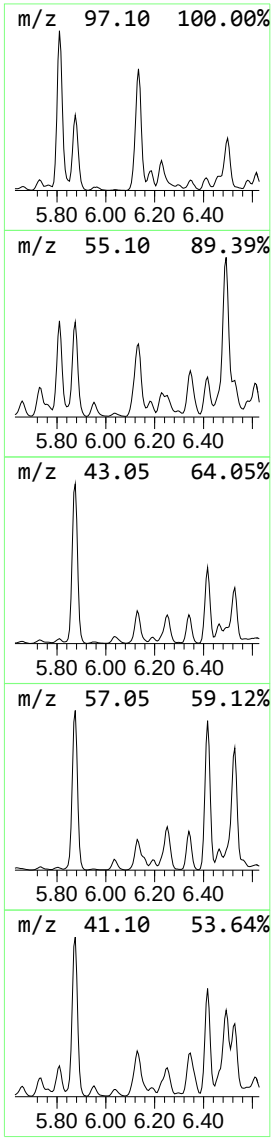
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 trans-1,2-Diethyl cyclopentane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.128	8.54 ng	2881580	1,4-Dichlorobenzene-d4	7.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	87
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	62
3	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	58
4	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	53
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
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Acq On : 12 Nov 2021 00:01
Operator : CG/JU
Sample : M4630-07
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ALS Vial : 21 Sample Multiplier: 1

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

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

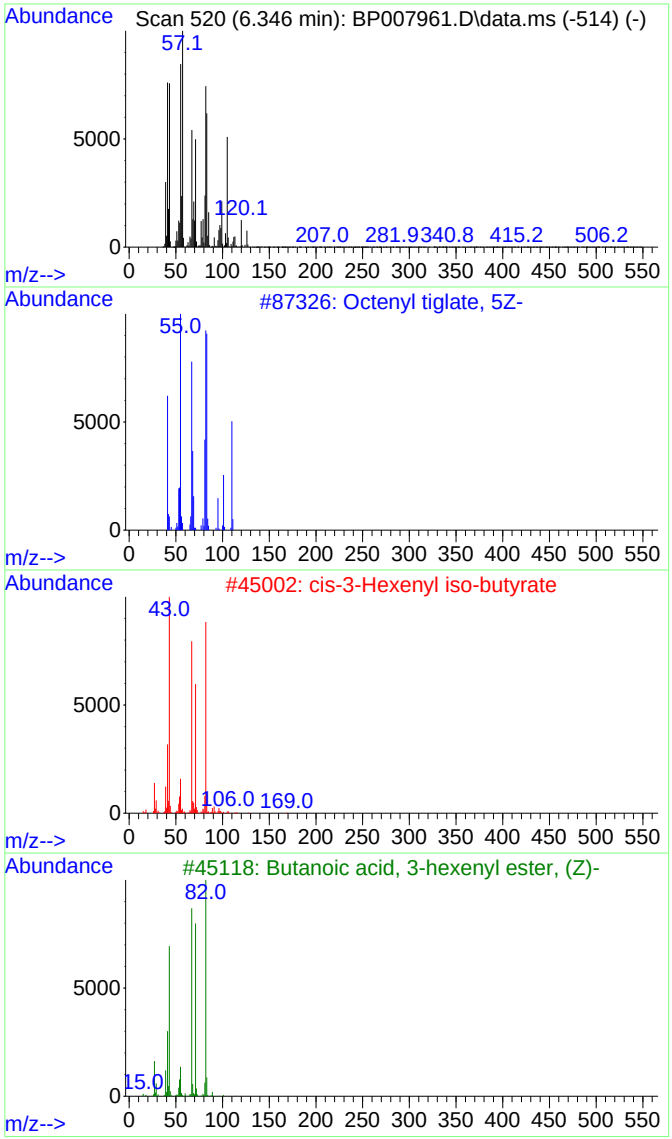
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

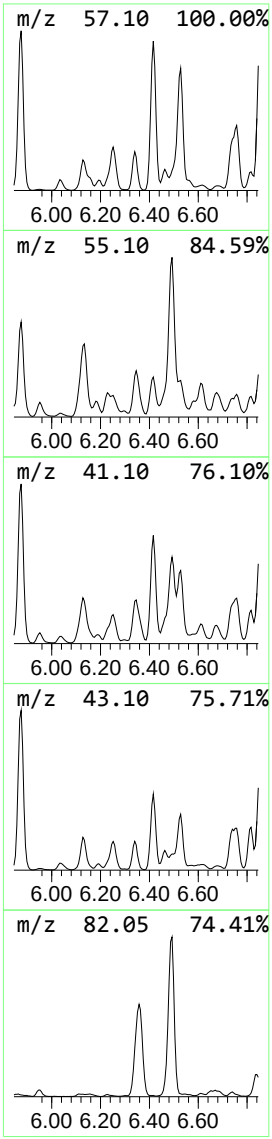
****

Peak Number 3 unknown6.346 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.346	7.97 ng	2687830	1,4-Dichlorobenzene-d4	7.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octenyl tiglate, 5Z-	210	C13H22O2	1000383-60-1	43
2	cis-3-Hexenyl iso-butyrate	170	C10H18O2	041519-23-7	43
3	Butanoic acid, 3-hexenyl ester, ...	170	C10H18O2	016491-36-4	43
4	Glutaric acid, cyclohexylmethyl ...	310	C18H30O4	1000394-02-8	35
5	2,4-Hexadiene, (E,Z)-	82	C6H10	005194-50-3	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007961.D
Acq On : 12 Nov 2021 00:01
Operator : CG/JU
Sample : M4630-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

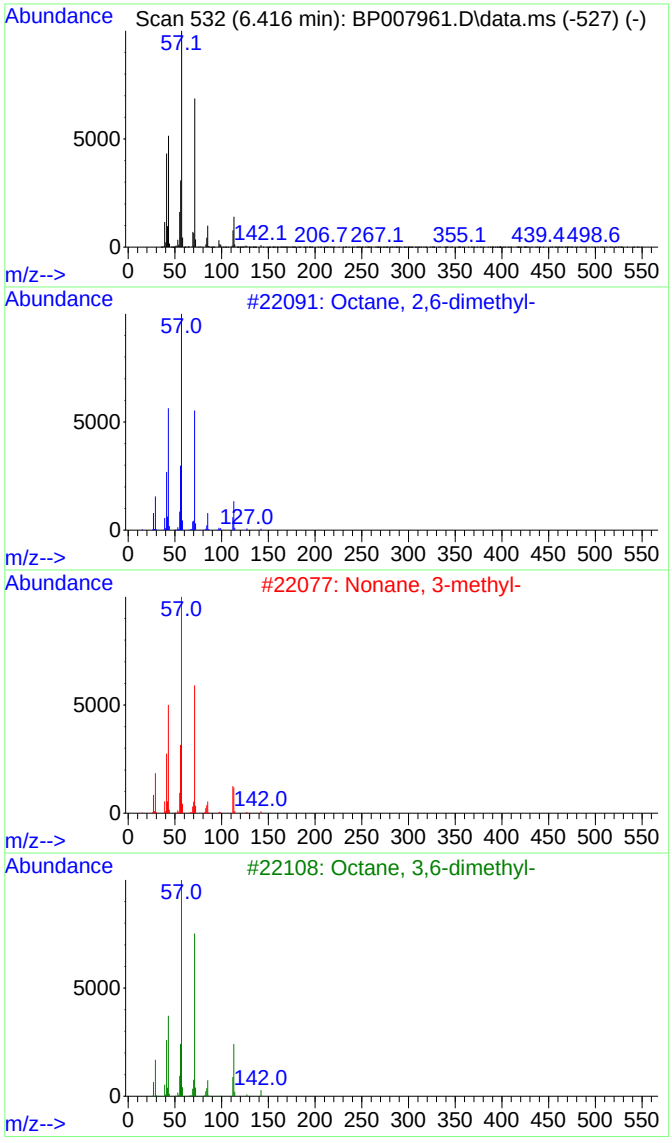
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

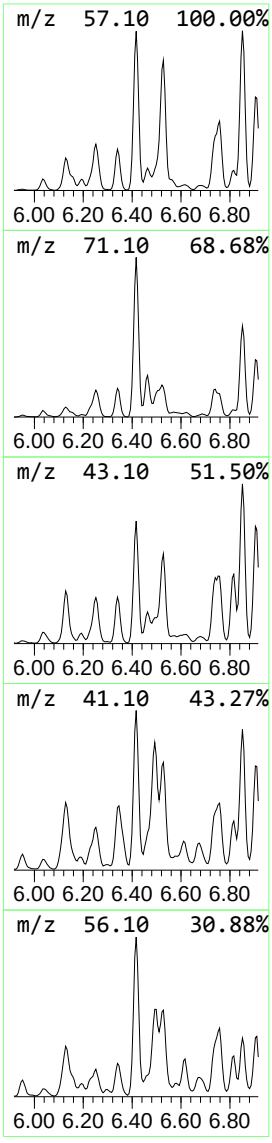
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Octane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.416	9.71 ng	3276420	1,4-Dichlorobenzene-d4	7.851

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	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	59
5	Octane, 2-iodo-	240	C8H17I	000557-36-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007961.D
Acq On : 12 Nov 2021 00:01
Operator : CG/JU
Sample : M4630-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

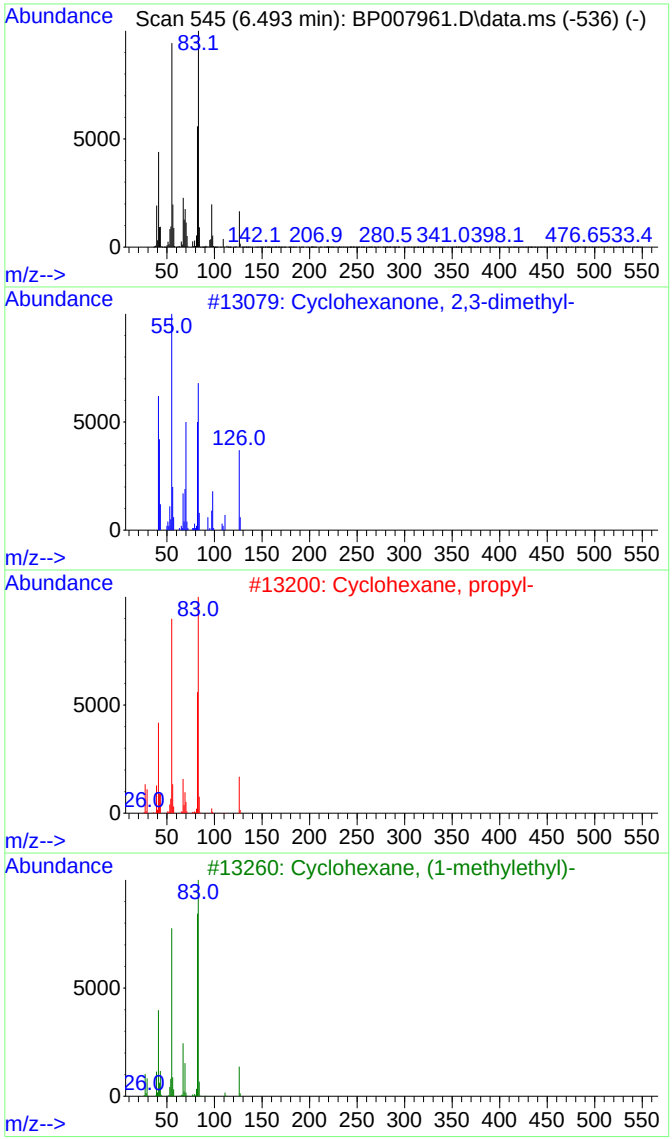
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

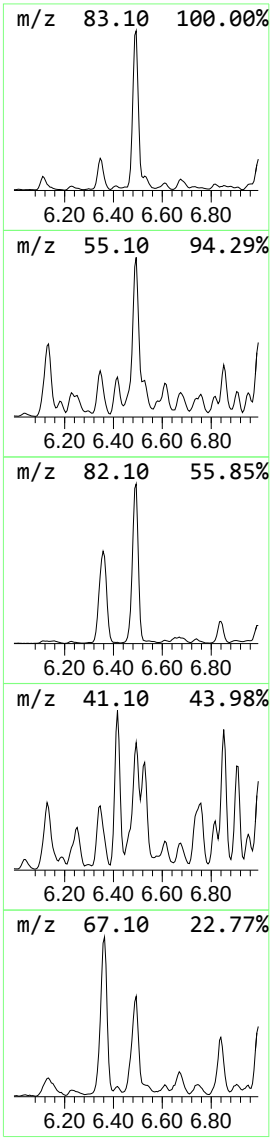
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.493	11.94 ng	4027650	1,4-Dichlorobenzene-d4	7.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	87
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	60
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	59
5	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	53





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Operator : CG/JU
Sample : M4630-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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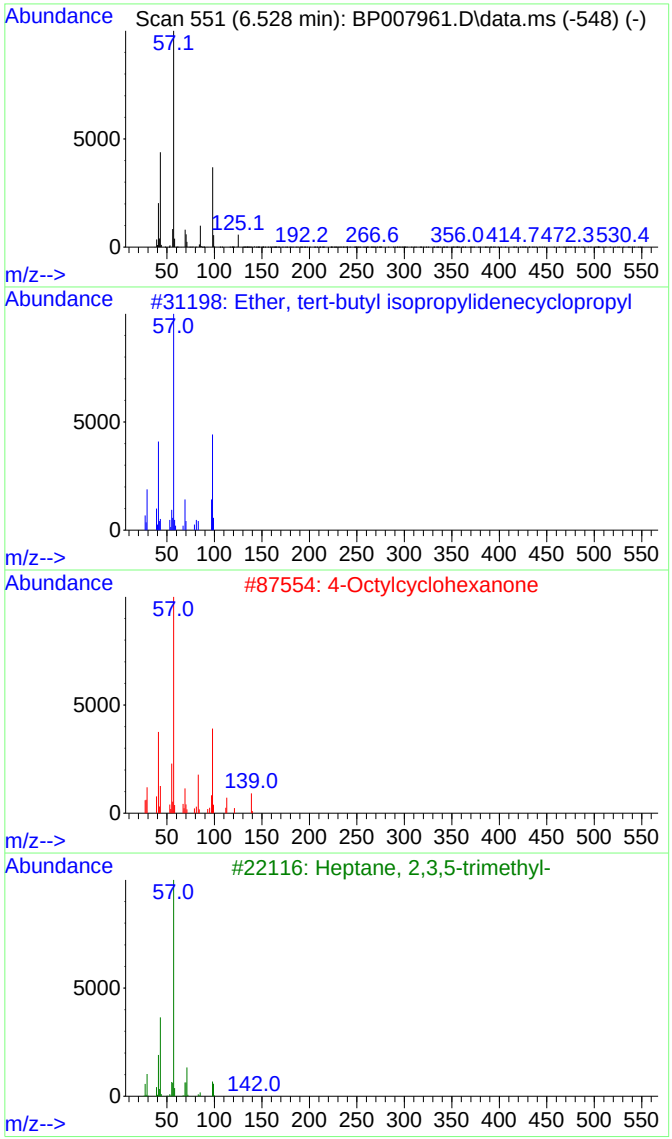
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

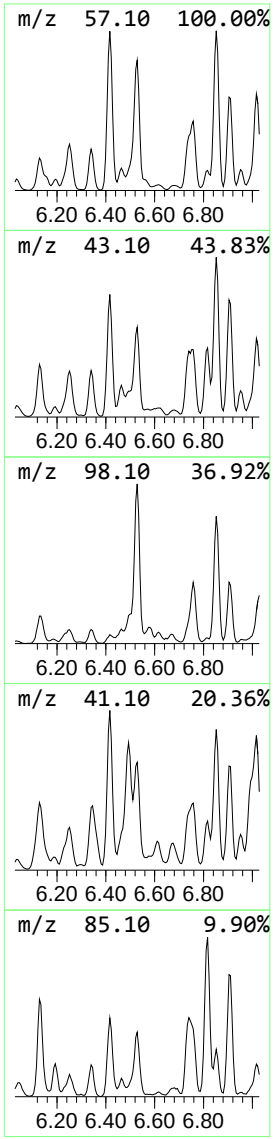
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Ether, tert-butyl isopropyl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.528	6.51 ng	2195740	1,4-Dichlorobenzene-d4	7.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ether, tert-butyl isopropylidene...	154	C10H18O	024524-56-9	53
2	4-Octylcyclohexanone	210	C14H26O	1000428-94-1	50
3	Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	47
4	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	47
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

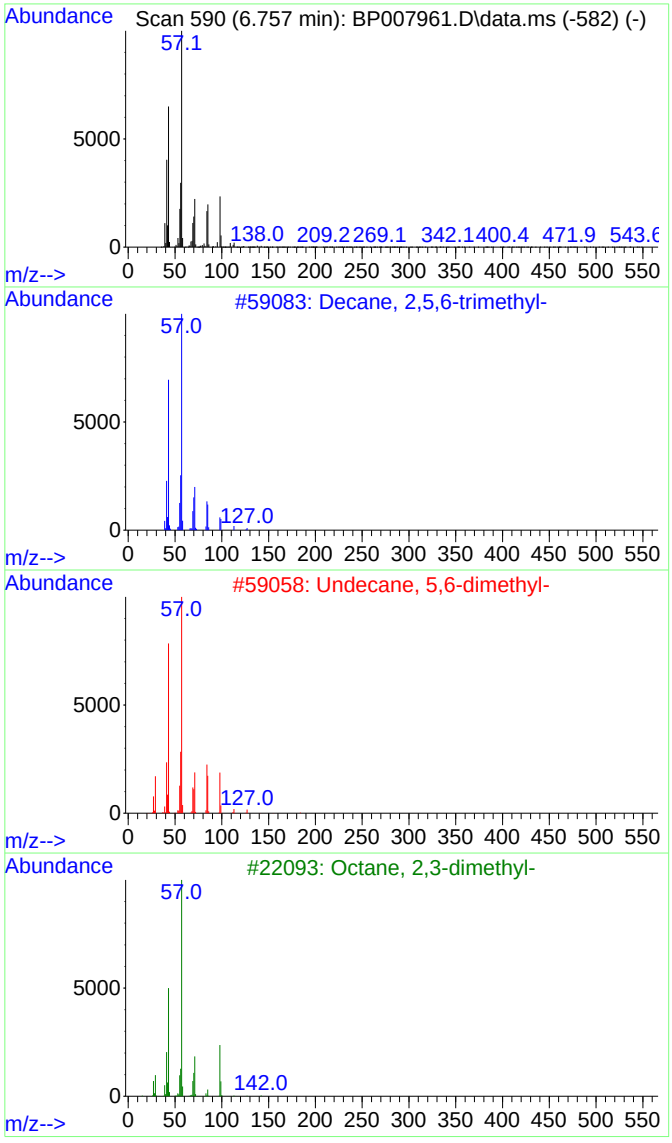
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

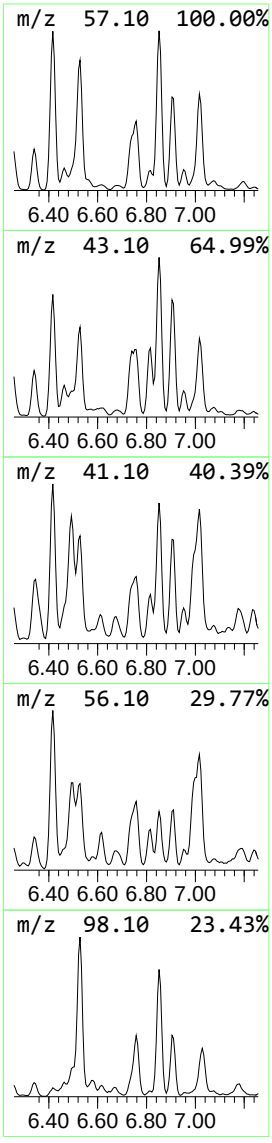
****

Peak Number 7 Decane, 2,5,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.757	7.08 ng	2387220	1,4-Dichlorobenzene-d4	7.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	72
2	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	64
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	58
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	58
5	Nonane	128	C9H20	000111-84-2	47





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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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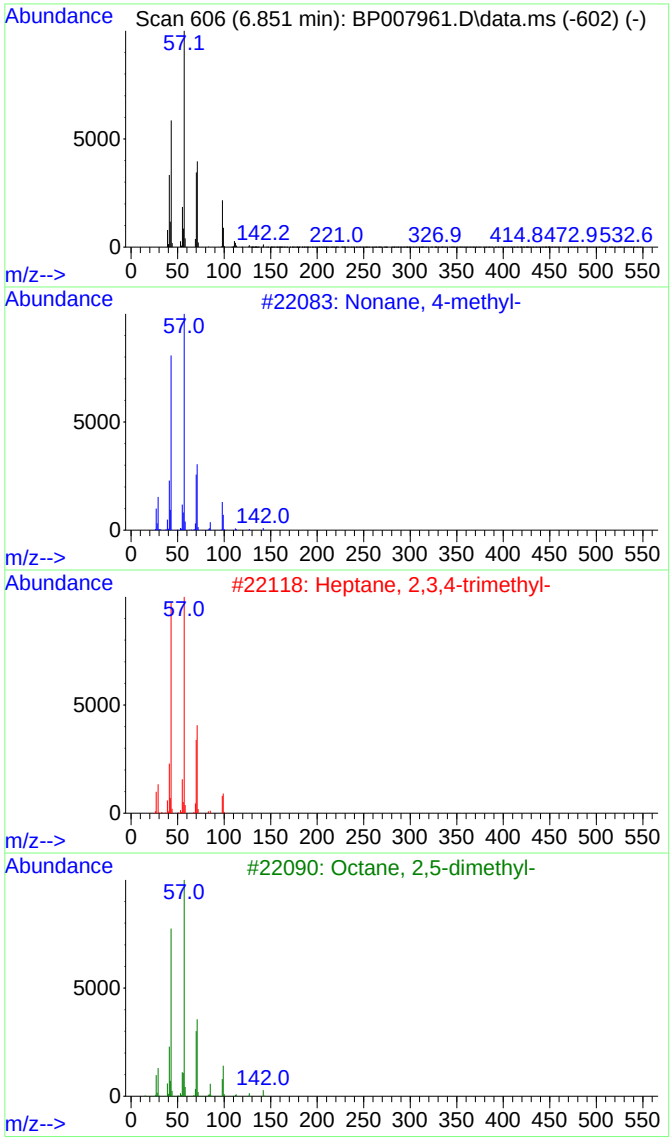
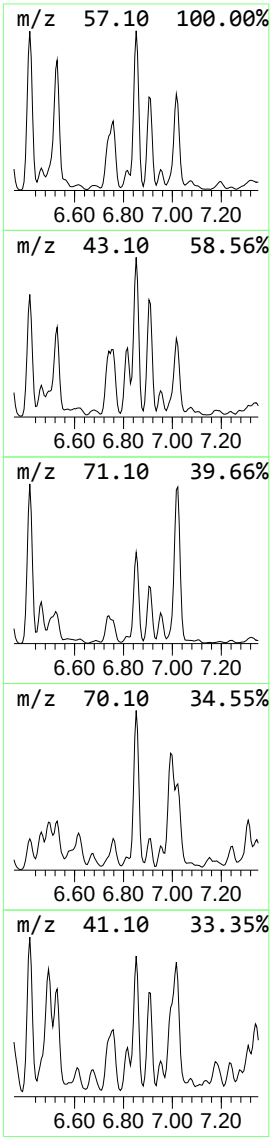
Peak Number 8 Nonane, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.851	10.30 ng	3474570	1,4-Dichlorobenzene-d4	7.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	87
2	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	59
3	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	59
4	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	53
5	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	53





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Instrument :
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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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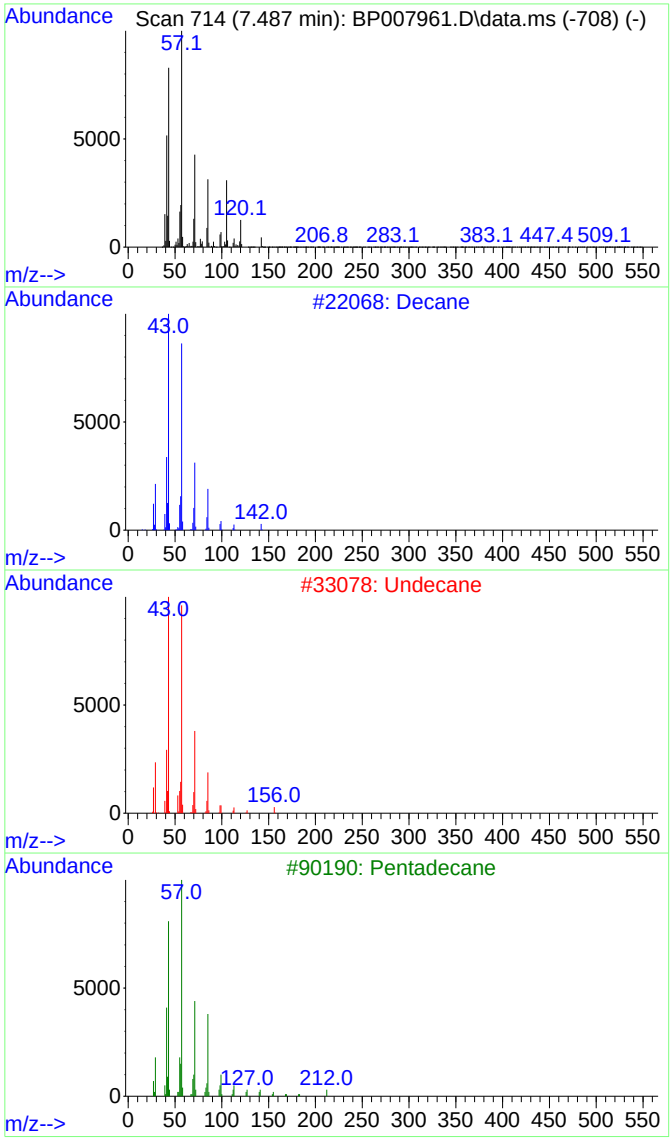
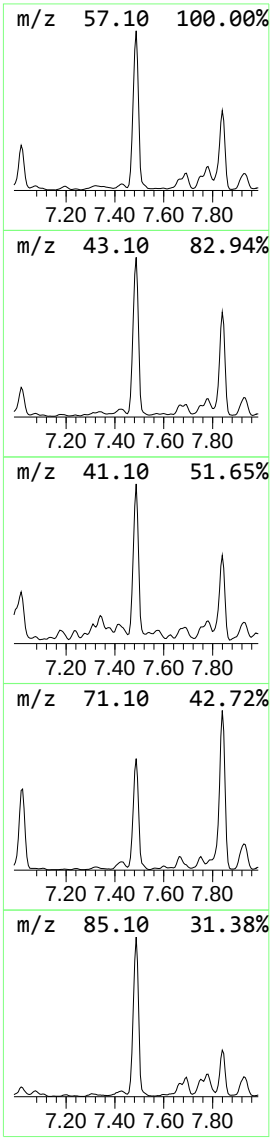
Peak Number 9 Decane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.487	33.55 ng	11318800	1,4-Dichlorobenzene-d4	7.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	90
2	Undecane	156	C11H24	001120-21-4	59
3	Pentadecane	212	C15H32	000629-62-9	59
4	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	58
5	Tridecane	184	C13H28	000629-50-5	53





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

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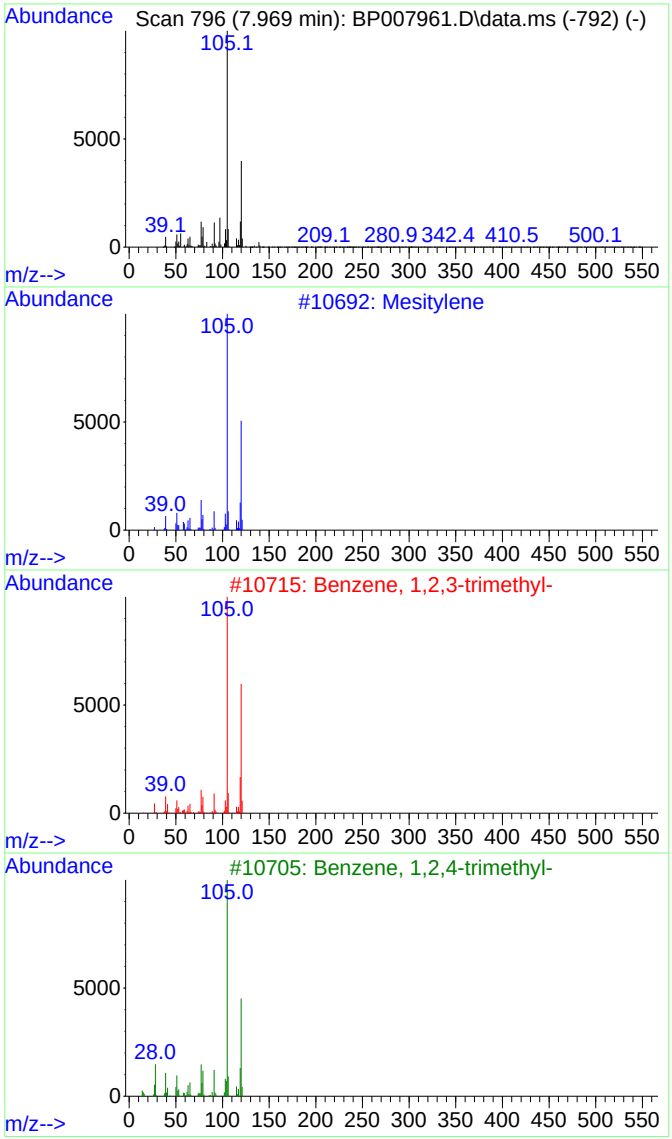
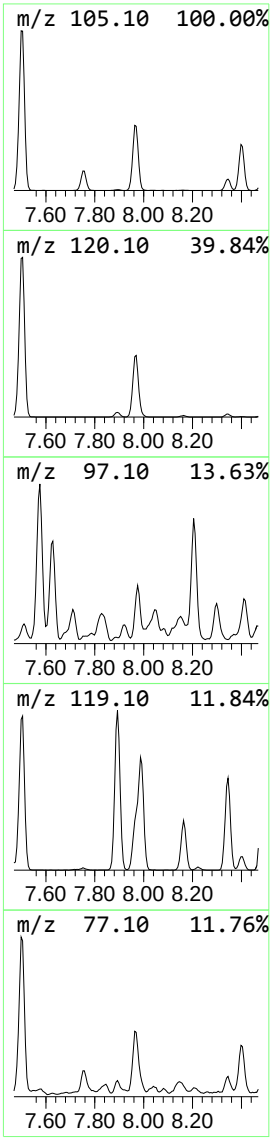
Peak Number 10 Mesitylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.969	6.39 ng	2156530	1,4-Dichlorobenzene-d4	7.851

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	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	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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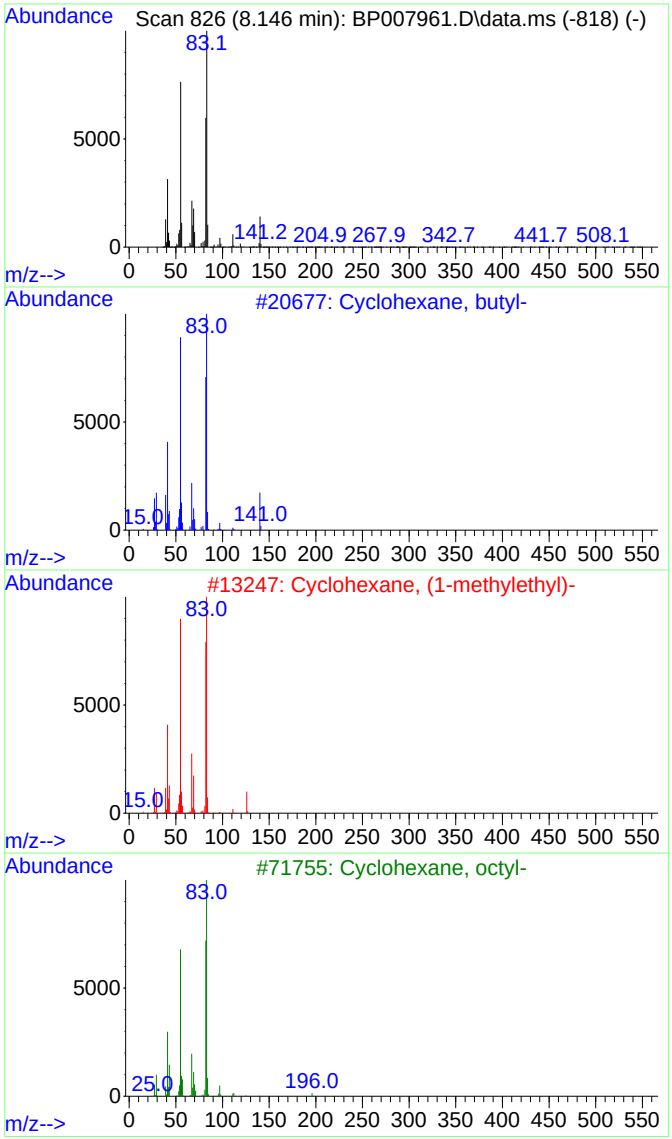
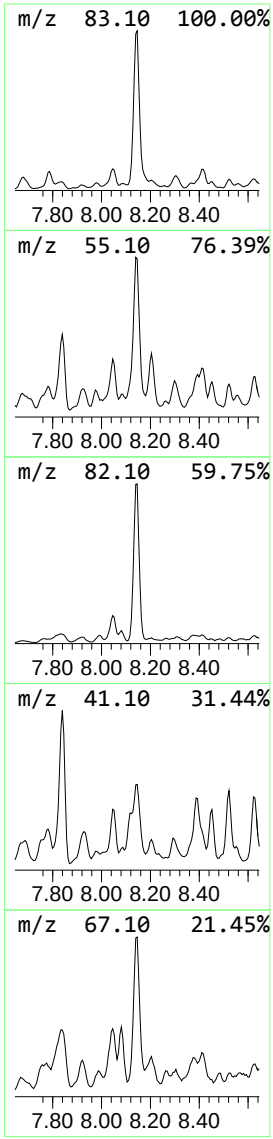
Peak Number 11 Cyclohexane, butyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.146	13.35 ng	4505100	1,4-Dichlorobenzene-d4	7.851

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, octyl-	196	C14H28	001795-15-9	78
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5	Cyclohexane, decyl-	224	C16H32	001795-16-0	59





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Misc :
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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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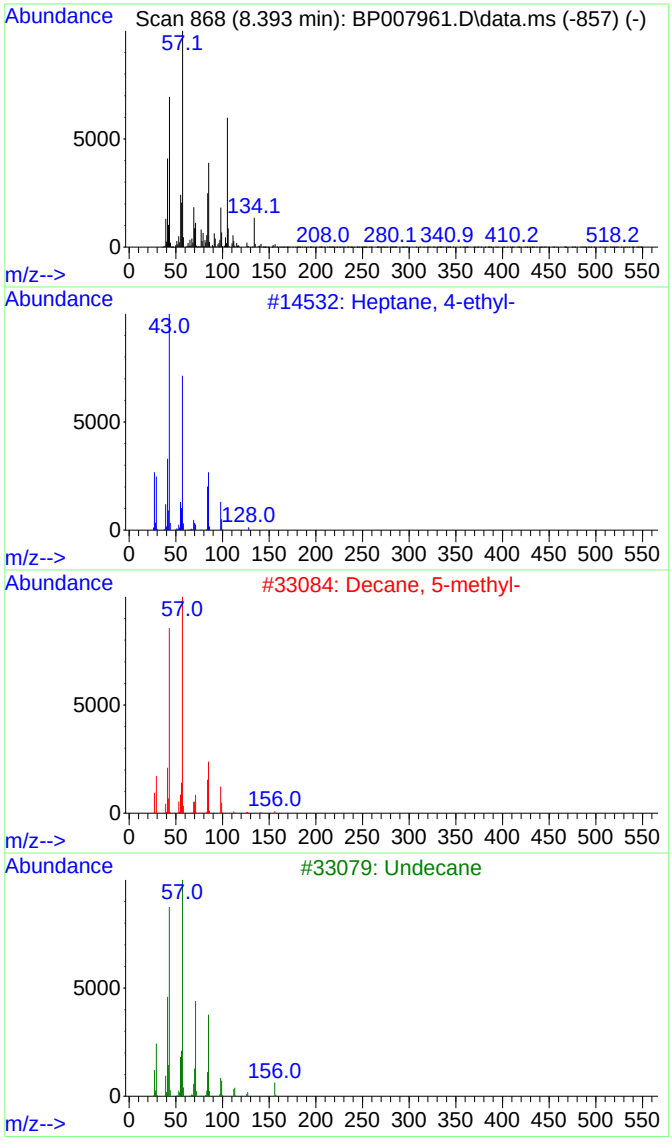
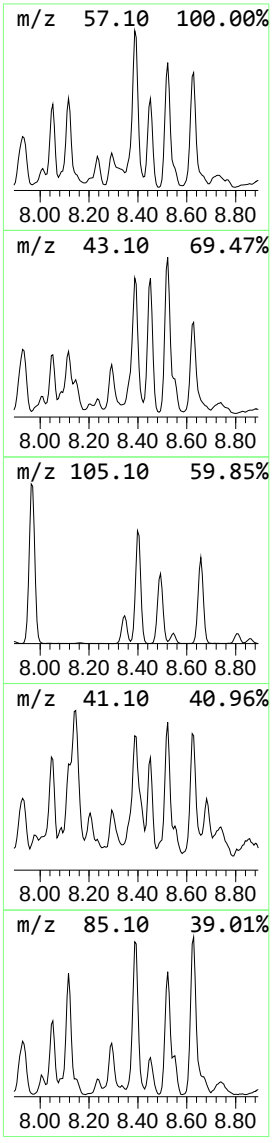
Peak Number 12 Heptane, 4-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.393	13.28 ng	4479710	1,4-Dichlorobenzene-d4	7.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-ethyl-	128	C9H20	002216-32-2	58
2	Decane, 5-methyl-	156	C11H24	013151-35-4	52
3	Undecane	156	C11H24	001120-21-4	50
4	2H-Pyran, 2-(1,1-dimethylethoxy)...	158	C9H18O2	001927-69-1	38
5	2,2-Dimethylpropionic acid, 4-me...	186	C11H22O2	150588-62-8	38





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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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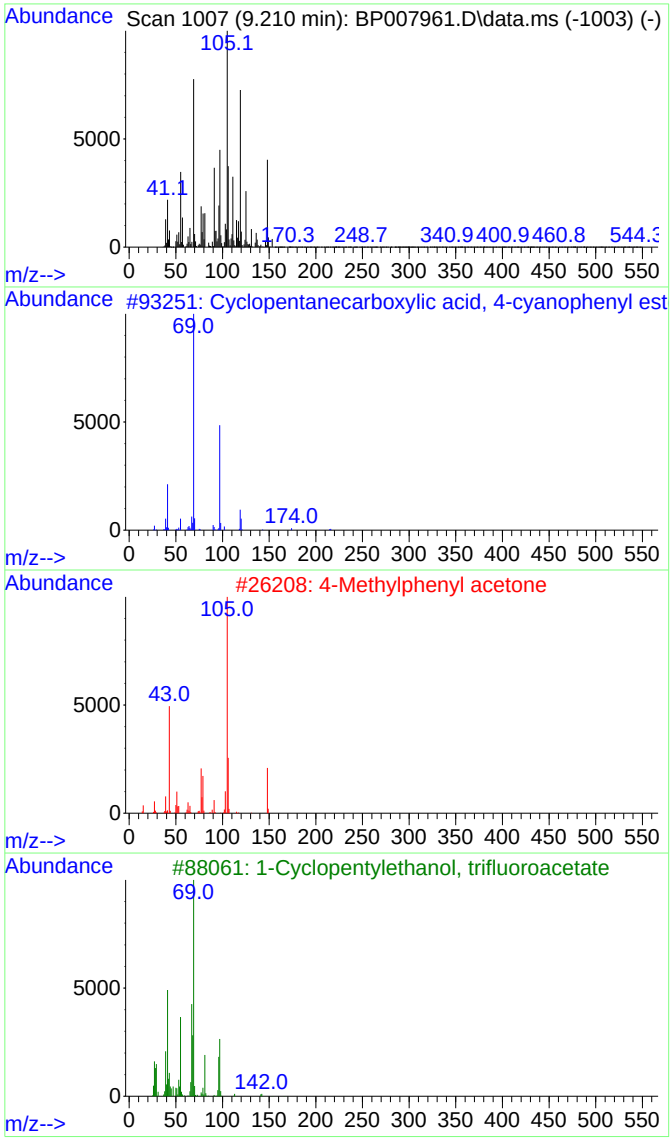
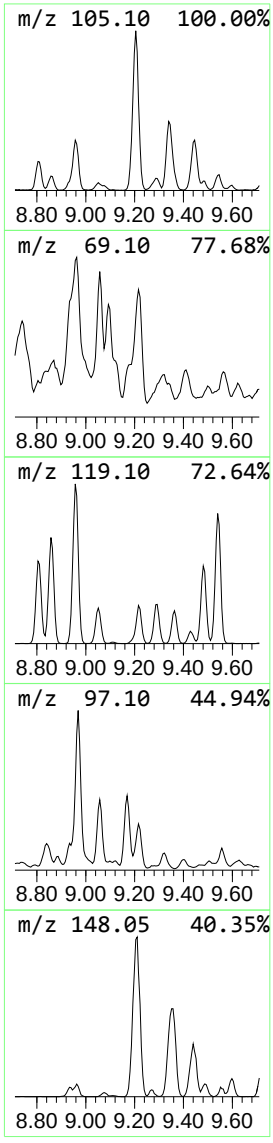
Peak Number 13 unknown9.210 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.210	8.08 ng	2725990	1,4-Dichlorobenzene-d4	7.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanecarboxylic acid, 4-c...	215	C13H13NO2	1000307-57-8	27
2	4-Methylphenyl acetone	148	C10H12O	002096-86-8	25
3	1-Cyclopentylethanol, trifluoroa...	210	C9H13F3O2	1000364-11-9	22
4	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	15
5	1-[1-(1-Hydroxy-butyl)-cyclopent...	260	C17H24O2	097234-38-3	14





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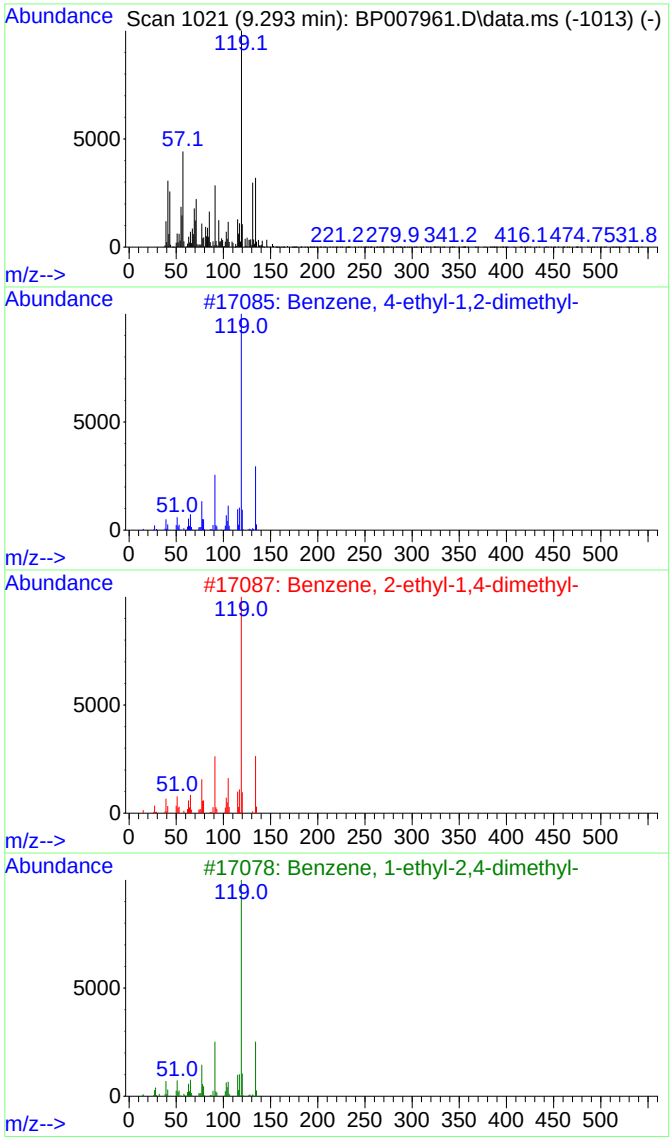
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

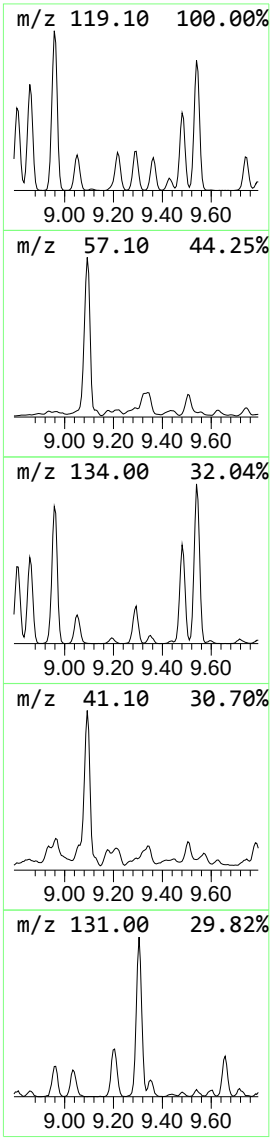
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.293	6.30 ng	1116770	Naphthalene-d8	10.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	92
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	78
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	78
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	78
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	78





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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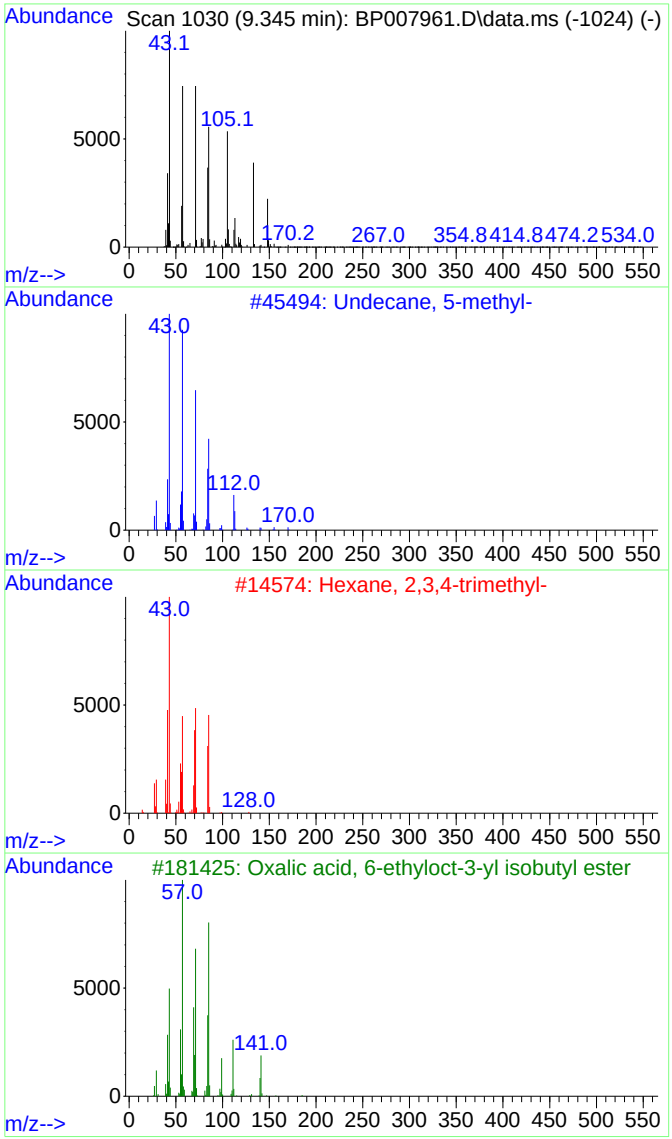
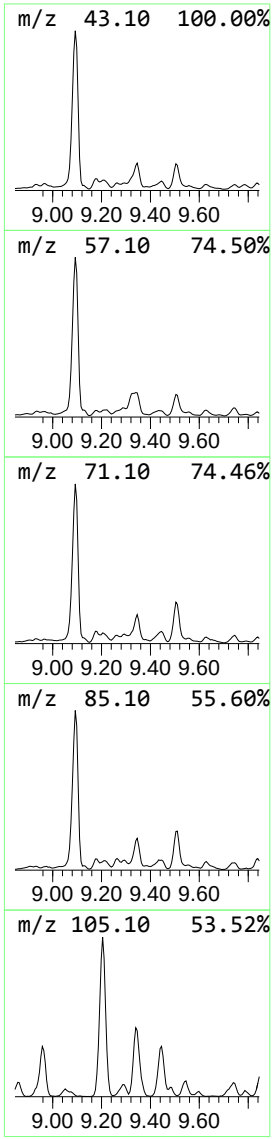
Peak Number 15 Undecane, 5-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.345	10.03 ng	1779320	Naphthalene-d8	10.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	58
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	50
3	Oxalic acid, 6-ethyloct-3-yl iso...	286	C16H30O4	1010309-34-1	50
4	Octane, 4-methyl-	128	C9H20	002216-34-4	50
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	47





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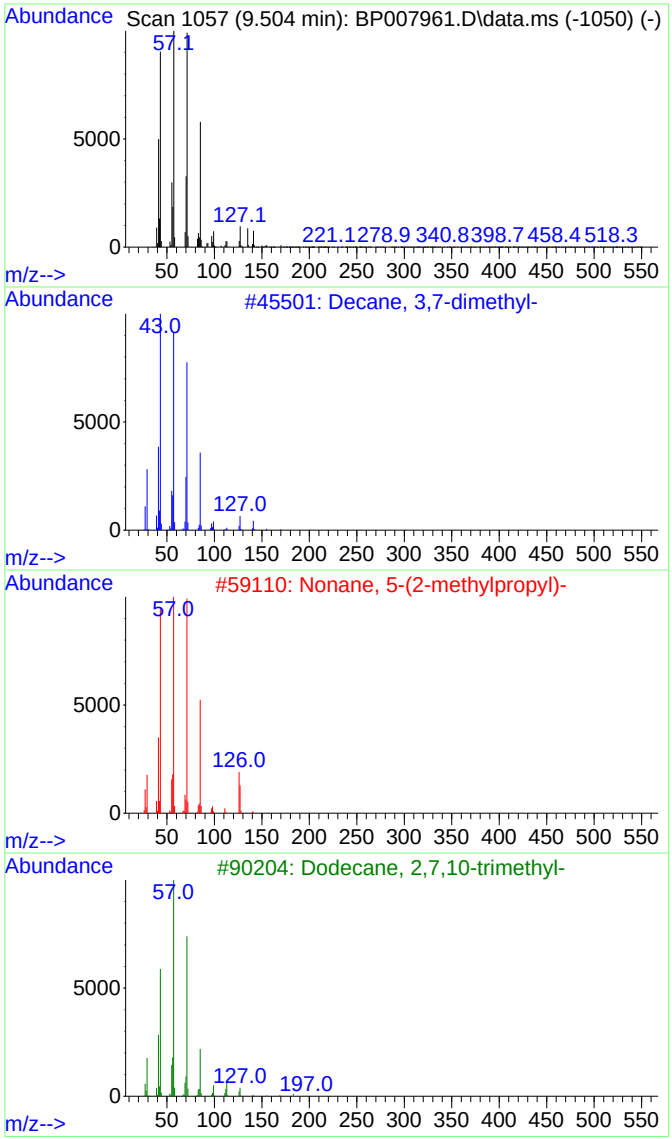
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

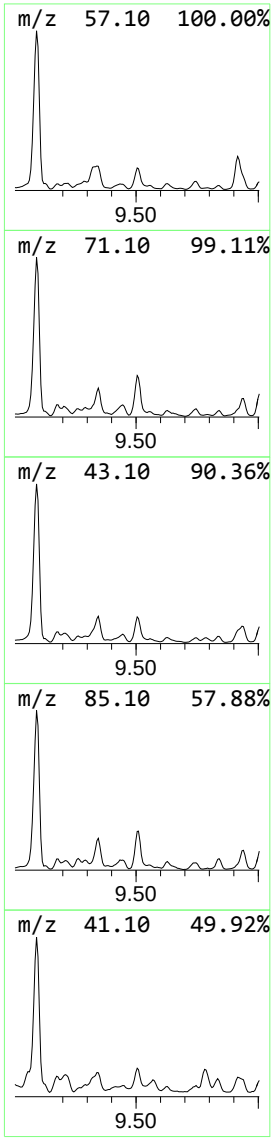
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Decane, 3,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.504	7.92 ng	1404830	Naphthalene-d8	10.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	93
2	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	72
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	58
5	Octane, 3-ethyl-	142	C10H22	005881-17-4	52





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Data File : BP007961.D
Acq On : 12 Nov 2021 00:01
Operator : CG/JU
Sample : M4630-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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

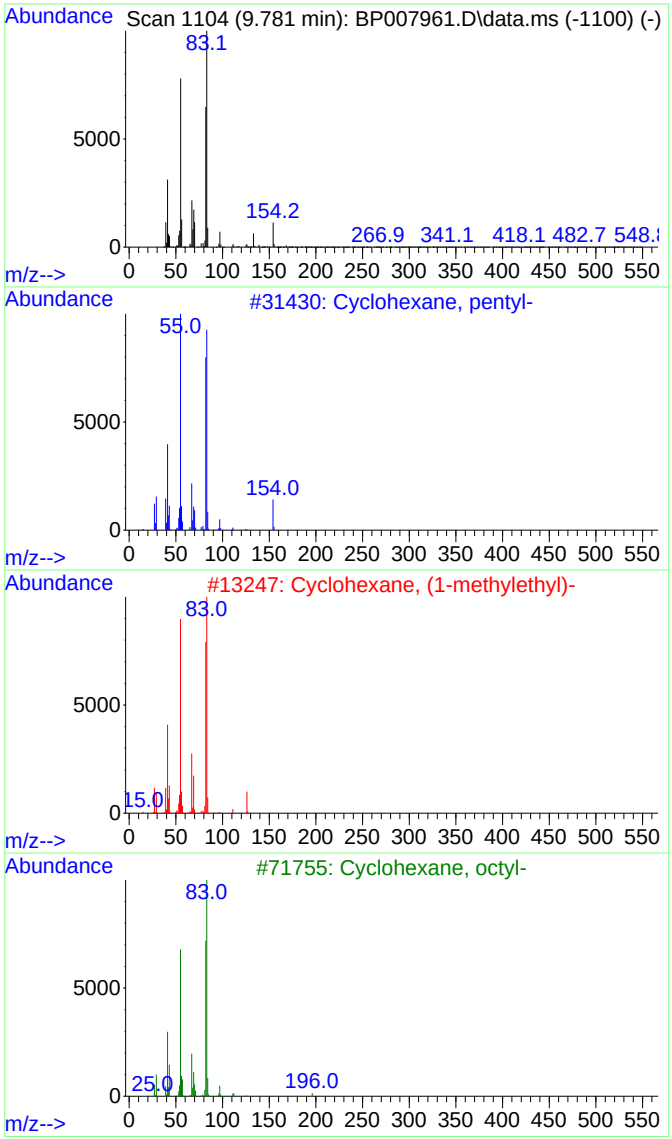
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

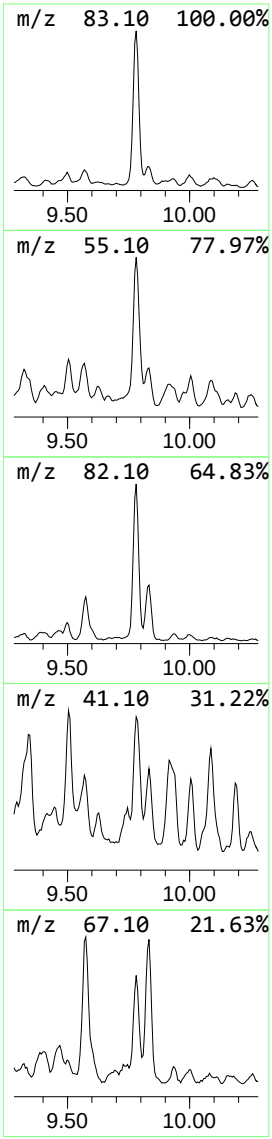
****

Peak Number 17 Cyclohexane, pentyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.781	10.05 ng	1781970	Naphthalene-d8	10.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	95
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	80
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	78
4	Cyclohexane, hexyl-	168	C12H24	004292-75-5	78
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	78





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Data File : BP007961.D
Acq On : 12 Nov 2021 00:01
Operator : CG/JU
Sample : M4630-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

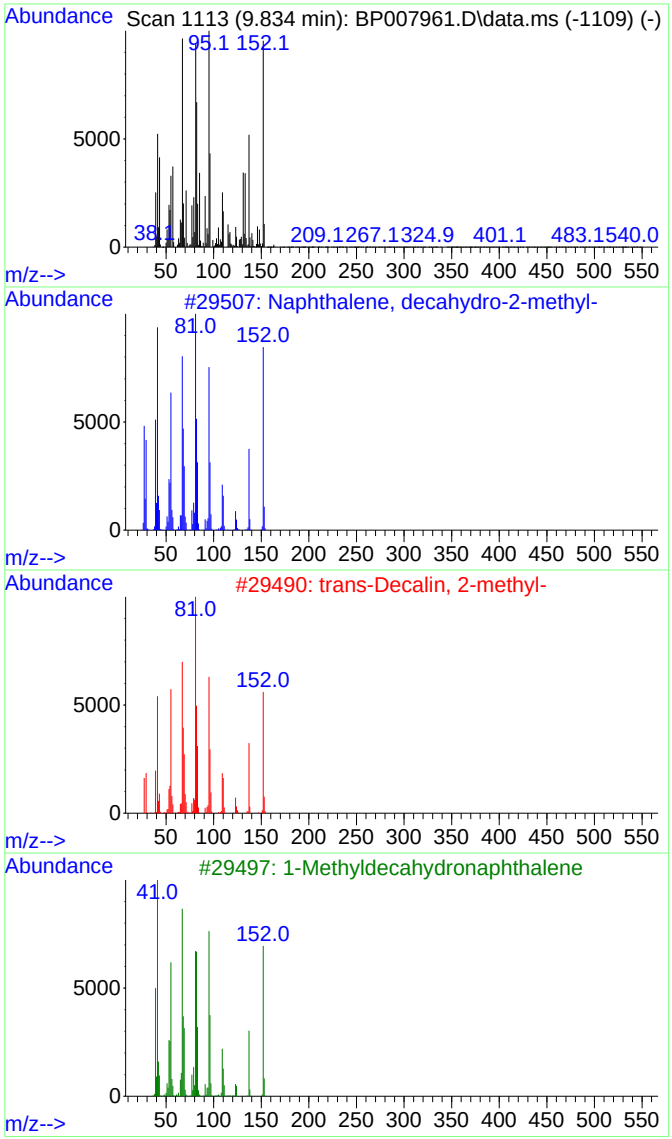
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

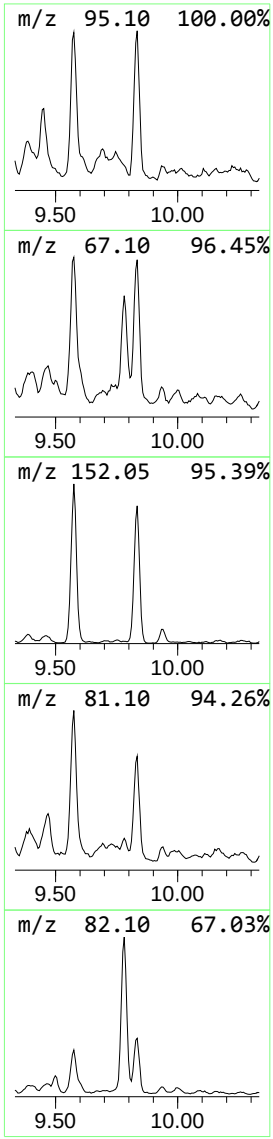
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Naphthalene, decahydro-2-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.834	10.38 ng	1840430	Naphthalene-d8	10.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	86
3	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	86
4	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	72
5	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	70





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Data File : BP007961.D
Acq On : 12 Nov 2021 00:01
Operator : CG/JU
Sample : M4630-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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

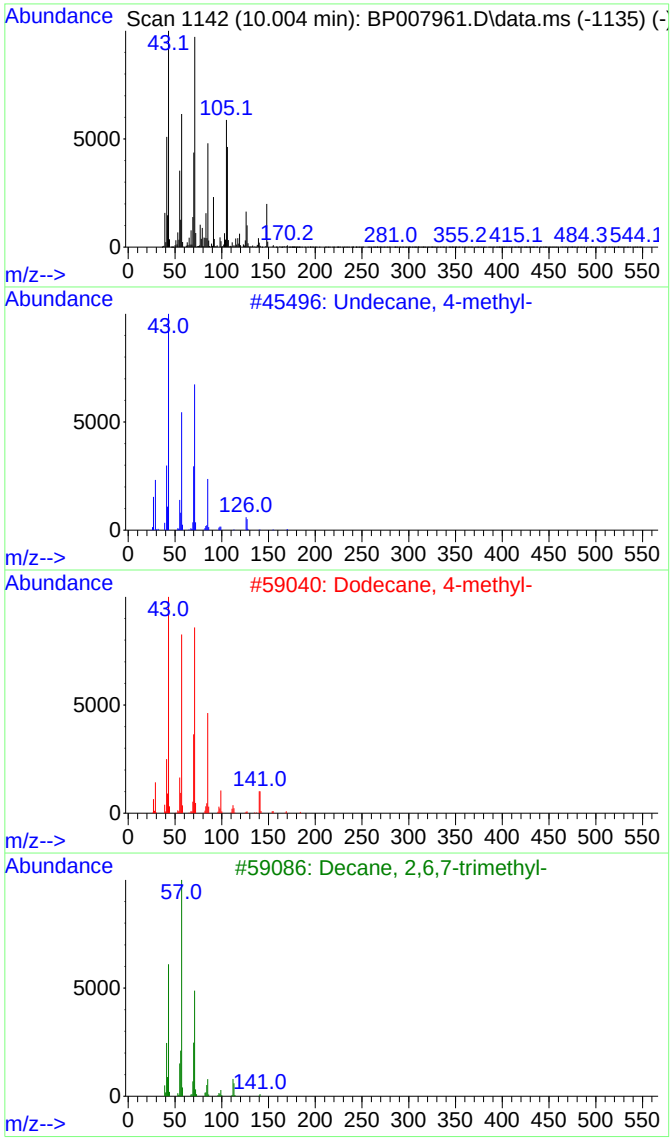
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

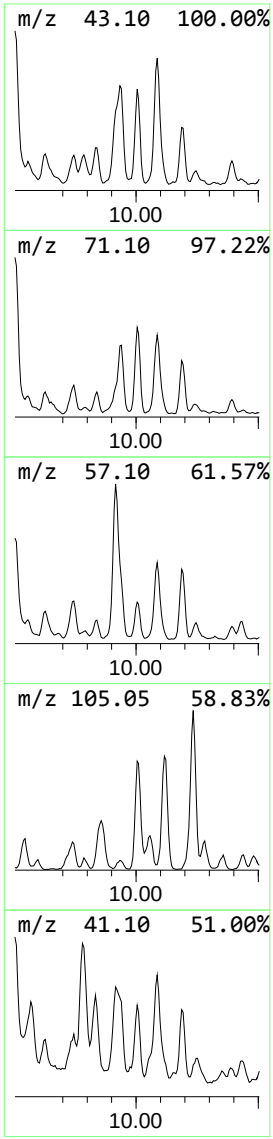
****

Peak Number 19 Undecane, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.004	5.96 ng	1057500	Naphthalene-d8	10.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-methyl-	170	C12H26	002980-69-0	53
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	47
3	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	38
4	Decane, 4-methyl-	156	C11H24	002847-72-5	38
5	4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007961.D
Acq On : 12 Nov 2021 00:01
Operator : CG/JU
Sample : M4630-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

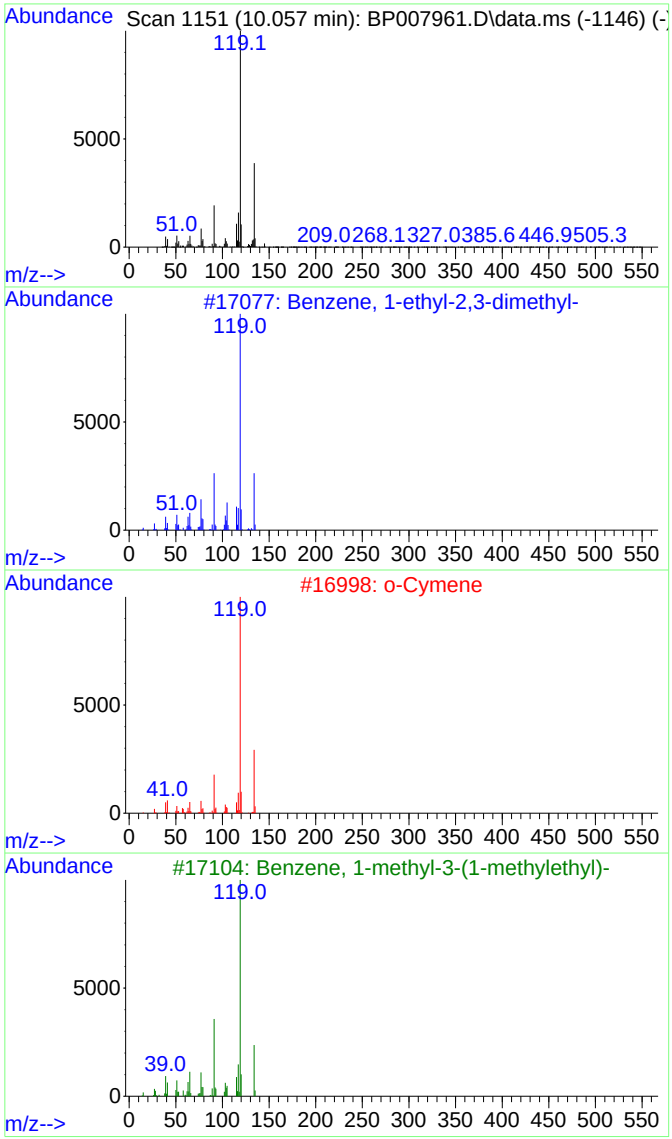
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

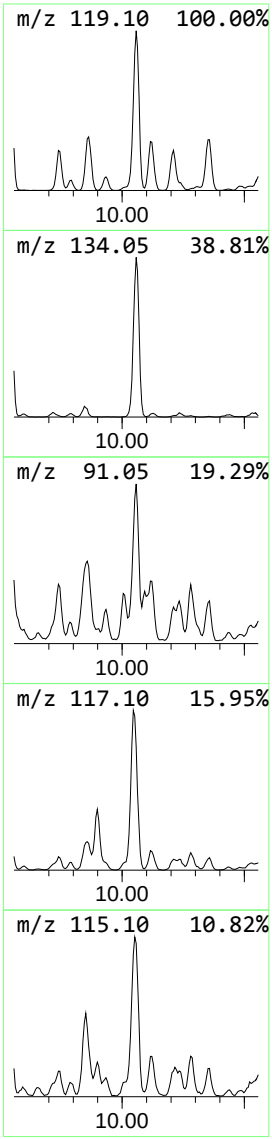
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.057	7.65 ng	1357710	Naphthalene-d8	10.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2	o-Cymene	134	C10H14	000527-84-4	93
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5	p-Cymene	134	C10H14	000099-87-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007961.D
Acq On : 12 Nov 2021 00:01
Operator : CG/JU
Sample : M4630-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13N-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
Nonane	5.875	15.8	ng	5322090	1	7.851	6748030	20.0
trans-1,2-Dieth...	6.128	8.5	ng	2881580	1	7.851	6748030	20.0
unknown6.346	6.346	8.0	ng	2687830	1	7.851	6748030	20.0
Octane, 2,6-dim...	6.416	9.7	ng	3276420	1	7.851	6748030	20.0
Cyclohexanone, ...	6.493	11.9	ng	4027650	1	7.851	6748030	20.0
Ether, tert-but...	6.528	6.5	ng	2195740	1	7.851	6748030	20.0
Decane, 2,5,6-t...	6.757	7.1	ng	2387220	1	7.851	6748030	20.0
Nonane, 4-methyl-	6.851	10.3	ng	3474570	1	7.851	6748030	20.0
Decane	7.487	33.5	ng	11318800	1	7.851	6748030	20.0
Mesitylene	7.969	6.4	ng	2156530	1	7.851	6748030	20.0
Cyclohexane, bu...	8.146	13.4	ng	4505100	1	7.851	6748030	20.0
Heptane, 4-ethyl-	8.393	13.3	ng	4479710	1	7.851	6748030	20.0
unknown9.210	9.210	8.1	ng	2725990	1	7.851	6748030	20.0
Benzene, 4-ethy...	9.293	6.3	ng	1116770	2	10.645	3547280	20.0
Undecane, 5-met...	9.345	10.0	ng	1779320	2	10.645	3547280	20.0
Decane, 3,7-dim...	9.504	7.9	ng	1404830	2	10.645	3547280	20.0
Cyclohexane, pe...	9.781	10.1	ng	1781970	2	10.645	3547280	20.0
Naphthalene, de...	9.834	10.4	ng	1840430	2	10.645	3547280	20.0
Undecane, 4-met...	10.004	6.0	ng	1057500	2	10.645	3547280	20.0
Benzene, 1-ethy...	10.057	7.7	ng	1357710	2	10.645	3547280	20.0