LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007955.D
Acq On : 11 Nov 2021 20:37
Operator : CG/JU
Sample : M4630-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-13R-5.0

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: BP007955.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.228	153	160	164	rBV2	446182	692527	1.68%	0.086%
2	4.511	205	208	217	rVB	763188	1130396	2.74%	0.141%
3	4.593	217	222	228	rBV2	437009	773187	1.87%	0.096%
4	4.699	236	240	248	rVB	571294	965215	2.34%	0.120%
5	4.805	248	258	263	rBV	2035538	3210910	7.78%	0.400%
6	4.899	269	274	279	rBV	1447922	2256859	5.47%	0.281%
7	4.958	279	284	289	rBV3	1090146	1819751	4.41%	0.227%
8	5.005	289	292	296	rVB	430615	558694	1.35%	0.070%
9	5.064	296	302	307	rBV	5086159	8819898	21.37%	1.099%
10	5.122	307	312	316	rVB2	975429	1524211	3.69%	0.190%
11	5.181	316	322	325	rBV	846397	1378872	3.34%	0.172%
12	5.222	325	329	333	rBV	2412026	3386454	8.20%	0.422%
13	5.264	333	336	338	rBV	882932	1115437	2.70%	0.139%
14	5.299	338	342	351	rVB	4093379	7107232	17.22%	0.885%
15	5.434	357	365	379	rVB2	2860560	7168401	17.37%	0.893%
16	5.552	379	385	395	rVB3	1536300	3591486	8.70%	0.447%
17	5.664	395	404	410	rBV2	3056397	5938946	14.39%	0.740%
18	5.740	410	417	425	rBV3	4514276	11844556	28.69%	1.475%
19	5.822	425	431	436	rBV	6861517	11032270	26.73%	1.374%
20	5.887	436	442	449	rVB	5159047	10340860	25.05%	1.288%
21	5.958	449	454	464	rBV2	3575421	6521150	15.80%	0.812%
22	6.052	464	470	477	rBV2	1476549	2905048	7.04%	0.362%
23	6.146	477	486	493	rBV2	9829133	26831341	65.00%	3.342%
24	6.269	498	507	513	rVB2	4650794	12172211	29.49%	1.516%
25	6.364	516	523	530	rVB5	8955506	19942631	48.31%	2.484%
26	6.446	530	537	541	rBV	12771342	25549520	61.90%	3.182%
27	6.517	541	549	552	rVV3	10601098	27483357	66.58%	3.423%
28	6.552	552	555	561	rVB	10454970	16336673	39.58%	2.035%
29	6.634	561	569	574	rVB2	4181578	7781944	18.85%	0.969%
30	6.693	574	579	585	rVB4	4964562	8820215	21.37%	1.099%
31	6.764	585	591	598	rVB3	6264840	16430013	39.80%	2.046%
32	6.846	598	605	621	rVB6	5470258	17904591	43.38%	2.230%
33	6.975	621	627	629	rBV3	4408338	7923000	19.19%	0.987%
34	7.016	629	634	641	rVB3	11378178	24170437	58.56%	3.010%
35	7.152	651	657	660	rBV	2144948	4096729	9.92%	0.510%
36	7.199	660	665	670	rVV3	4481698	8399496	20.35%	1.046%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007955.D
Acq On : 11 Nov 2021 20:37
Operator : CG/JU
Sample : M4630-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-5.0

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	7.258	670	675	678	rVV3	4728959	7151491	17.33%	0.891%
38	7.299	678	682	684	rVV3	1856677	2538847	6.15%	0.316%
39	7.369	685	694	702	rVV3	7416581	23074972	55.90%	2.874%
40	7.440	702	706	717	rVB4	8874317	23877156	57.85%	2.974%
41	7.564	717	727	729	rBV6	4765553	13512811	32.74%	1.683%
42	7.593	730	732	737	rVB2	4455995	6304623	15.27%	0.785%
43	7.646	737	741	744	rVB	2050297	2645976	6.41%	0.330%
44	7.693	744	749	758	rBV6	4161185	13414260	32.50%	1.671%
45	7.775	758	763	766	rBV3	5092294	9766856	23.66%	1.216%
46	7.881	773	781	785	rVB	15946585	39174987	94.91%	4.879%
47	7.958	787	794	800	rBV5	5194094	12928321	31.32%	1.610%
48	8.081	810	815	819	rVB4	5531938	9493083	23.00%	1.182%
49	8.181	823	832	837	rBV3	10586852	25729659	62.33%	3.205%
50	8.240	838	842	848	rVB3	5086993	8647122	20.95%	1.077%
51	8.328	852	857	861	rBV4	3790694	6447270	15.62%	0.803%
52	8.369	861	864	866	rBV2	1680835	2237376	5.42%	0.279%
53	8.440	874	876	881	rVB	5241335	6908760	16.74%	0.860%
54	8.522	885	890	893	rVB2	2677849	3867985	9.37%	0.482%
55	8.575	894	899	905	rBV3	3344669	6319395	15.31%	0.787%
56	8.716	918	923	927	rBV2	6590784	10452675	25.32%	1.302%
57	8.863	944	948	958	rBV6	2101254	6719641	16.28%	0.837%
58	8.987	959	969	978	rBV4	14275504	41277528	100.00%	5.141%
59	9.081	978	985	992	rVB5	6616221	14164010	34.31%	1.764%
60	9.146	993	996	1000	rVB3	3606512	5327212	12.91%	0.664%
61	9.205	1000	1006	1007	rBV3	6959650	10844819	26.27%	1.351%
62	9.534	1055	1062	1067	rVB3	5910502	14443675	34.99%	1.799%
63	9.605	1067	1074	1079	rVV5	6278537	12749236	30.89%	1.588%
64	9.652	1079	1082	1087	rVB2	1507550	1987530	4.82%	0.248%
65	9.763	1096	1101	1105	rBV2	3904377	7643730	18.52%	0.952%
66	9.810	1105	1109	1113	rVV	7416262	11603250	28.11%	1.445%
67	9.863	1113	1118	1125	rVV4	9996066	19430078	47.07%	2.420%
68	9.940	1126	1131	1138	rVB3	3263802	8694728	21.06%	1.083%
69	10.081	1149	1155	1160	rBV2	7809500	14511933	35.16%	1.807%
70	10.257	1180	1185	1197	rVB10	2468750	6742637	16.33%	0.840%
71	10.369	1199	1204	1208	rBV	3064198	5050445	12.24%	0.629%
72	10.452	1215	1218	1223	rVB3	1175271	1947012	4.72%	0.243%
73	10.534	1228	1232	1235	rBV3	1849931	2790836	6.76%	0.348%
74	10.575	1235	1239	1244	rVV3	1604389	2599366	6.30%	0.324%
75	10.652	1245	1252	1258	rVB5	2479659	6098859	14.78%	0.760%
76	10.710	1259	1262	1266	rBV6	719158	1017529	2.47%	0.127%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007955.D
Acq On : 11 Nov 2021 20:37
Operator : CG/JU
Sample : M4630-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-5.0

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	10.781	1271	1274	1279	rVV4	2127667	3913153	9.48%	0.487%
78	10.840	1279	1284	1288	rVV	4484478	7183921	17.40%	0.895%
79	10.887	1288	1292	1300	rVB3	1451532	2662948	6.45%	0.332%
80	10.963	1301	1305	1310	rVB4	1226764	2183161	5.29%	0.272%
81	11.034	1312	1317	1321	rBV3	995335	1741612	4.22%	0.217%
82	11.163	1335	1339	1345	rVB4	862111	1307455	3.17%	0.163%
83	11.281	1355	1359	1363	rBV2	450892	752741	1.82%	0.094%
84	11.363	1363	1373	1380	rVB6	1516953	4694092	11.37%	0.585%
85	11.440	1381	1386	1391	rBV3	410896	819638	1.99%	0.102%
86	11.563	1403	1407	1412	rVB5	323749	523751	1.27%	0.065%
87	11.693	1424	1429	1438	rBV2	1577557	3210700	7.78%	0.400%
88	11.763	1438	1441	1447	rVB3	418018	746554	1.81%	0.093%
89	11.846	1452	1455	1464	rVB3	443621	836355	2.03%	0.104%
90	11.946	1464	1472	1476	rBV4	332265	633686	1.54%	0.079%
91	12.528	1566	1571	1580	rVB	546234	999112	2.42%	0.124%
92	13.110	1663	1670	1676	rVV	3200773	4668283	11.31%	0.581%
93	14.487	1896	1904	1910	rVB	1044316	1565528	3.79%	0.195%
94	15.975	2151	2157	2167	rBV	2443913	3589629	8.70%	0.447%
95	17.239	2366	2372	2376	rBV	1183727	1645775	3.99%	0.205%
96	19.804	2803	2808	2818	rVB	4304200	5300383	12.84%	0.660%
97	21.333	3062	3068	3072	rBV	1162268	1606704	3.89%	0.200%
98	22.598	3279	3283	3290	rVB	351470	508734	1.23%	0.063%
99	23.739	3471	3477	3486	rVB2	931908	1915152	4.64%	0.239%
100	25.245	3727	3733	3742	rVB2	768290	1818875	4.41%	0.227%

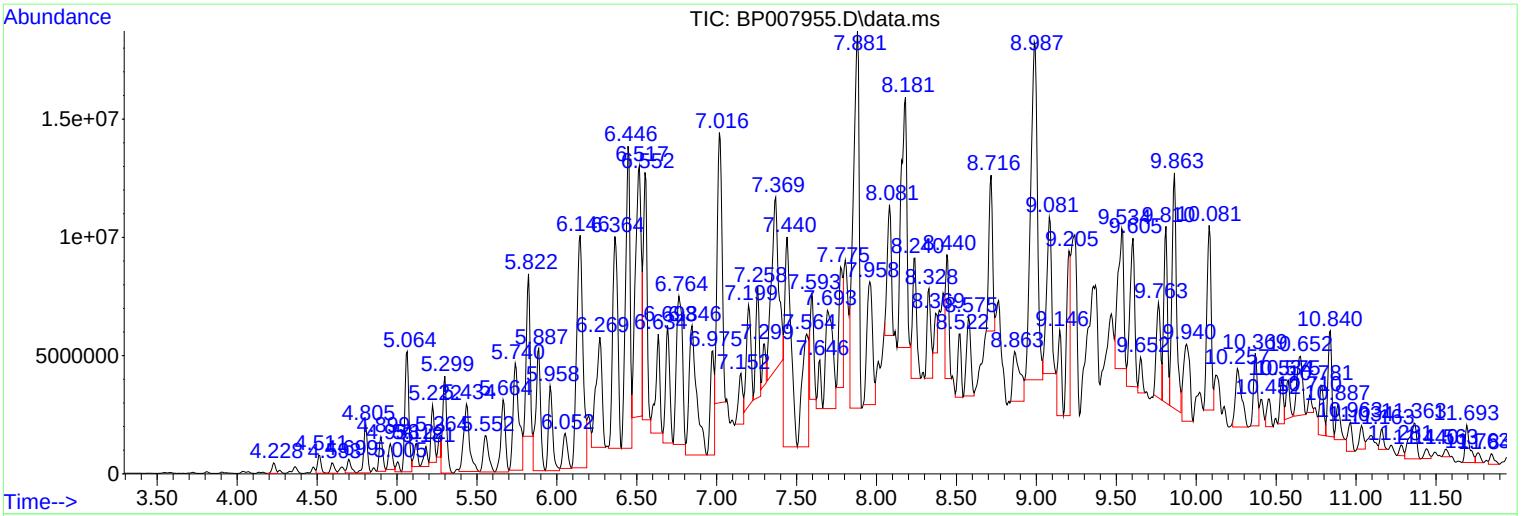
Sum of corrected areas: 802890139

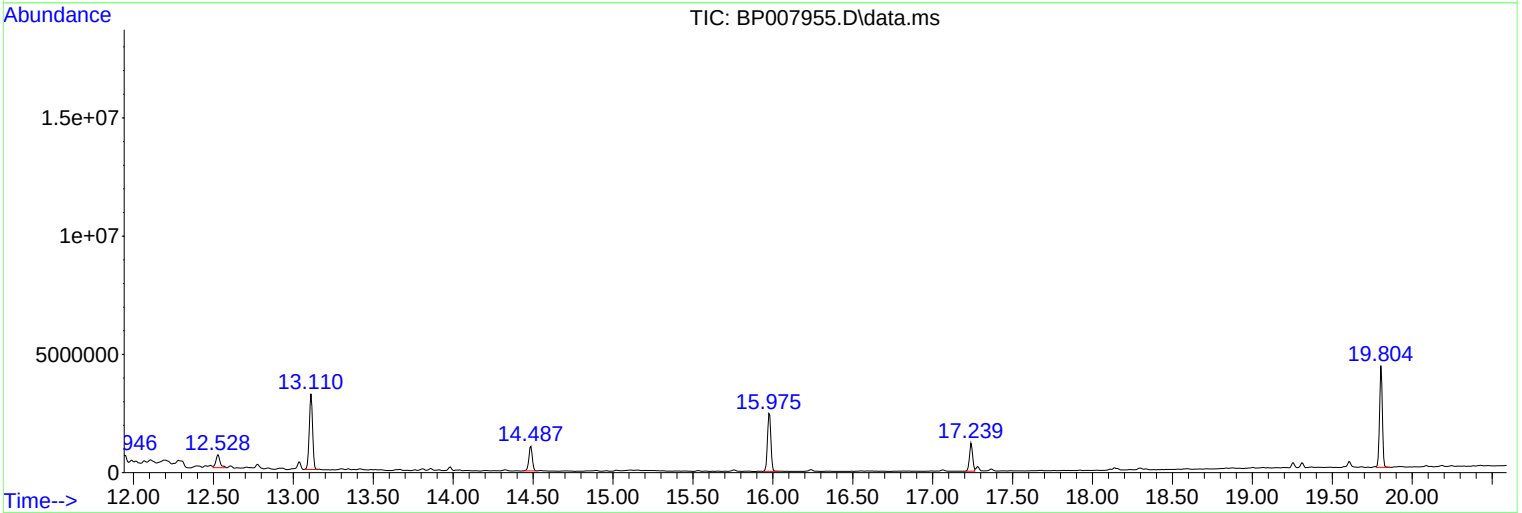
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007955.D
Acq On : 11 Nov 2021 20:37
Operator : CG/JU
Sample : M4630-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

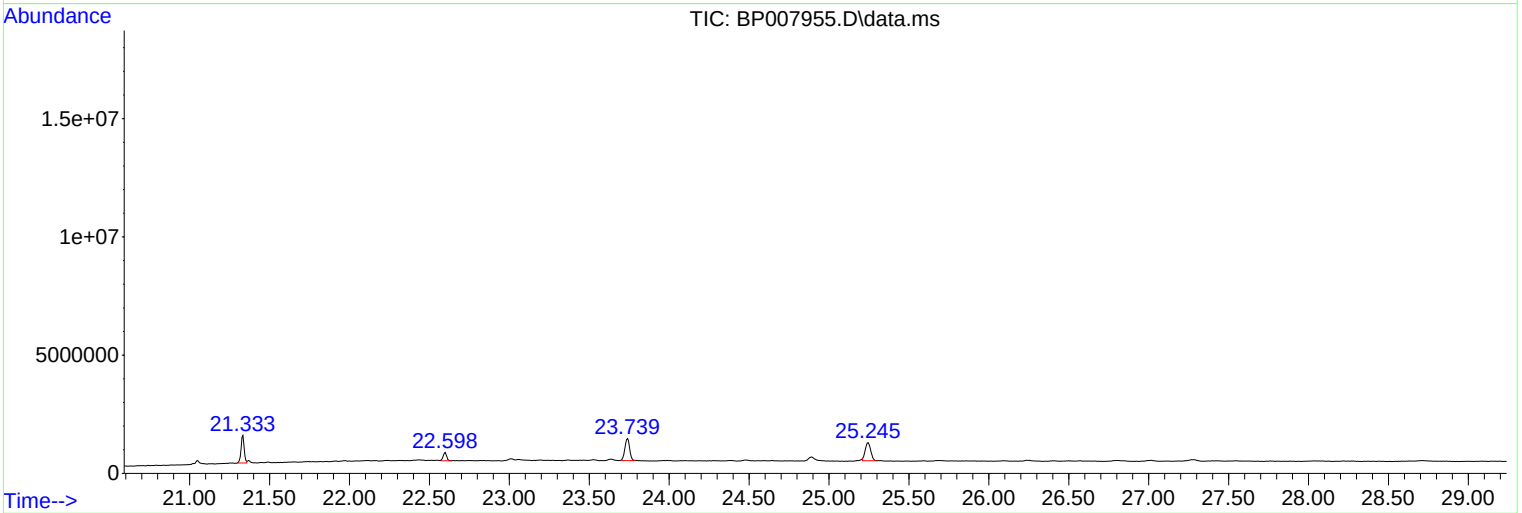
Instrument :
BNA_P
ClientSampleId :
SB-13R-5.0

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 : BP007955.D
Acq On : 11 Nov 2021 20:37
Operator : CG/JU
Sample : M4630-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-5.0

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

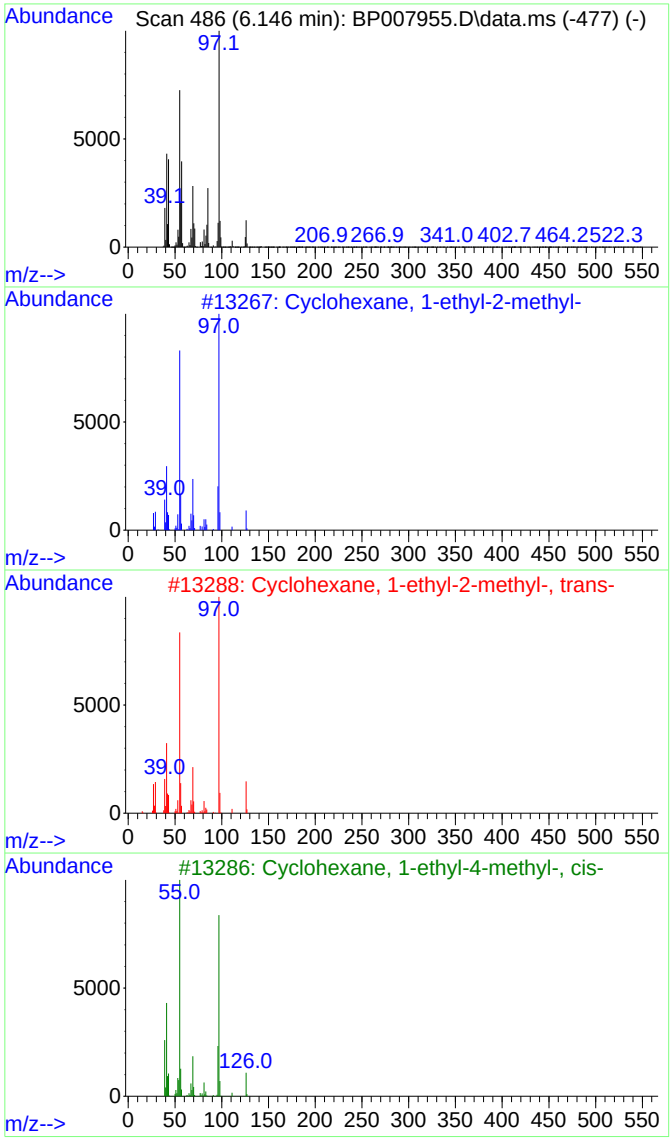
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

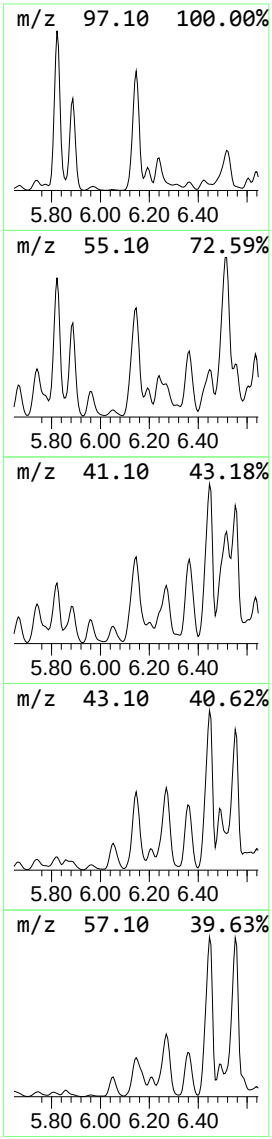
****

Peak Number 1 Cyclohexane, 1-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.146	13.70 ng	26831300	1,4-Dichlorobenzene-d4	7.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	70
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	64
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	62
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	47
5	2-Pyrazoline, 5-ethyl-1,4-dimethyl-	126	C7H14N2	014339-23-2	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007955.D
Acq On : 11 Nov 2021 20:37
Operator : CG/JU
Sample : M4630-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-5.0

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

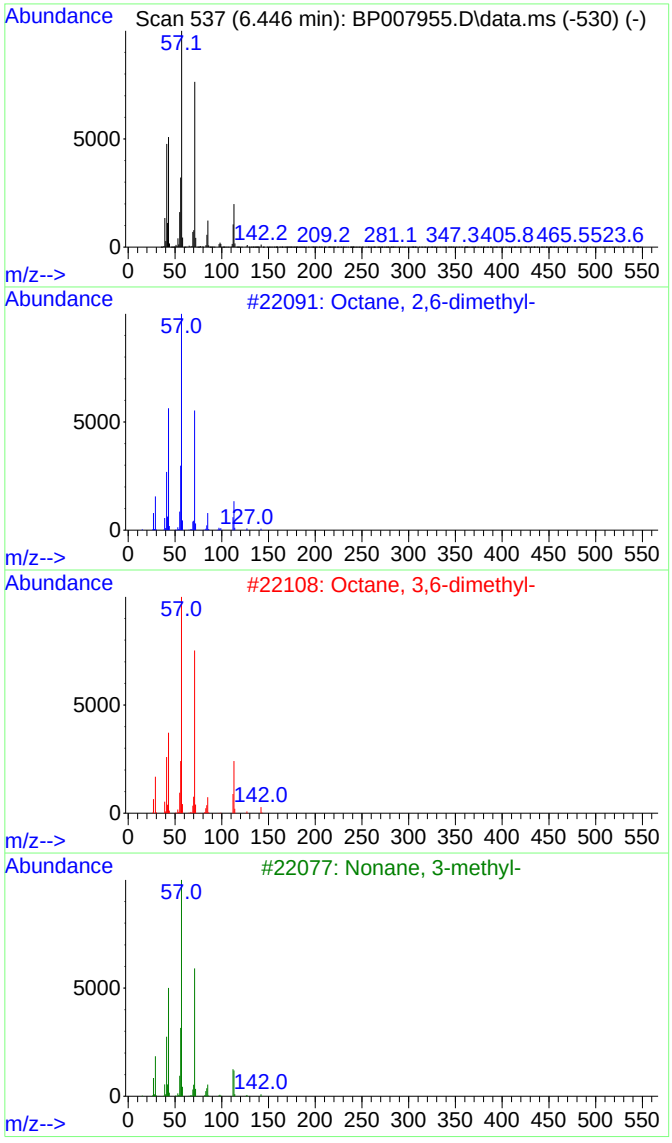
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

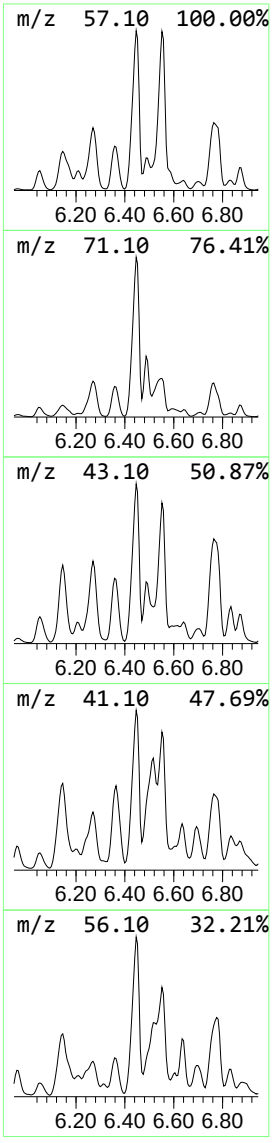
****

Peak Number 2 Octane, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.446	13.04 ng	25549500	1,4-Dichlorobenzene-d4	7.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	93
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
4	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72
5	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007955.D
Acq On : 11 Nov 2021 20:37
Operator : CG/JU
Sample : M4630-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-5.0

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

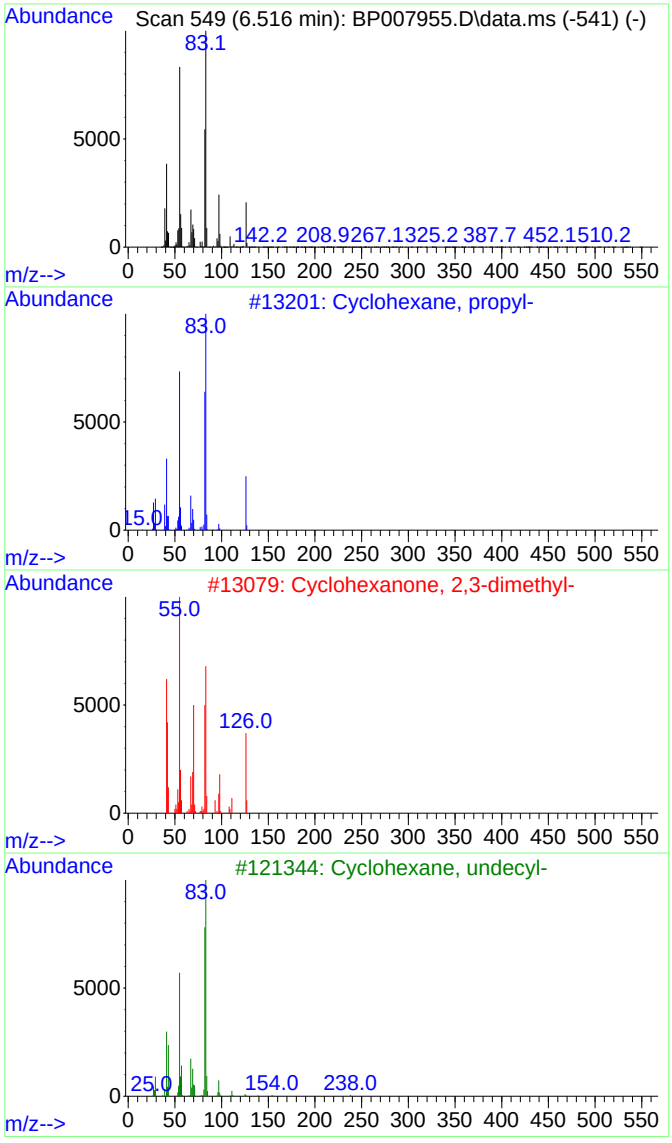
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

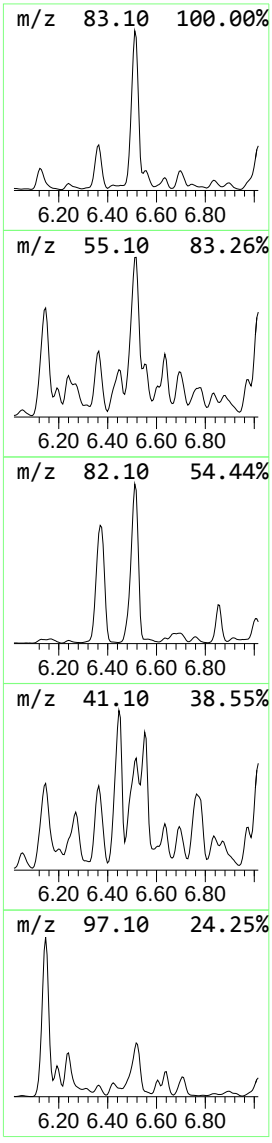
****

Peak Number 3 Cyclohexane, propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.516	14.03 ng	27483400	1,4-Dichlorobenzene-d4	7.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	94
2	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	72
3	Cyclohexane, undecyl-	238	C17H34	054105-66-7	59
4	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	58
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007955.D
Acq On : 11 Nov 2021 20:37
Operator : CG/JU
Sample : M4630-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-5.0

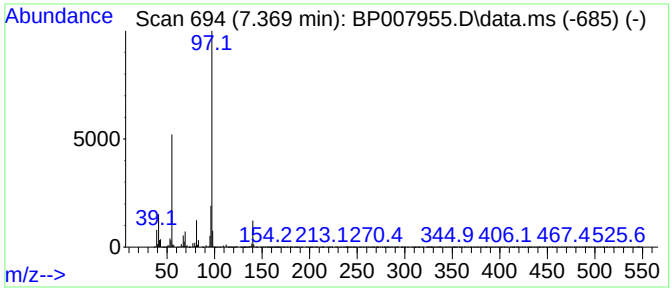
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

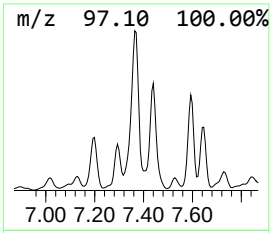
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

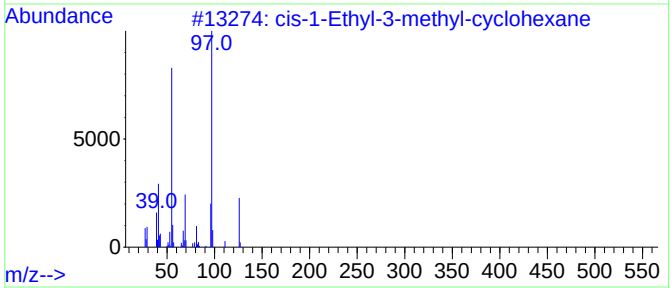
****
Peak Number 4 cis-1-Ethyl-3-methyl-cycloh... Concentration Rank 19

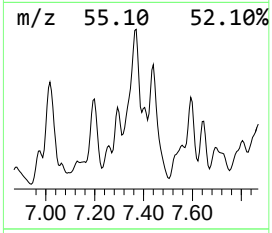
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.369	11.78 ng	23075000	1,4-Dichlorobenzene-d4	7.863

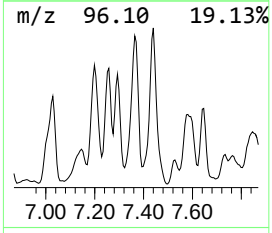
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	72
2	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	72
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72
4	Decahydrobenzopyran	140	C9H16O	1000429-74-9	59
5	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1010309-21-6	59

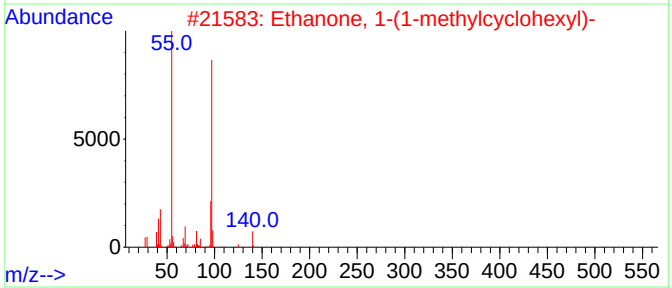


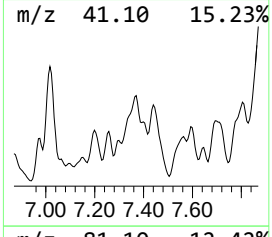


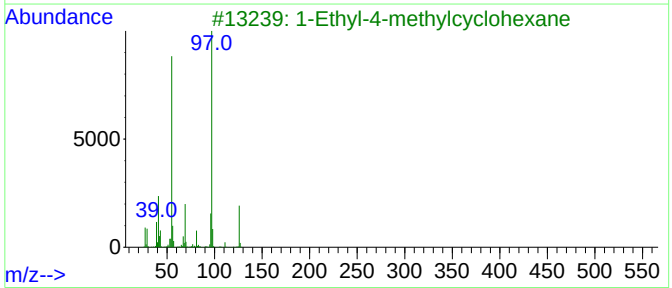


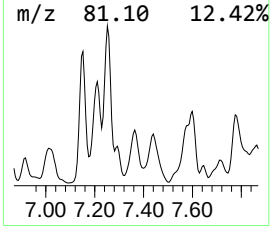












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007955.D
Acq On : 11 Nov 2021 20:37
Operator : CG/JU
Sample : M4630-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-5.0

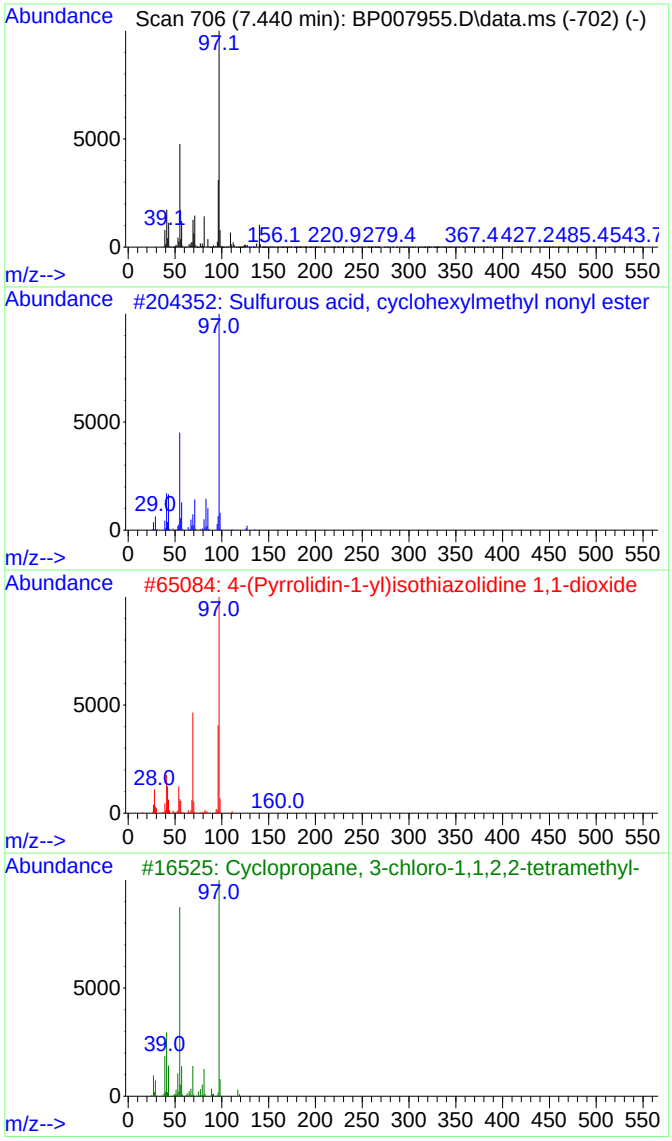
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

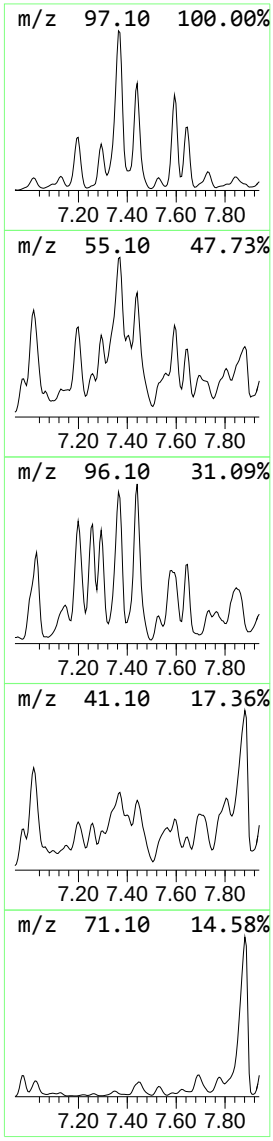
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Sulfurous acid, cyclohexylm... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.440	12.19 ng	23877200	1,4-Dichlorobenzene-d4	7.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	59
2	4-(Pyrrolidin-1-yl)isothiazolidi...	190	C7H14N2O2S	1000481-47-5	53
3	Cyclopropane, 3-chloro-1,1,2,2-t...	132	C7H13Cl	014123-41-2	53
4	4-Hepten-3-one, 2,6-dimethyl-	140	C9H16O	056259-14-4	52
5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007955.D
Acq On : 11 Nov 2021 20:37
Operator : CG/JU
Sample : M4630-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-5.0

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

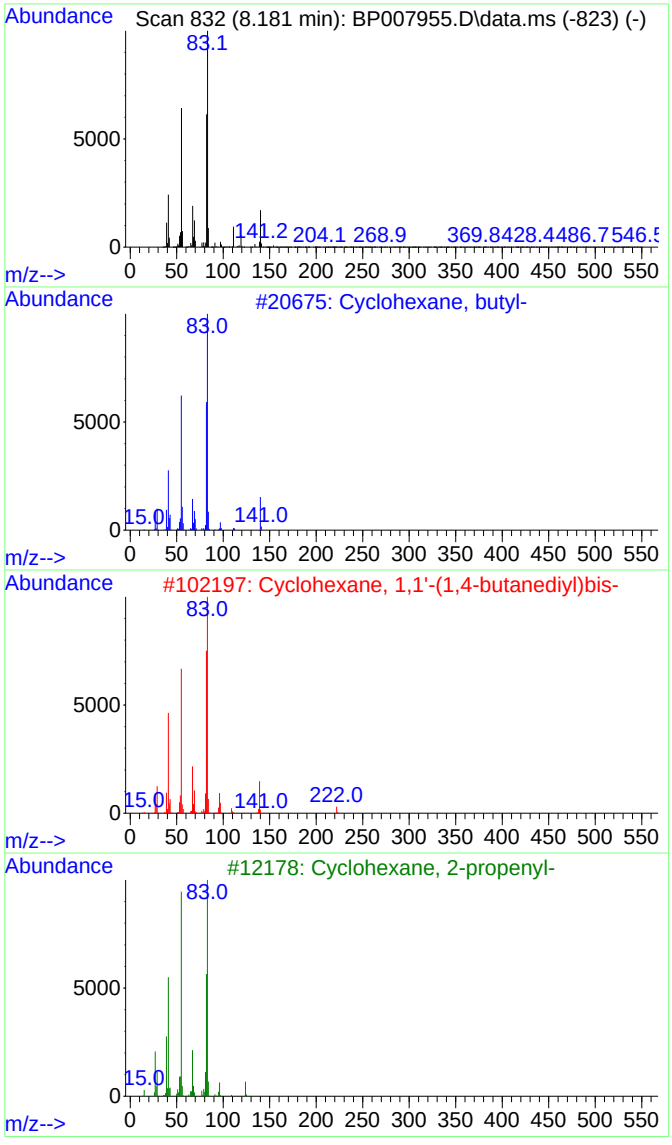
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

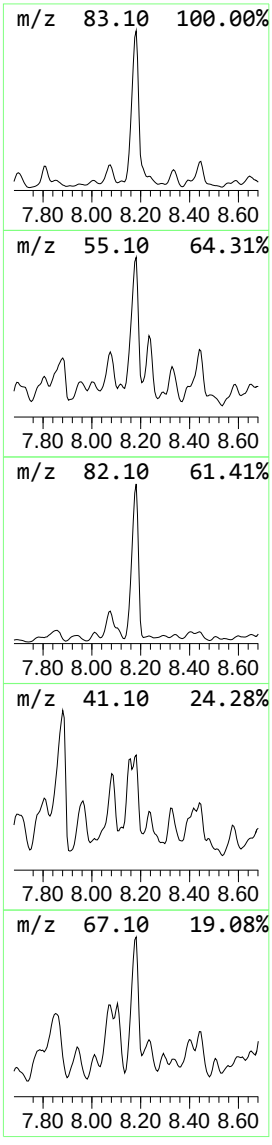
****

Peak Number 6 Cyclohexane, butyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.181	13.14 ng	25729700	1,4-Dichlorobenzene-d4	7.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	86
2	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	72
3	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64
4	Cyclopentaneacetic acid, ethenyl...	154	C9H14O2	045955-66-6	53
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007955.D
Acq On : 11 Nov 2021 20:37
Operator : CG/JU
Sample : M4630-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-5.0

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

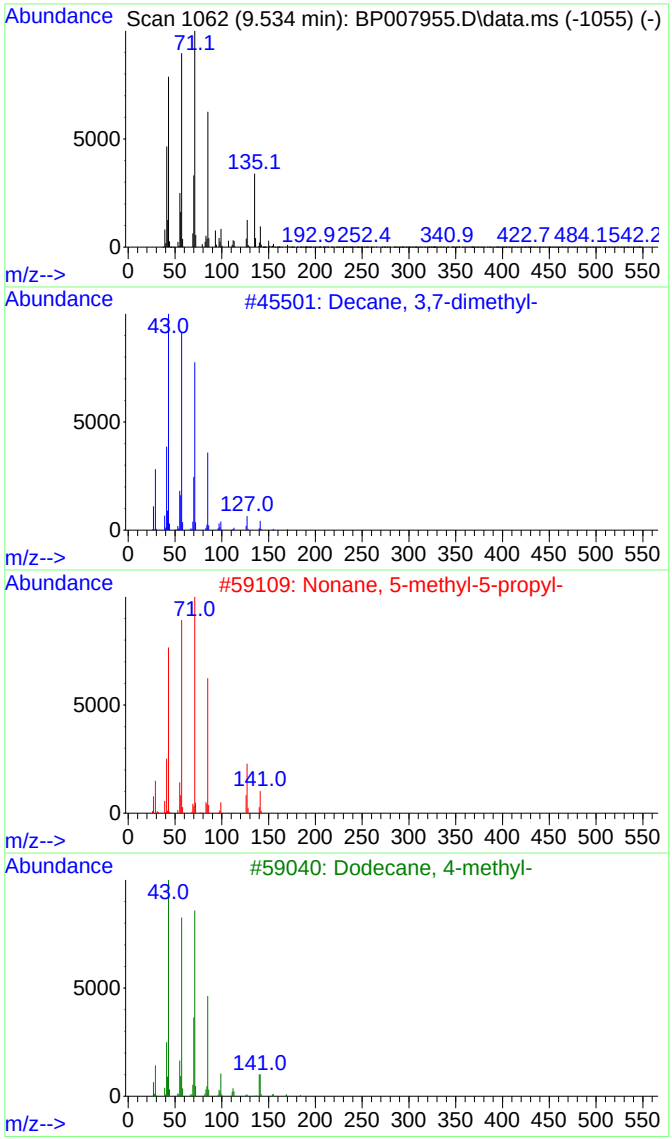
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

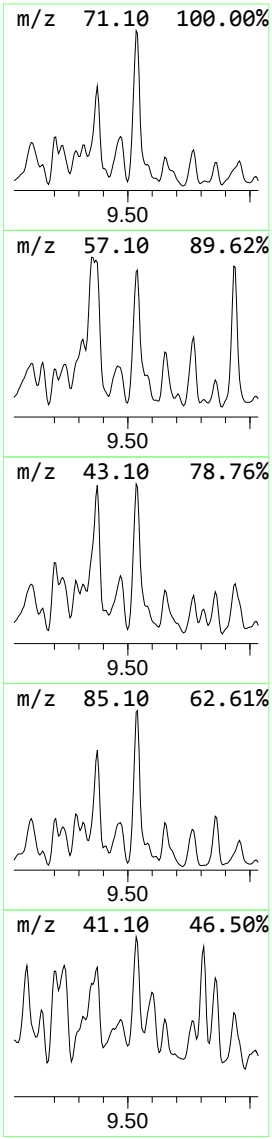
****

Peak Number 7 Decane, 3,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.534	47.37 ng	14443700	Naphthalene-d8	10.658

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	93
2	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	58
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	58
4	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53
5	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007955.D
Acq On : 11 Nov 2021 20:37
Operator : CG/JU
Sample : M4630-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-5.0

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

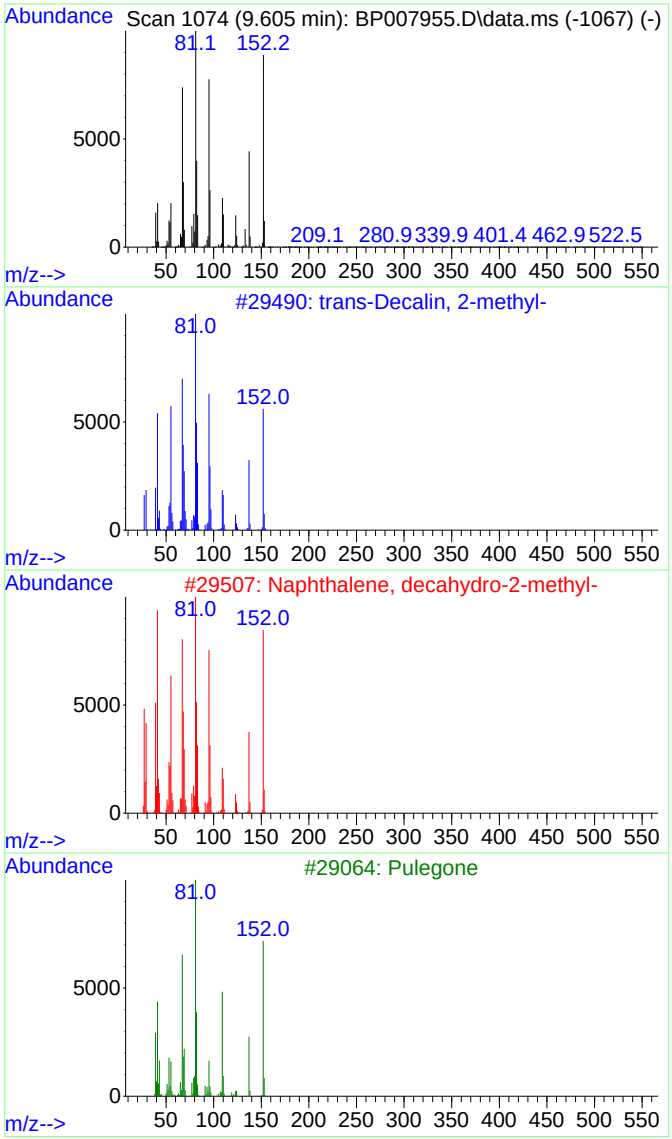
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

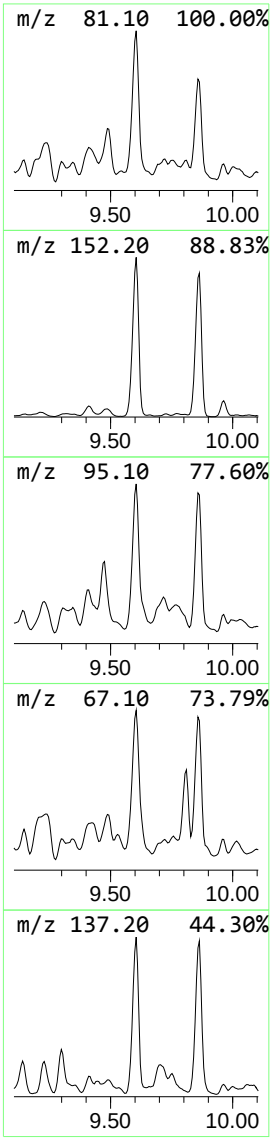
****

Peak Number 8 trans-Decalin, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.605	41.81 ng	12749200	Naphthalene-d8	10.658

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	94
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	94
3	Pulegone	152	C10H16O	000089-82-7	68
4	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007955.D
Acq On : 11 Nov 2021 20:37
Operator : CG/JU
Sample : M4630-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-5.0

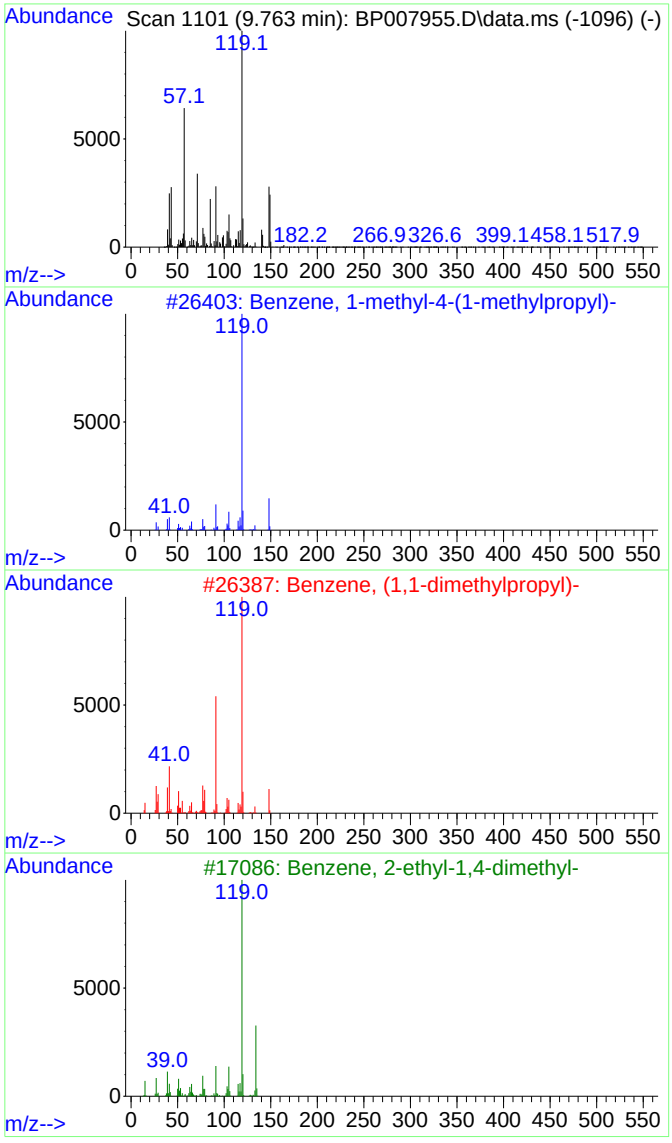
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

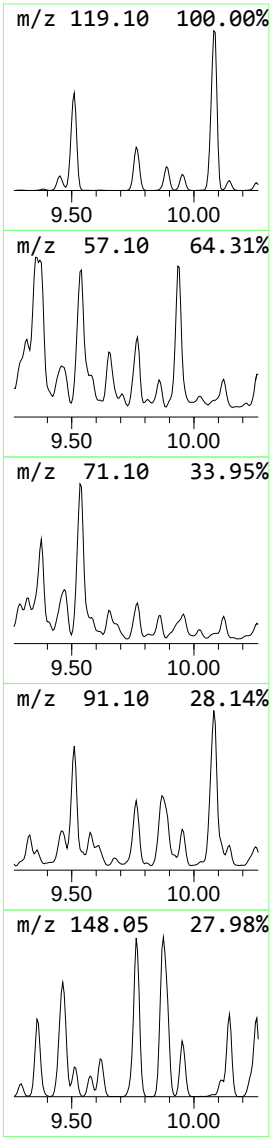
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-methyl-4-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.763	25.07 ng	7643730	Naphthalene-d8	10.658

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	45
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	45
5	2,4-Dimethylphenethyl alcohol	150	C10H14O	006597-59-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007955.D
Acq On : 11 Nov 2021 20:37
Operator : CG/JU
Sample : M4630-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-5.0

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

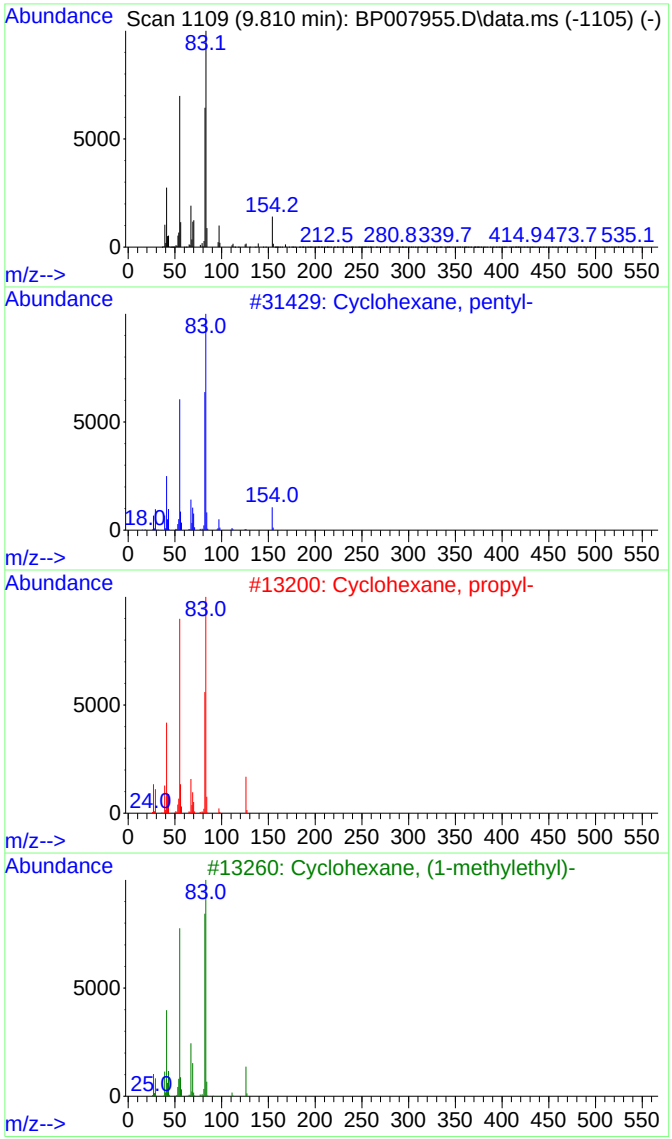
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

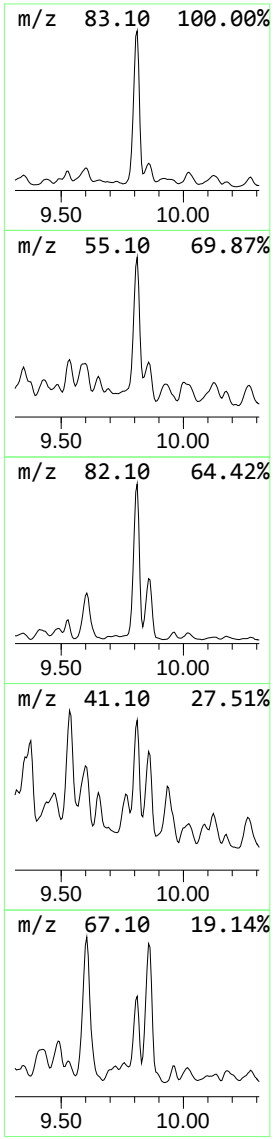
****

Peak Number 10 Cyclohexane, pentyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.810	38.05 ng	11603300	Naphthalene-d8	10.658

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	95
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	86
5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007955.D
Acq On : 11 Nov 2021 20:37
Operator : CG/JU
Sample : M4630-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-5.0

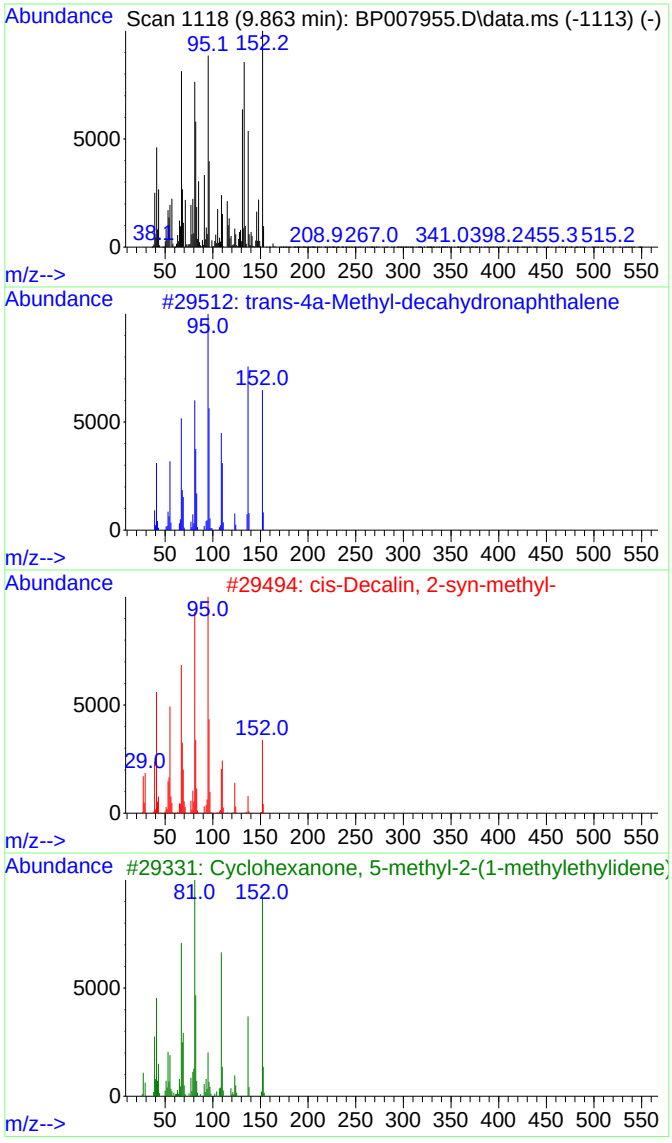
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

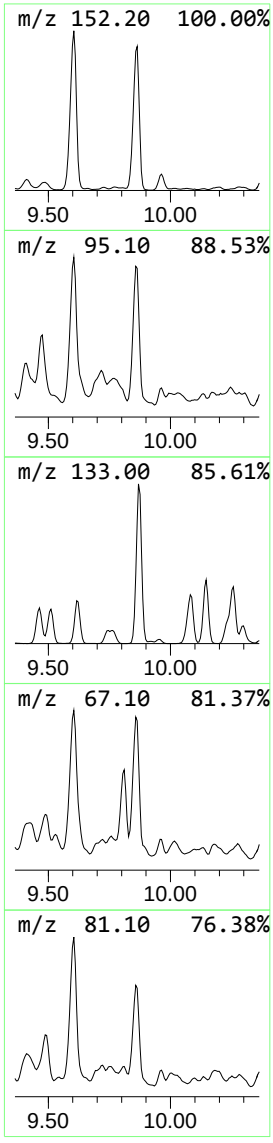
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 trans-4a-Methyl-decahydrona... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.863	63.72 ng	19430100	Naphthalene-d8	10.658

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	90
2	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	62
3	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	42
4	1-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	000432-25-7	38
5	1-Adamantanol	152	C10H16O	000768-95-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007955.D
Acq On : 11 Nov 2021 20:37
Operator : CG/JU
Sample : M4630-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-5.0

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

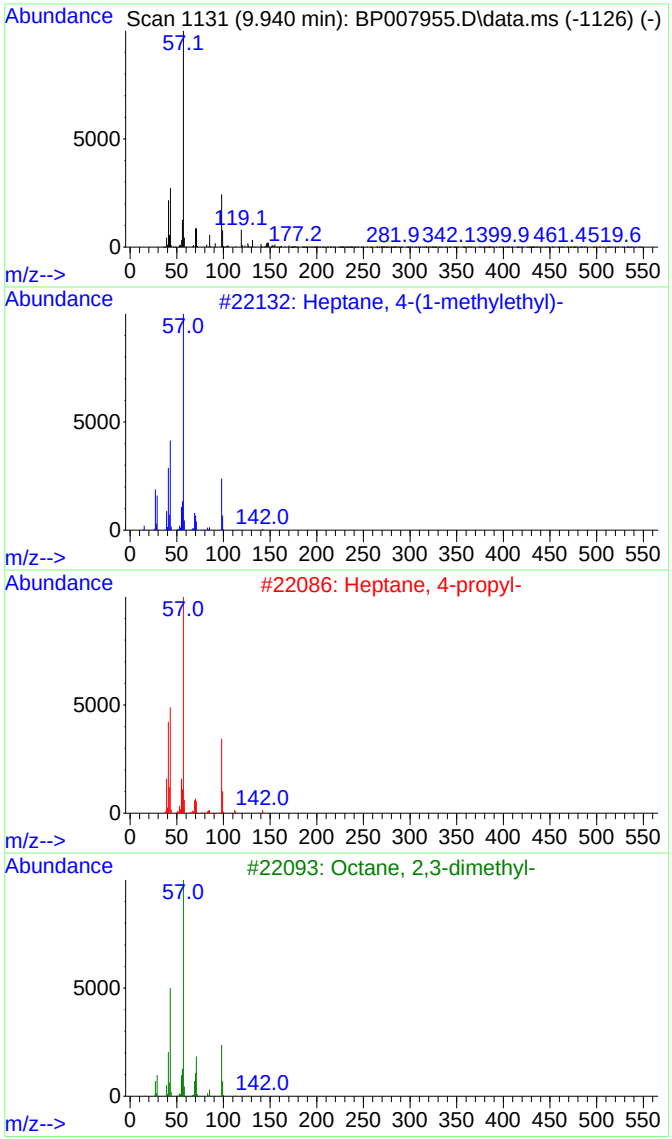
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

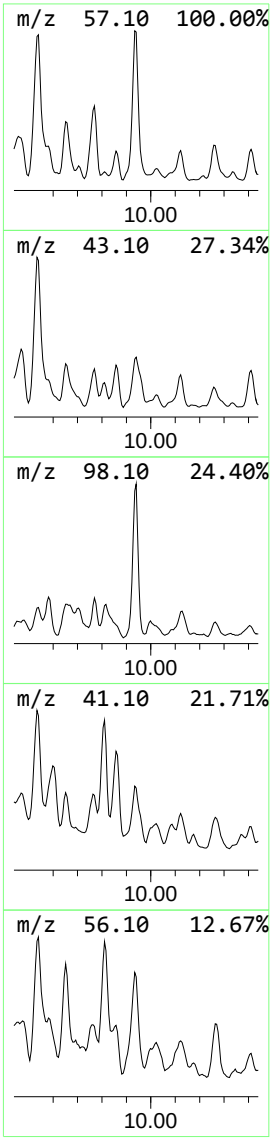
****

Peak Number 12 Heptane, 4-(1-methylethyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.940	28.51 ng	8694730	Naphthalene-d8	10.658

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	59
2	Heptane, 4-propyl-	142	C10H22	003178-29-8	59
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	59
4	Undecane, 6-methyl-	170	C12H26	017302-33-9	52
5	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007955.D
Acq On : 11 Nov 2021 20:37
Operator : CG/JU
Sample : M4630-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-5.0

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

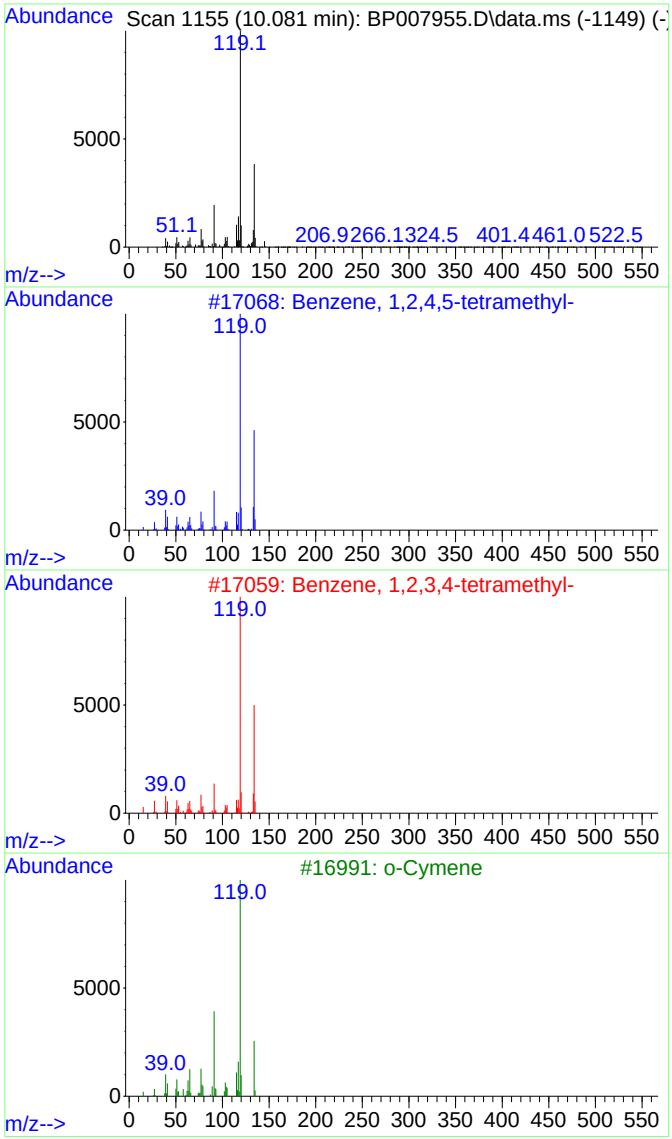
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

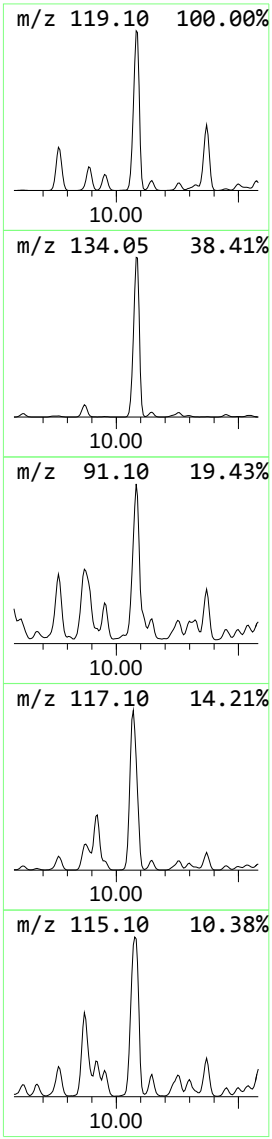
****

Peak Number 13 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.081	47.59 ng	14511900	Naphthalene-d8	10.658

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007955.D
Acq On : 11 Nov 2021 20:37
Operator : CG/JU
Sample : M4630-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-5.0

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

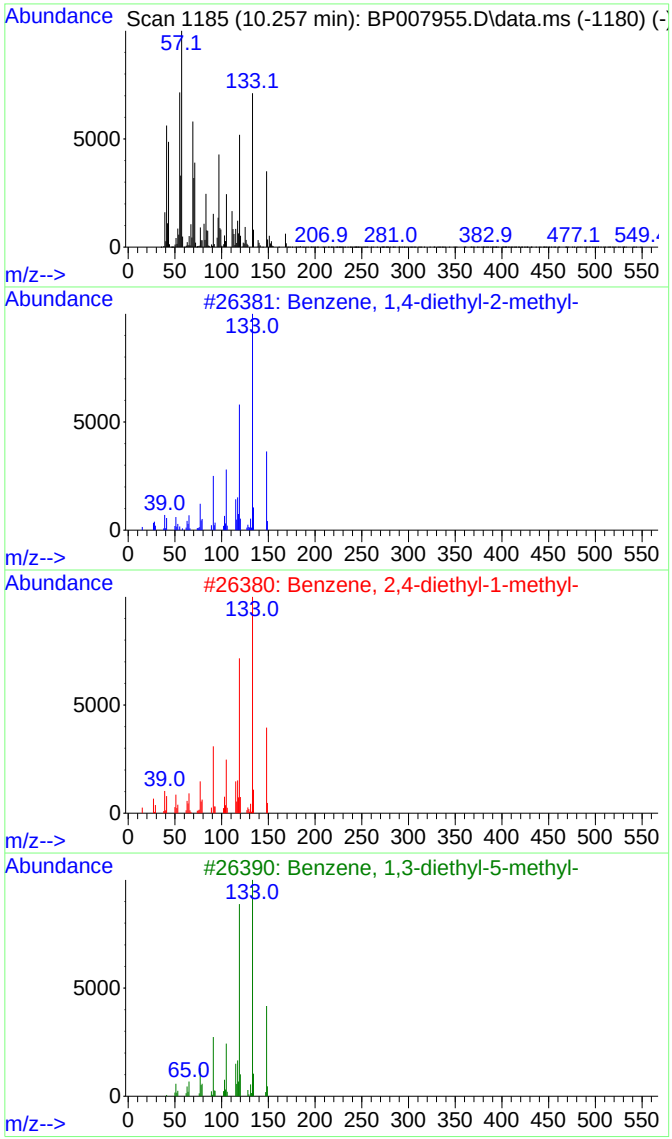
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

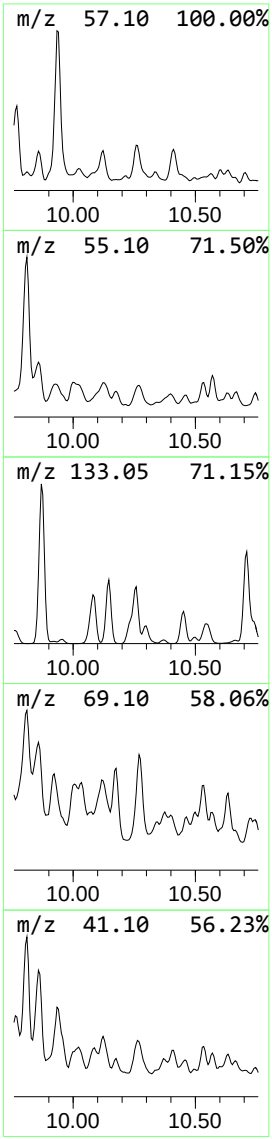
****

Peak Number 14 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.258	22.11 ng	6742640	Naphthalene-d8	10.658

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	70
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	50
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	45
4	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	35
5	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007955.D
Acq On : 11 Nov 2021 20:37
Operator : CG/JU
Sample : M4630-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-5.0

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

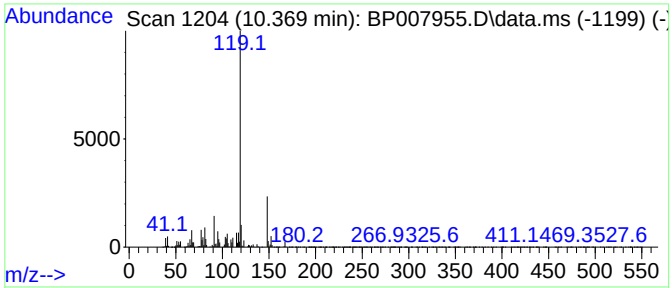
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

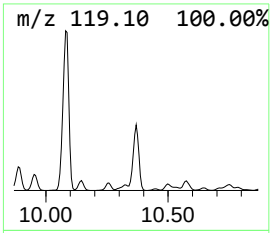
****

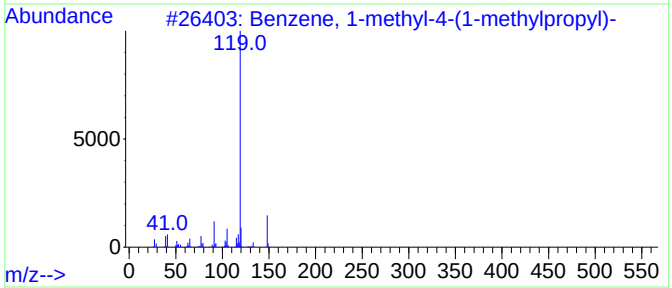
Peak Number 15 Benzene, (1,1-dimethylpropyl)- Concentration Rank 11

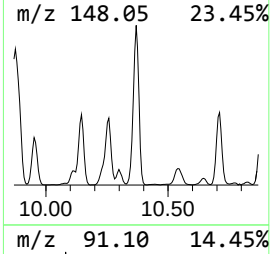
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.369	16.56 ng	5050450	Naphthalene-d8	10.658

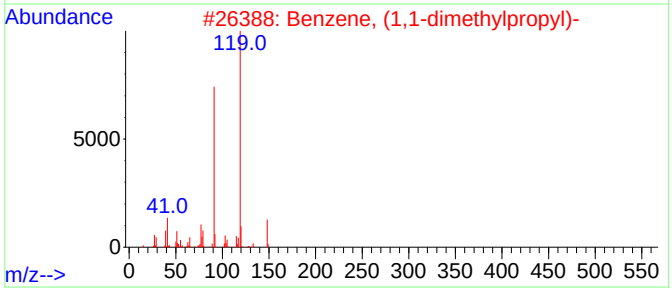
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	87
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	72
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	62
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	58
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	58

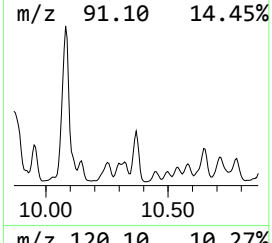


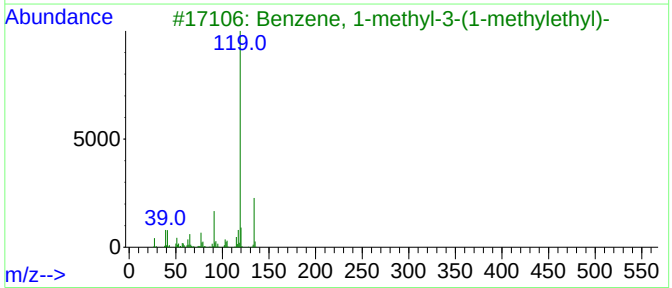


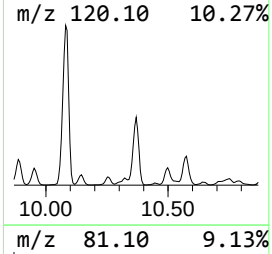


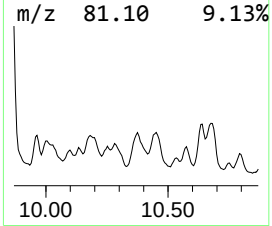












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007955.D
Acq On : 11 Nov 2021 20:37
Operator : CG/JU
Sample : M4630-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-5.0

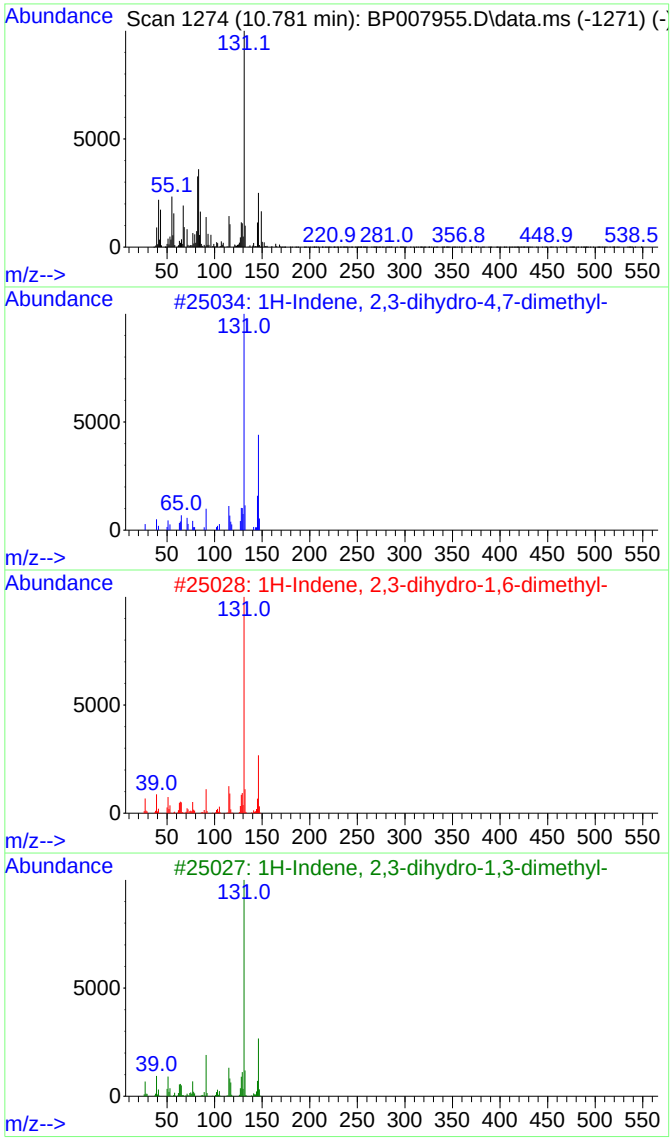
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

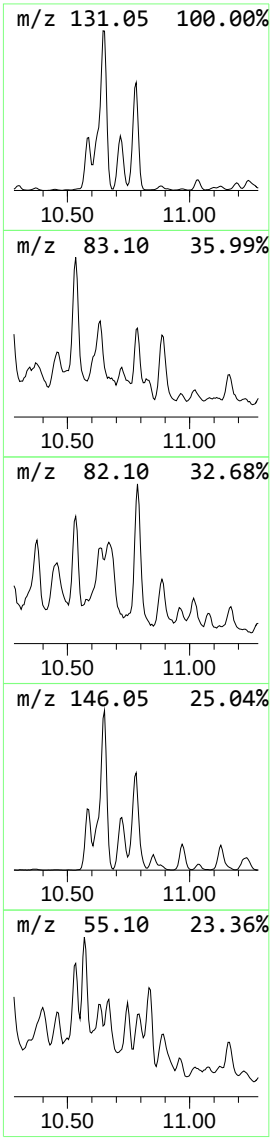
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.781	12.83 ng	3913150	Naphthalene-d8	10.658

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	76
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	76
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007955.D
Acq On : 11 Nov 2021 20:37
Operator : CG/JU
Sample : M4630-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-5.0

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

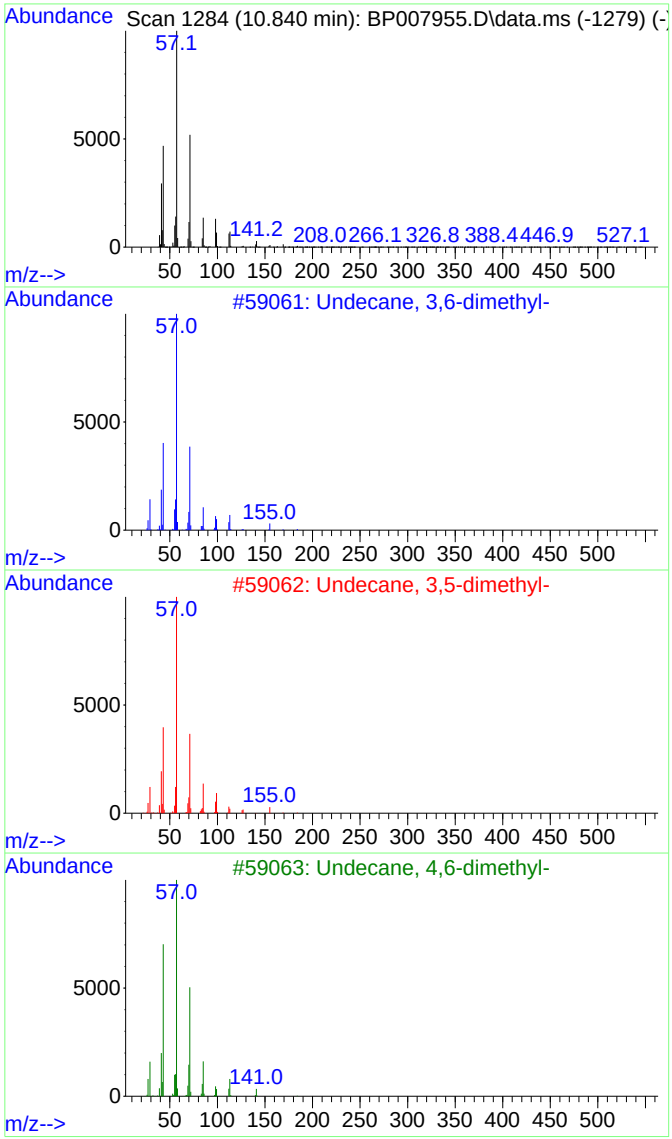
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

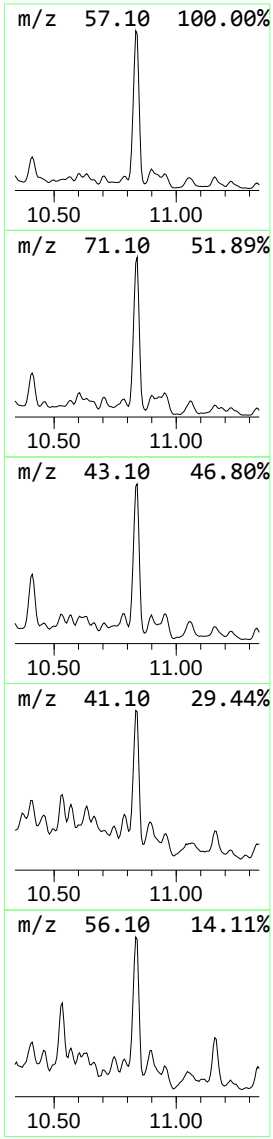
****

Peak Number 17 Undecane, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.840	23.56 ng	7183920	Naphthalene-d8	10.658

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	95
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	86
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	78
4	Dodecane, 6-methyl-	184	C13H28	006044-71-9	76
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007955.D
Acq On : 11 Nov 2021 20:37
Operator : CG/JU
Sample : M4630-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-5.0

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

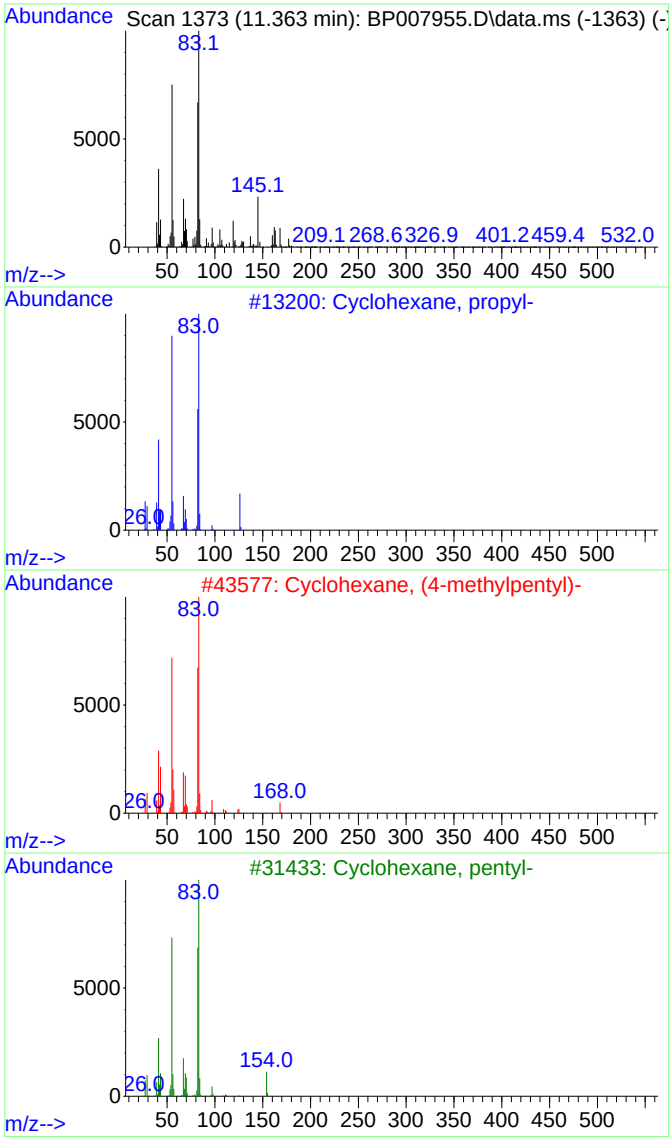
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

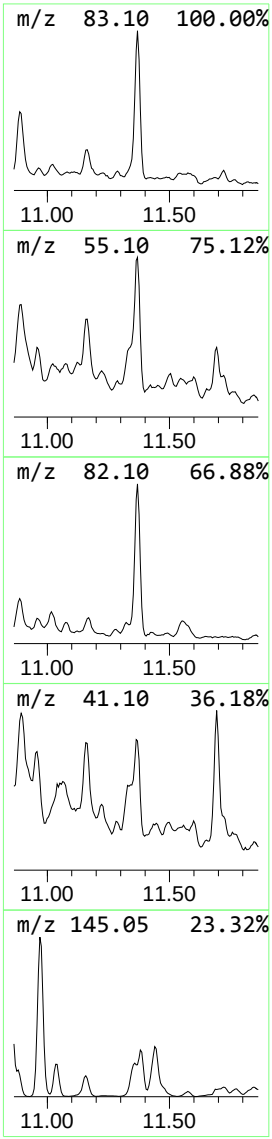
****

Peak Number 18 Cyclohexane, (4-methylpentyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.363	15.39 ng	4694090	Naphthalene-d8	10.658

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	76
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
4	Cyclohexane, hexyl-	168	C12H24	004292-75-5	70
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007955.D
Acq On : 11 Nov 2021 20:37
Operator : CG/JU
Sample : M4630-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-5.0

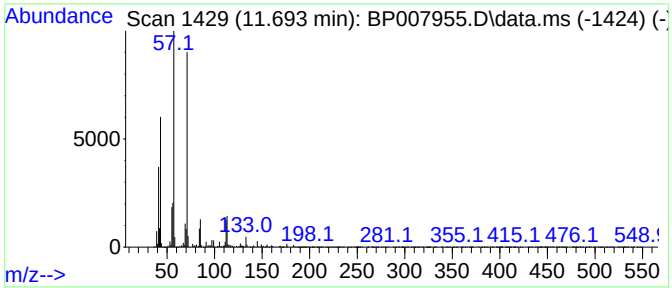
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

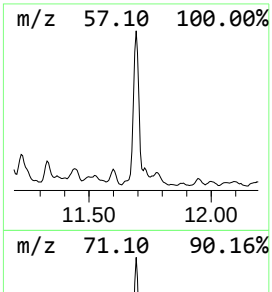
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

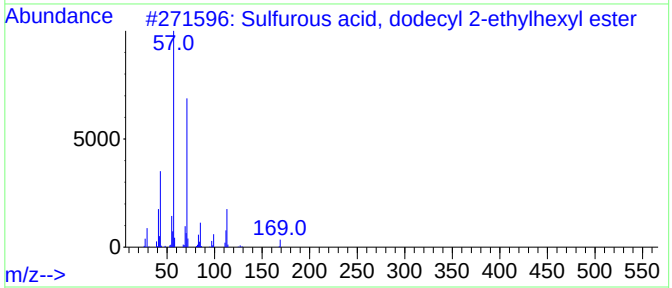
****
Peak Number 19 Sulfurous acid, dodecyl 2-e... Concentration Rank 20

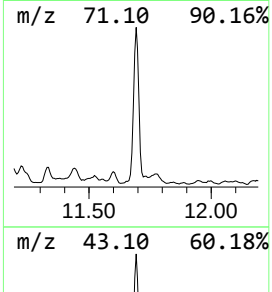
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.693	10.53 ng	3210700	Naphthalene-d8	10.658

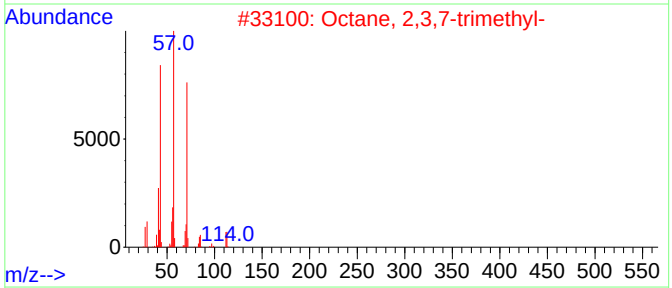
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72
2	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64
3	Methoxyacetic acid, 2-ethylhexyl...	202	C11H22O3	1000282-41-4	64
4	Sulfurous acid, octyl 2-propyl e...	236	C11H24O3S	1000309-11-9	59
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	53

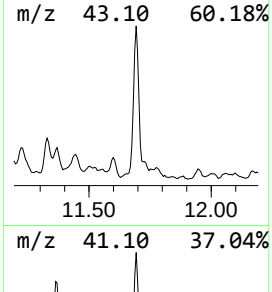


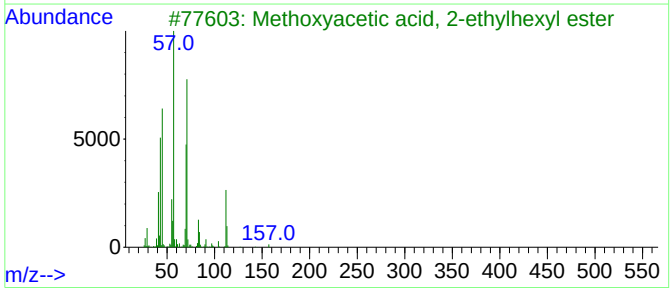


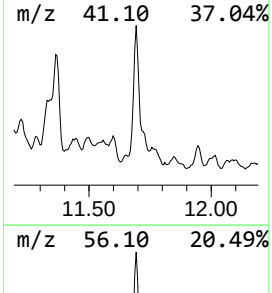


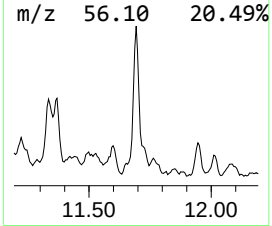












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007955.D
Acq On : 11 Nov 2021 20:37
Operator : CG/JU
Sample : M4630-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-5.0

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

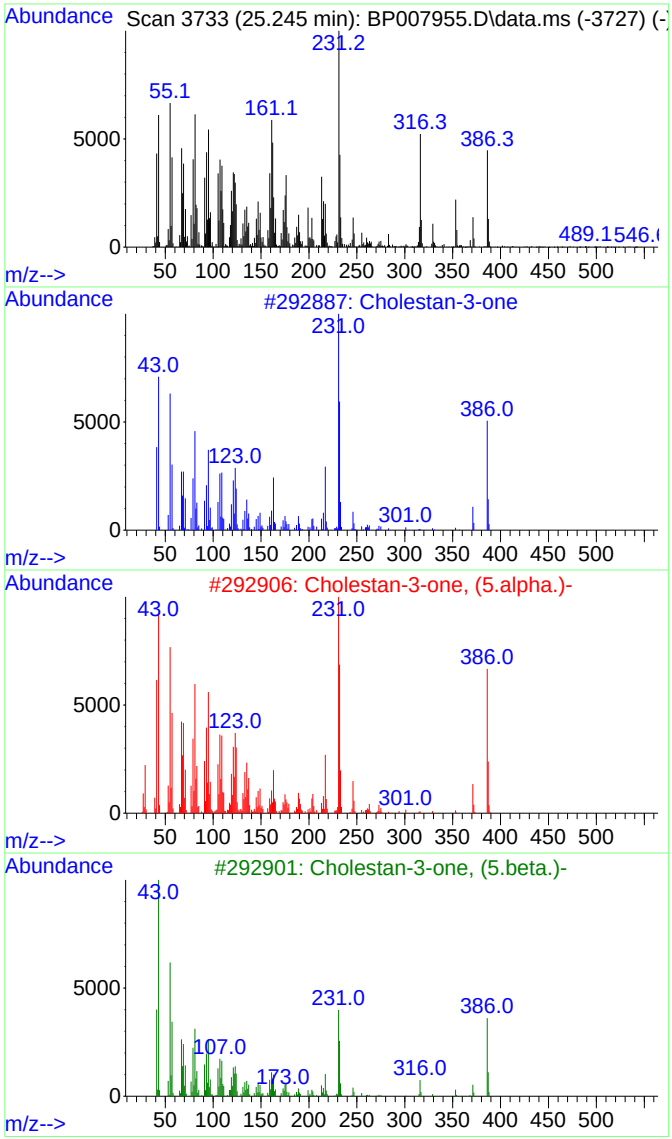
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

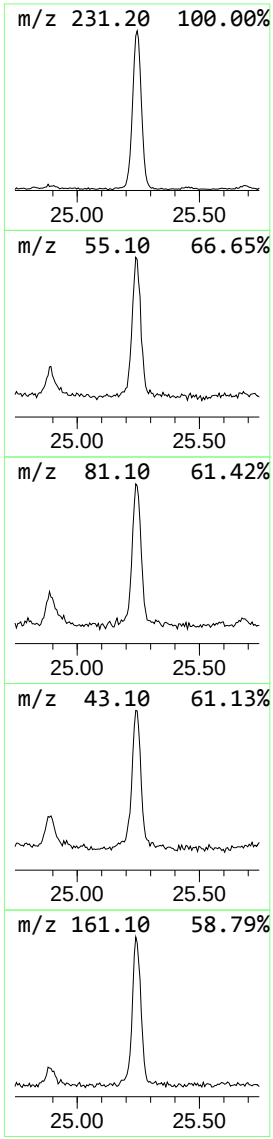
****

Peak Number 20 Cholestan-3-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.245	18.99 ng	1818880	Perylene-d12	23.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-one	386	C27H46O	015600-08-5	97
2	Cholestan-3-one, (5.alpha.)-	386	C27H46O	000566-88-1	95
3	Cholestan-3-one, (5.beta.)-	386	C27H46O	000601-53-6	91
4	Cholestan-2-one	386	C27H46O	1010210-43-4	83
5	Ethyl lithocholate	404	C26H44O3	006112-82-9	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007955.D
Acq On : 11 Nov 2021 20:37
Operator : CG/JU
Sample : M4630-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13R-5.0

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-...	6.146	13.7	ng	26831300	1	7.863	39175000	20.0
Octane, 2,6-dim...	6.446	13.0	ng	25549500	1	7.863	39175000	20.0
Cyclohexane, pr...	6.516	14.0	ng	27483400	1	7.863	39175000	20.0
cis-1-Ethyl-3-m...	7.369	11.8	ng	23075000	1	7.863	39175000	20.0
Sulfurous acid,...	7.440	12.2	ng	23877200	1	7.863	39175000	20.0
Cyclohexane, bu...	8.181	13.1	ng	25729700	1	7.863	39175000	20.0
Decane, 3,7-dim...	9.534	47.4	ng	14443700	2	10.658	6098860	20.0
trans-Decalin, ...	9.605	41.8	ng	12749200	2	10.658	6098860	20.0
Benzene, 1-meth...	9.763	25.1	ng	7643730	2	10.658	6098860	20.0
Cyclohexane, pe...	9.810	38.0	ng	11603300	2	10.658	6098860	20.0
trans-4a-Methyl...	9.863	63.7	ng	19430100	2	10.658	6098860	20.0
Heptane, 4-(1-m...	9.940	28.5	ng	8694730	2	10.658	6098860	20.0
Benzene, 1,2,4,...	10.081	47.6	ng	14511900	2	10.658	6098860	20.0
Benzene, 1,4-di...	10.258	22.1	ng	6742640	2	10.658	6098860	20.0
Benzene, (1,1-d...	10.369	16.6	ng	5050450	2	10.658	6098860	20.0
1H-Indene, 2,3-...	10.781	12.8	ng	3913150	2	10.658	6098860	20.0
Undecane, 3,6-d...	10.840	23.6	ng	7183920	2	10.658	6098860	20.0
Cyclohexane, (4...	11.363	15.4	ng	4694090	2	10.658	6098860	20.0
Sulfurous acid,...	11.693	10.5	ng	3210700	2	10.658	6098860	20.0
Cholestan-3-one	25.245	19.0	ng	1818880	6	23.739	1915150	20.0