LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007947.D
Acq On : 11 Nov 2021 16:06
Operator : CG/JU
Sample : M4630-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC: BP007947.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	274704	423741	3.72%	0.236%
2	4.893	268	273	278	rBV	204926	337250	2.96%	0.188%
3	4.999	287	291	296	rVB	316898	439990	3.87%	0.245%
4	5.052	296	300	306	rBV	560461	907476	7.97%	0.506%
5	5.217	324	328	332	rBV	305695	413649	3.63%	0.231%
6	5.305	337	343	346	rBV2	653823	1213020	10.66%	0.676%
7	5.334	346	348	356	rVB	444093	535260	4.70%	0.298%
8	5.434	356	365	378	rVB2	3363785	5673330	49.84%	3.161%
9	5.546	378	384	394	rVB3	167733	387298	3.40%	0.216%
10	5.658	394	403	409	rBV3	345313	635340	5.58%	0.354%
11	5.734	409	416	420	rBV3	641905	1220918	10.73%	0.680%
12	5.811	424	429	434	rBV	1048224	1549243	13.61%	0.863%
13	5.875	435	440	447	rVB	677195	1220310	10.72%	0.680%
14	5.952	447	453	462	rBV	437822	711093	6.25%	0.396%
15	6.040	462	468	475	rVB2	193136	354333	3.11%	0.197%
16	6.134	475	484	491	rBV2	1467107	3439235	30.22%	1.917%
17	6.252	497	504	510	rVB2	780014	1683599	14.79%	0.938%
18	6.346	514	520	527	rBV3	1352001	2973696	26.13%	1.657%
19	6.417	527	532	537	rBV	2595751	3969677	34.88%	2.212%
20	6.493	537	545	548	rBV3	2330506	4453045	39.12%	2.481%
21	6.528	548	551	557	rVB	1829016	2672547	23.48%	1.489%
22	6.611	561	565	571	rVB2	529417	880768	7.74%	0.491%
23	6.675	571	576	582	rVB4	601715	1079263	9.48%	0.601%
24	6.758	582	590	595	rBV3	1149642	2800648	24.61%	1.561%
25	6.817	595	600	602	rBV	1017118	1532442	13.46%	0.854%
26	6.852	602	606	611	rVB	2606950	4037124	35.47%	2.250%
27	6.911	611	616	619	rVB	822709	1136418	9.98%	0.633%
28	6.952	619	623	626	rBV2	645477	905775	7.96%	0.505%
29	7.022	626	635	643	rVB3	3403220	8632391	75.84%	4.810%
30	7.134	647	654	657	rBV2	303215	595712	5.23%	0.332%
31	7.181	657	662	667	rVB4	611858	1148555	10.09%	0.640%
32	7.240	667	672	676	rBV2	772273	1167056	10.25%	0.650%
33	7.275	676	678	681	rBV2	269240	352369	3.10%	0.196%
34	7.311	681	684	686	rBV2	559898	739406	6.50%	0.412%
35	7.340	686	689	694	rVB	1006109	1341778	11.79%	0.748%
36	7.417	698	702	712	rVB4	1070256	2586438	22.72%	1.441%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007947.D
Acq On : 11 Nov 2021 16:06
Operator : CG/JU
Sample : M4630-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

37	7.505	712	717	721	rBV	1377387	2301088	20.22%	1.282%
38	7.575	725	729	734	rVB2	637567	1109715	9.75%	0.618%
39	7.628	734	738	741	rVB	264892	309795	2.72%	0.173%
40	7.675	741	746	755	rBV5	589674	1734275	15.24%	0.966%
41	7.758	755	760	762	rBV3	801545	1332741	11.71%	0.743%
42	7.840	768	774	780	rVB2	4517444	7927196	69.65%	4.417%
43	7.928	780	789	792	rBV3	976700	2052025	18.03%	1.144%
44	7.969	792	796	801	rVV	1386451	2340368	20.56%	1.304%
45	8.052	804	810	813	rVV2	1410033	2379456	20.91%	1.326%
46	8.087	813	816	818	rVV2	409054	556367	4.89%	0.310%
47	8.146	818	826	833	rVV3	2278891	5333881	46.86%	2.972%
48	8.205	833	836	844	rVB3	730266	1237445	10.87%	0.690%
49	8.299	848	852	857	rBV3	564664	935352	8.22%	0.521%
50	8.393	857	868	875	rBV3	1585373	3900388	34.27%	2.174%
51	8.452	875	878	882	rVB	1326558	1688423	14.83%	0.941%
52	8.522	882	890	893	rBV2	1116919	2077763	18.25%	1.158%
53	8.628	902	908	911	rBV	1190699	1962075	17.24%	1.093%
54	8.658	911	913	914	rVV	598587	600231	5.27%	0.334%
55	8.681	915	917	922	rVB	889923	1232234	10.83%	0.687%
56	8.811	935	939	942	rBV	418030	641015	5.63%	0.357%
57	8.858	942	947	954	rVV2	641495	1316468	11.57%	0.734%
58	8.963	955	965	969	rVV4	2192919	5338214	46.90%	2.975%
59	9.011	969	973	977	rVV	1504967	2829993	24.86%	1.577%
60	9.058	977	981	988	rVV4	1074083	1982146	17.41%	1.105%
61	9.122	989	992	996	rVB2	416480	614383	5.40%	0.342%
62	9.175	996	1001	1003	rBV3	846210	1372263	12.06%	0.765%
63	9.211	1003	1007	1013	rVB5	1185221	2524488	22.18%	1.407%
64	9.293	1013	1021	1024	rBV3	674582	1542976	13.56%	0.860%
65	9.346	1024	1030	1035	rVB4	788624	1746878	15.35%	0.973%
66	9.446	1043	1047	1050	rBV3	223446	318730	2.80%	0.178%
67	9.505	1050	1057	1060	rBV2	762476	1514645	13.31%	0.844%
68	9.540	1060	1063	1066	rBV	398406	502798	4.42%	0.280%
69	9.740	1091	1097	1100	rBV3	447037	827215	7.27%	0.461%
70	9.787	1100	1105	1109	rVV2	1029579	1867453	16.41%	1.041%
71	9.834	1109	1113	1121	rVV5	947908	1793140	15.75%	0.999%
72	9.922	1122	1128	1135	rVB2	699701	1870885	16.44%	1.043%
73	10.005	1135	1142	1146	rBV3	500916	878844	7.72%	0.490%
74	10.058	1146	1151	1155	rVV2	1022056	1865101	16.39%	1.039%
75	10.116	1159	1161	1166	rVB2	512904	683404	6.00%	0.381%
76	10.193	1169	1174	1178	rBV2	507376	828122	7.28%	0.461%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007947.D
Acq On : 11 Nov 2021 16:06
Operator : CG/JU
Sample : M4630-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

77	10.240	1179	1182	1187	rVV4	305826	543444	4.77%	0.303%
78	10.281	1187	1189	1195	rVB	251614	326853	2.87%	0.182%
79	10.358	1197	1202	1206	rBV	313672	518922	4.56%	0.289%
80	10.434	1211	1215	1221	rVB2	288414	487060	4.28%	0.271%
81	10.522	1225	1230	1233	rBV4	204832	335043	2.94%	0.187%
82	10.558	1233	1236	1240	rVV3	226316	385855	3.39%	0.215%
83	10.646	1242	1251	1256	rVV2	745835	1824436	16.03%	1.017%
84	10.699	1256	1260	1268	rVV	622350	1266694	11.13%	0.706%
85	10.775	1268	1273	1277	rVV5	208589	393495	3.46%	0.219%
86	10.822	1277	1281	1286	rVB	691352	1003433	8.82%	0.559%
87	10.875	1286	1290	1298	rVB3	167181	311493	2.74%	0.174%
88	11.357	1362	1372	1380	rBV6	169014	449483	3.95%	0.250%
89	11.687	1422	1428	1437	rBV3	188815	399609	3.51%	0.223%
90	12.310	1525	1534	1541	rVB2	153698	300845	2.64%	0.168%
91	13.110	1663	1670	1678	rBV	3713403	5461121	47.98%	3.043%
92	14.487	1895	1904	1911	rBV	871237	1258416	11.06%	0.701%
93	15.981	2151	2158	2181	rVB	3873351	5592337	49.13%	3.116%
94	17.240	2364	2372	2378	rBV	1239081	1742571	15.31%	0.971%
95	18.139	2519	2525	2536	rBV	404153	561980	4.94%	0.313%
96	19.375	2730	2735	2745	rBV	226953	348531	3.06%	0.194%
97	19.810	2803	2809	2814	rBV	9279780	11382196	100.00%	6.343%
98	21.051	3016	3020	3027	rBV	348900	484520	4.26%	0.270%
99	21.333	3063	3068	3074	rBV	2209302	2761838	24.26%	1.539%
100	23.745	3471	3478	3486	rVB2	1587630	3290801	28.91%	1.834%

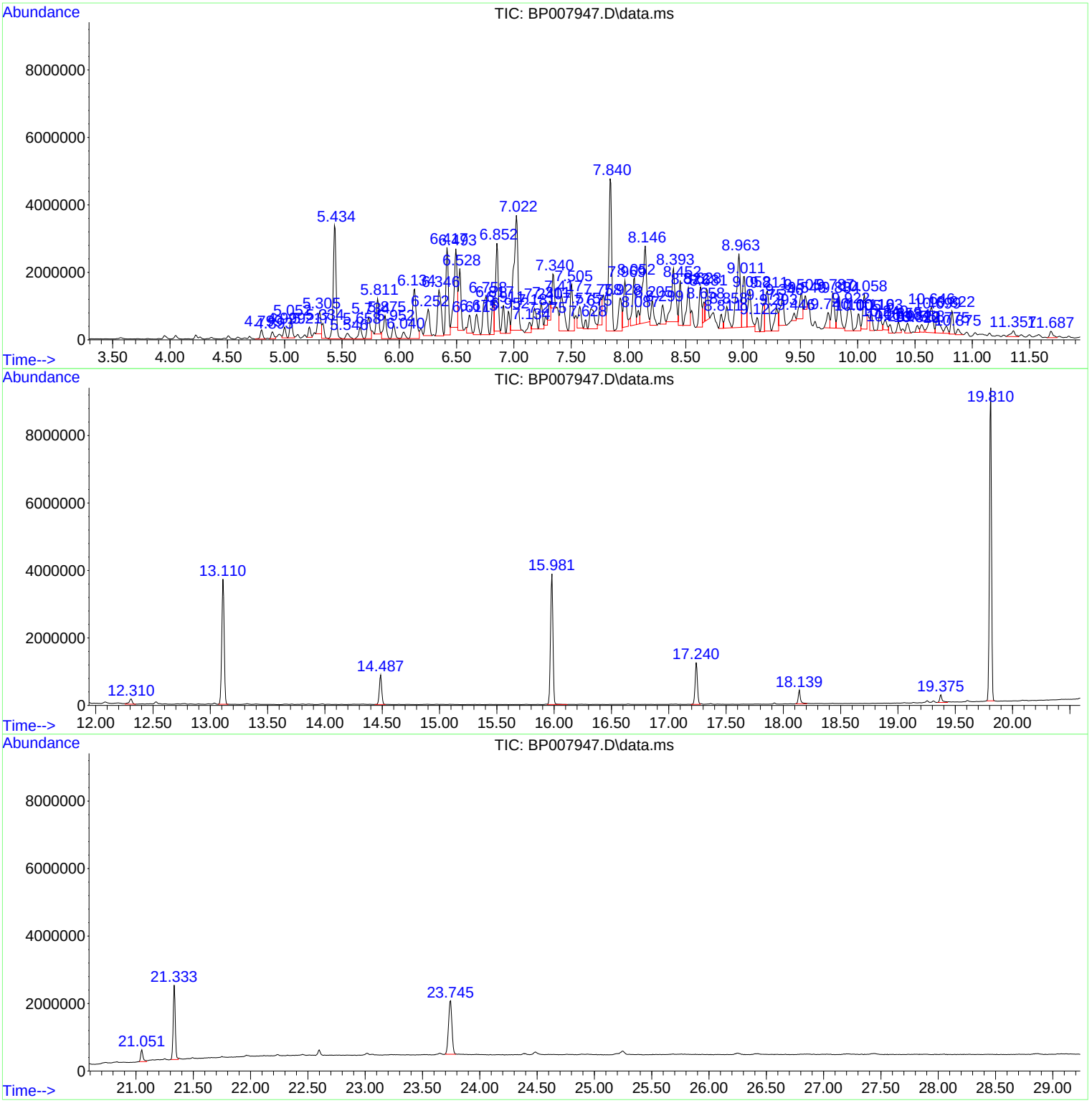
Sum of corrected areas: 179451148

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007947.D
Acq On : 11 Nov 2021 16:06
Operator : CG/JU
Sample : M4630-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007947.D
Acq On : 11 Nov 2021 16:06
Operator : CG/JU
Sample : M4630-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

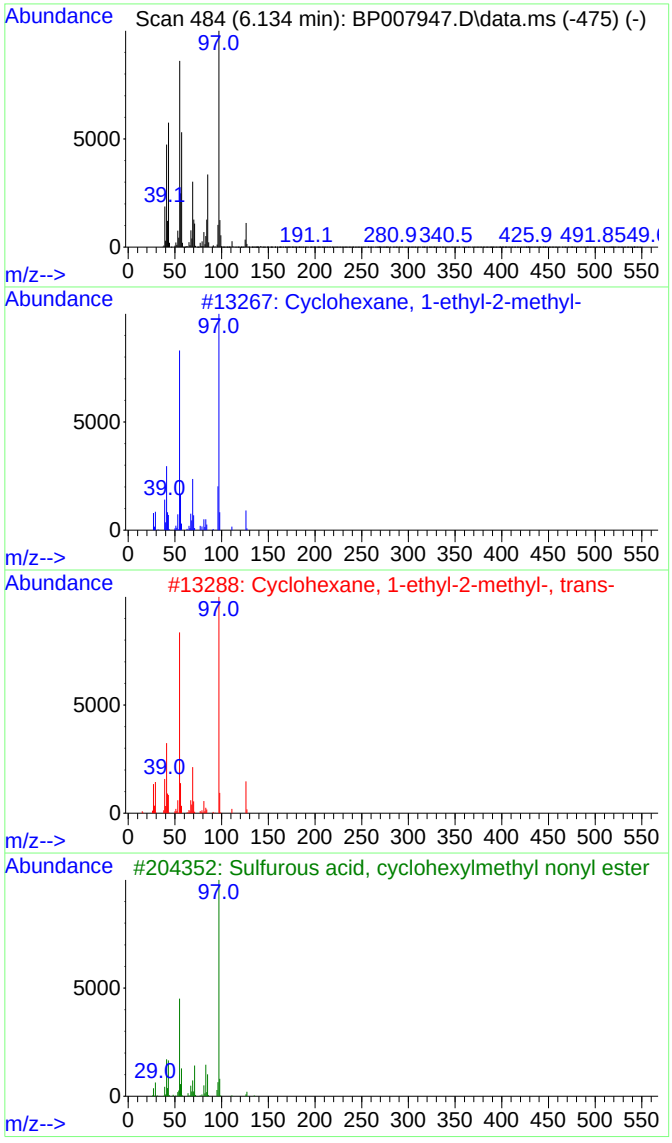
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

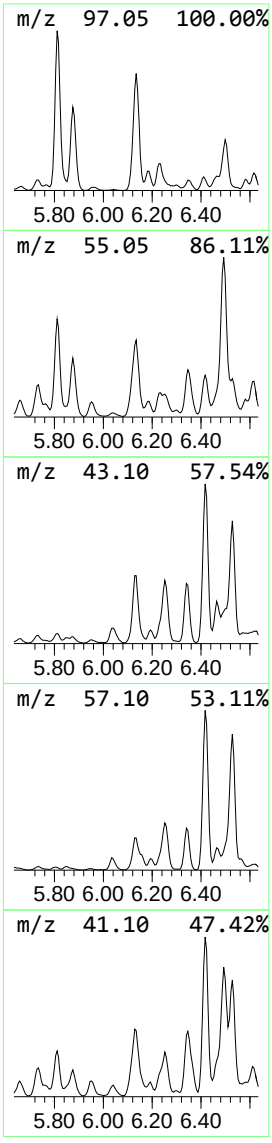
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclohexane, 1-ethyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.134	8.68 ng	3439240	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	70
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	62
3	Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	59
4	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	58
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007947.D
Acq On : 11 Nov 2021 16:06
Operator : CG/JU
Sample : M4630-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

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

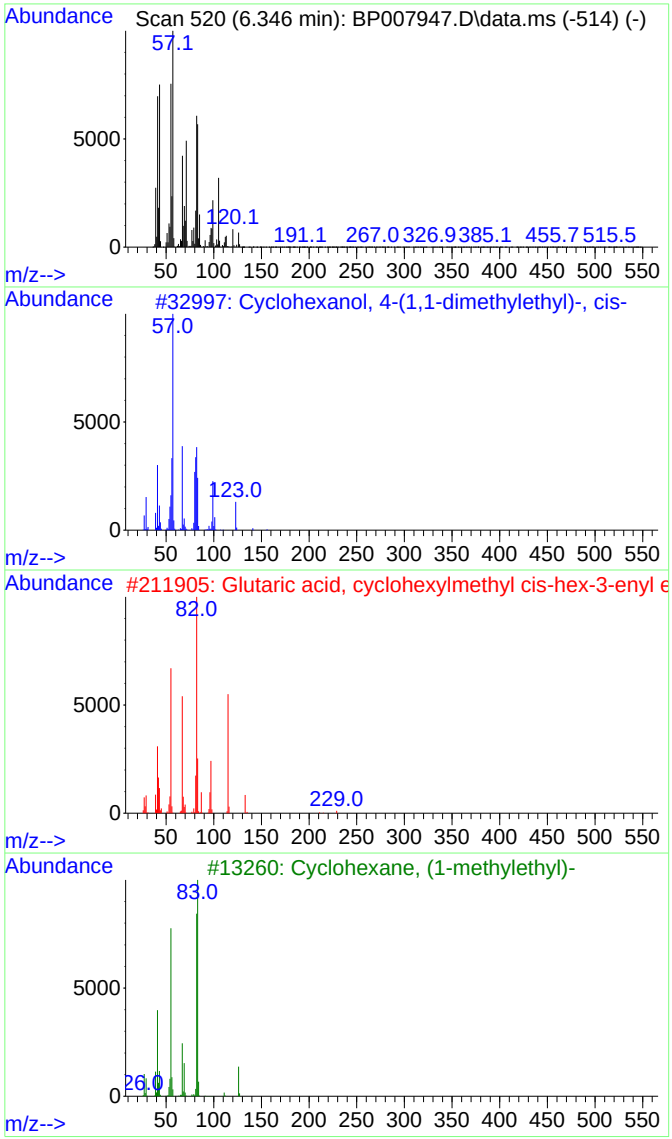
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

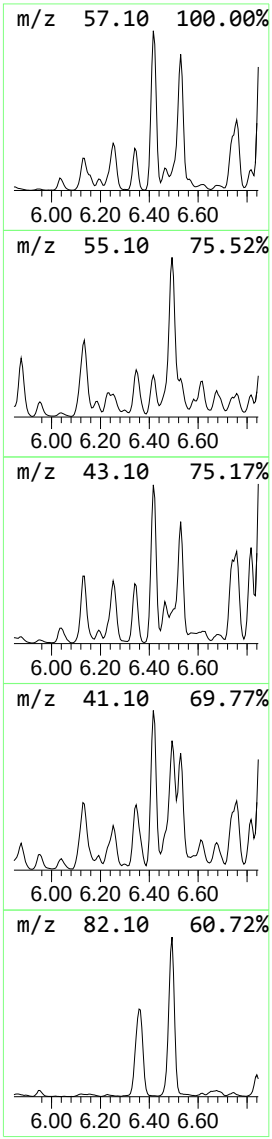
****

Peak Number 2 unknown6.346 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.346	7.50 ng	2973700	1,4-Dichlorobenzene-d4	7.852

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 4-(1,1-dimethyleth...	156	C10H20O	000937-05-3	47
2	Glutaric acid, cyclohexylmethyl ...	310	C18H30O4	1000394-02-8	27
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	27
4	2-Penten-1-ol, 2-methyl-, (Z)-	100	C6H12O	016958-20-6	25
5	3-Hexen-1-ol	100	C6H12O	000544-12-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007947.D
Acq On : 11 Nov 2021 16:06
Operator : CG/JU
Sample : M4630-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

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

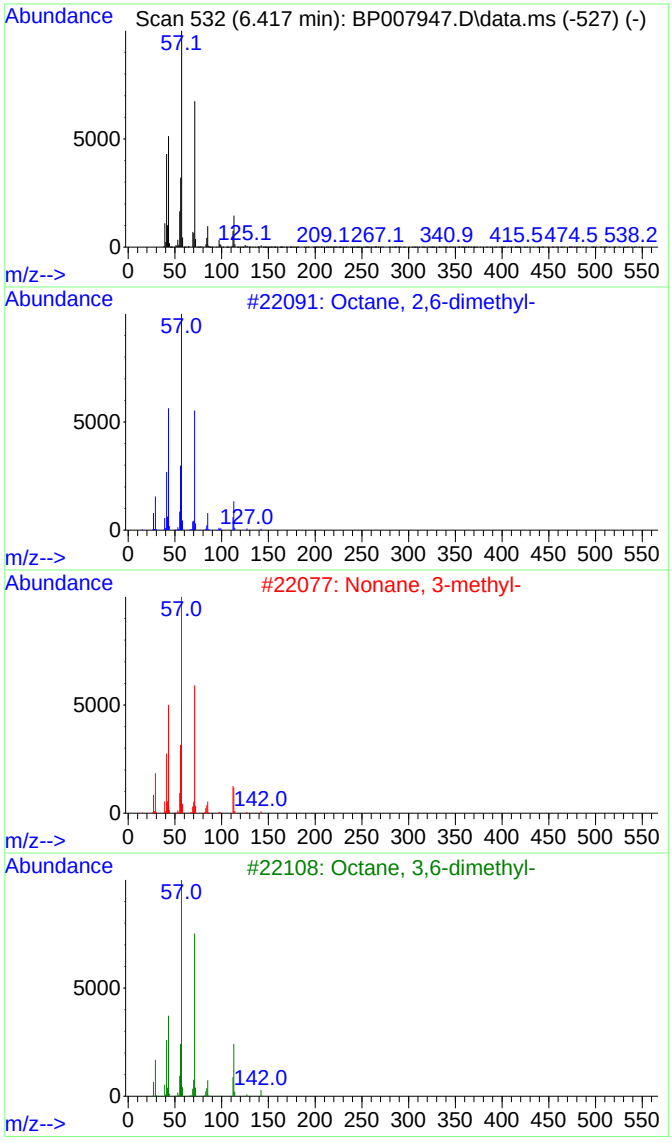
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

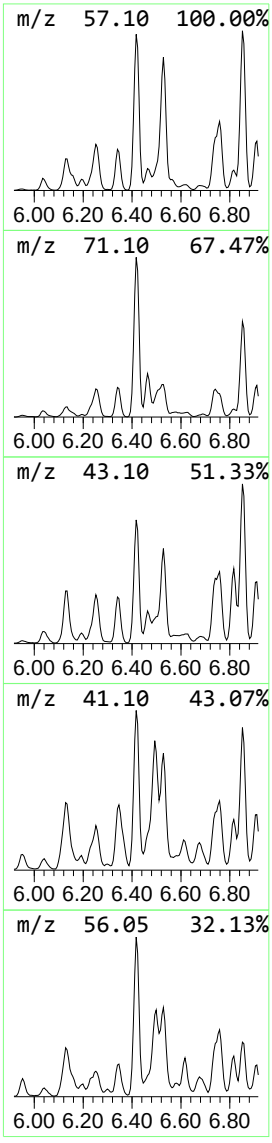
****

Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.417	10.02 ng	3969680	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	93
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
4	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
5	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007947.D
Acq On : 11 Nov 2021 16:06
Operator : CG/JU
Sample : M4630-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

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

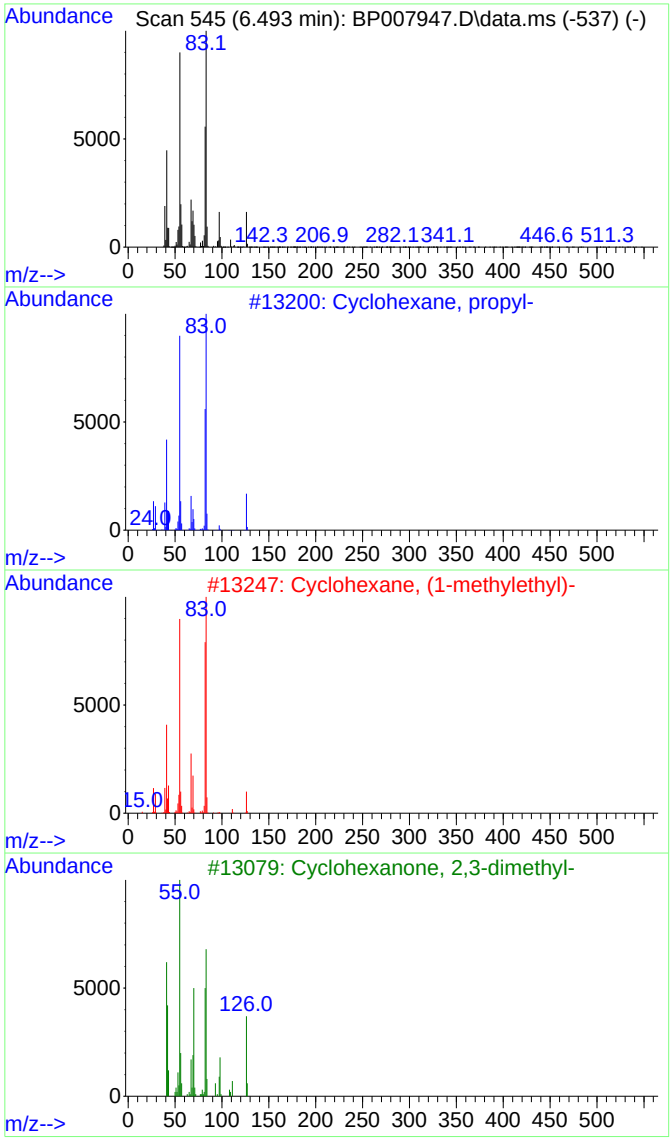
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

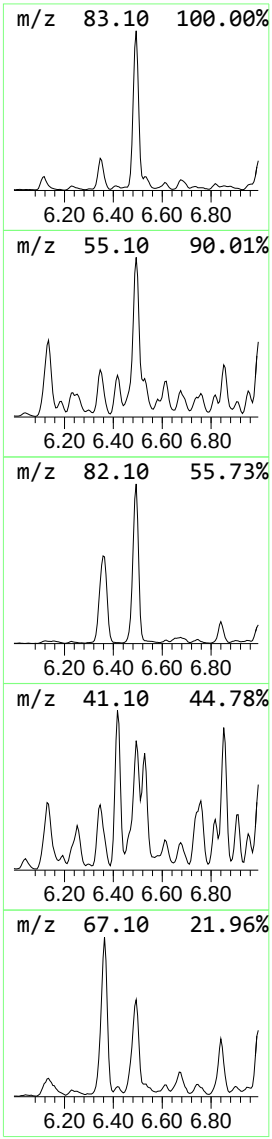
****

Peak Number 4 Cyclohexane, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.493	11.23 ng	4453050	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	83
3	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	68
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 : BP007947.D
Acq On : 11 Nov 2021 16:06
Operator : CG/JU
Sample : M4630-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

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

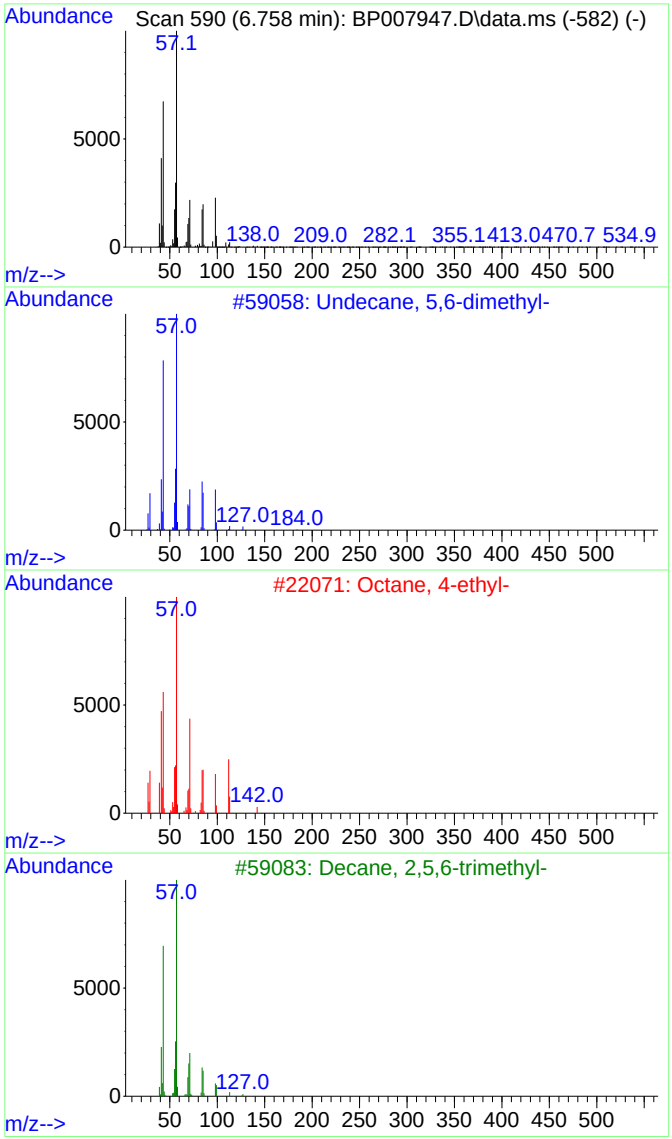
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

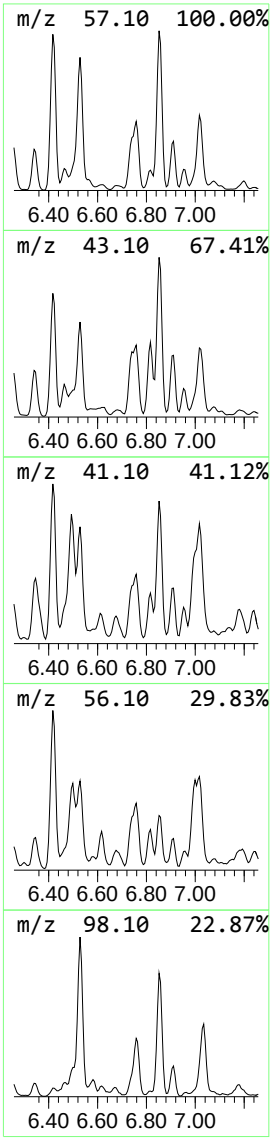
****

Peak Number 5 Undecane, 5,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.758	7.07 ng	2800650	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	86
2	Octane, 4-ethyl-	142	C10H22	015869-86-0	64
3	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	64
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	58
5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007947.D
Acq On : 11 Nov 2021 16:06
Operator : CG/JU
Sample : M4630-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

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

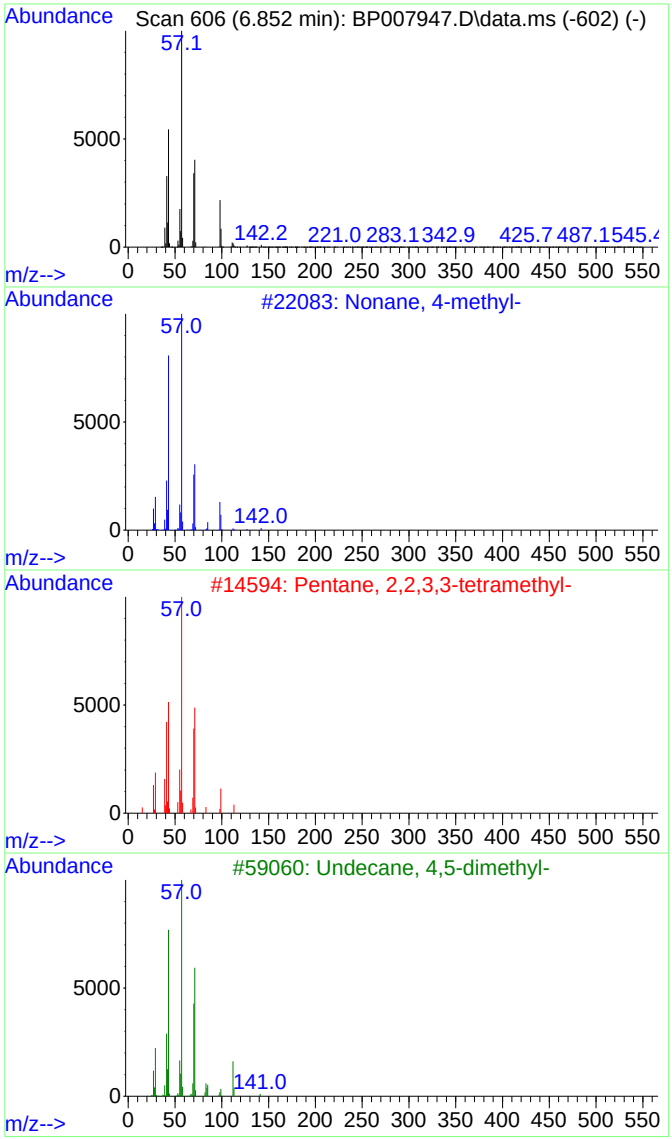
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

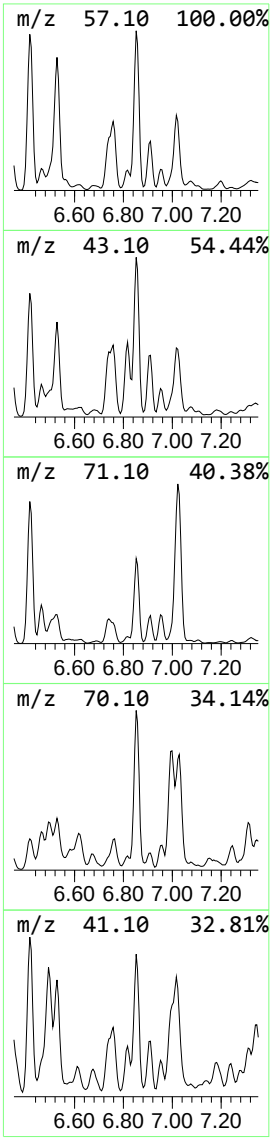
****

Peak Number 6 Nonane, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.852	10.19 ng	4037120	1,4-Dichlorobenzene-d4	7.852

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	90
2	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
3	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	53
4	Heptane, 3-ethyl-	128	C9H20	015869-80-4	50
5	Nonane, 2-methyl-	142	C10H22	000871-83-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007947.D
Acq On : 11 Nov 2021 16:06
Operator : CG/JU
Sample : M4630-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

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

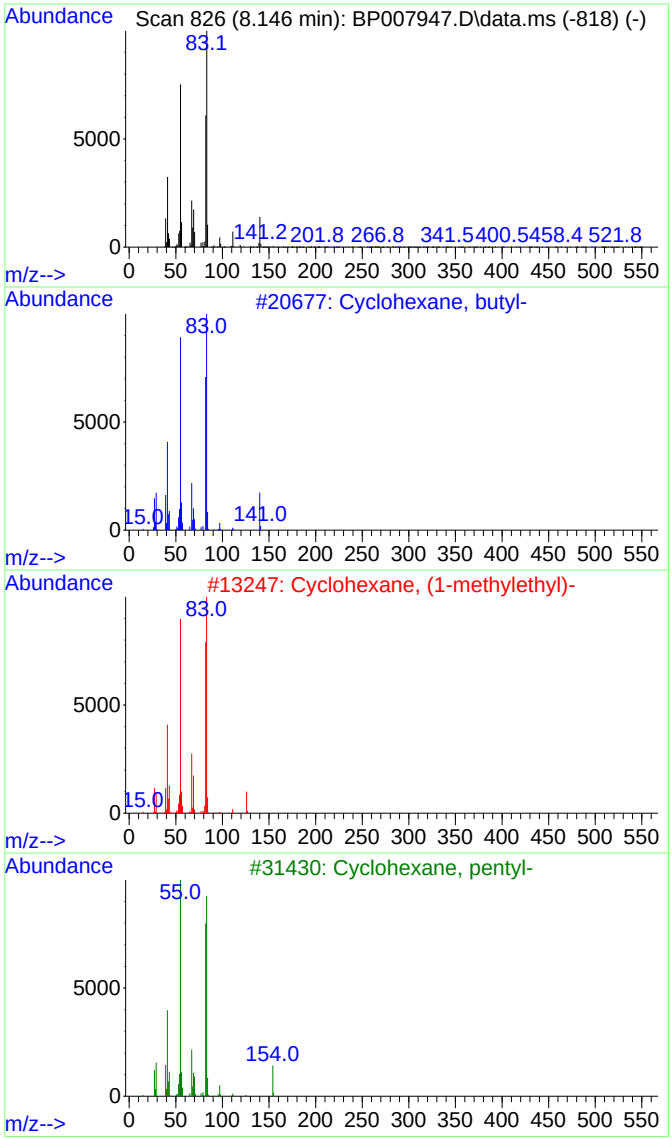
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

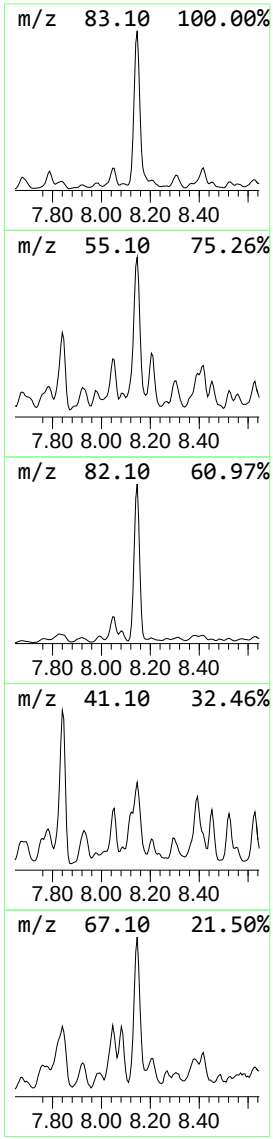
****

Peak Number 7 Cyclohexane, butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.146	13.46 ng	5333880	1,4-Dichlorobenzene-d4	7.852

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, pentyl-	154	C11H22	004292-92-6	72
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007947.D
Acq On : 11 Nov 2021 16:06
Operator : CG/JU
Sample : M4630-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

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

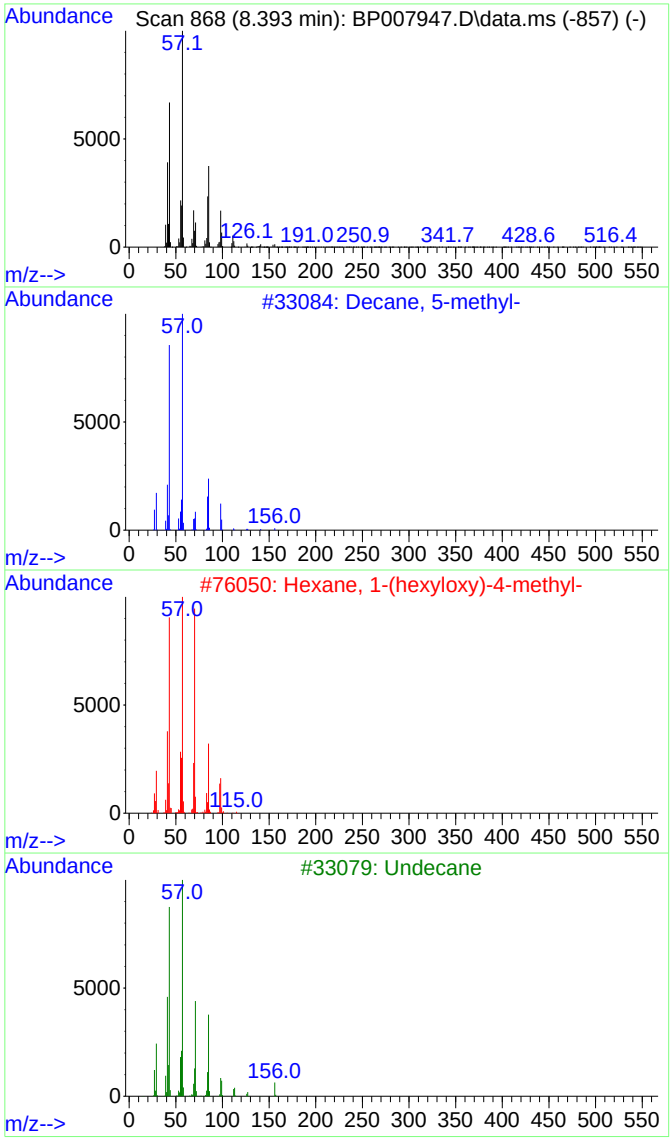
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

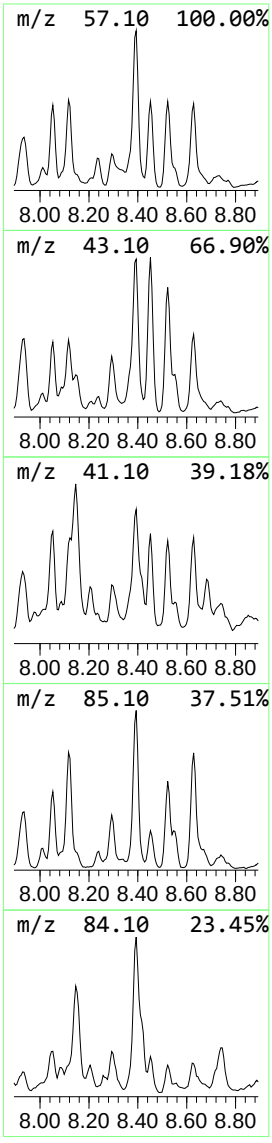
****

Peak Number 8 Decane, 5-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.393	9.84 ng	3900390	1,4-Dichlorobenzene-d4	7.852

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	68
2	Hexane, 1-(hexyloxy)-4-methyl-	200	C13H28O	074421-20-8	64
3	Undecane	156	C11H24	001120-21-4	50
4	Heptane, 4-ethyl-	128	C9H20	002216-32-2	47
5	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007947.D
Acq On : 11 Nov 2021 16:06
Operator : CG/JU
Sample : M4630-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

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

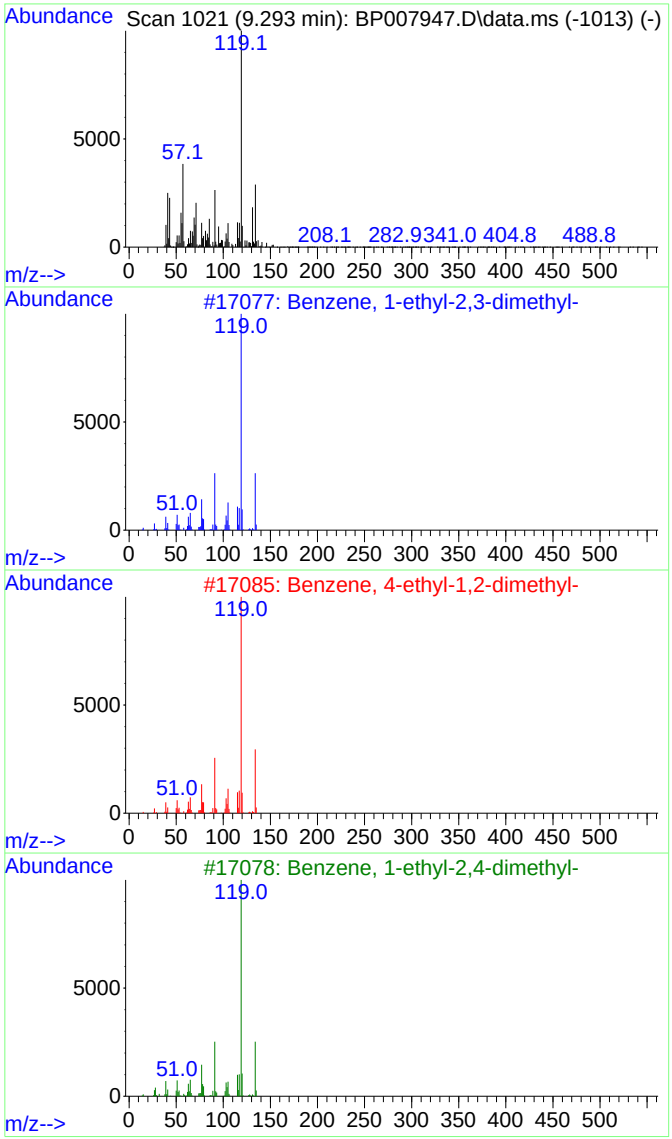
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

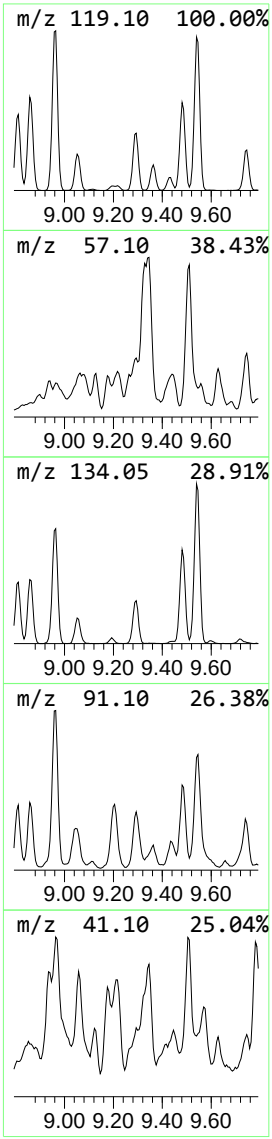
****

Peak Number 9 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.293	16.91 ng	1542980	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007947.D
Acq On : 11 Nov 2021 16:06
Operator : CG/JU
Sample : M4630-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

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

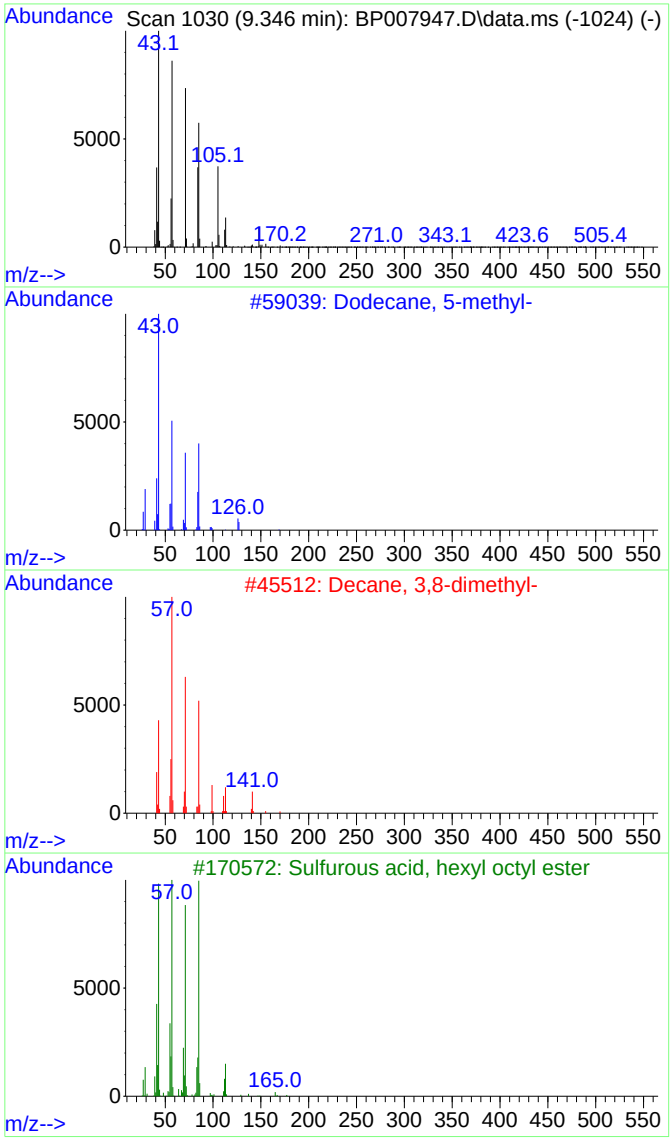
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

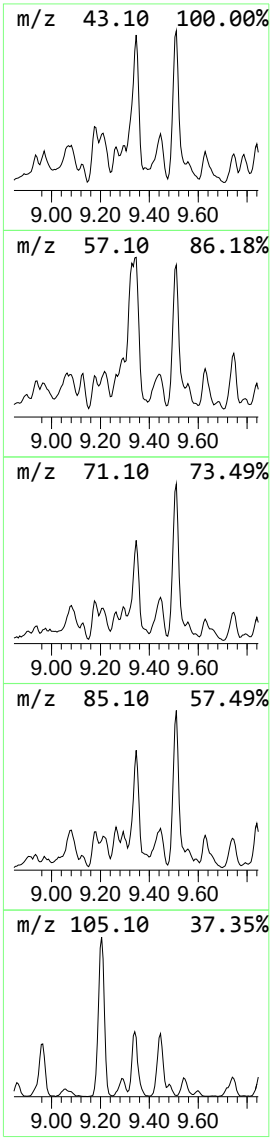
****

Peak Number 10 Dodecane, 5-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.346	19.15 ng	1746880	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 5-methyl-	184	C13H28	017453-93-9	64
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
3	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	59
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	58
5	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007947.D
Acq On : 11 Nov 2021 16:06
Operator : CG/JU
Sample : M4630-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

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

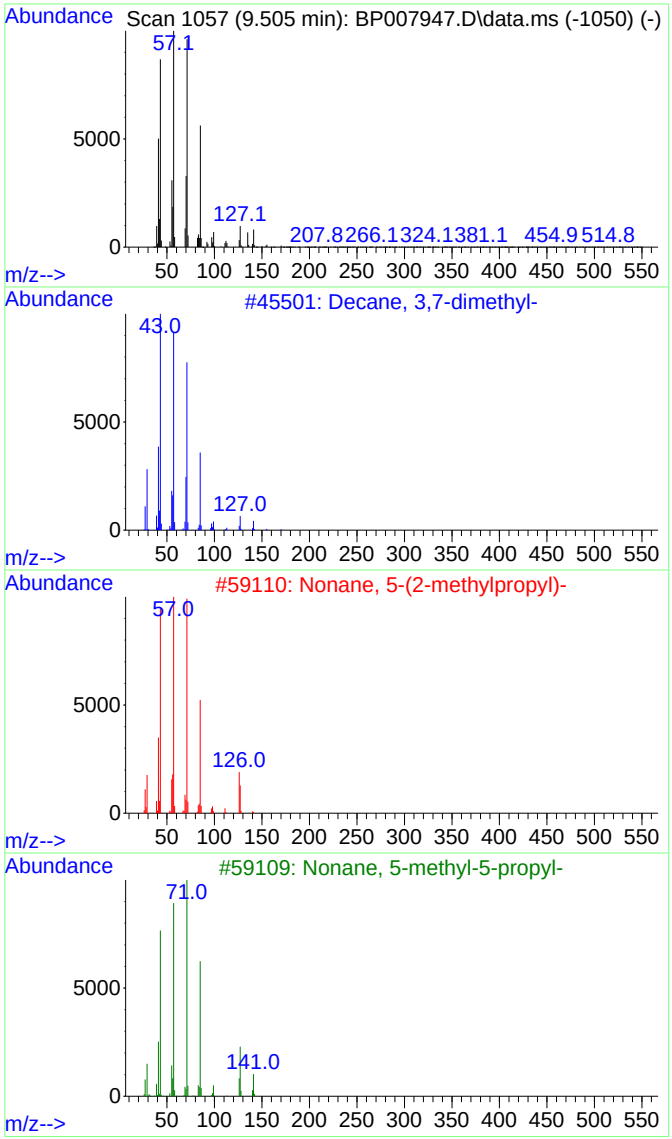
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

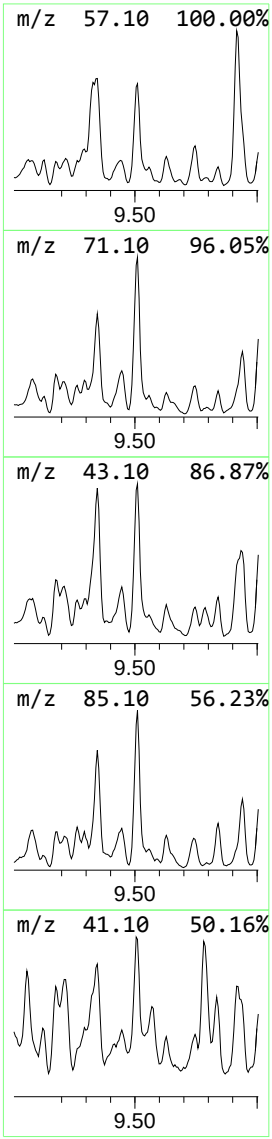
****

Peak Number 11 Decane, 3,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.505	16.60 ng	1514650	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	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	64
3	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	64
4	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	64
5	Undecane, 4-methyl-	170	C12H26	002980-69-0	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007947.D
Acq On : 11 Nov 2021 16:06
Operator : CG/JU
Sample : M4630-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

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

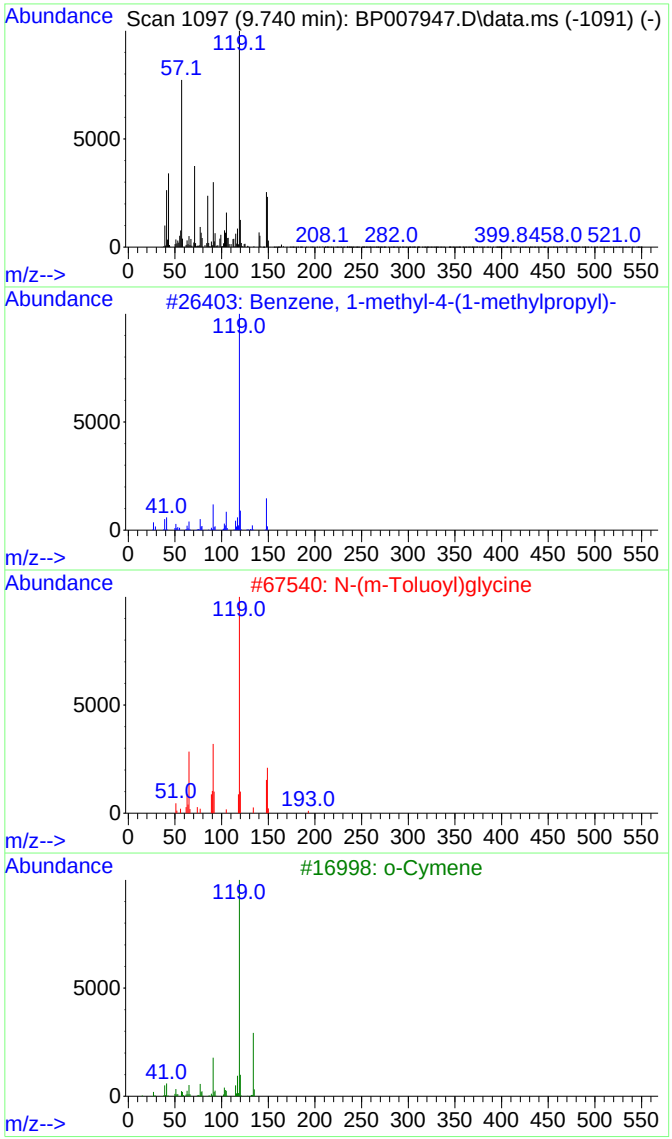
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

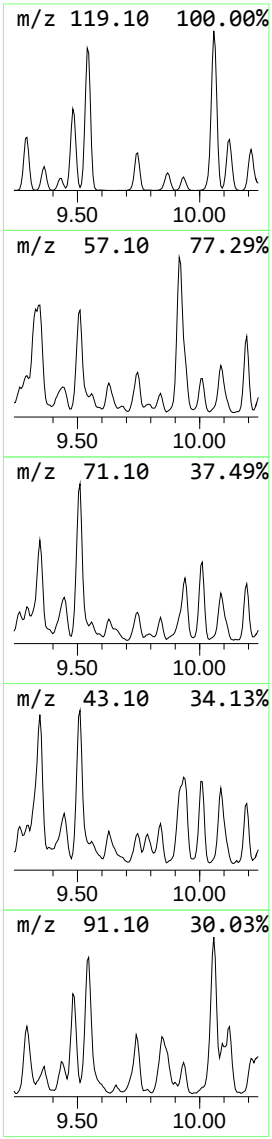
****

Peak Number 12 unknown9.740 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.740	9.07 ng	827215	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	49
2	N-(m-Toluoyl)glycine	193	C10H11NO3	027115-49-7	47
3	o-Cymene	134	C10H14	000527-84-4	46
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
5	4'-Methylpropiophenone	148	C10H12O	005337-93-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007947.D
Acq On : 11 Nov 2021 16:06
Operator : CG/JU
Sample : M4630-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

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

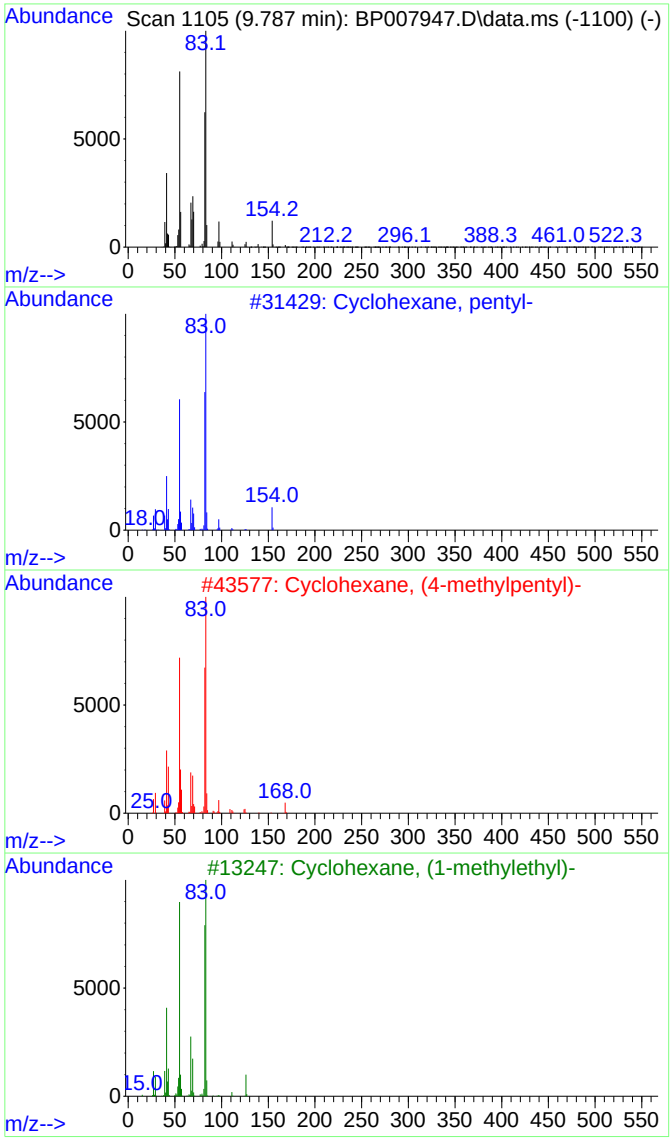
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

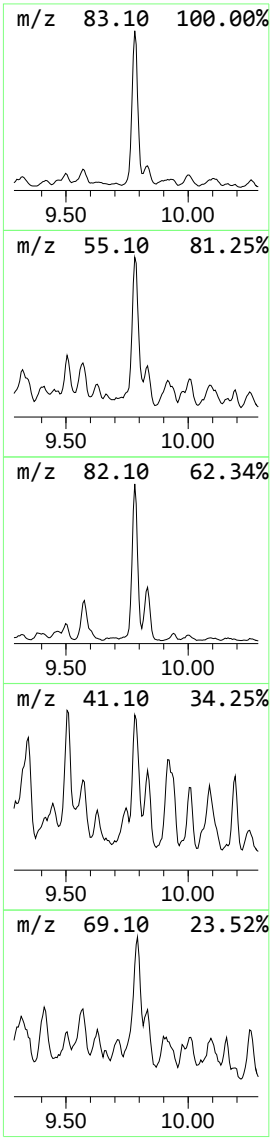
****

Peak Number 13 Cyclohexane, pentyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.787	20.47 ng	1867450	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	90
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	80
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	74
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007947.D
Acq On : 11 Nov 2021 16:06
Operator : CG/JU
Sample : M4630-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

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

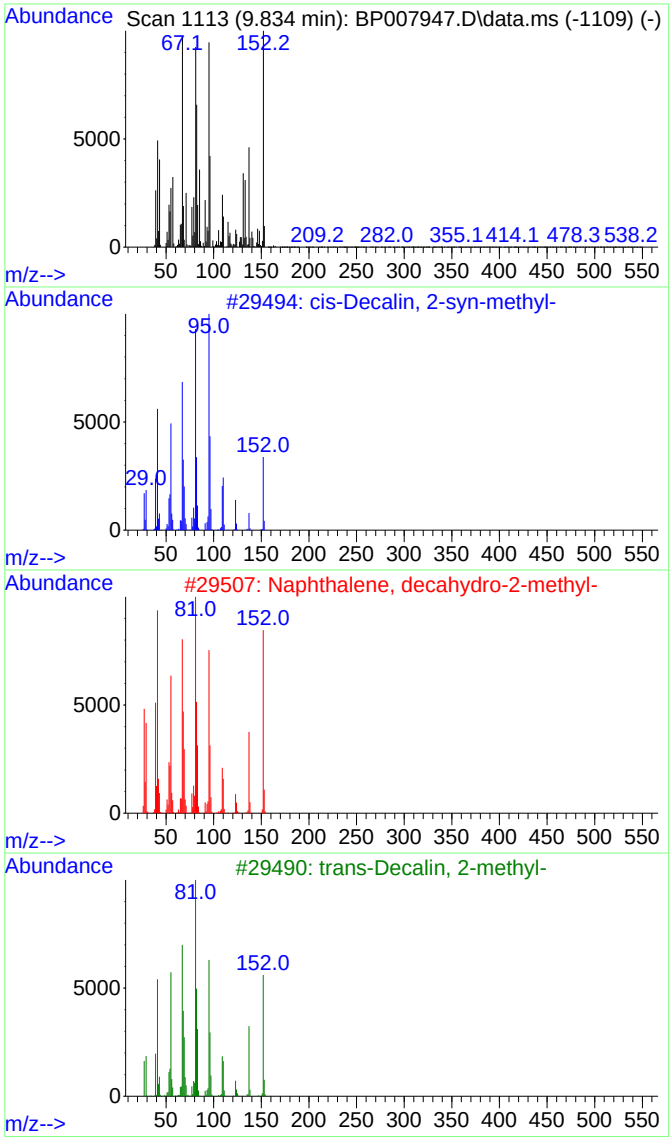
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

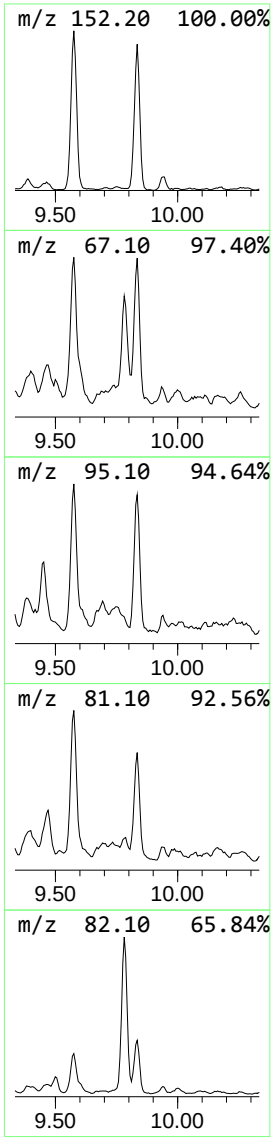
****

Peak Number 14 cis-Decalin, 2-syn-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.834	19.66 ng	1793140	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	74
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	74
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	70
4	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	58
5	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-01-6	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007947.D
Acq On : 11 Nov 2021 16:06
Operator : CG/JU
Sample : M4630-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

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

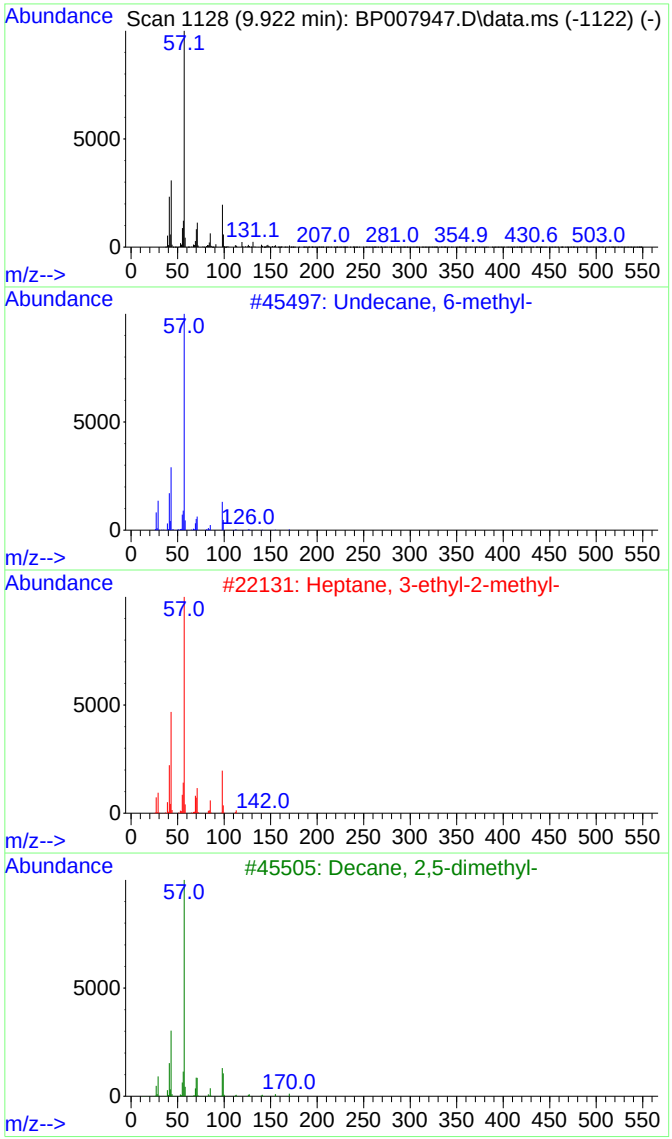
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

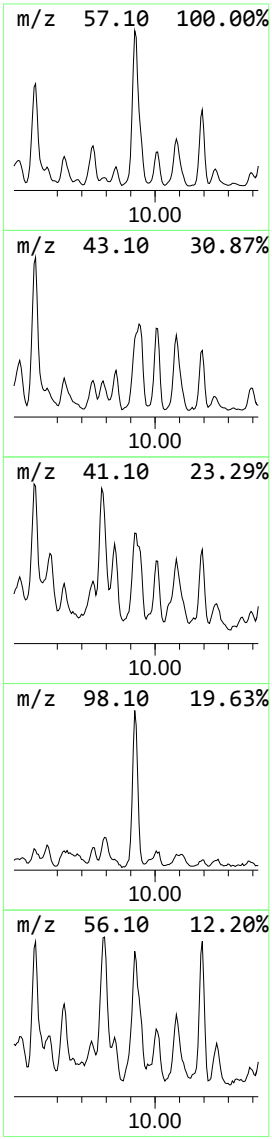
****

Peak Number 15 Undecane, 6-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.922	20.51 ng	1870890	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6-methyl-	170	C12H26	017302-33-9	83
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
3	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	64
4	Heptane, 4-propyl-	142	C10H22	003178-29-8	59
5	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007947.D
Acq On : 11 Nov 2021 16:06
Operator : CG/JU
Sample : M4630-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

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

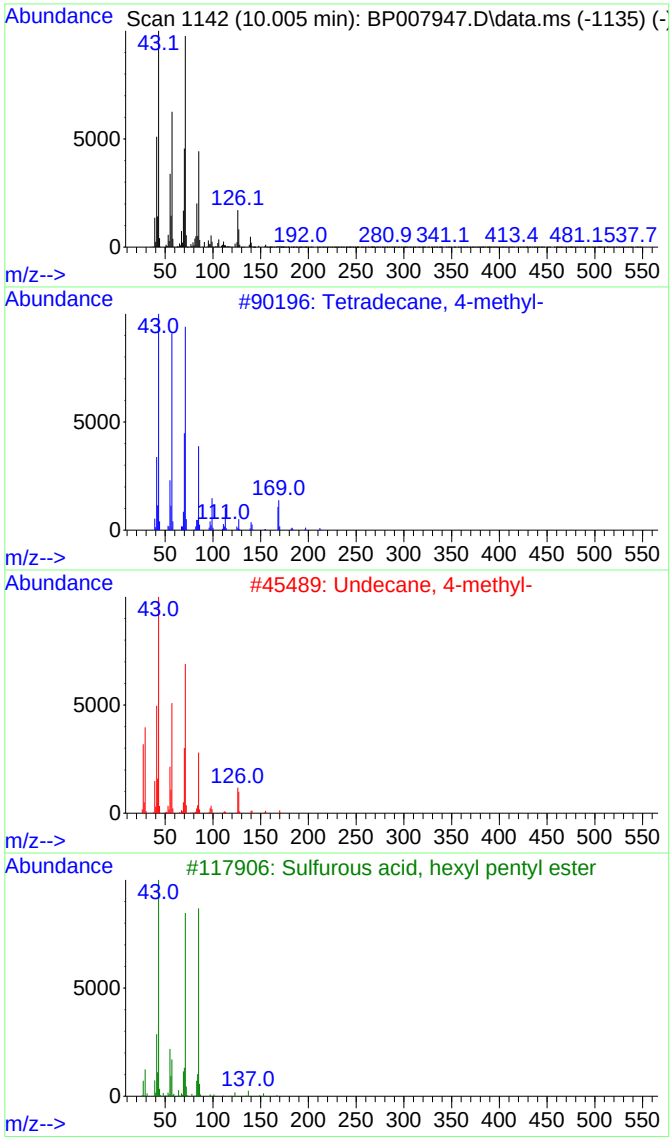
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

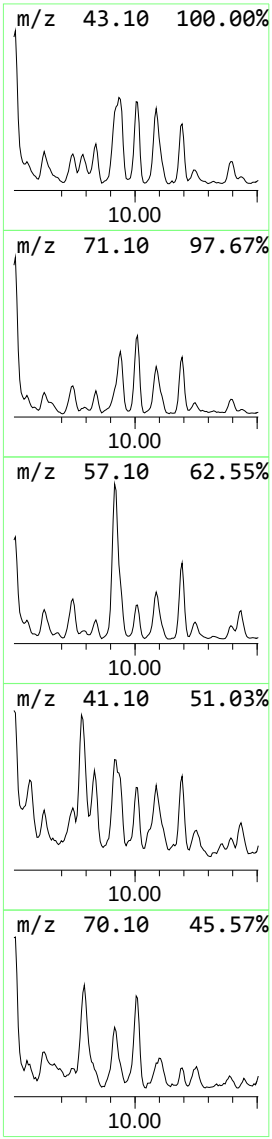
****

Peak Number 16 Tetradecane, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.005	9.63 ng	878844	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	74
2	Undecane, 4-methyl-	170	C12H26	002980-69-0	72
3	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	52
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	46
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007947.D
Acq On : 11 Nov 2021 16:06
Operator : CG/JU
Sample : M4630-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

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

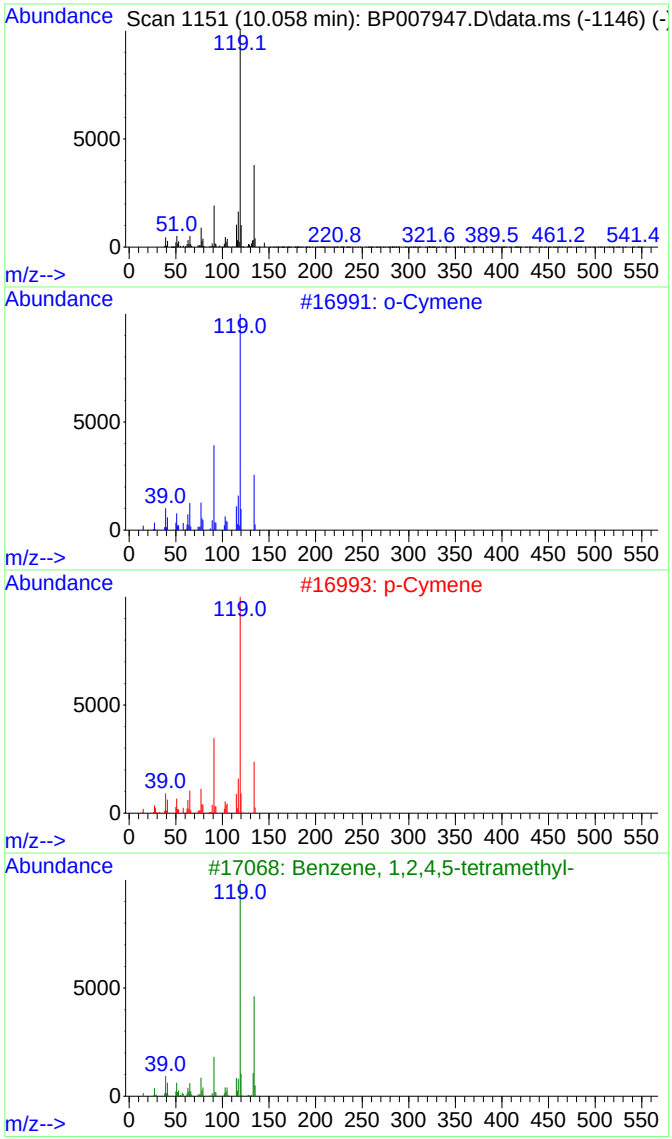
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

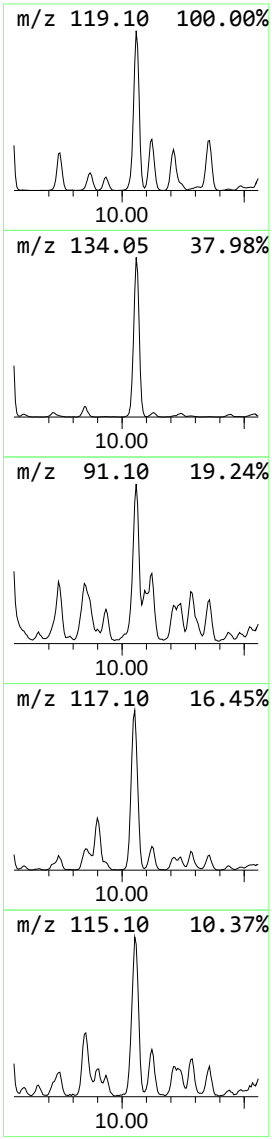
****

Peak Number 17 o-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.058	20.45 ng	1865100	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	p-Cymene	134	C10H14	000099-87-6	91
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007947.D
Acq On : 11 Nov 2021 16:06
Operator : CG/JU
Sample : M4630-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

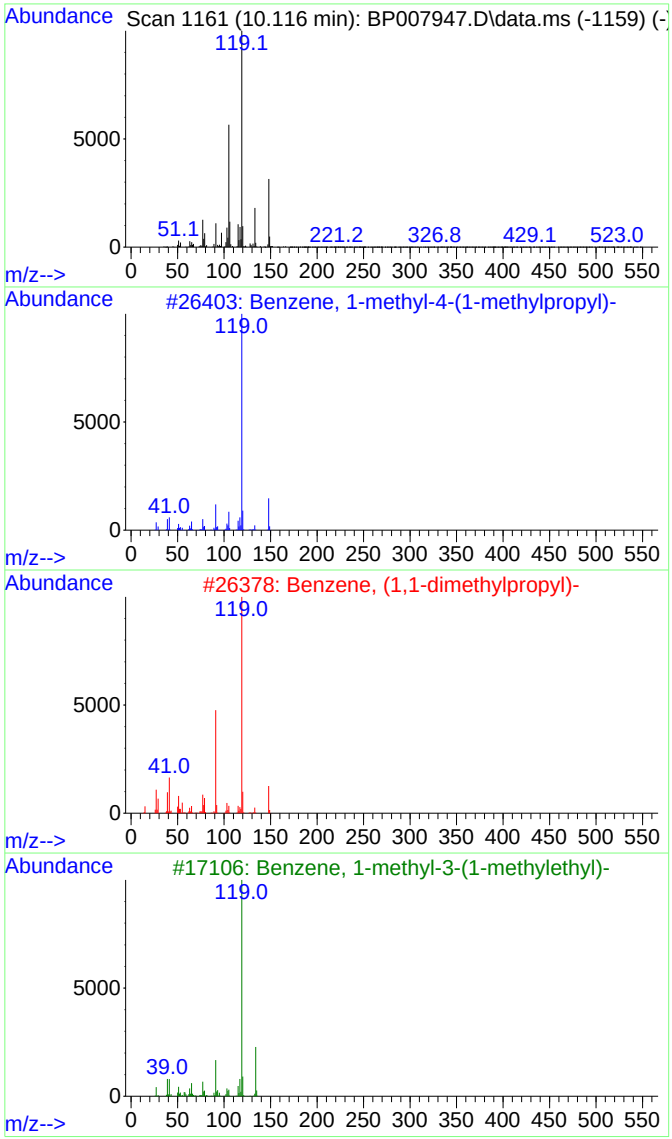
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

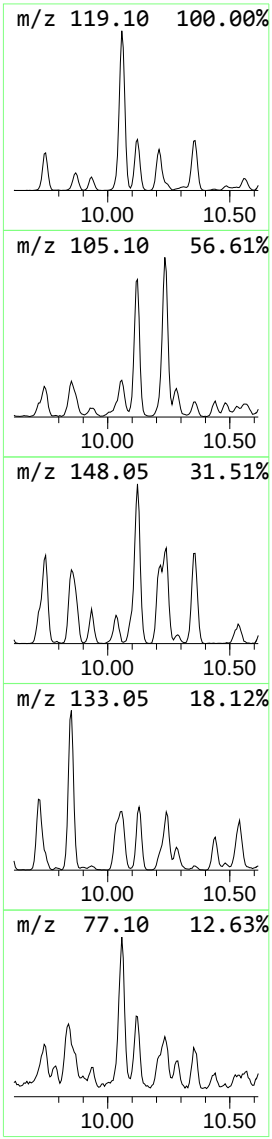
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1-methyl-4-(1-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.116	7.49 ng	683404	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	72
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	59
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	58
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 : BP007947.D
Acq On : 11 Nov 2021 16:06
Operator : CG/JU
Sample : M4630-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

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

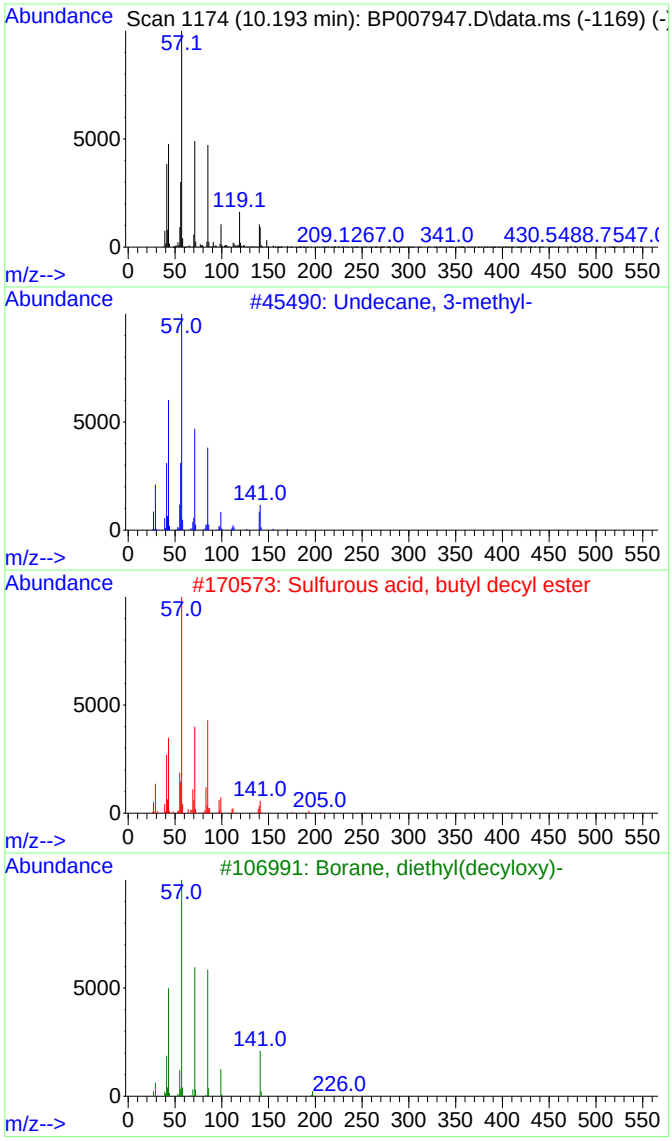
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

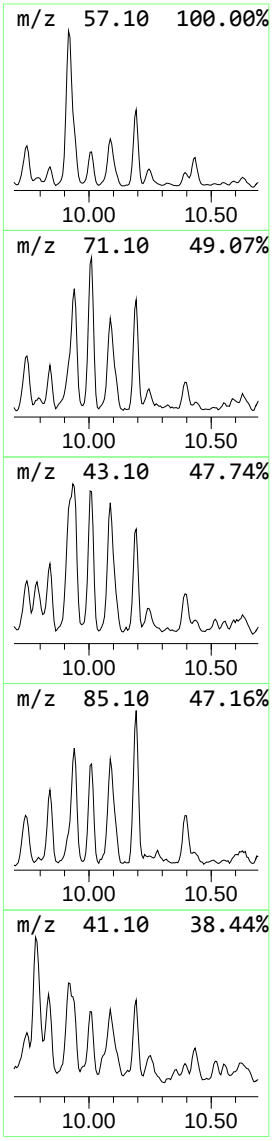
****

Peak Number 19 Undecane, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.193	9.08 ng	828122	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	87
2	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	64
3	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	59
4	5-Ethyldecane	170	C12H26	017302-36-2	53
5	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007947.D
Acq On : 11 Nov 2021 16:06
Operator : CG/JU
Sample : M4630-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

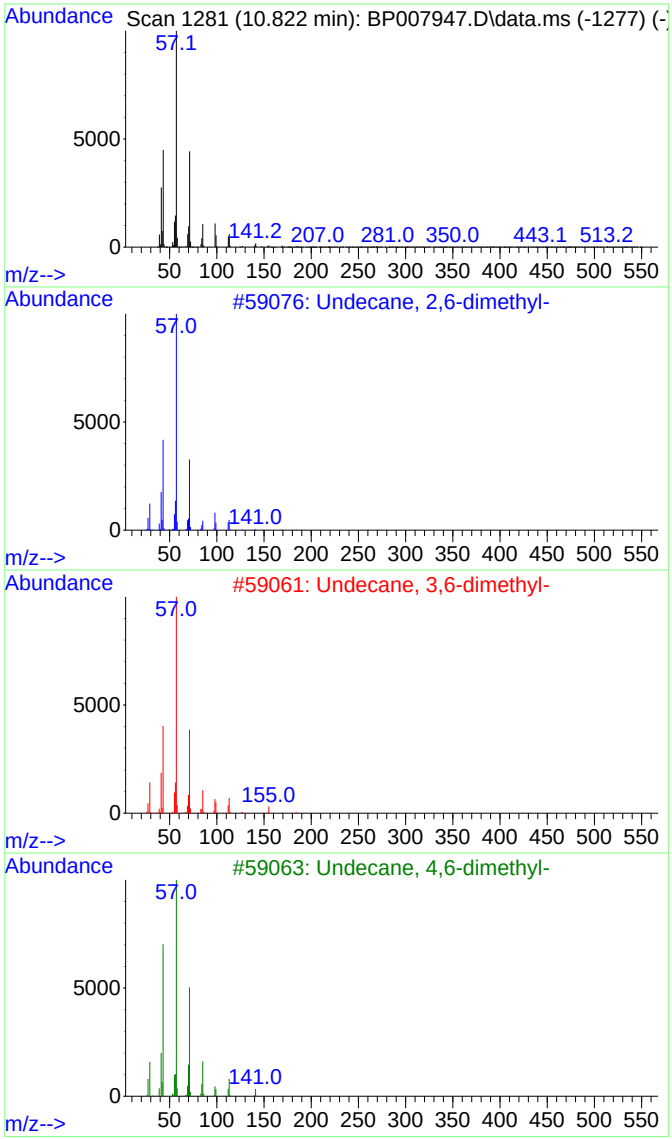
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

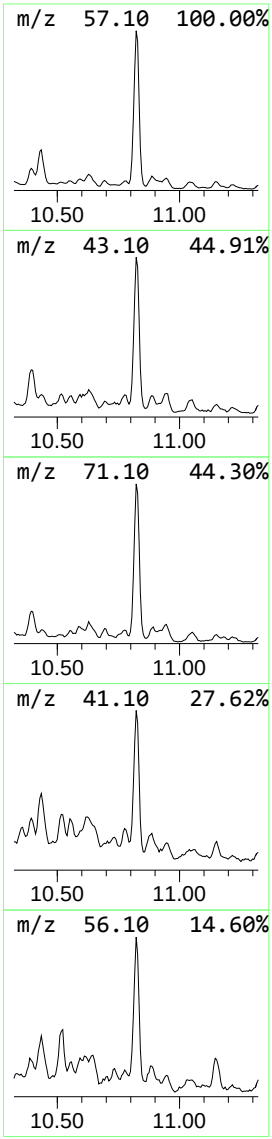
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Undecane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.822	11.00 ng	1003430	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, 3,6-dimethyl-	184	C13H28	017301-28-9	91
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	90
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	87
5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007947.D
Acq On : 11 Nov 2021 16:06
Operator : CG/JU
Sample : M4630-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclohexane, 1-...	6.134	8.7	ng	3439240	1	7.852	7927200	20.0
unknown6.346	6.346	7.5	ng	2973700	1	7.852	7927200	20.0
Octane, 2,6-dim...	6.417	10.0	ng	3969680	1	7.852	7927200	20.0
Cyclohexane, pr...	6.493	11.2	ng	4453050	1	7.852	7927200	20.0
Undecane, 5,6-d...	6.758	7.1	ng	2800650	1	7.852	7927200	20.0
Nonane, 4-methyl-	6.852	10.2	ng	4037120	1	7.852	7927200	20.0
Cyclohexane, bu...	8.146	13.5	ng	5333880	1	7.852	7927200	20.0
Decane, 5-methyl-	8.393	9.8	ng	3900390	1	7.852	7927200	20.0
Benzene, 1-ethy...	9.293	16.9	ng	1542980	2	10.646	1824440	20.0
Dodecane, 5-met...	9.346	19.1	ng	1746880	2	10.646	1824440	20.0
Decane, 3,7-dim...	9.505	16.6	ng	1514650	2	10.646	1824440	20.0
unknown9.740	9.740	9.1	ng	827215	2	10.646	1824440	20.0
Cyclohexane, pe...	9.787	20.5	ng	1867450	2	10.646	1824440	20.0
cis-Decalin, 2-...	9.834	19.7	ng	1793140	2	10.646	1824440	20.0
Undecane, 6-met...	9.922	20.5	ng	1870890	2	10.646	1824440	20.0
Tetradecane, 4-...	10.005	9.6	ng	878844	2	10.646	1824440	20.0
o-Cymene	10.058	20.4	ng	1865100	2	10.646	1824440	20.0
Benzene, 1-meth...	10.116	7.5	ng	683404	2	10.646	1824440	20.0
Undecane, 3-met...	10.193	9.1	ng	828122	2	10.646	1824440	20.0
Undecane, 2,6-d...	10.822	11.0	ng	1003430	2	10.646	1824440	20.0