LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
Data File : BG052444.D
Acq On : 21 Feb 2022 19:23
Operator : CG/JU
Sample : N1600-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA1

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_G\Methods\8270-BG020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG052444.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.757	379	386	393	rBV	508348	835981	26.33%	1.013%
2	6.204	456	462	470	rVB2	203032	347112	10.93%	0.420%
3	6.844	566	571	581	rVB4	96289	227638	7.17%	0.276%
4	7.197	626	631	636	rVV2	124554	216762	6.83%	0.263%
5	7.296	644	648	653	rVV2	118233	193963	6.11%	0.235%
6	7.367	653	660	667	rVV	604156	1158317	36.48%	1.403%
7	7.837	734	740	743	rBV	453175	704321	22.18%	0.853%
8	7.866	743	745	750	rVB	156768	194019	6.11%	0.235%
9	8.195	795	801	804	rBV	211862	350108	11.03%	0.424%
10	8.518	852	856	862	rVB2	118607	196279	6.18%	0.238%
11	8.753	886	896	898	rBV4	160199	329524	10.38%	0.399%
12	8.812	903	906	911	rVB2	149309	219366	6.91%	0.266%
13	8.877	911	917	923	rBV4	253533	546701	17.22%	0.662%
14	8.994	930	937	941	rBV	170388	338251	10.65%	0.410%
15	9.241	974	979	986	rVB3	110721	247220	7.79%	0.299%
16	9.347	986	997	1001	rBV2	266166	647599	20.39%	0.784%
17	9.394	1001	1005	1010	rVV	327638	661298	20.82%	0.801%
18	9.458	1010	1016	1022	rVV	874736	1531150	48.22%	1.855%
19	9.599	1028	1040	1048	rBV7	217611	705926	22.23%	0.855%
20	9.717	1048	1060	1068	rBV9	151798	563526	17.75%	0.683%
21	9.811	1068	1076	1082	rVV9	98555	275581	8.68%	0.334%
22	9.881	1082	1088	1093	rVV3	204017	398073	12.54%	0.482%
23	9.934	1093	1097	1100	rVV	141164	256138	8.07%	0.310%
24	9.975	1100	1104	1115	rVB3	269930	570781	17.97%	0.691%
25	10.128	1121	1130	1134	rBV5	118237	347553	10.94%	0.421%
26	10.175	1134	1138	1143	rVV3	235670	390855	12.31%	0.473%
27	10.240	1143	1149	1155	rVV4	276003	549088	17.29%	0.665%
28	10.298	1155	1159	1170	rVB5	186305	515146	16.22%	0.624%
29	10.392	1170	1175	1180	rBV3	234566	401360	12.64%	0.486%
30	10.463	1180	1187	1192	rBV4	367162	745427	23.47%	0.903%
31	10.516	1193	1196	1200	rVB3	141882	199383	6.28%	0.242%
32	10.574	1200	1206	1210	rBV2	208714	376188	11.85%	0.456%
33	10.633	1212	1216	1222	rVB3	117204	199336	6.28%	0.241%
34	10.692	1222	1226	1232	rVB2	181885	321043	10.11%	0.389%
35	10.756	1232	1237	1245	rBV5	125237	350252	11.03%	0.424%
36	10.839	1246	1251	1260	rBV9	140490	332296	10.46%	0.403%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
Data File : BG052444.D
Acq On : 21 Feb 2022 19:23
Operator : CG/JU
Sample : N1600-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA1

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_G\Methods\8270-BG020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.021	1276	1282	1289	rBV2	1240017	2259866	71.16%	2.738%
38	11.209	1310	1314	1320	rVB	633084	1082298	34.08%	1.311%
39	11.279	1320	1326	1332	rBV5	225074	500981	15.78%	0.607%
40	11.538	1365	1370	1378	rVB4	225136	603724	19.01%	0.731%
41	11.643	1385	1388	1396	rVV6	117711	240390	7.57%	0.291%
42	11.761	1398	1408	1414	rVV5	454051	1237536	38.97%	1.499%
43	11.814	1414	1417	1425	rVB4	145363	367380	11.57%	0.445%
44	11.890	1425	1430	1437	rBV4	400807	738054	23.24%	0.894%
45	11.967	1438	1443	1450	rBV4	428165	874094	27.53%	1.059%
46	12.072	1455	1461	1465	rVV	678363	1203503	37.90%	1.458%
47	12.113	1465	1468	1472	rVV3	248556	403915	12.72%	0.489%
48	12.166	1473	1477	1482	rVB2	216927	376863	11.87%	0.457%
49	12.249	1486	1491	1498	rVB3	452220	818429	25.77%	0.991%
50	12.460	1520	1527	1534	rBV	1697950	2786866	87.76%	3.376%
51	12.601	1548	1551	1556	rVB3	238931	307490	9.68%	0.372%
52	12.677	1561	1564	1572	rVB5	346350	507904	15.99%	0.615%
53	12.959	1608	1612	1617	rVB2	425888	657433	20.70%	0.796%
54	13.089	1629	1634	1637	rBV3	322453	485869	15.30%	0.589%
55	13.188	1648	1651	1654	rBV	169235	223199	7.03%	0.270%
56	13.259	1660	1663	1669	rVB2	452361	689610	21.72%	0.835%
57	13.347	1674	1678	1681	rVV	316384	480323	15.13%	0.582%
58	13.400	1683	1687	1695	rVV2	821981	1469550	46.28%	1.780%
59	13.494	1699	1703	1709	rVB2	697655	1148099	36.15%	1.391%
60	13.582	1714	1718	1724	rVB5	215403	384304	12.10%	0.466%
61	13.688	1730	1736	1744	rVB	2012276	3175581	100.00%	3.847%
62	13.817	1755	1758	1762	rVB	359329	482272	15.19%	0.584%
63	14.152	1811	1815	1820	rBV4	288209	624993	19.68%	0.757%
64	14.205	1820	1824	1828	rVV5	374291	693237	21.83%	0.840%
65	14.246	1828	1831	1836	rVB4	436561	643912	20.28%	0.780%
66	14.340	1844	1847	1850	rVB2	1067449	1293179	40.72%	1.567%
67	14.381	1850	1854	1860	rVV2	655324	970260	30.55%	1.175%
68	14.451	1862	1866	1871	rVB3	597524	891355	28.07%	1.080%
69	14.757	1913	1918	1922	rBV	2126580	2846178	89.63%	3.448%
70	14.827	1926	1930	1933	rBV4	339286	625343	19.69%	0.758%
71	15.192	1988	1992	1994	rBV3	326005	512248	16.13%	0.621%
72	15.368	2018	2022	2029	rVB4	538899	1092312	34.40%	1.323%
73	15.432	2030	2033	2038	rVB	396293	496230	15.63%	0.601%
74	15.491	2039	2043	2048	rBV6	308445	708205	22.30%	0.858%
75	15.667	2070	2073	2074	rBV2	222505	249817	7.87%	0.303%
76	15.703	2074	2079	2083	rVB	2297082	3092141	97.37%	3.746%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
Data File : BG052444.D
Acq On : 21 Feb 2022 19:23
Operator : CG/JU
Sample : N1600-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA1

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_G\Methods\8270-BG020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.808	2093	2097	2105	rVB4	316651	782149	24.63%	0.947%
78	16.108	2141	2148	2152	rBV	1083935	1984668	62.50%	2.404%
79	16.255	2170	2173	2180	rVB3	249287	456911	14.39%	0.553%
80	16.320	2181	2184	2188	rBV2	438195	525033	16.53%	0.636%
81	16.361	2188	2191	2196	rVV	453068	588042	18.52%	0.712%
82	16.566	2221	2226	2228	rBV	2154727	3134239	98.70%	3.797%
83	16.590	2228	2230	2234	rVB	1592897	1764823	55.57%	2.138%
84	16.901	2280	2283	2287	rBV	303212	416800	13.13%	0.505%
85	16.966	2291	2294	2300	rVB3	495654	752842	23.71%	0.912%
86	17.359	2356	2361	2364	rBV	1955803	2425366	76.38%	2.938%
87	17.412	2365	2370	2374	rVV	1175895	1659109	52.25%	2.010%
88	17.829	2438	2441	2448	rVB2	385011	582387	18.34%	0.705%
89	17.894	2449	2452	2459	rVV2	323096	570272	17.96%	0.691%
90	18.099	2483	2487	2493	rVB	1890763	2397974	75.51%	2.905%
91	18.781	2599	2603	2608	rVB	1622603	1990218	62.67%	2.411%
92	19.233	2678	2680	2685	rVB	321835	384479	12.11%	0.466%
93	19.404	2705	2709	2714	rBV	1475741	1756731	55.32%	2.128%
94	19.973	2802	2806	2811	rVB	1098839	1269126	39.97%	1.537%
95	20.214	2843	2847	2854	rVB	1283916	1695314	53.39%	2.054%
96	20.502	2892	2896	2900	rVB	760533	877904	27.65%	1.063%
97	21.001	2977	2981	2985	rVB	408962	478806	15.08%	0.580%
98	21.530	3068	3071	3076	rVB	227790	288050	9.07%	0.349%
99	21.935	3135	3140	3150	rVB2	281711	515190	16.22%	0.624%
100	25.401	3718	3730	3743	rVB2	179656	566646	17.84%	0.686%

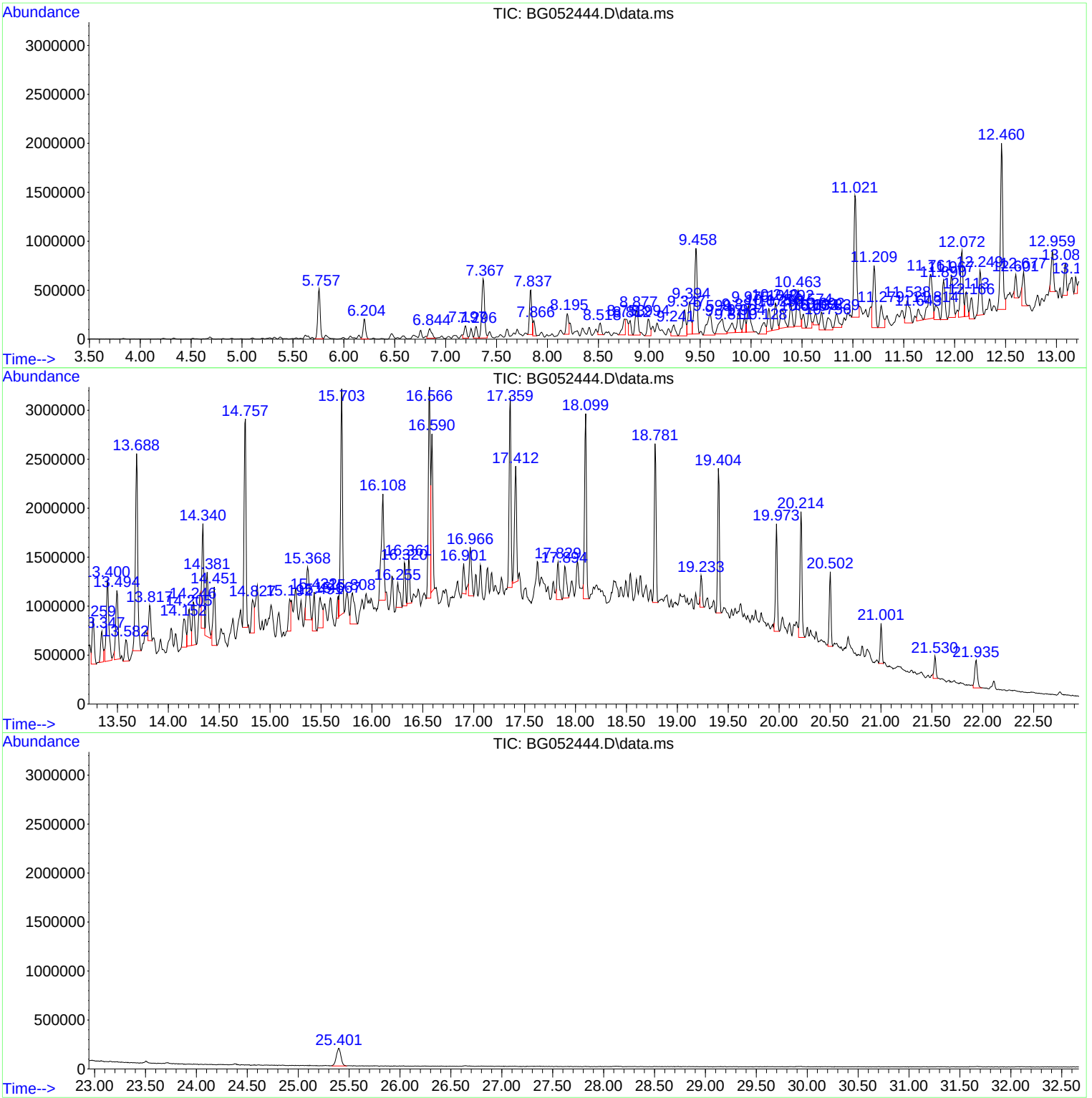
Sum of corrected areas: 82551583

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
Data File : BG052444.D
Acq On : 21 Feb 2022 19:23
Operator : CG/JU
Sample : N1600-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.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_G\Data\BG022122\
Data File : BG052444.D
Acq On : 21 Feb 2022 19:23
Operator : CG/JU
Sample : N1600-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

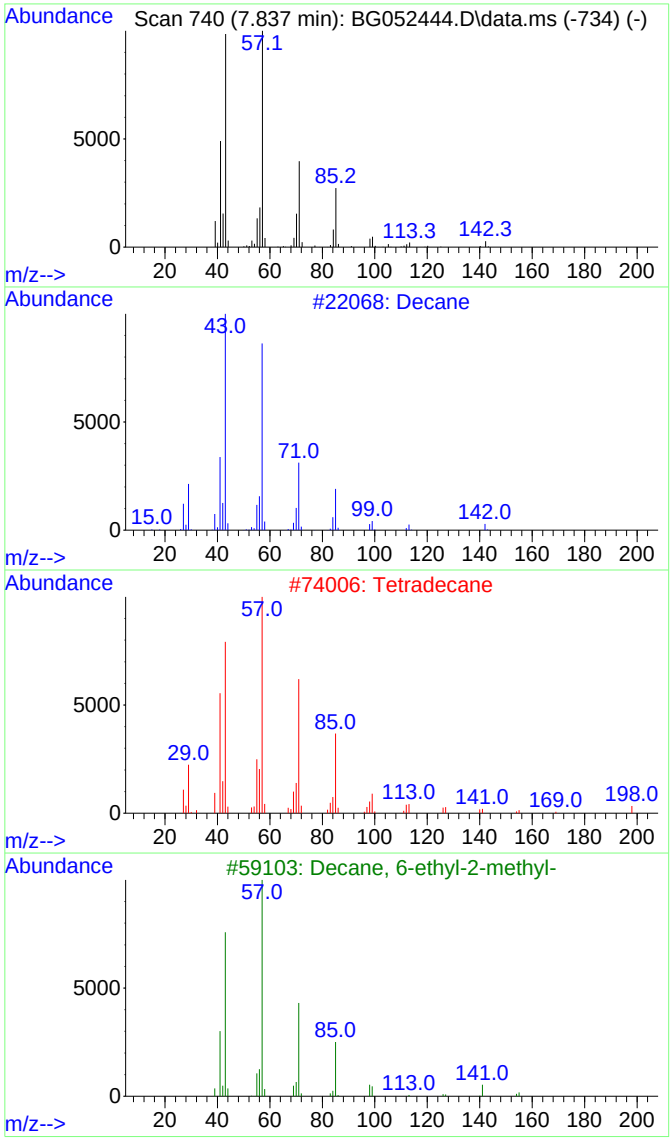
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

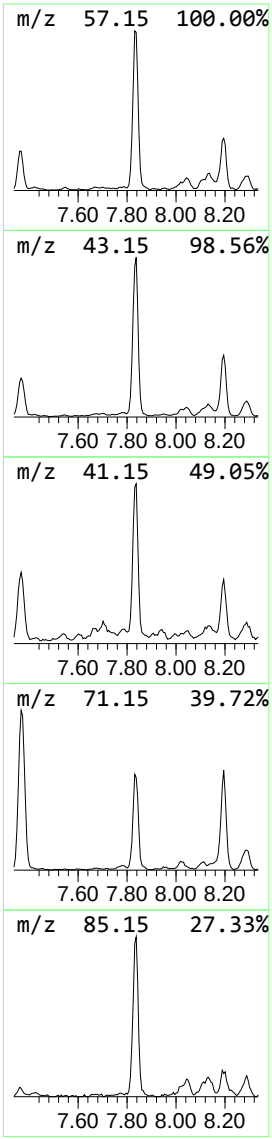
****

Peak Number 1 Decane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.837	40.23 ng	704321	1,4-Dichlorobenzene-d4	8.225

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	91
2	Tetradecane	198	C14H30	000629-59-4	83
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78
4	Undecane	156	C11H24	001120-21-4	78
5	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
Data File : BG052444.D
Acq On : 21 Feb 2022 19:23
Operator : CG/JU
Sample : N1600-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA1

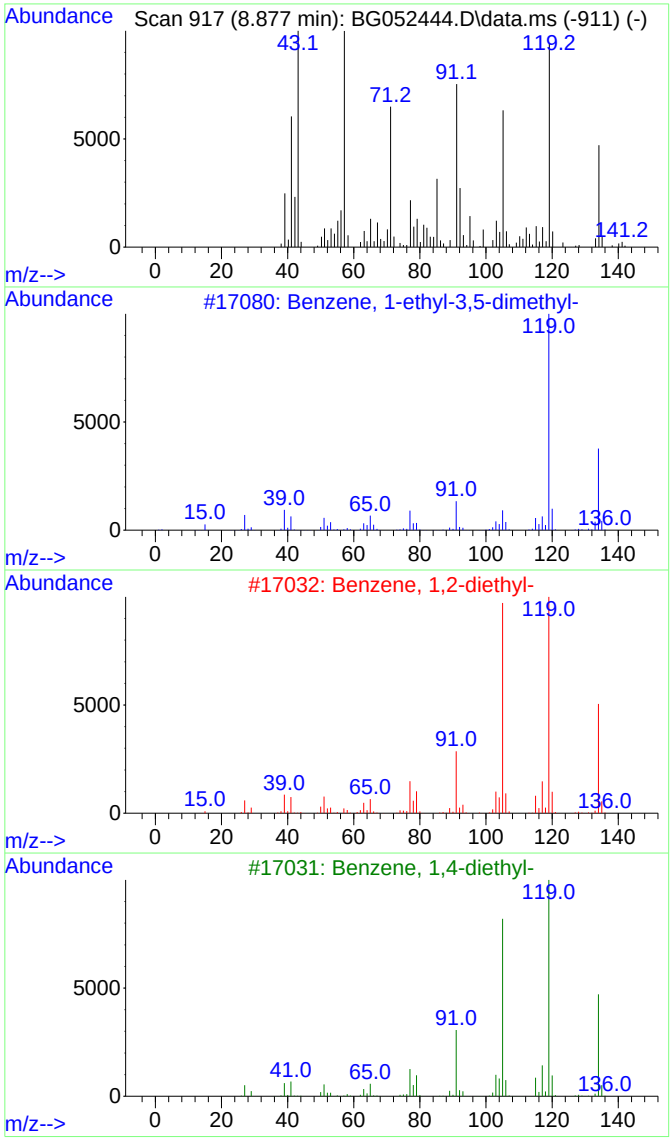
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

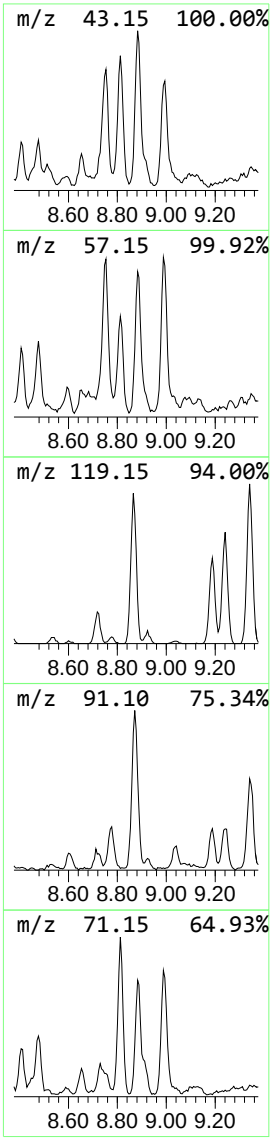
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.877	31.23 ng	546701	1,4-Dichlorobenzene-d4	8.225

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	86
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	78
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
Data File : BG052444.D
Acq On : 21 Feb 2022 19:23
Operator : CG/JU
Sample : N1600-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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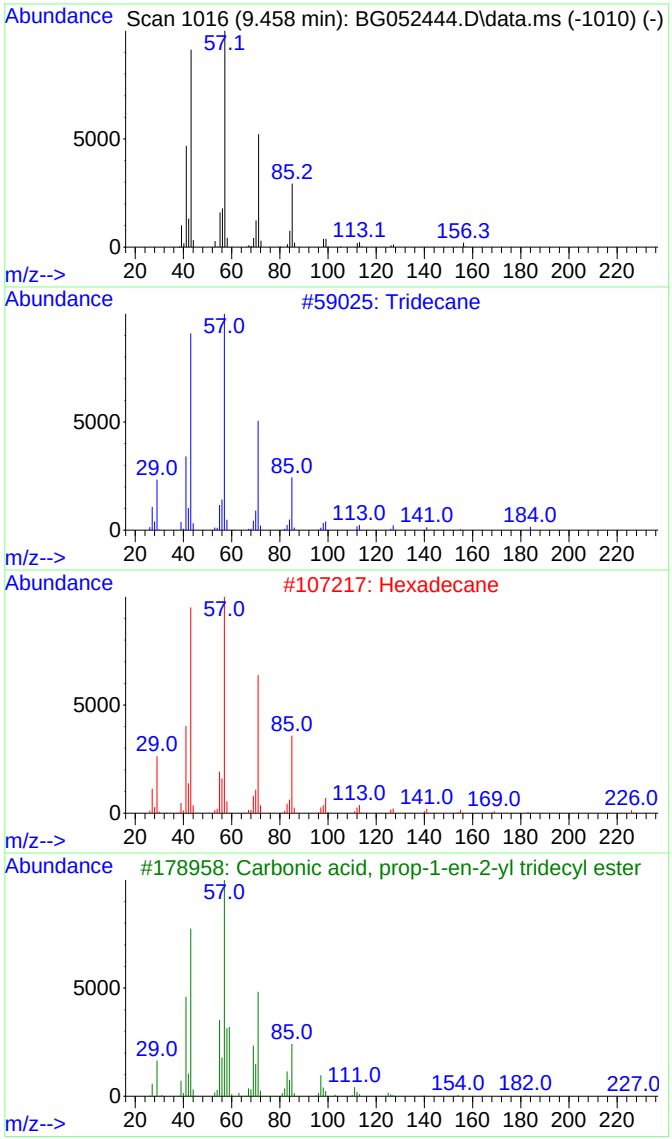
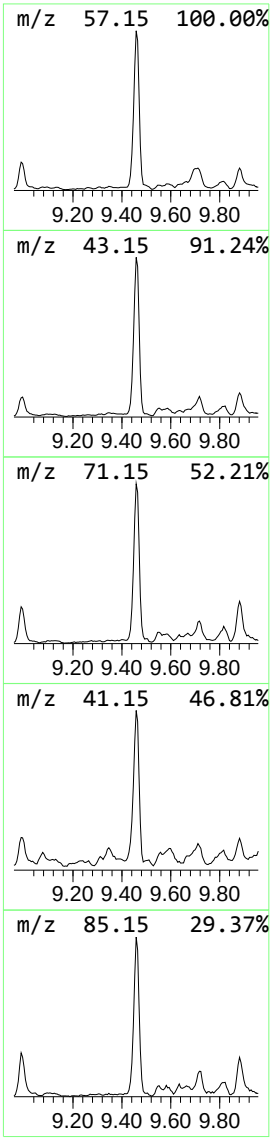
Peak Number 3 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.458	87.47 ng	1531150	1,4-Dichlorobenzene-d4	8.225

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	Hexadecane	226	C16H34	000544-76-3	83
3	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	83
4	Undecane	156	C11H24	001120-21-4	76
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
Data File : BG052444.D
Acq On : 21 Feb 2022 19:23
Operator : CG/JU
Sample : N1600-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

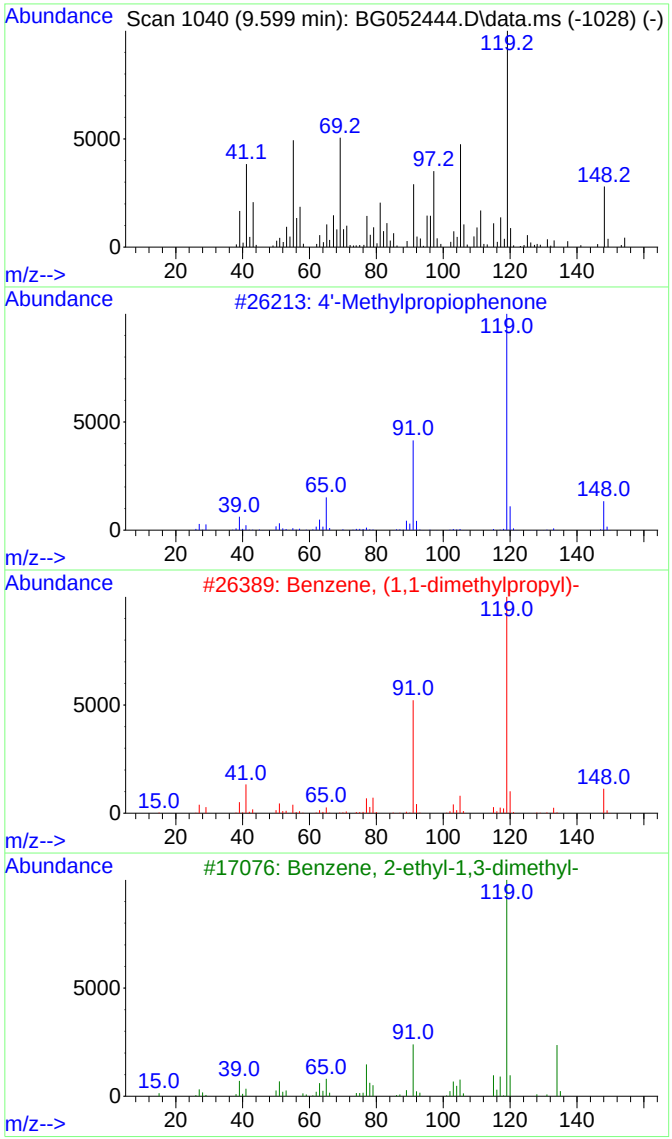
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

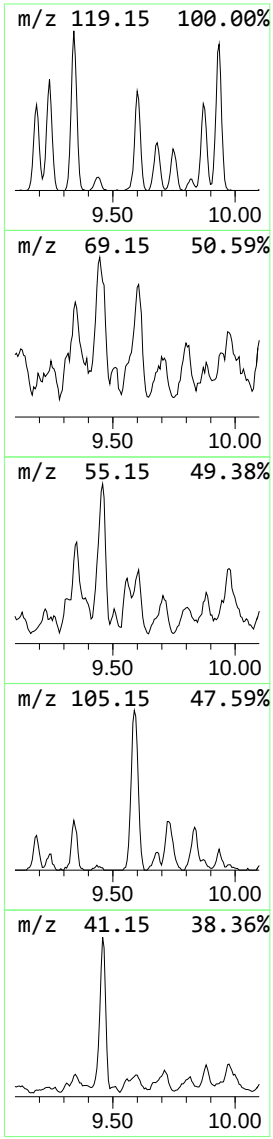
****

Peak Number 4 4'-Methylpropiophenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.599	40.33 ng	705926	1,4-Dichlorobenzene-d4	8.225

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4'-Methylpropiophenone	148	C10H12O	005337-93-9	55
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	46
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	43
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	43
5	1(3H)-Isobenzofuranone, 5-methyl-	148	C9H8O2	054120-64-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
Data File : BG052444.D
Acq On : 21 Feb 2022 19:23
Operator : CG/JU
Sample : N1600-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

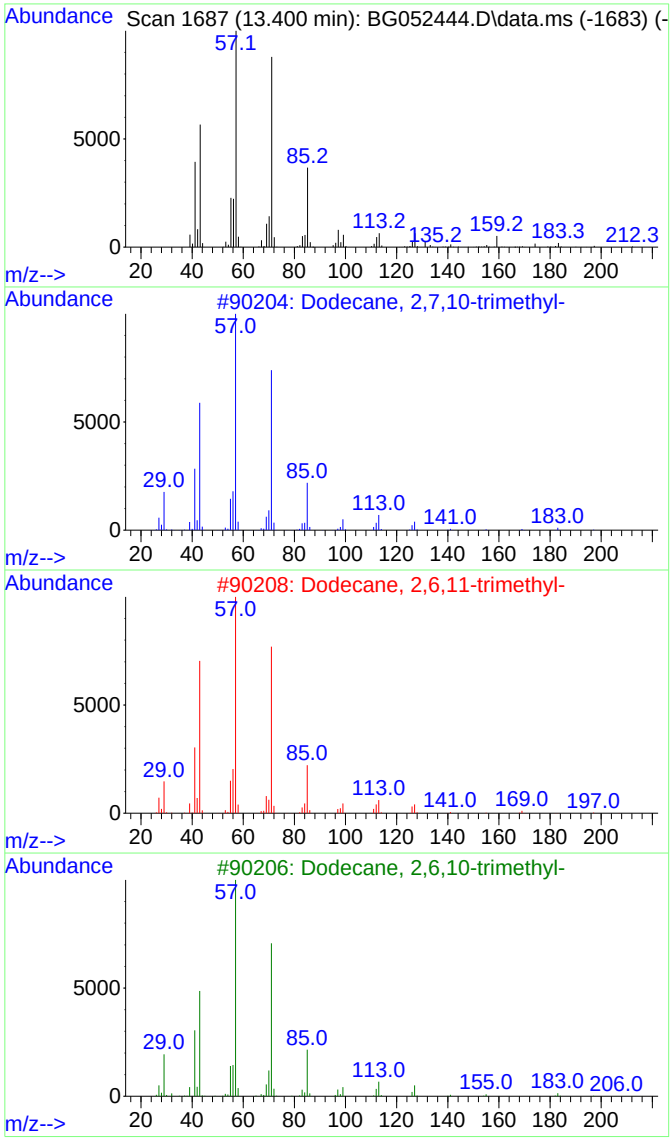
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

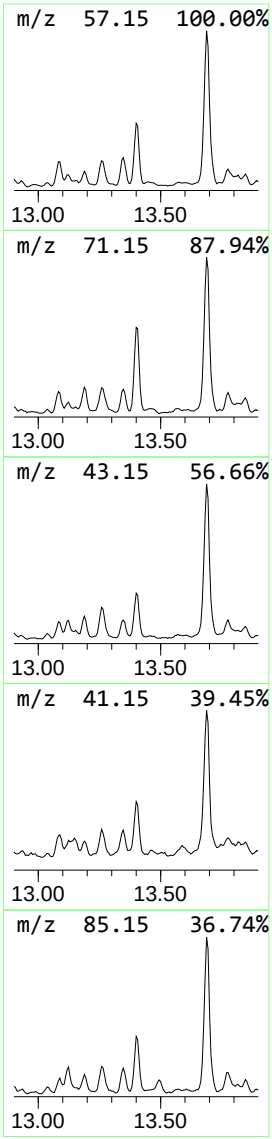
****

Peak Number 5 Dodecane, 2,7,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.400	47.00 ng	1469550	Acenaphthene-d10	14.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
4	Decane, 5-propyl-	184	C13H28	017312-62-8	74
5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	58





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Acq On : 21 Feb 2022 19:23
Operator : CG/JU
Sample : N1600-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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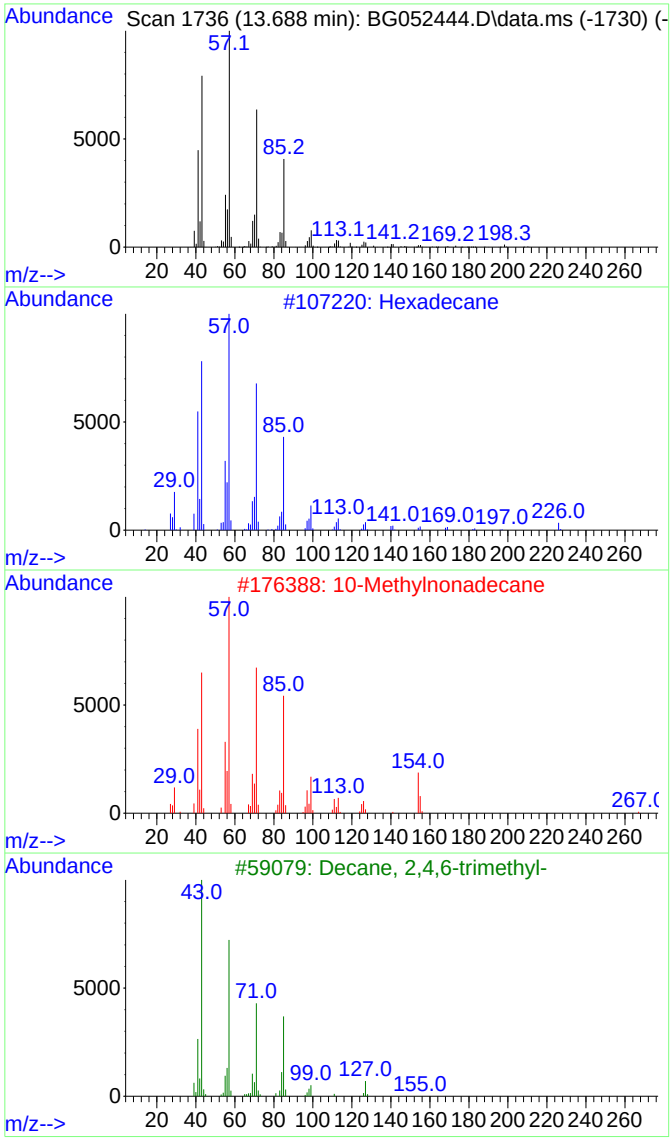
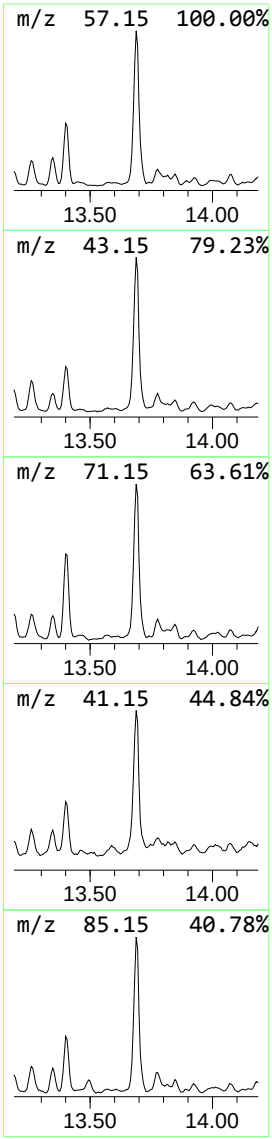
Peak Number 6 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.688	101.56 ng	3175580	Acenaphthene-d10	14.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	10-Methylnonadecane	282	C20H42	056862-62-5	90
3	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	90
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
5	Tetradecane	198	C14H30	000629-59-4	90





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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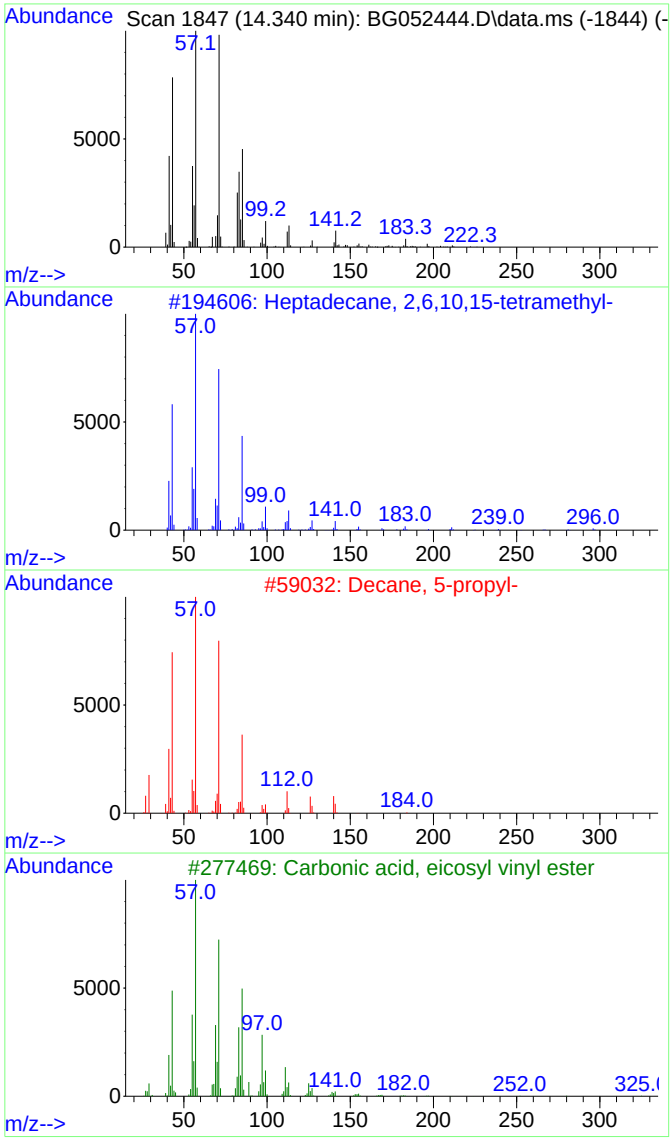
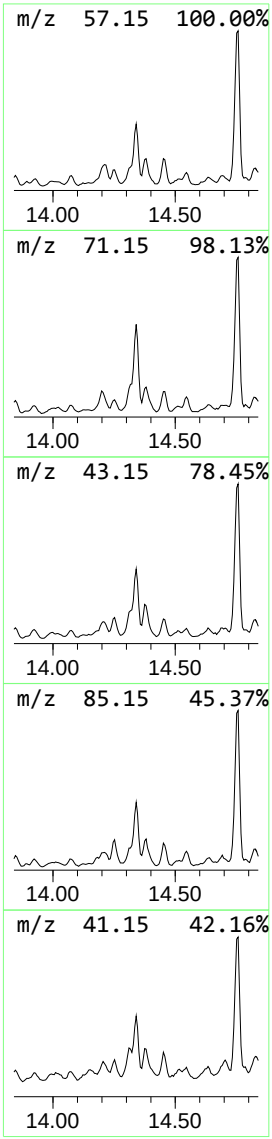
Peak Number 7 Heptadecane, 2,6,10,15-tetr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.340	41.36 ng	1293180	Acenaphthene-d10	14.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
2	Decane, 5-propyl-	184	C13H28	017312-62-8	62
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	58
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	53
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	52





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA1

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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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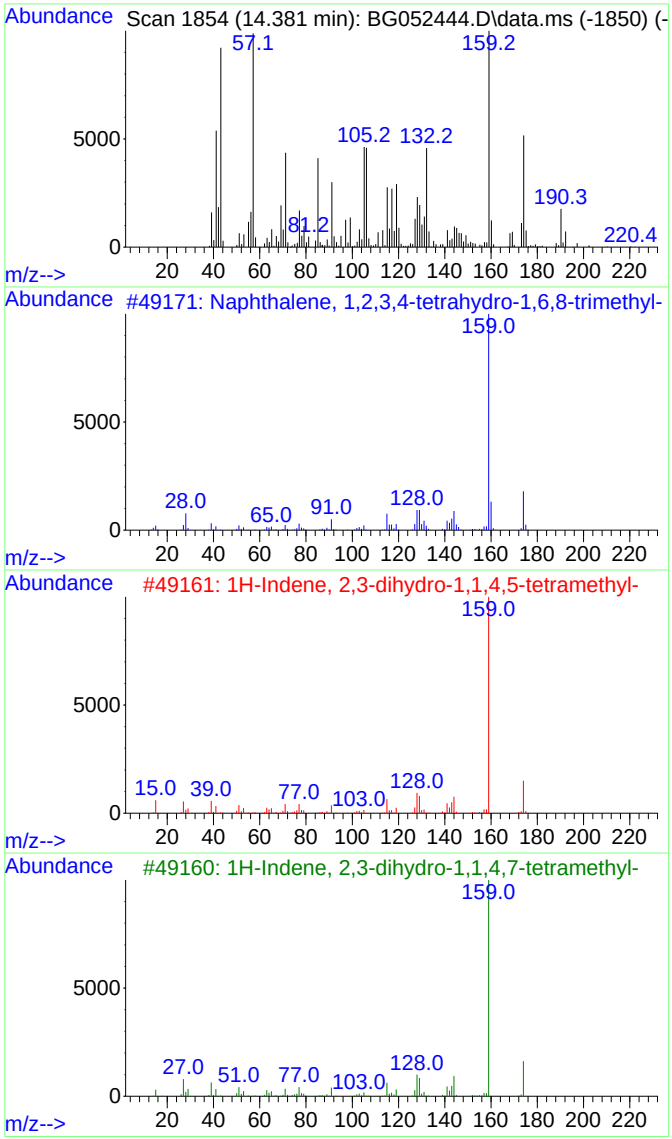
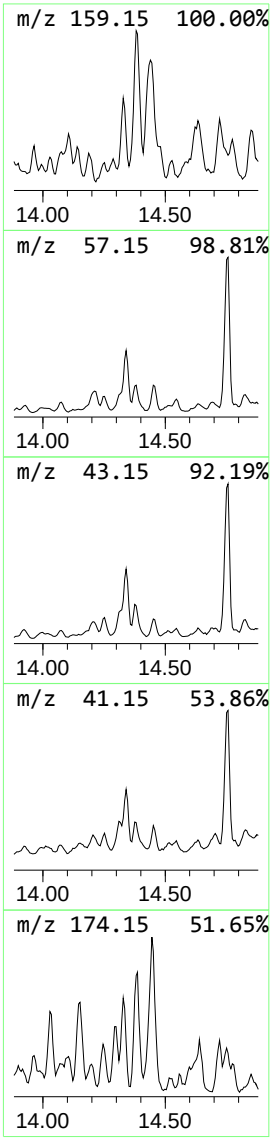
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.381	31.03 ng	970260	Acenaphthene-d10	14.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	87
2	1H-Indene, 2,3-dihydro-1,1,4,5-t...	174	C13H18	016204-57-2	86
3	1H-Indene, 2,3-dihydro-1,1,4,7-t...	174	C13H18	001078-04-2	83
4	1H-Indene, 2,3-dihydro-1,1,4,6-t...	174	C13H18	000941-60-6	83
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	022824-32-4	70





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Operator : CG/JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C0AA1

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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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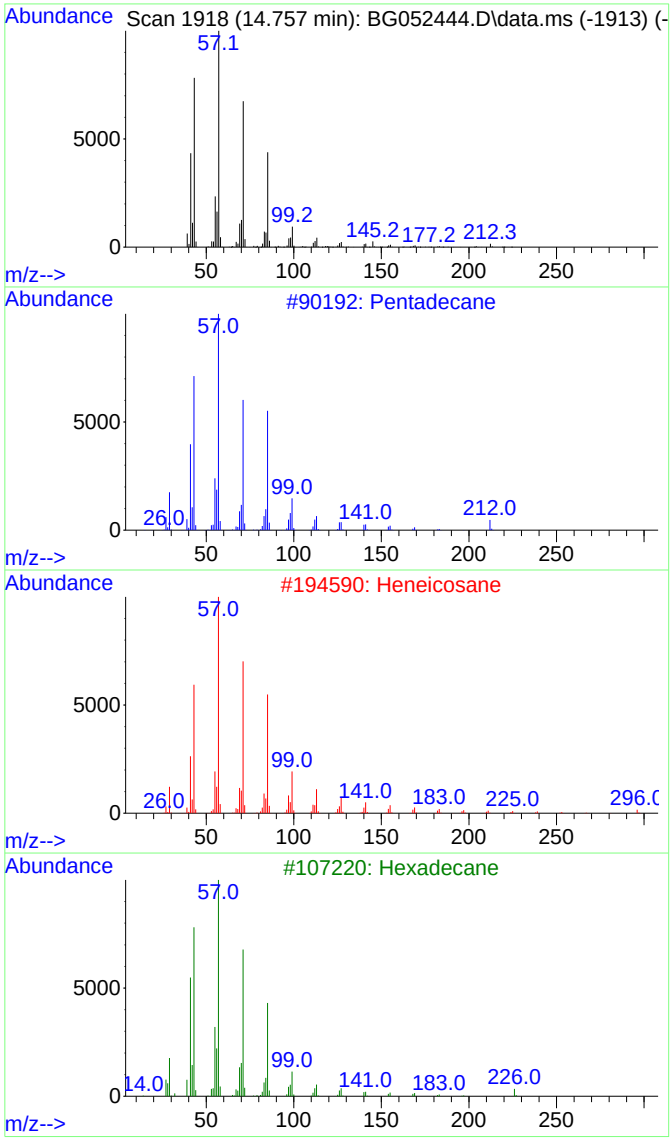
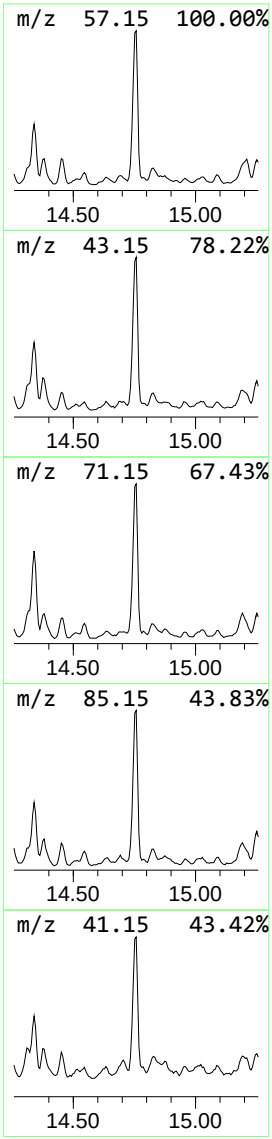
Peak Number 9 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.757	91.03 ng	2846180	Acenaphthene-d10	14.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetradecane	198	C14H30	000629-59-4	86
5	Nonadecane	268	C19H40	000629-92-5	86





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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

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

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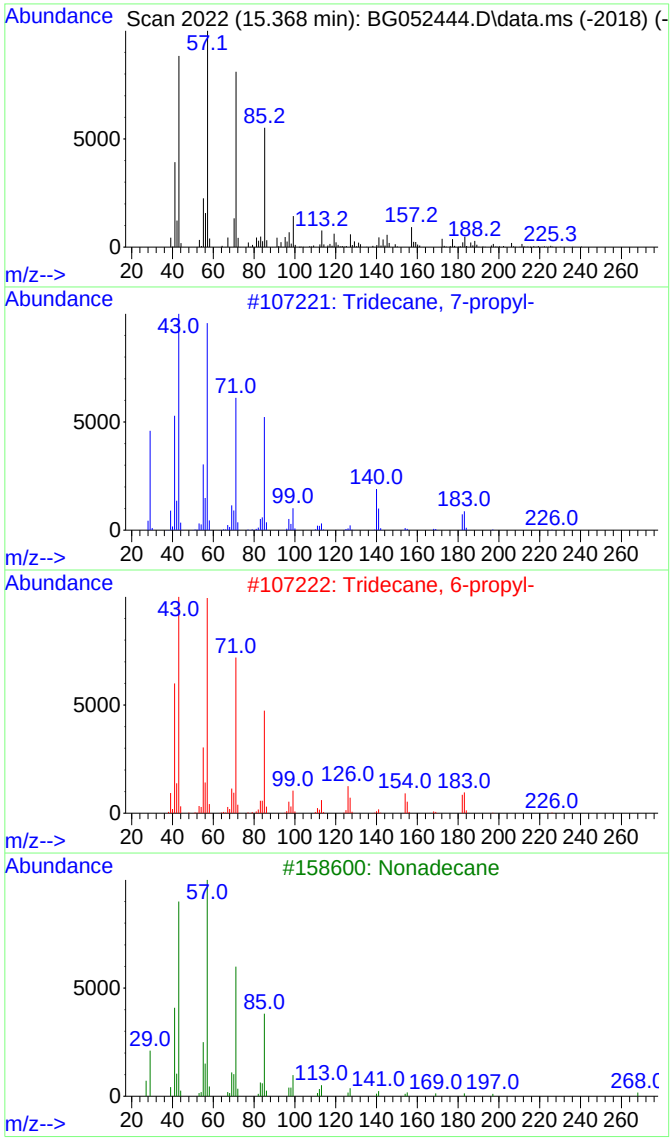
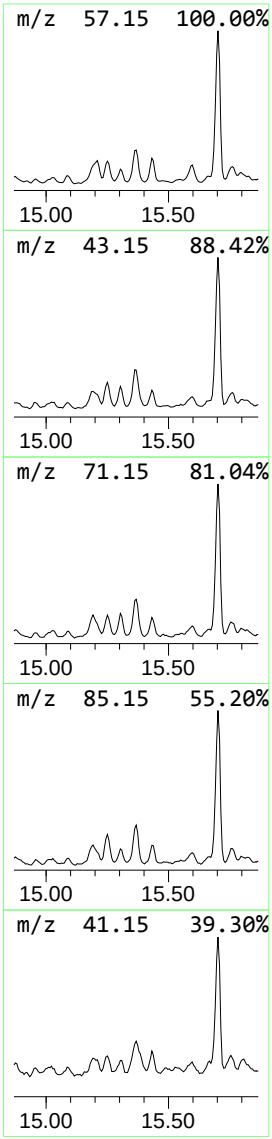
Peak Number 10 Tridecane, 7-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.368	34.93 ng	1092310	Acenaphthene-d10	14.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	83
3	Nonadecane	268	C19H40	000629-92-5	80
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	80
5	Heneicosane	296	C21H44	000629-94-7	80





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

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

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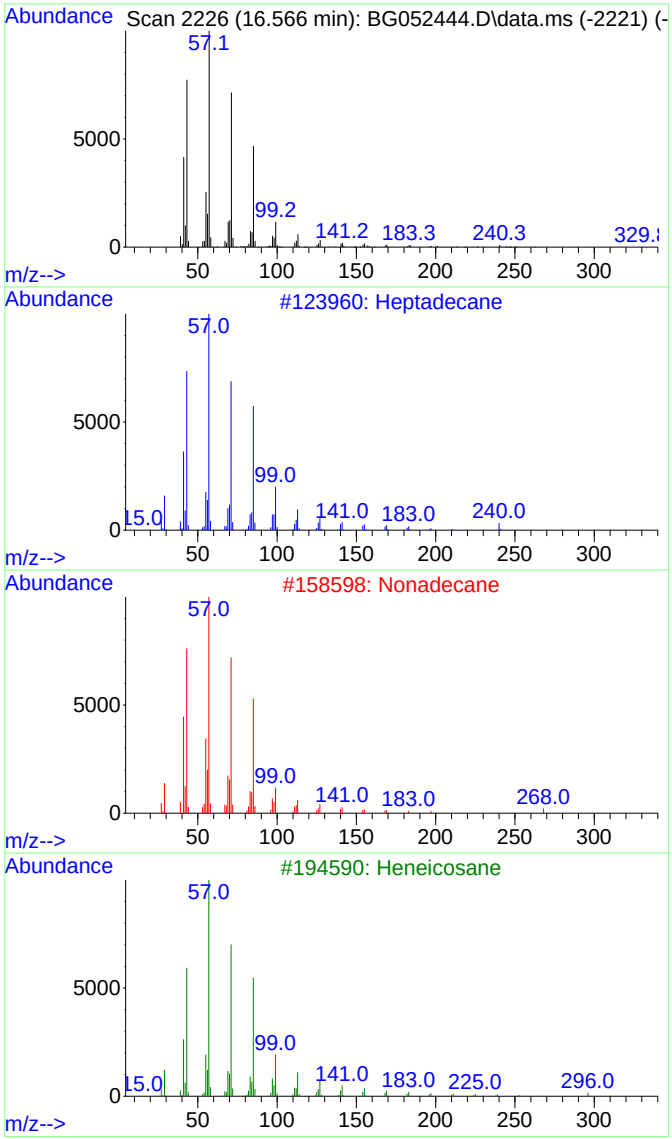
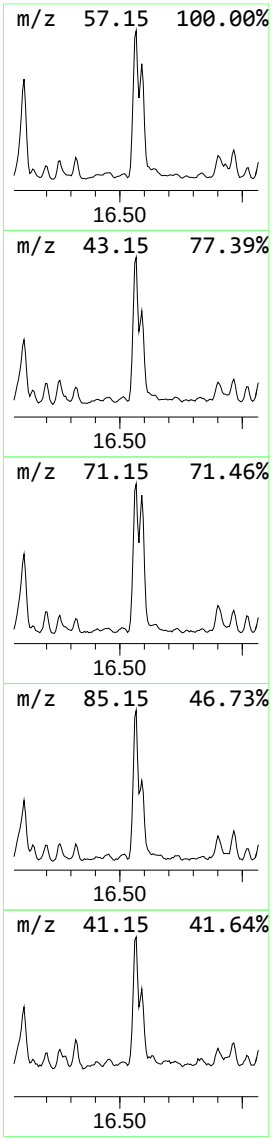
Peak Number 12 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.566	107.63 ng	3134240	Phenanthrene-d10	17.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	90





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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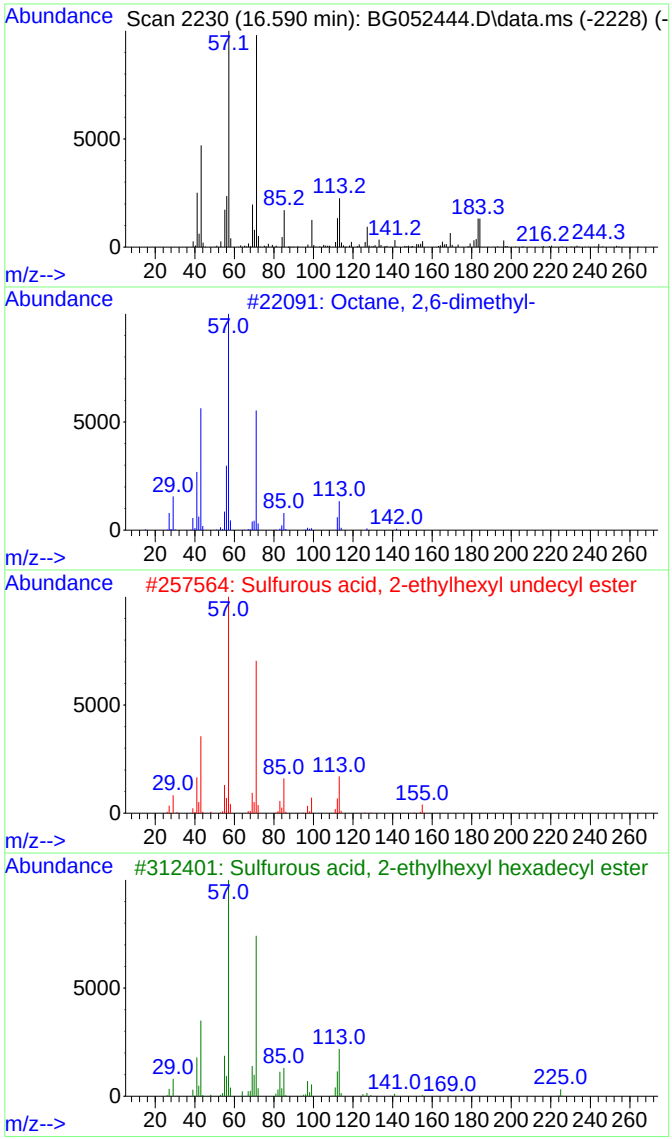
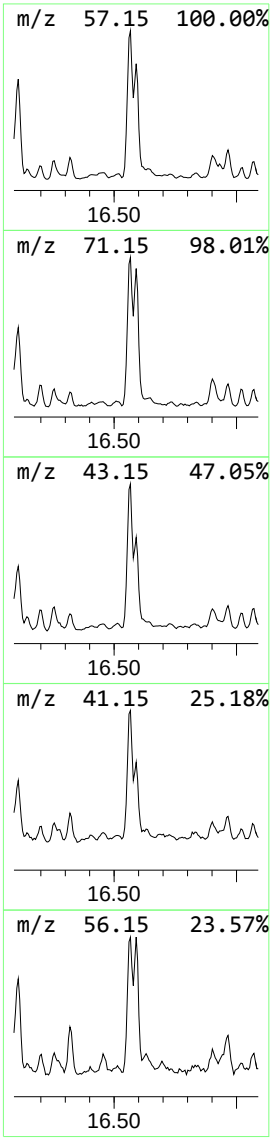
Peak Number 13 Octane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.590	60.61 ng	1764820	Phenanthrene-d10	17.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64
3	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	59
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
5	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	58





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

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

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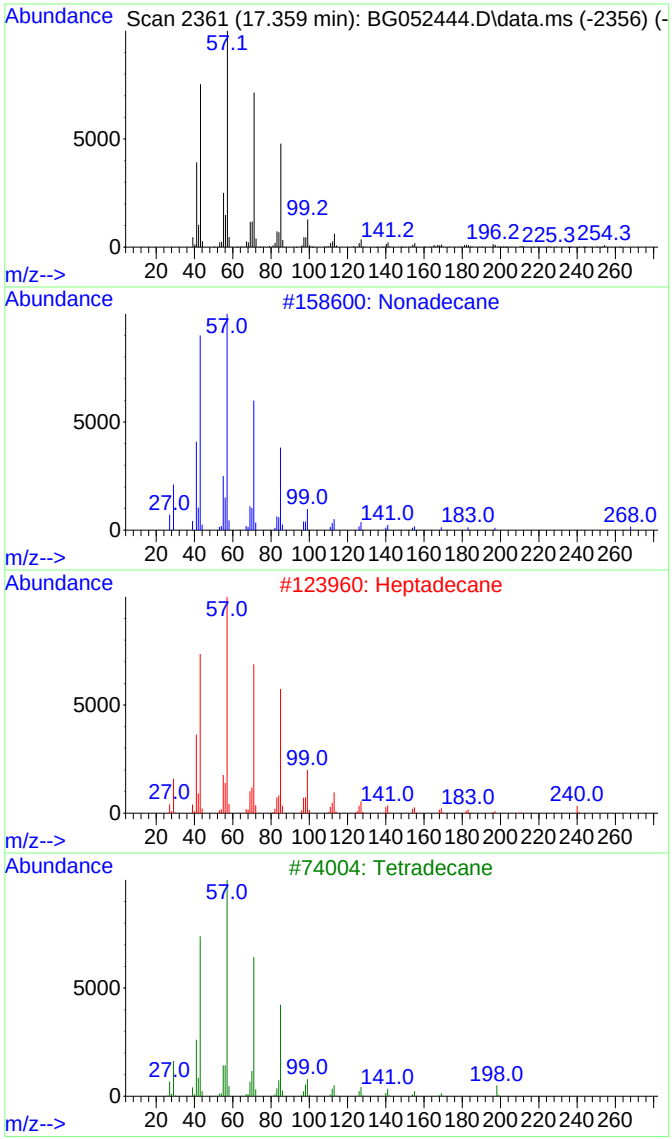
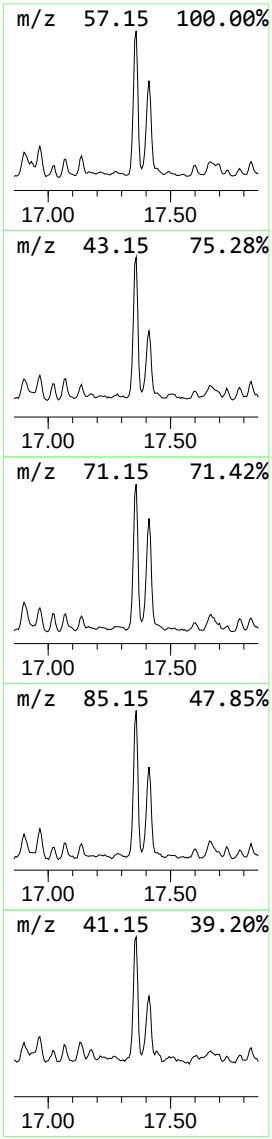
Peak Number 14 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.359	83.29 ng	2425370	Phenanthrene-d10	17.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	90





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ALS Vial : 16 Sample Multiplier: 1

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

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

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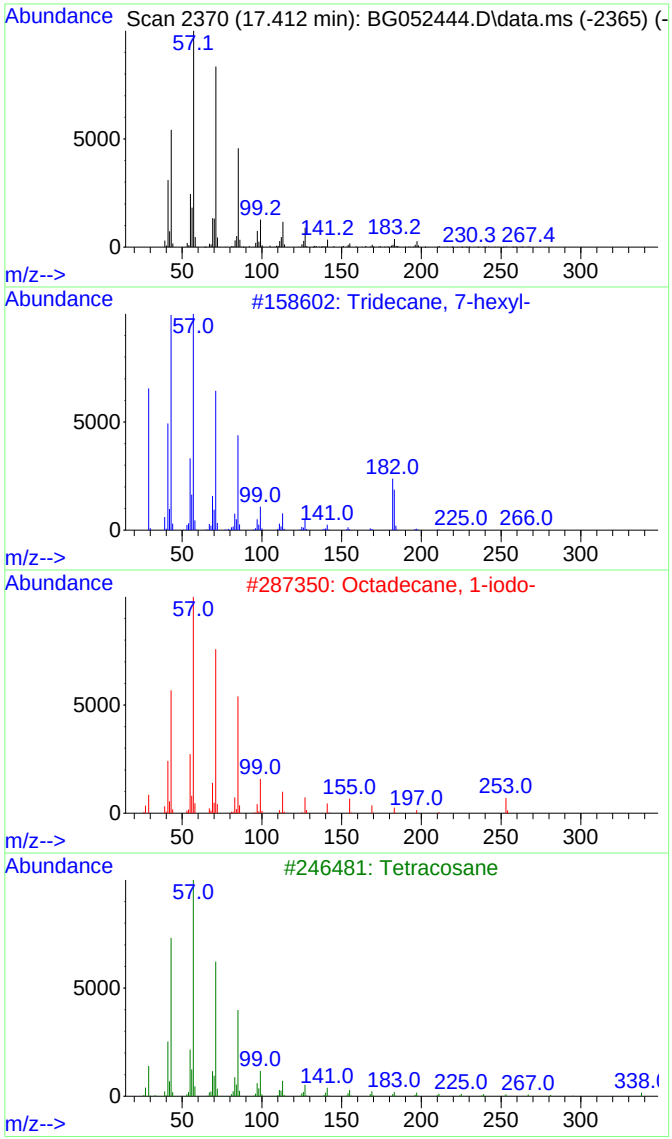
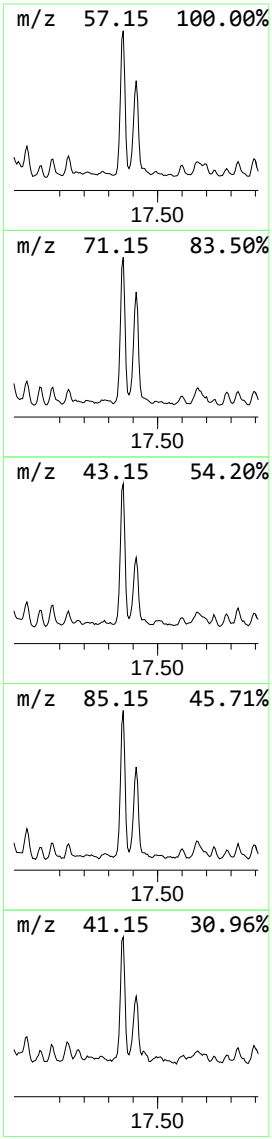
Peak Number 15 Tridecane, 7-hexyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.412	56.98 ng	1659110	Phenanthrene-d10	17.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	94
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	90
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87





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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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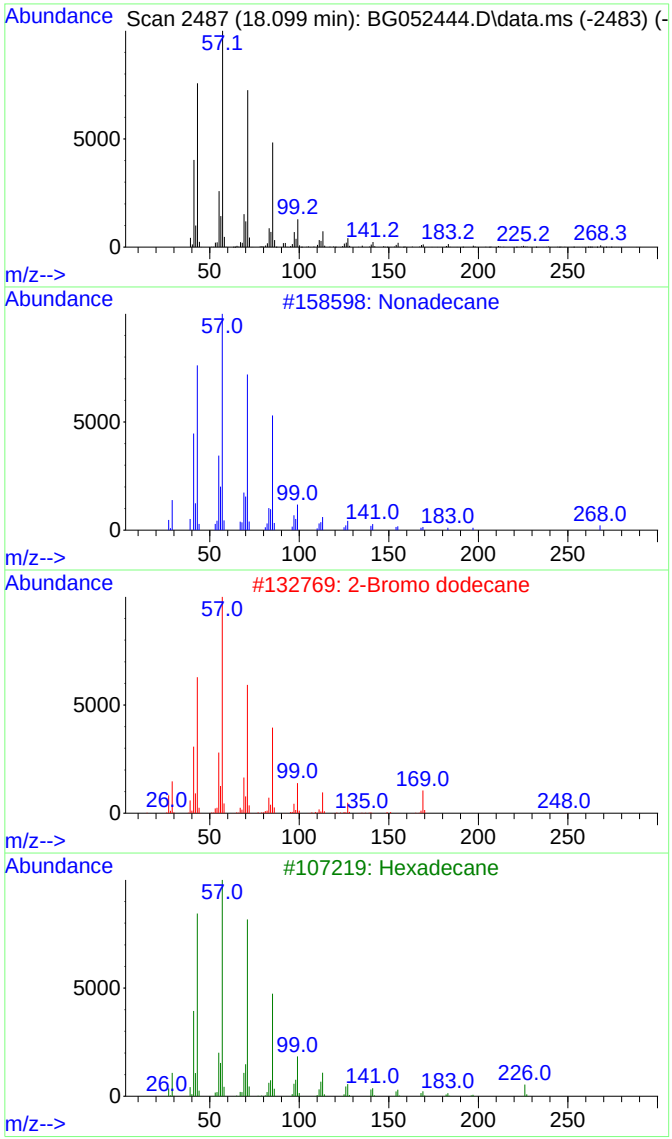
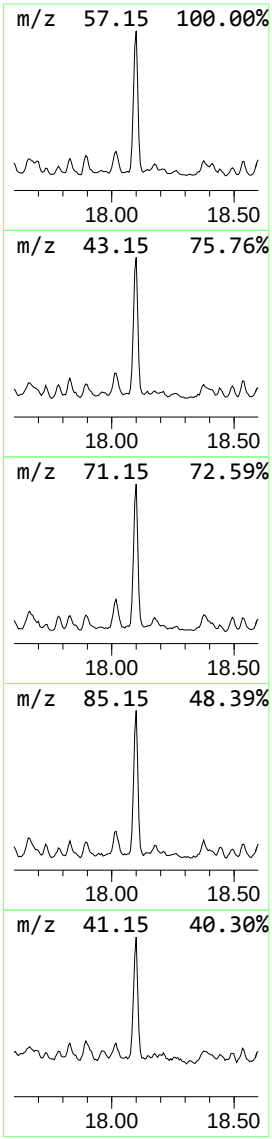
Peak Number 16 2-Bromo dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.099	82.35 ng	2397970	Phenanthrene-d10	17.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	98
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	94
3	Hexadecane	226	C16H34	000544-76-3	94
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	93
5	Heneicosane	296	C21H44	000629-94-7	91





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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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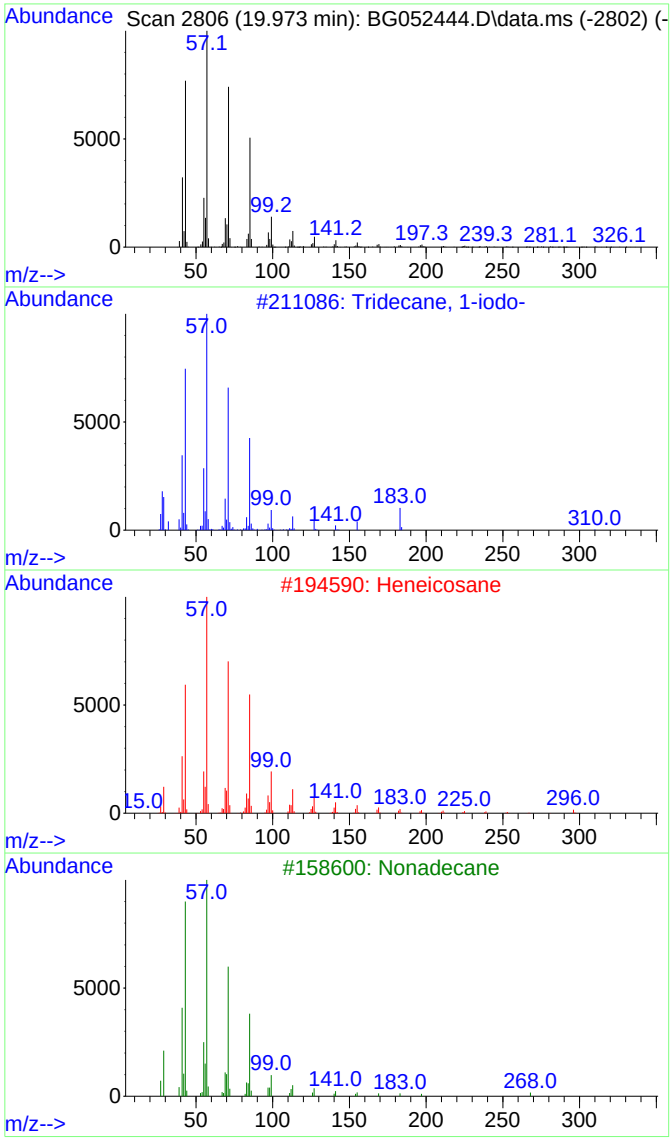
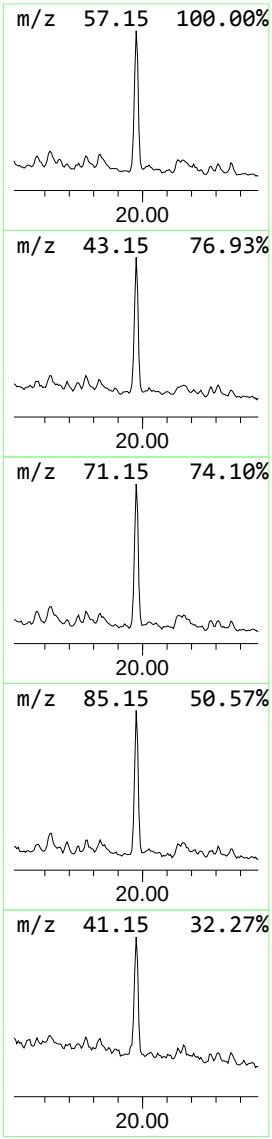
Peak Number 19 Tridecane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.973	49.27 ng	1269130	Chrysene-d12	21.935

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	87





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Sample : N1600-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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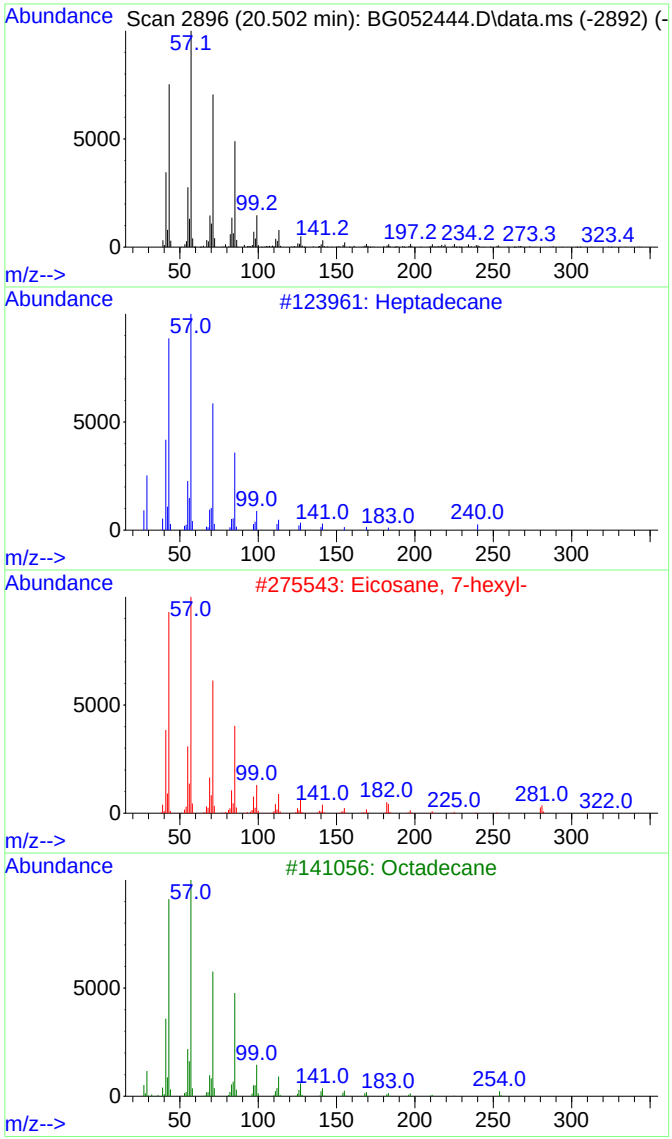
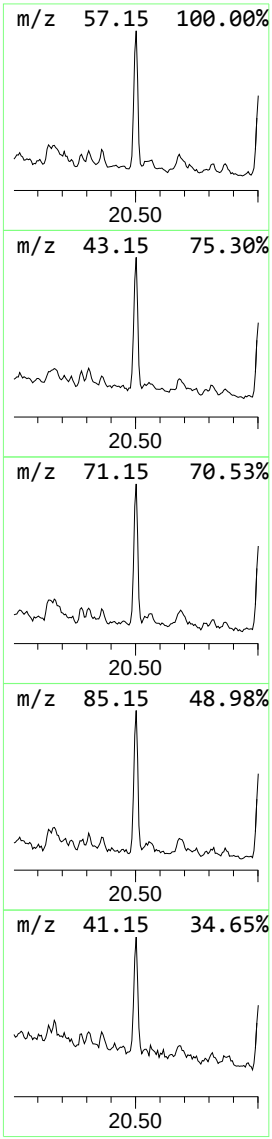
Peak Number 20 Eicosane, 7-hexyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.502	34.08 ng	877904	Chrysene-d12	21.935

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
Data File : BG052444.D
Acq On : 21 Feb 2022 19:23
Operator : CG/JU
Sample : N1600-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.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
Decane	7.837	40.2	ng	704321	1	8.225	350108	20.0
Benzene, 1-ethy...	8.877	31.2	ng	546701	1	8.225	350108	20.0
Tridecane	9.458	87.5	ng	1531150	1	8.225	350108	20.0
4'-Methylpropio...	9.599	40.3	ng	705926	1	8.225	350108	20.0
Dodecane, 2,7,1...	13.400	47.0	ng	1469550	3	14.874	625343	20.0
Hexadecane	13.688	101.6	ng	3175580	3	14.874	625343	20.0
Heptadecane, 2,...	14.340	41.4	ng	1293180	3	14.874	625343	20.0
Naphthalene, 1,...	14.381	31.0	ng	970260	3	14.874	625343	20.0
Pentadecane	14.757	91.0	ng	2846180	3	14.874	625343	20.0
Tridecane, 7-pr...	15.368	34.9	ng	1092310	3	14.874	625343	20.0
Heptadecane	16.566	107.6	ng	3134240	4	17.624	582387	20.0
Octane, 2,6-dim...	16.590	60.6	ng	1764820	4	17.624	582387	20.0
Nonadecane	17.359	83.3	ng	2425370	4	17.624	582387	20.0
Tridecane, 7-he...	17.412	57.0	ng	1659110	4	17.624	582387	20.0
2-Bromo dodecane	18.099	82.3	ng	2397970	4	17.624	582387	20.0
Tridecane, 1-iodo-	19.973	49.3	ng	1269130	5	21.935	515190	20.0
Eicosane, 7-hexyl-	20.502	34.1	ng	877904	5	21.935	515190	20.0