LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
Data File : BG053068.D
Acq On : 6 Apr 2022 23:38
Operator : CG/JU
Sample : N2275-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-040522

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-BG031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053068.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.696	387	393	401	rBV2	57459	96251	11.88%	0.639%
2	7.288	657	664	671	rVV2	82590	157692	19.46%	1.047%
3	7.752	737	743	752	rVB2	79624	124568	15.37%	0.827%
4	8.128	799	807	813	rBV3	138805	301030	37.14%	1.999%
5	8.421	853	857	864	rVB3	29746	49844	6.15%	0.331%
6	8.662	888	898	905	rBV6	37858	119452	14.74%	0.793%
7	8.715	905	907	912	rVB3	29916	40874	5.04%	0.271%
8	8.786	912	919	924	rBV4	48987	108532	13.39%	0.721%
9	8.897	931	938	942	rBV	47195	81617	10.07%	0.542%
10	9.138	974	979	986	rVB8	15521	37391	4.61%	0.248%
11	9.244	987	997	1001	rBV2	60603	146770	18.11%	0.975%
12	9.285	1001	1004	1009	rVV2	42130	81469	10.05%	0.541%
13	9.361	1009	1017	1022	rVV	263124	451571	55.71%	2.999%
14	9.491	1034	1039	1047	rVB5	42911	98981	12.21%	0.657%
15	9.608	1048	1059	1067	rBV10	34983	121020	14.93%	0.804%
16	9.708	1068	1076	1081	rBV9	17047	43296	5.34%	0.288%
17	9.773	1082	1087	1092	rBV4	38756	69098	8.53%	0.459%
18	9.825	1092	1096	1099	rBV2	25862	39582	4.88%	0.263%
19	10.019	1120	1129	1133	rBV7	27828	66798	8.24%	0.444%
20	10.066	1133	1137	1142	rVB3	48808	73566	9.08%	0.489%
21	10.131	1142	1148	1153	rBV7	46750	94214	11.62%	0.626%
22	10.195	1153	1159	1160	rBV3	36485	57538	7.10%	0.382%
23	10.284	1168	1174	1179	rBV4	65013	113029	13.95%	0.751%
24	10.354	1179	1186	1192	rVV3	93236	222190	27.41%	1.476%
25	10.401	1192	1194	1198	rVB3	34734	41984	5.18%	0.279%
26	10.466	1200	1205	1209	rBV	51771	82564	10.19%	0.548%
27	10.519	1210	1214	1219	rVB7	23739	39993	4.93%	0.266%
28	10.577	1219	1224	1229	rVB2	47588	83266	10.27%	0.553%
29	10.648	1229	1236	1238	rBV3	24032	50502	6.23%	0.335%
30	10.906	1275	1280	1284	rBV	383123	670027	82.67%	4.450%
31	11.053	1302	1305	1308	rBV3	24836	43354	5.35%	0.288%
32	11.094	1308	1312	1318	rVB	132749	224882	27.75%	1.494%
33	11.159	1318	1323	1330	rBV5	43940	90573	11.17%	0.602%
34	11.317	1346	1350	1354	rBV7	18382	36963	4.56%	0.246%
35	11.417	1362	1367	1376	rVB6	44077	119802	14.78%	0.796%
36	11.646	1401	1406	1412	rVV5	70360	157357	19.41%	1.045%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
Data File : BG053068.D
Acq On : 6 Apr 2022 23:38
Operator : CG/JU
Sample : N2275-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-040522

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-BG031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.699	1412	1415	1422	rVB6	37514	74314	9.17%	0.494%
38	11.770	1422	1427	1434	rBV4	74443	137068	16.91%	0.910%
39	11.846	1434	1440	1448	rBV4	90372	187211	23.10%	1.243%
40	11.952	1453	1458	1463	rBV	136329	230395	28.43%	1.530%
41	12.046	1470	1474	1479	rVB3	39469	62096	7.66%	0.412%
42	12.128	1482	1488	1495	rVB3	92138	172803	21.32%	1.148%
43	12.228	1495	1505	1508	rBV8	27393	67645	8.35%	0.449%
44	12.346	1519	1525	1532	rBV	386248	591974	73.04%	3.932%
45	12.481	1544	1548	1554	rVB3	60174	90005	11.10%	0.598%
46	12.563	1556	1562	1570	rVB6	62751	148644	18.34%	0.987%
47	12.839	1605	1609	1614	rVB2	59039	101130	12.48%	0.672%
48	12.974	1627	1632	1635	rBV3	49508	78512	9.69%	0.521%
49	13.080	1646	1650	1653	rBV4	36784	49228	6.07%	0.327%
50	13.144	1658	1661	1667	rVB2	76287	111064	13.70%	0.738%
51	13.233	1672	1676	1680	rVV3	50428	83788	10.34%	0.557%
52	13.291	1681	1686	1693	rVV2	126205	219946	27.14%	1.461%
53	13.374	1695	1700	1706	rVB	95539	150842	18.61%	1.002%
54	13.573	1728	1734	1742	rBV	325683	493186	60.85%	3.276%
55	13.697	1753	1755	1759	rVB3	38823	48583	5.99%	0.323%
56	13.914	1783	1792	1797	rBV3	30778	98903	12.20%	0.657%
57	14.084	1817	1821	1825	rVV5	23931	47352	5.84%	0.315%
58	14.225	1836	1845	1848	rBV2	77312	158357	19.54%	1.052%
59	14.266	1848	1852	1857	rVB3	53439	69299	8.55%	0.460%
60	14.337	1862	1864	1869	rVB3	43353	55538	6.85%	0.369%
61	14.637	1910	1915	1920	rVB	203811	269329	33.23%	1.789%
62	14.754	1923	1935	1941	rBV	292715	537172	66.28%	3.568%
63	14.819	1941	1946	1952	rVB2	24580	45093	5.56%	0.300%
64	14.971	1967	1972	1978	rVB9	18766	38282	4.72%	0.254%
65	15.077	1982	1990	1993	rBV10	26103	59192	7.30%	0.393%
66	15.142	1997	2001	2007	rVB4	30330	54619	6.74%	0.363%
67	15.253	2017	2020	2029	rVB7	28994	53877	6.65%	0.358%
68	15.582	2071	2076	2081	rVB	106879	141671	17.48%	0.941%
69	15.700	2089	2096	2102	rBV	16017	39663	4.89%	0.263%
70	15.794	2107	2112	2123	rBV2	46468	89666	11.06%	0.596%
71	15.994	2143	2146	2157	rVB5	26824	49981	6.17%	0.332%
72	16.234	2179	2187	2193	rVB3	84601	141176	17.42%	0.938%
73	16.446	2218	2223	2225	rBV	51083	72159	8.90%	0.479%
74	16.792	2276	2282	2287	rBV6	18440	42347	5.22%	0.281%
75	17.233	2353	2357	2362	rVV3	32209	45659	5.63%	0.303%
76	17.315	2362	2371	2376	rVB2	32907	74386	9.18%	0.494%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
Data File : BG053068.D
Acq On : 6 Apr 2022 23:38
Operator : CG/JU
Sample : N2275-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-040522

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-BG031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	17.497	2395	2402	2405	rBV	332682	535504	66.07%	3.557%
78	17.538	2405	2409	2415	rVB	277631	427388	52.73%	2.839%
79	17.627	2420	2424	2429	rVB	57618	87099	10.75%	0.578%
80	18.079	2497	2501	2507	rVV	27445	42927	5.30%	0.285%
81	18.226	2520	2526	2530	rBV2	22033	44763	5.52%	0.297%
82	18.373	2545	2551	2555	rBV	81627	142648	17.60%	0.947%
83	18.420	2555	2559	2563	rVB	96951	143602	17.72%	0.954%
84	18.496	2568	2572	2577	rBV2	34889	57824	7.13%	0.384%
85	18.561	2577	2583	2587	rBV2	121735	243335	30.02%	1.616%
86	18.860	2630	2634	2638	rVV2	46817	68397	8.44%	0.454%
87	18.913	2638	2643	2647	rVB6	19634	42538	5.25%	0.283%
88	19.160	2681	2685	2688	rBV2	29385	37142	4.58%	0.247%
89	19.277	2700	2705	2709	rBV	92768	162577	20.06%	1.080%
90	19.418	2725	2729	2731	rBV4	27631	45088	5.56%	0.299%
91	19.542	2745	2750	2756	rBV	425926	595543	73.48%	3.956%
92	19.871	2802	2806	2807	rBV2	65012	82492	10.18%	0.548%
93	19.906	2807	2812	2820	rVB	436812	669867	82.65%	4.449%
94	20.094	2840	2844	2848	rVB	146381	181731	22.42%	1.207%
95	20.393	2892	2895	2899	rVB2	102716	137842	17.01%	0.916%
96	20.493	2909	2912	2916	rVB	70327	75342	9.30%	0.500%
97	20.693	2943	2946	2950	rBV2	46346	66667	8.23%	0.443%
98	21.780	3123	3131	3136	rBV2	331177	810508	100.00%	5.383%
99	21.827	3136	3139	3146	rVB2	149692	239640	29.57%	1.592%
100	25.093	3690	3695	3705	rVB	149622	395808	48.83%	2.629%

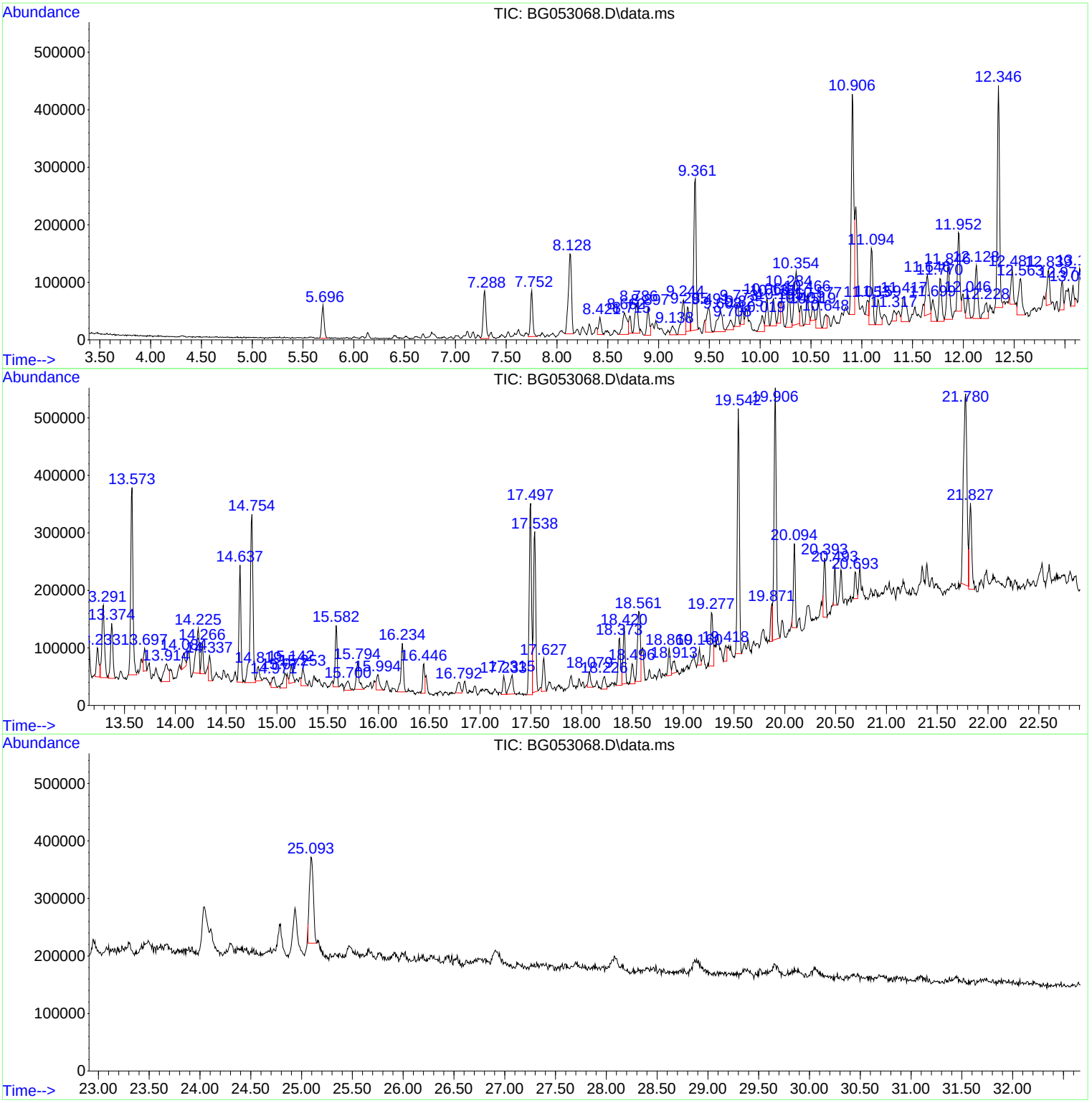
Sum of corrected areas: 15056067

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
Data File : BG053068.D
Acq On : 6 Apr 2022 23:38
Operator : CG/JU
Sample : N2275-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-040522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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\BG040622\
Data File : BG053068.D
Acq On : 6 Apr 2022 23:38
Operator : CG/JU
Sample : N2275-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-040522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

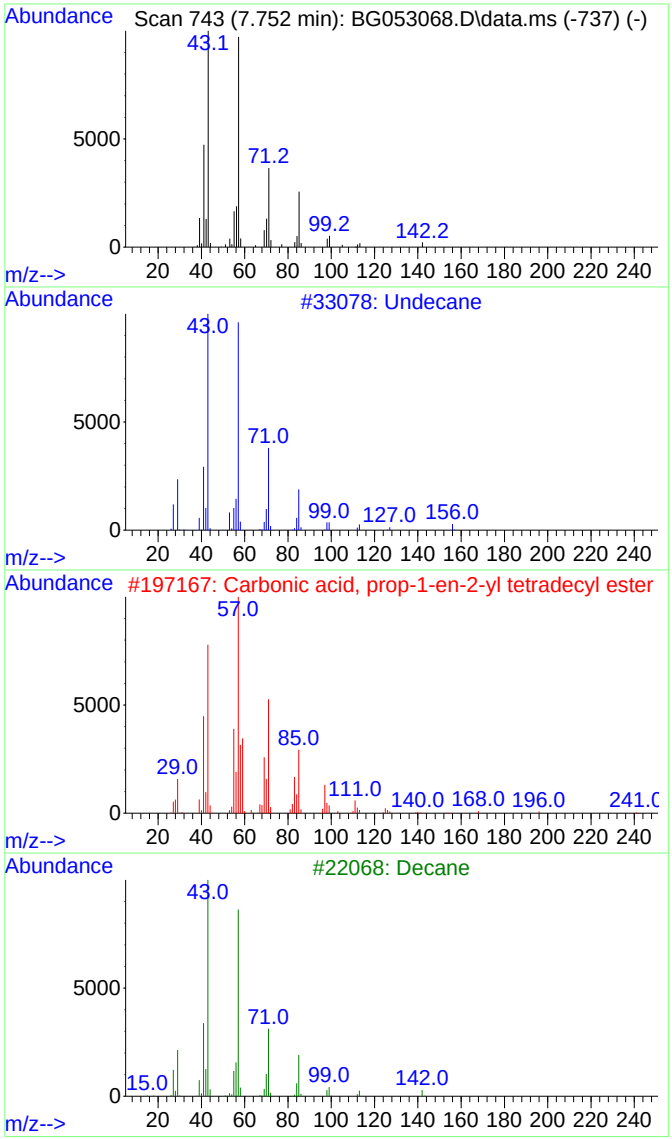
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

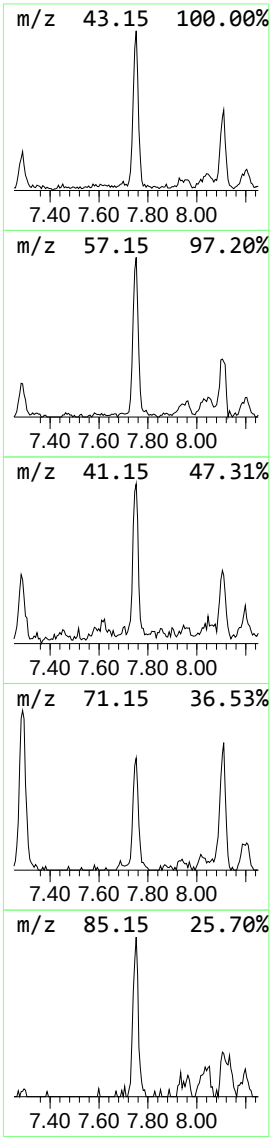
****

Peak Number 1 Undecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.752	8.28 ng	124568	1,4-Dichlorobenzene-d4	8.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	78
2	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	78
3	Decane	142	C10H22	000124-18-5	72
4	Nonane	128	C9H20	000111-84-2	64
5	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
Data File : BG053068.D
Acq On : 6 Apr 2022 23:38
Operator : CG/JU
Sample : N2275-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-040522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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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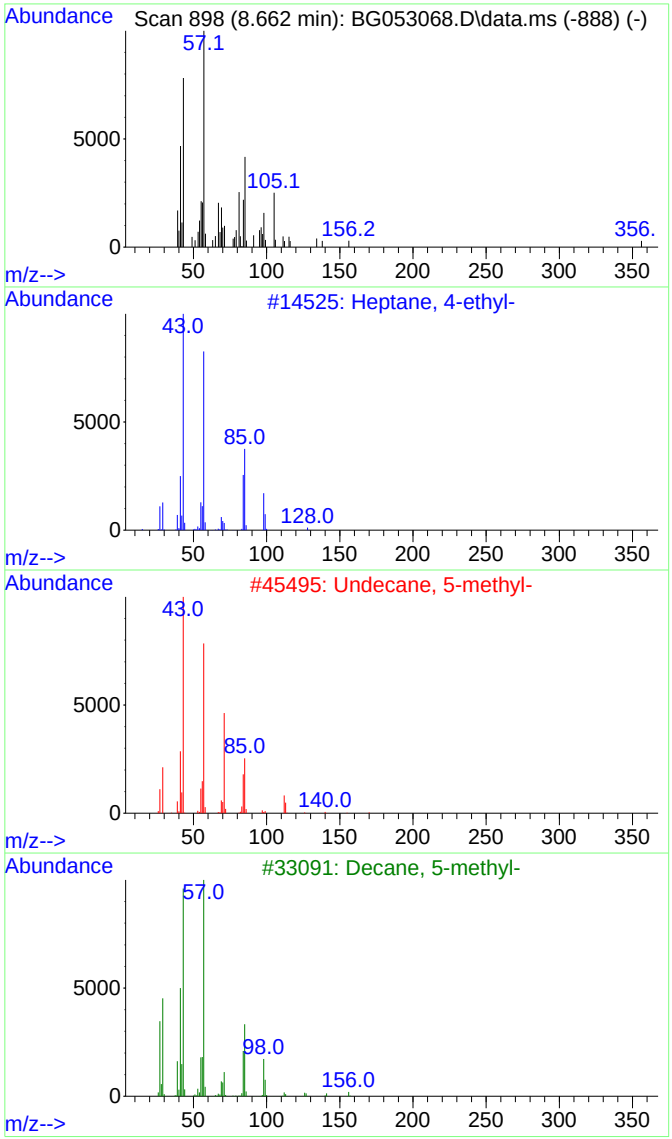
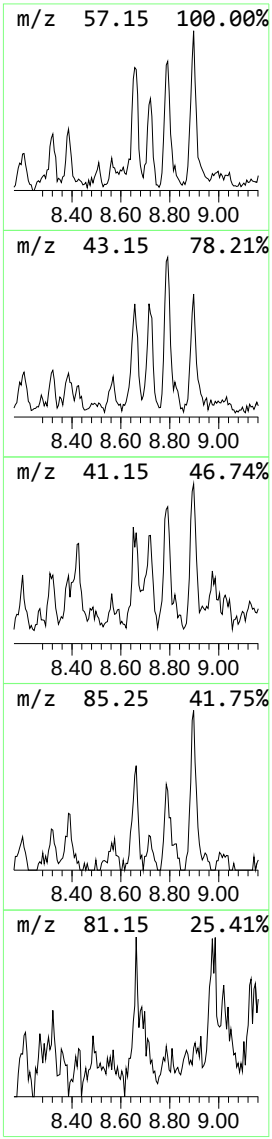
Peak Number 2 unknown8.662 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.662	7.94 ng	119452	1,4-Dichlorobenzene-d4	8.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-ethyl-	128	C9H20	002216-32-2	47
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	47
3	Decane, 5-methyl-	156	C11H24	013151-35-4	45
4	Oxalic acid, heptyl isohexyl ester	272	C15H28O4	1000309-33-1	43
5	Butanoic acid, 3-oxo-, 1,1-dimet...	158	C8H14O3	001694-31-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
Data File : BG053068.D
Acq On : 6 Apr 2022 23:38
Operator : CG/JU
Sample : N2275-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-040522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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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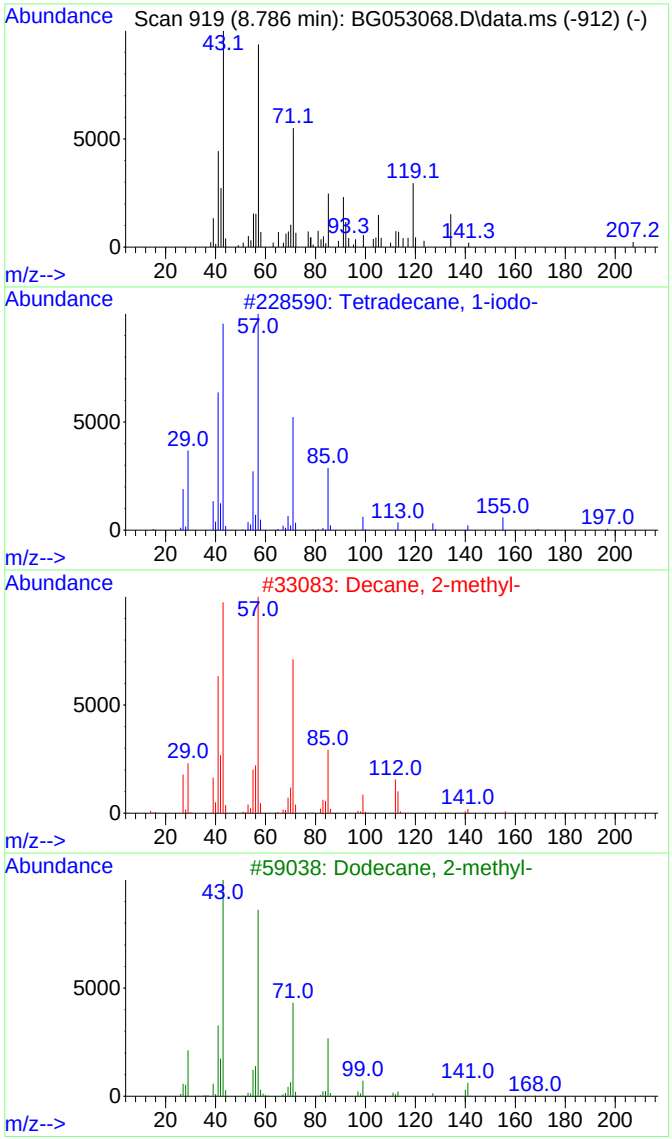
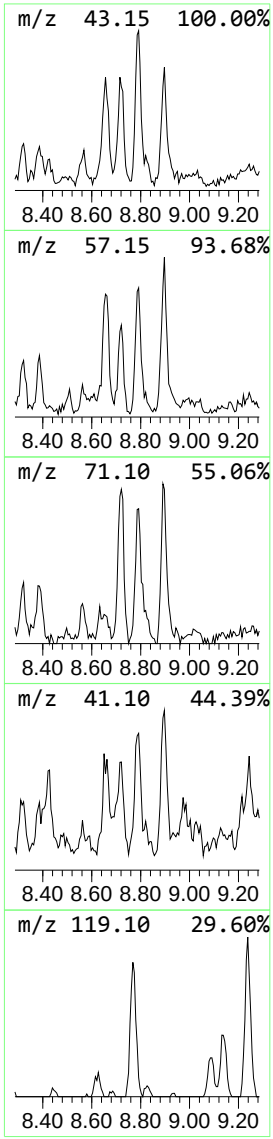
Peak Number 3 unknown8.786 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.786	7.21 ng	108532	1,4-Dichlorobenzene-d4	8.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	47
2	Decane, 2-methyl-	156	C11H24	006975-98-0	47
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	47
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	43
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
Data File : BG053068.D
Acq On : 6 Apr 2022 23:38
Operator : CG/JU
Sample : N2275-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-040522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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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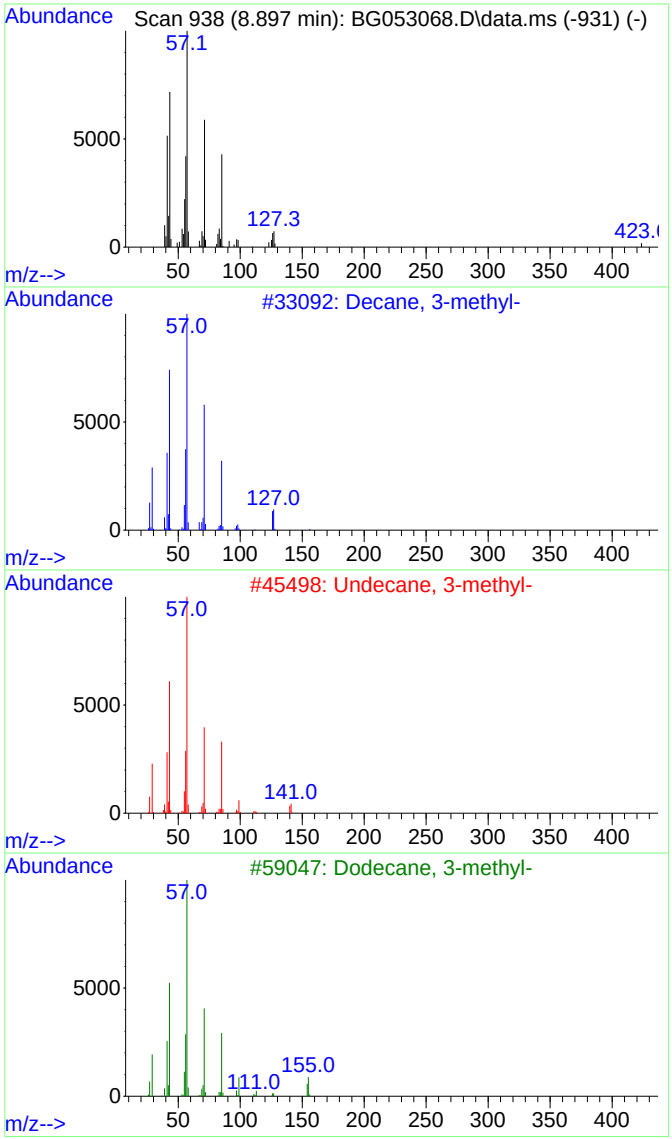
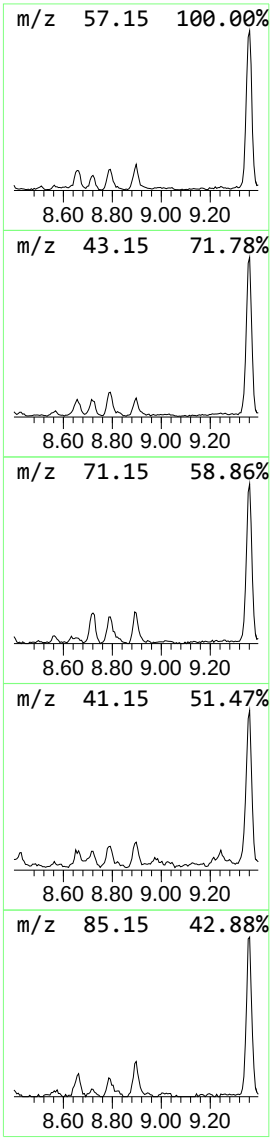
Peak Number 4 Decane, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.897	5.42 ng	81617	1,4-Dichlorobenzene-d4	8.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	83
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	78
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
4	Undecane, 5-ethyl-	184	C13H28	017453-94-0	59
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
Data File : BG053068.D
Acq On : 6 Apr 2022 23:38
Operator : CG/JU
Sample : N2275-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-040522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

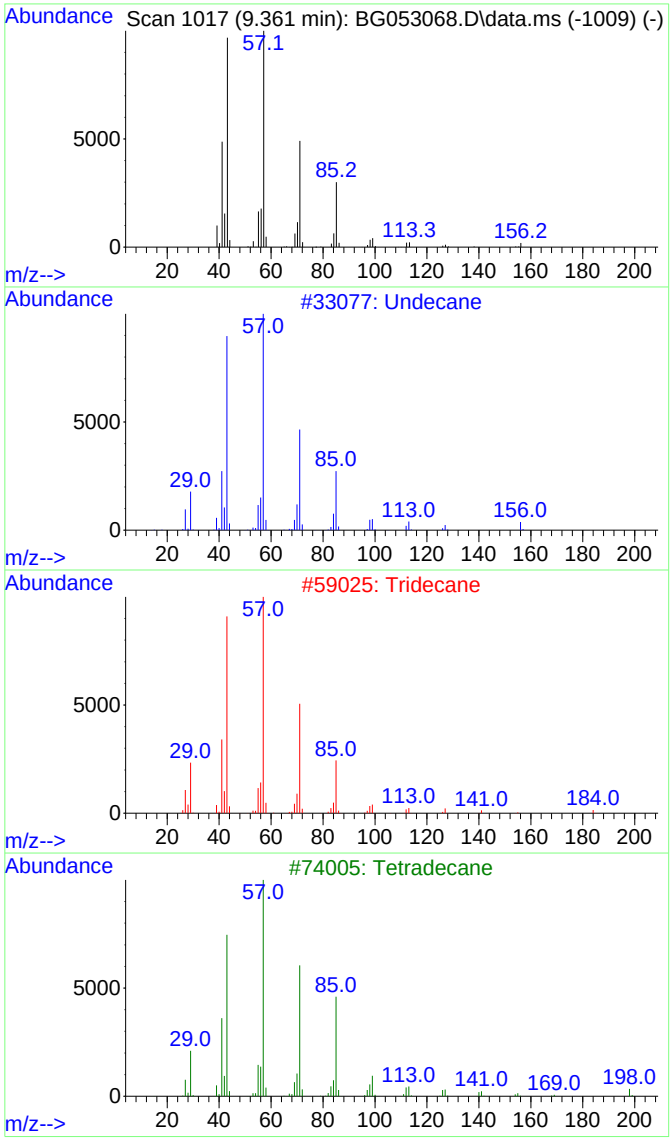
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

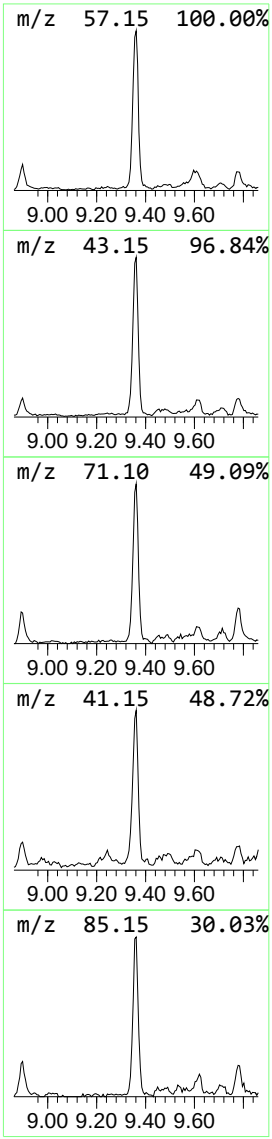
****

Peak Number 5 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.361	30.00 ng	451571	1,4-Dichlorobenzene-d4	8.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	90
2	Tridecane	184	C13H28	000629-50-5	86
3	Tetradecane	198	C14H30	000629-59-4	83
4	Heptadecane	240	C17H36	000629-78-7	83
5	Decane, 2-methyl-	156	C11H24	006975-98-0	80





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Acq On : 6 Apr 2022 23:38
Operator : CG/JU
Sample : N2275-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-03-040522

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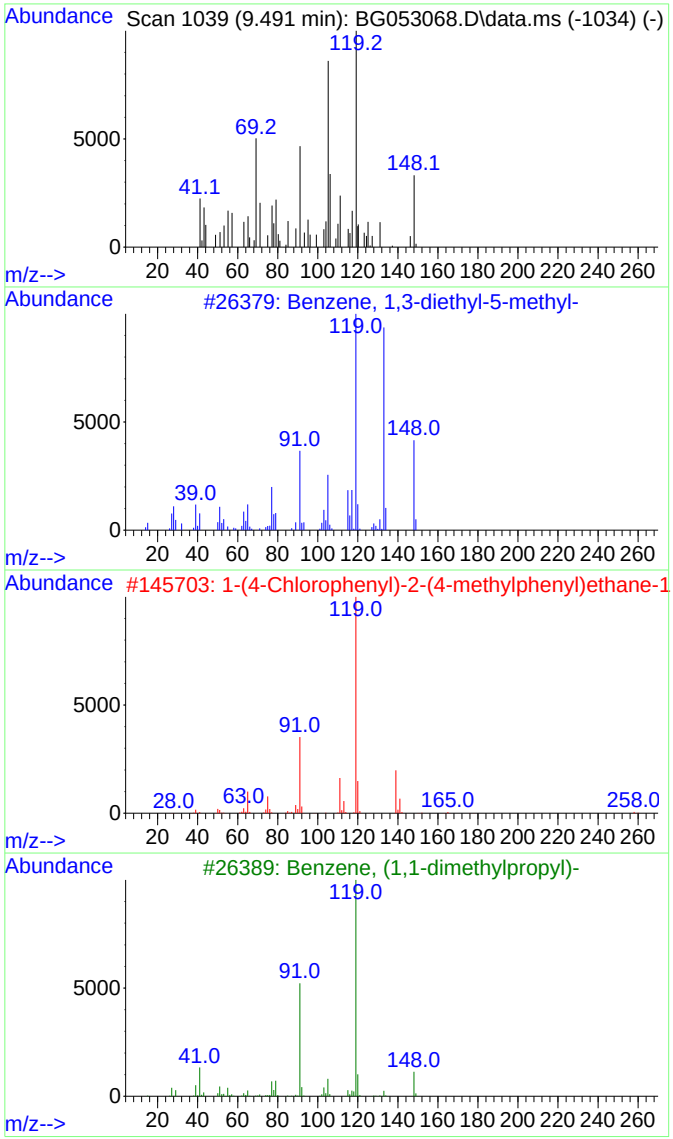
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

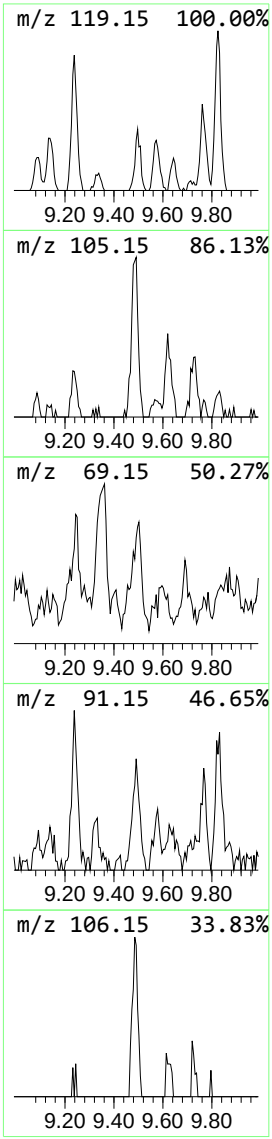
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.491	6.58 ng	98981	1,4-Dichlorobenzene-d4	8.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	50
2	1-(4-Chlorophenyl)-2-(4-methylph...	258	C15H11ClO2	086508-29-4	43
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	38
4	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	38
5	Pyridine, 5-ethenyl-2-methyl-	119	C8H9N	000140-76-1	35





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Sample : N2275-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-03-040522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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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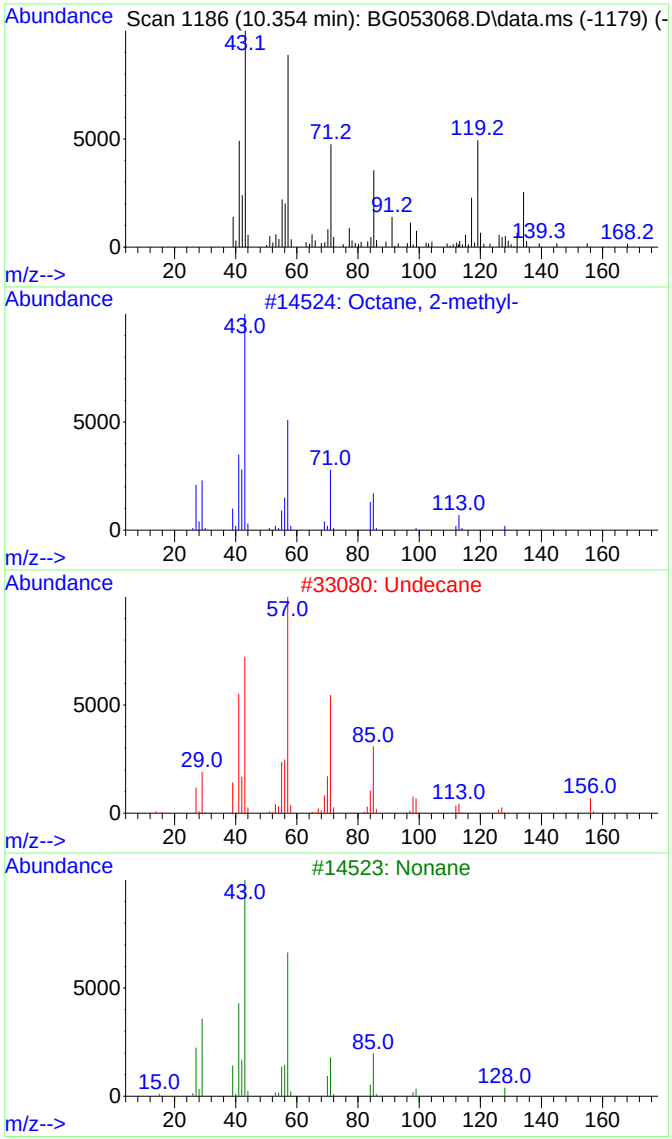
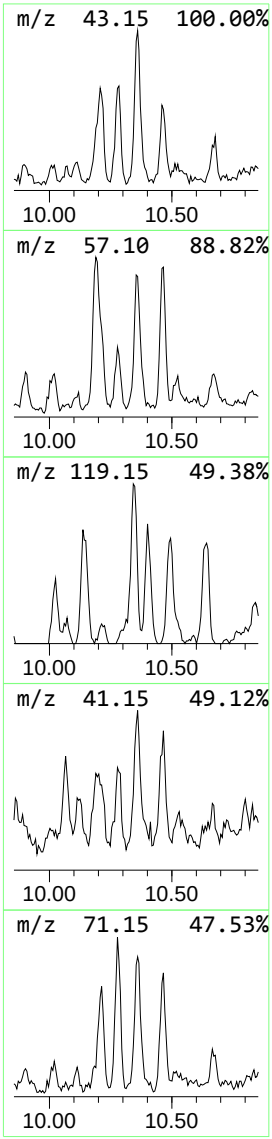
Peak Number 7 unknown10.354 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.354	6.63 ng	222190	Naphthalene-d8	10.947

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	43
2	Undecane	156	C11H24	001120-21-4	38
3	Nonane	128	C9H20	000111-84-2	38
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	35
5	Nonadecane	268	C19H40	000629-92-5	35





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Sample : N2275-01 5X
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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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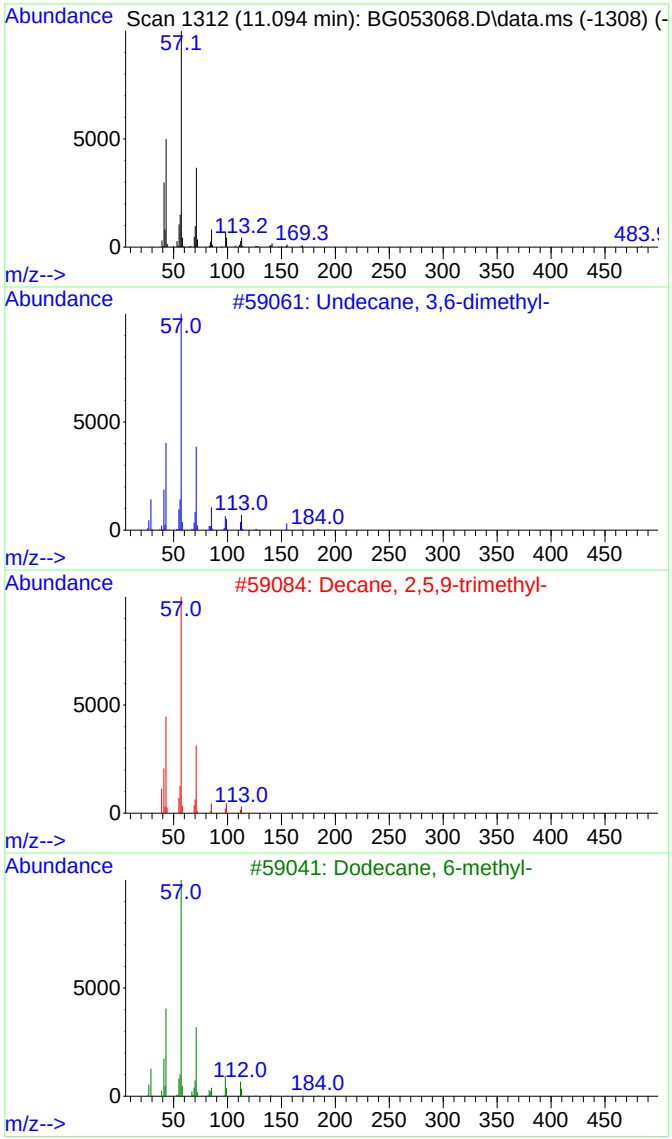
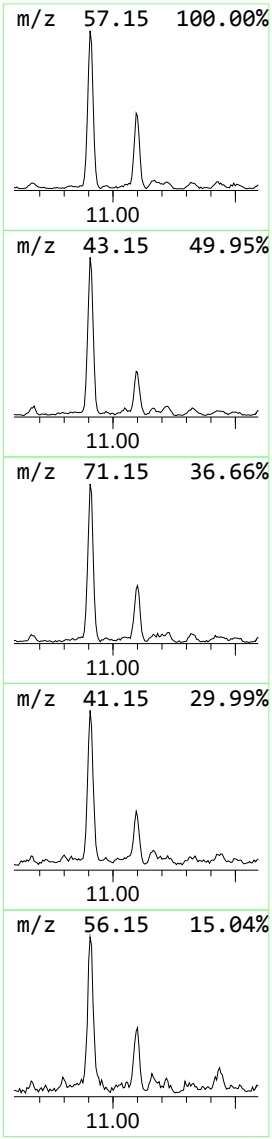
Peak Number 8 Undecane, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.094	6.71 ng	224882	Naphthalene-d8	10.947

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	90
2	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	80
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	78
4	Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	72
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64





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Sample : N2275-01 5X
Misc :
ALS Vial : 18 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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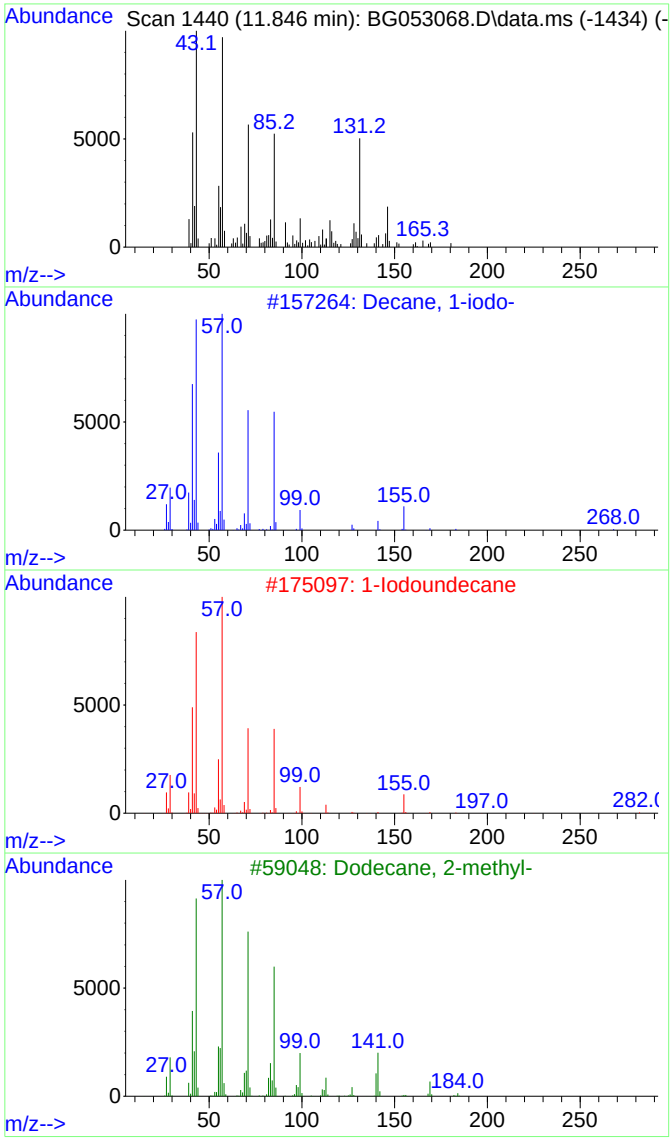
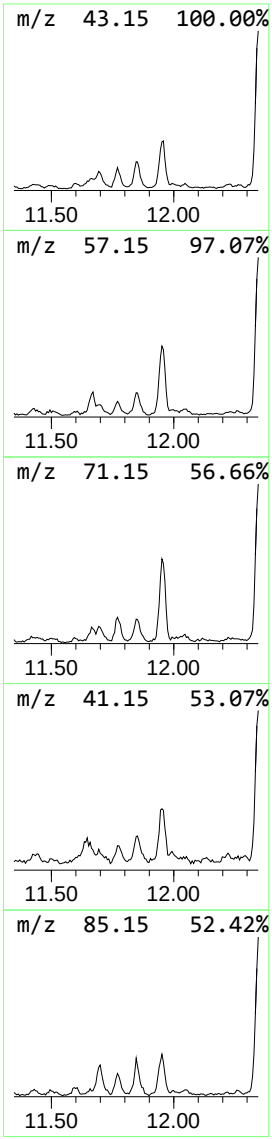
Peak Number 9 unknown11.846 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.846	5.59 ng	187211	Naphthalene-d8	10.947

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1-iodo-	268	C10H21I	002050-77-3	49
2	1-Iodoundecane	282	C11H23I	004282-44-4	49
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	46
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	46
5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	46





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Sample : N2275-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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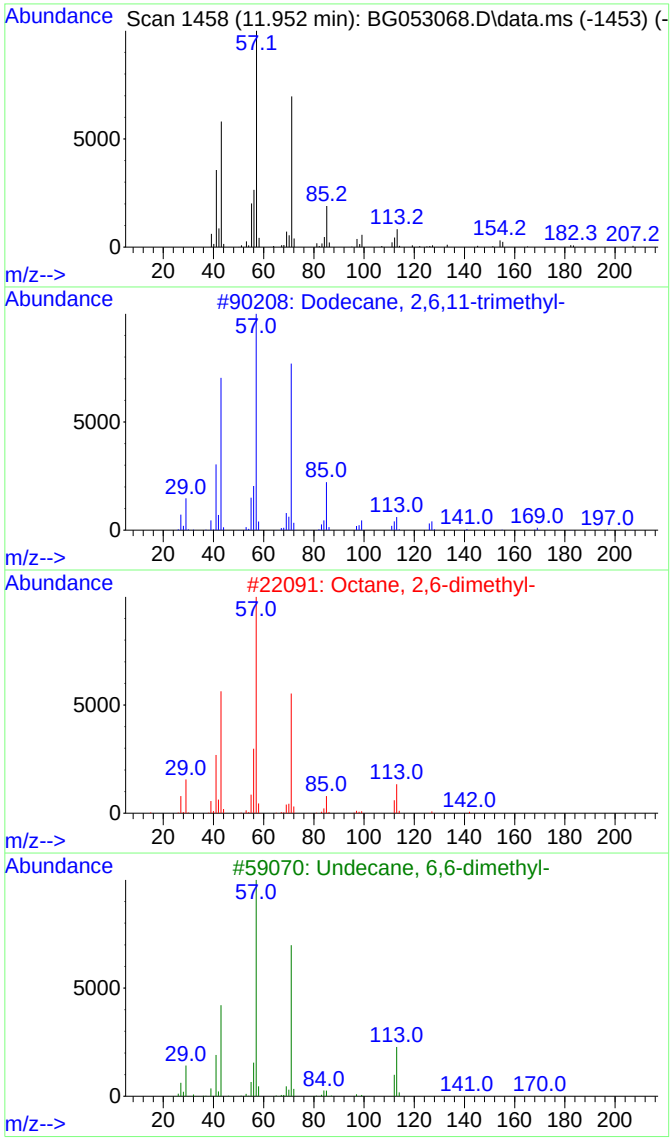
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

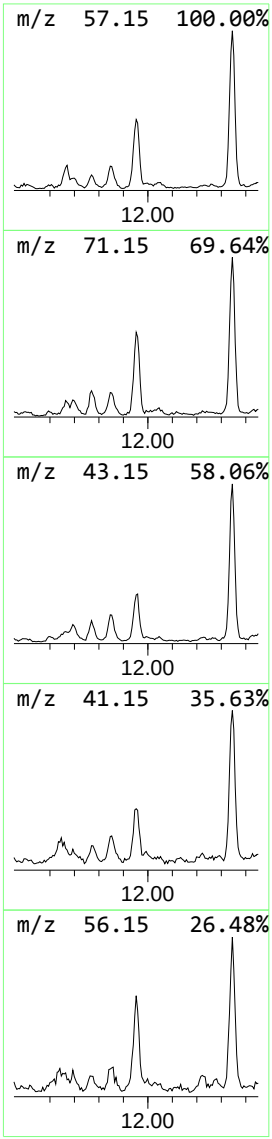
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Dodecane, 2,6,11-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.952	6.88 ng	230395	Naphthalene-d8	10.947

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
3	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	53
4	Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	50
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	50





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Sample : N2275-01 5X
Misc :
ALS Vial : 18 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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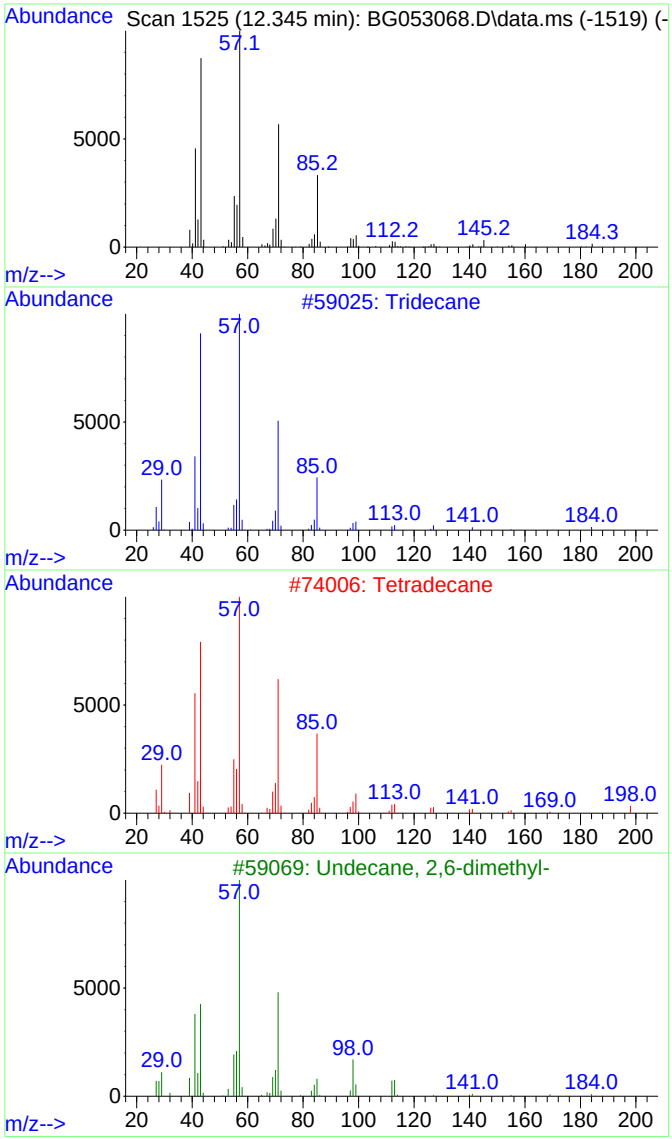
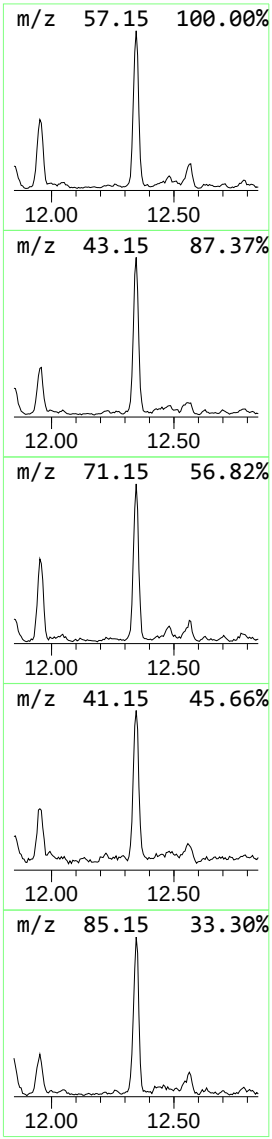
Peak Number 11 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.345	17.67 ng	591974	Naphthalene-d8	10.947

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tetradecane	198	C14H30	000629-59-4	90
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	87
4	Hexadecane	226	C16H34	000544-76-3	83
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72





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Operator : CG/JU
Sample : N2275-01 5X
Misc :
ALS Vial : 18 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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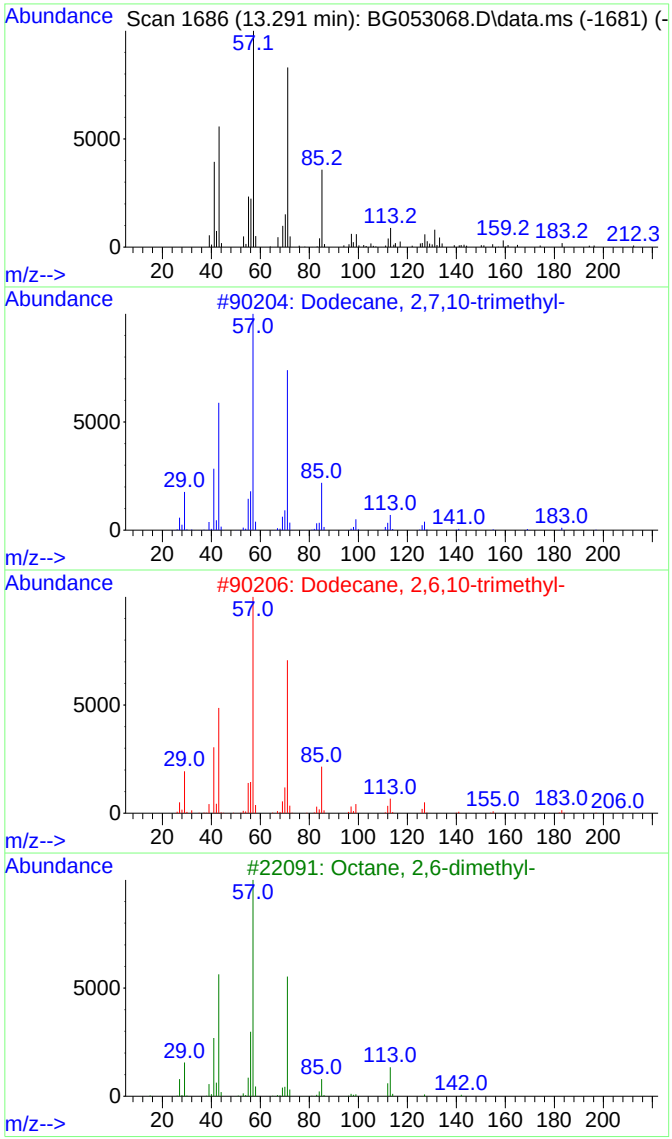
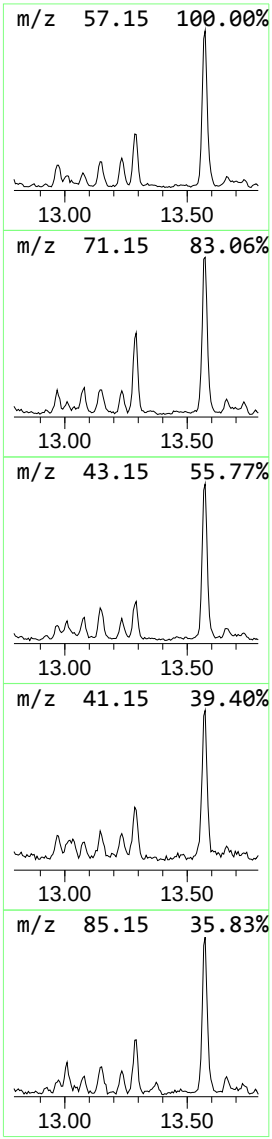
Peak Number 12 Dodecane, 2,7,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.291	8.19 ng	219946	Acenaphthene-d10	14.754

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	72
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72





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Misc :
ALS Vial : 18 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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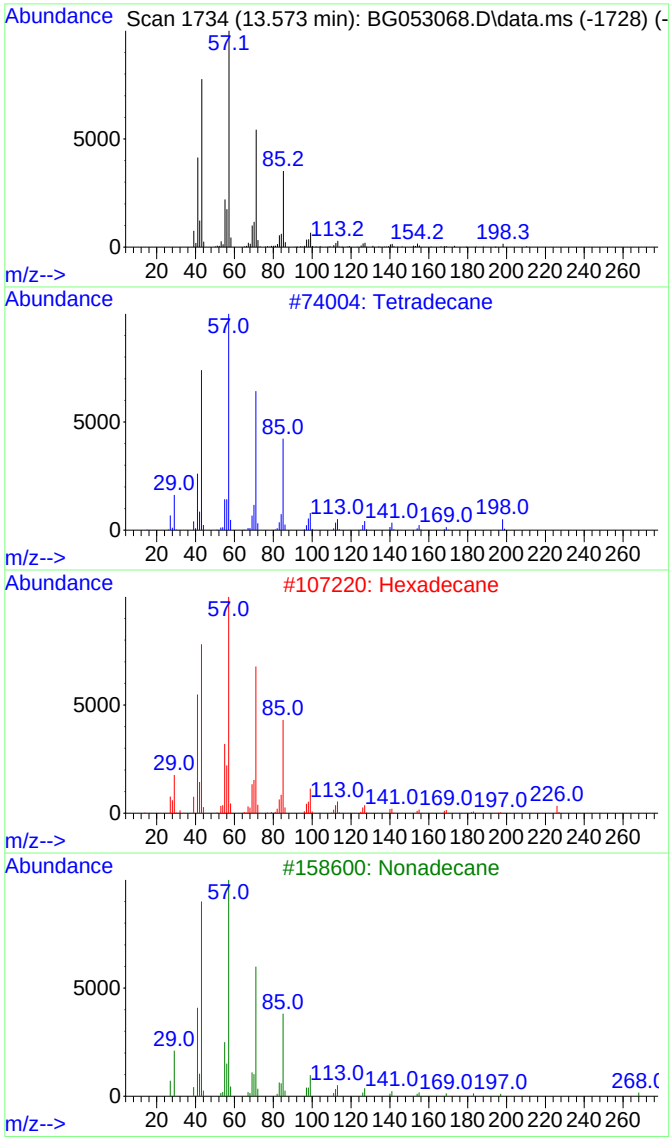
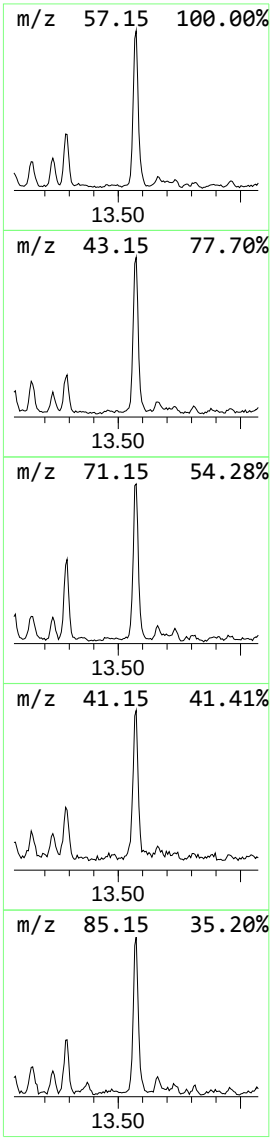
Peak Number 13 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.573	18.36 ng	493186	Acenaphthene-d10	14.754

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Nonadecane	268	C19H40	000629-92-5	86
4	Pentadecane	212	C15H32	000629-62-9	80
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80





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Sample : N2275-01 5X
Misc :
ALS Vial : 18 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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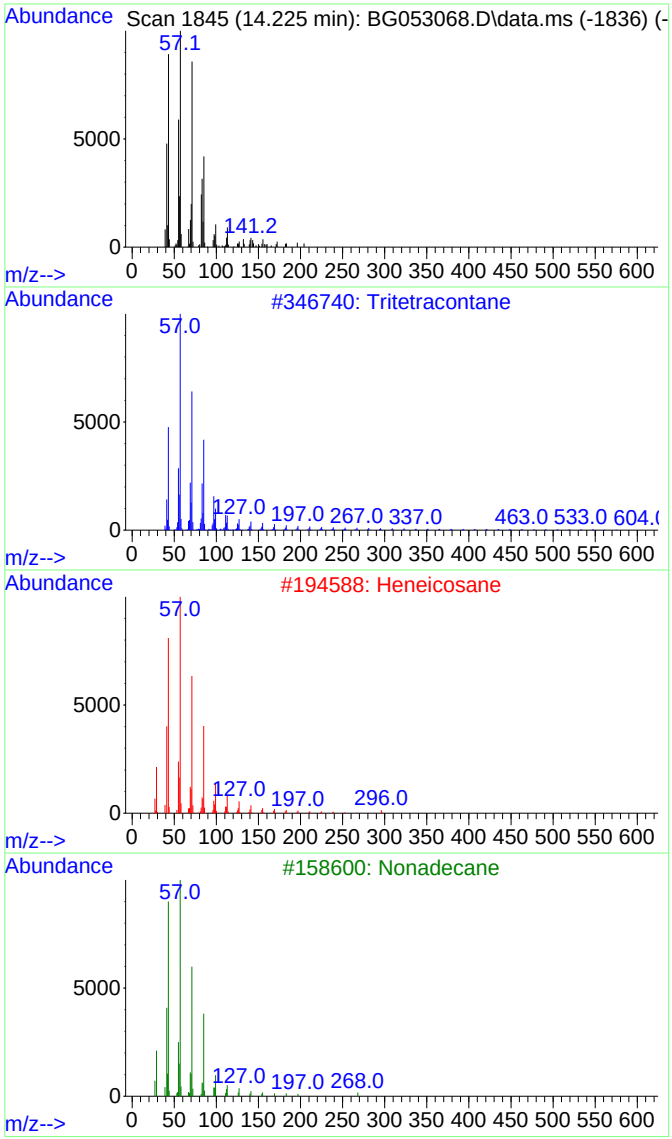
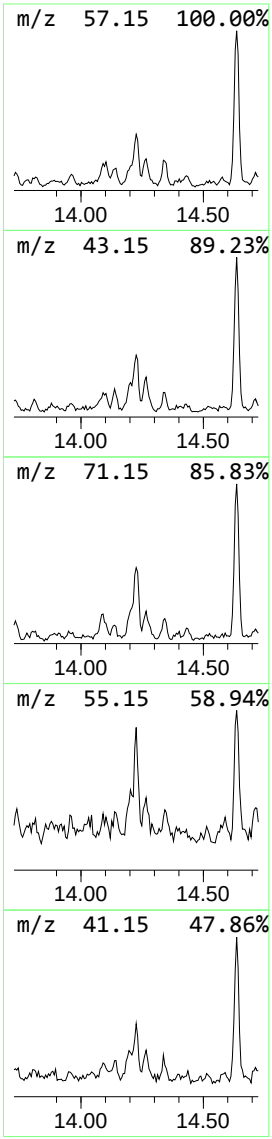
Peak Number 14 Tritetracontane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.225	5.90 ng	158357	Acenaphthene-d10	14.754

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	80
2	Heneicosane	296	C21H44	000629-94-7	64
3	Nonadecane	268	C19H40	000629-92-5	64
4	Tetradecane	198	C14H30	000629-59-4	64
5	Hexadecane	226	C16H34	000544-76-3	58





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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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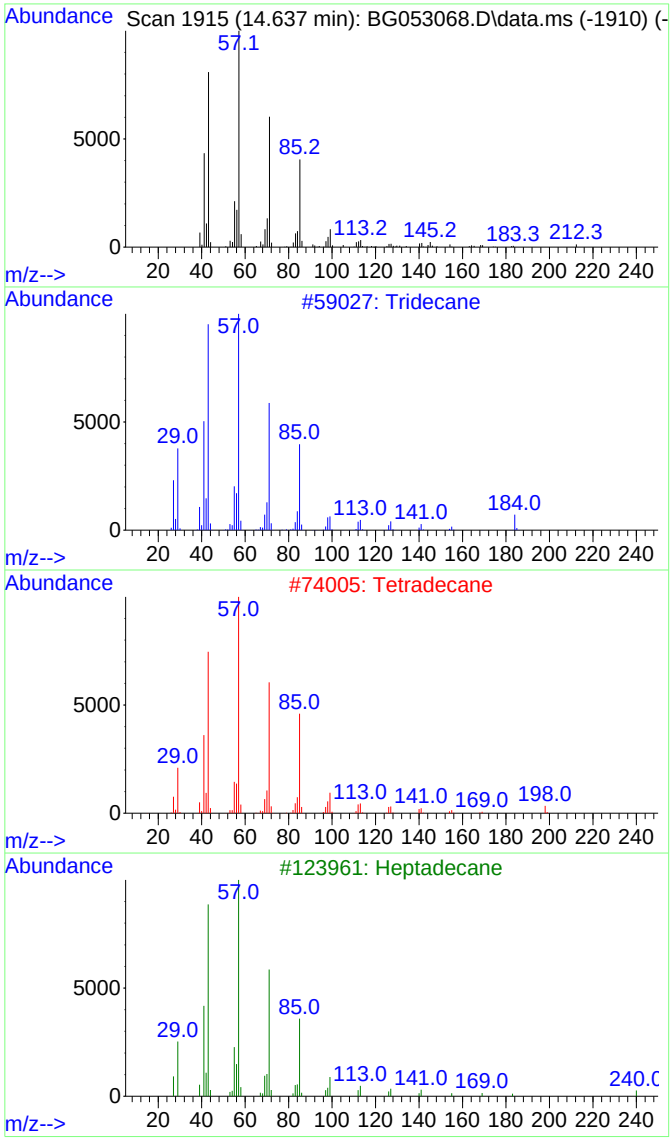
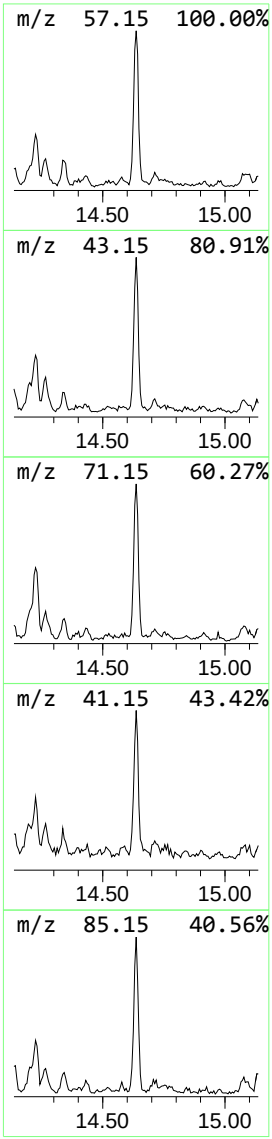
Peak Number 15 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.637	10.03 ng	269329	Acenaphthene-d10	14.754

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Heptadecane	240	C17H36	000629-78-7	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	72





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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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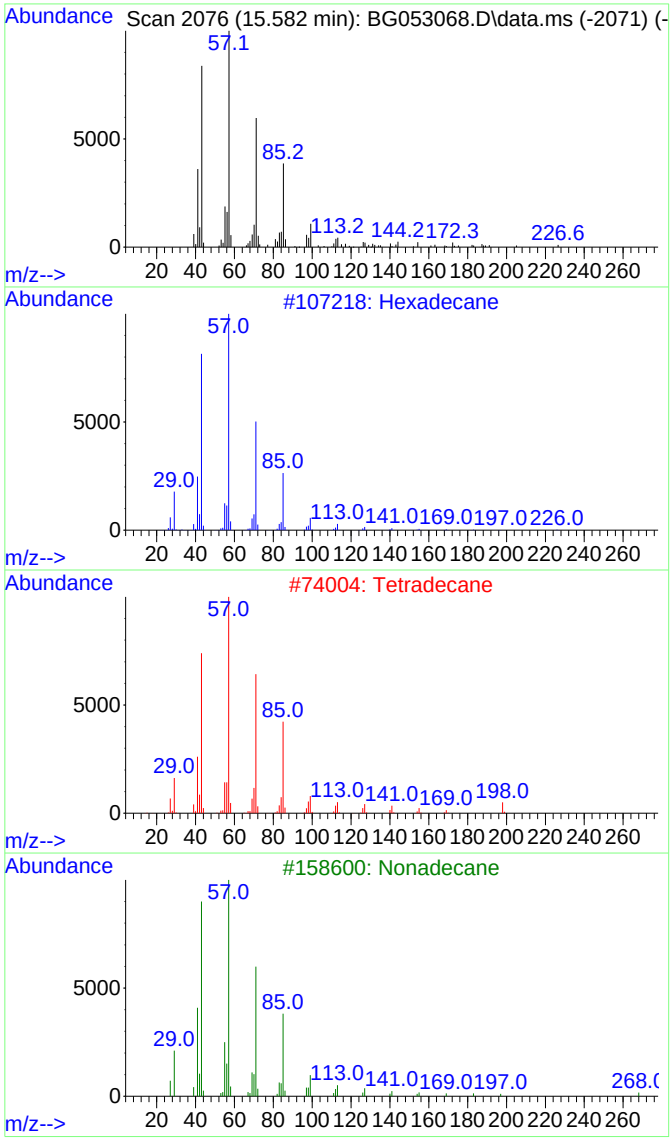
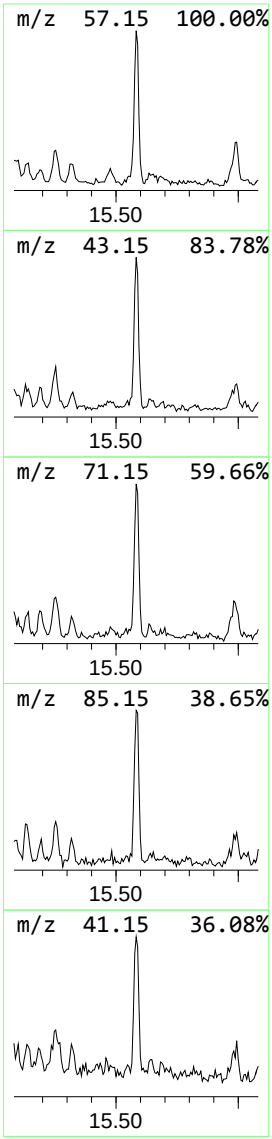
Peak Number 16 Nonadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.582	5.27 ng	141671	Acenaphthene-d10	14.754

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Tetradecane	198	C14H30	000629-59-4	86
3	Nonadecane	268	C19H40	000629-92-5	86
4	Tridecane	184	C13H28	000629-50-5	86
5	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	74





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Operator : CG/JU
Sample : N2275-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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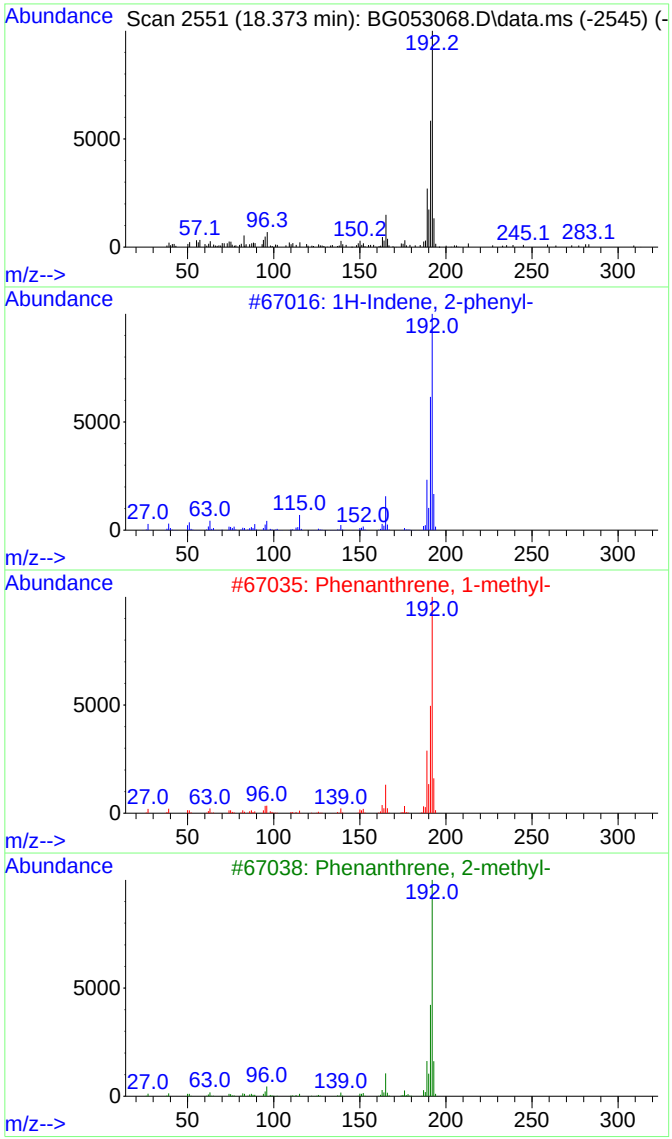
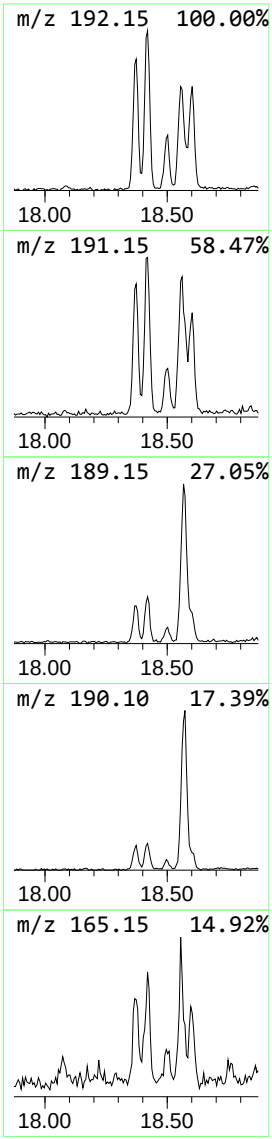
Peak Number 17 1H-Indene, 2-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.373	5.33 ng	142648	Phenanthrene-d10	17.491

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	93





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Data File : BG053068.D
Acq On : 6 Apr 2022 23:38
Operator : CG/JU
Sample : N2275-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-040522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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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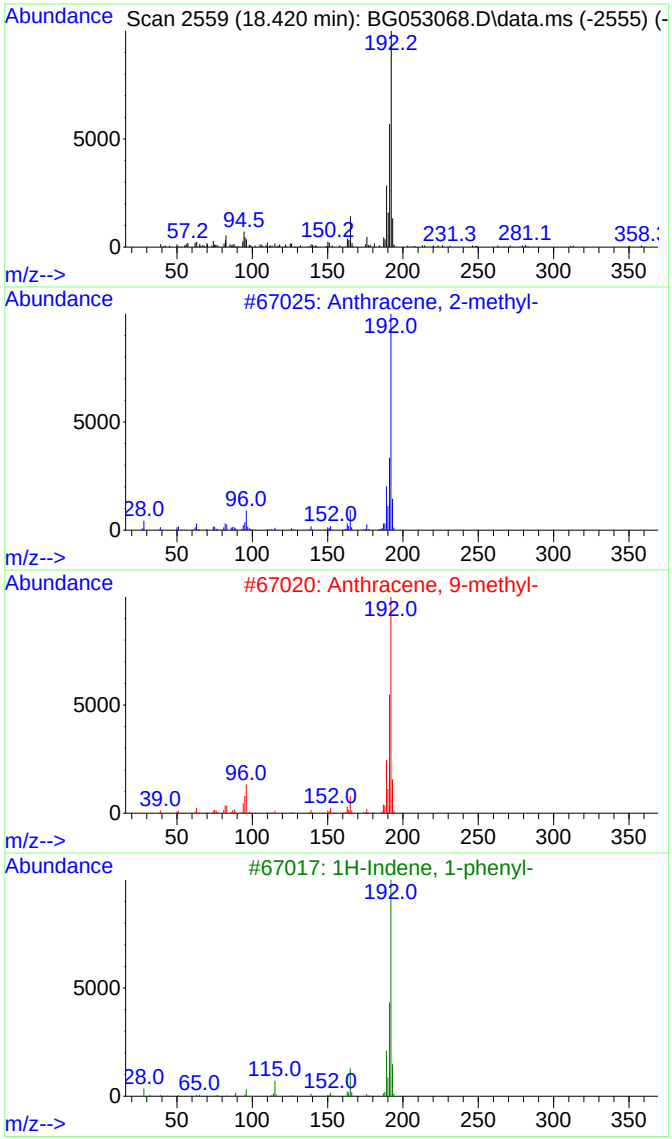
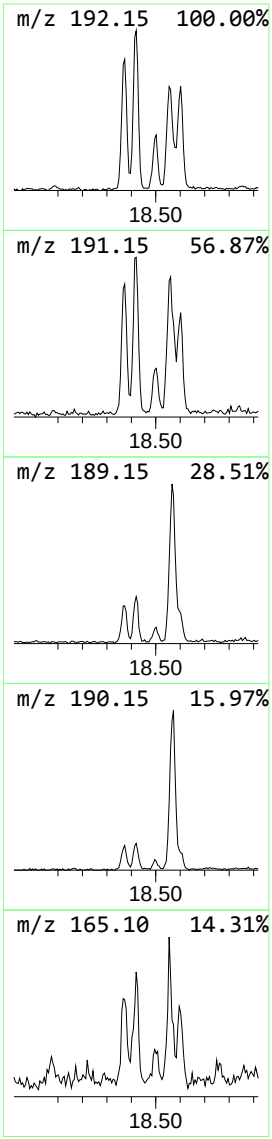
Peak Number 18 Anthracene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.420	5.36 ng	143602	Phenanthrene-d10	17.491

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90





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Acq On : 6 Apr 2022 23:38
Operator : CG/JU
Sample : N2275-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-040522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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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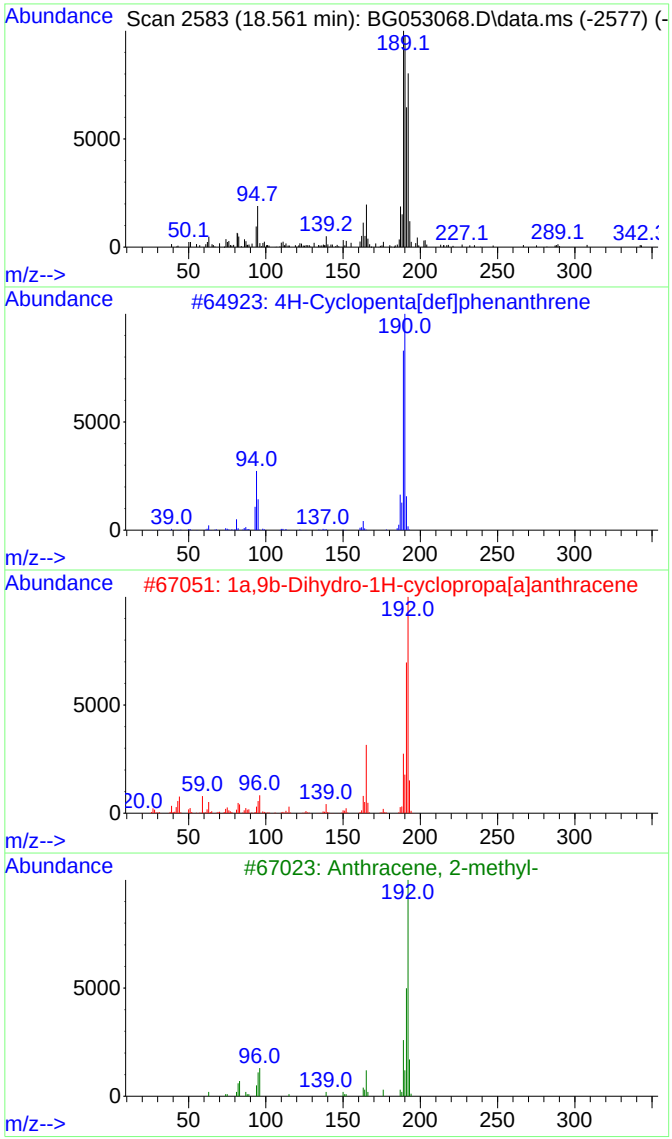
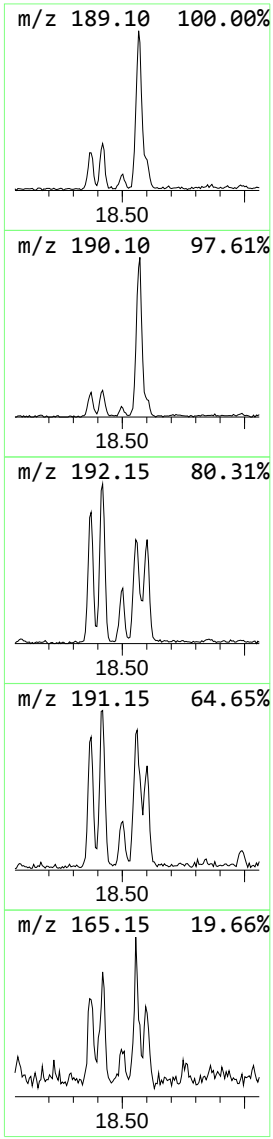
Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.561	9.09 ng	243335	Phenanthrene-d10	17.491

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	46
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	43
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	43
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
Data File : BG053068.D
Acq On : 6 Apr 2022 23:38
Operator : CG/JU
Sample : N2275-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-040522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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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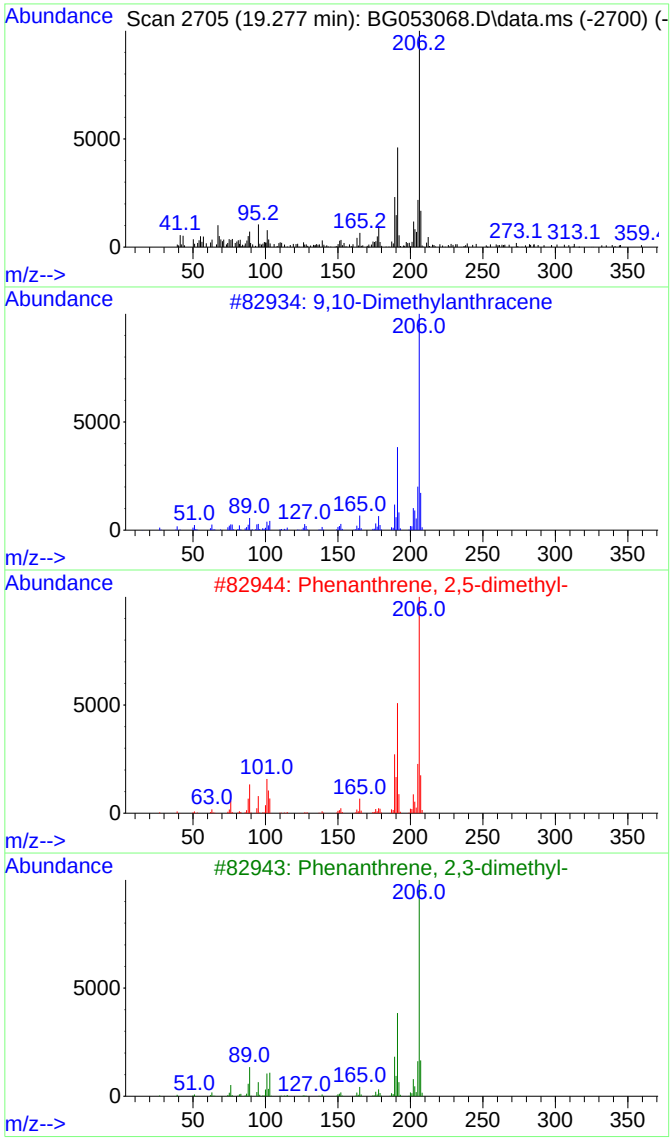
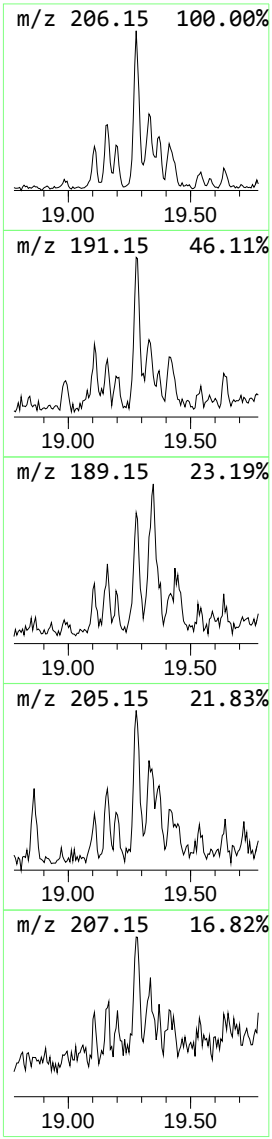
Peak Number 20 9,10-Dimethylanthracene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.277	6.07 ng	162577	Phenanthrene-d10	17.491

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
Data File : BG053068.D
Acq On : 6 Apr 2022 23:38
Operator : CG/JU
Sample : N2275-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-040522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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
Undecane	7.752	8.3	ng	124568	1	8.128	301030	20.0
unknown8.662	8.662	7.9	ng	119452	1	8.128	301030	20.0
unknown8.786	8.786	7.2	ng	108532	1	8.128	301030	20.0
Decane, 3-methyl-	8.897	5.4	ng	81617	1	8.128	301030	20.0
Tridecane	9.361	30.0	ng	451571	1	8.128	301030	20.0
Benzene, 1,3-di...	9.491	6.6	ng	98981	1	8.128	301030	20.0
unknown10.354	10.354	6.6	ng	222190	2	10.947	670027	20.0
Undecane, 3,6-d...	11.094	6.7	ng	224882	2	10.947	670027	20.0
unknown11.846	11.846	5.6	ng	187211	2	10.947	670027	20.0
Dodecane, 2,6,1...	11.952	6.9	ng	230395	2	10.947	670027	20.0
Tetradecane	12.345	17.7	ng	591974	2	10.947	670027	20.0
Dodecane, 2,7,1...	13.291	8.2	ng	219946	3	14.754	537172	20.0
Hexadecane	13.573	18.4	ng	493186	3	14.754	537172	20.0
Tritetracontane	14.225	5.9	ng	158357	3	14.754	537172	20.0
Heptadecane	14.637	10.0	ng	269329	3	14.754	537172	20.0
Nonadecane	15.582	5.3	ng	141671	3	14.754	537172	20.0
1H-Indene, 2-ph...	18.373	5.3	ng	142648	4	17.491	535504	20.0
Anthracene, 2-m...	18.420	5.4	ng	143602	4	17.491	535504	20.0
4H-Cyclopenta[d...	18.561	9.1	ng	243335	4	17.491	535504	20.0
9,10-Dimethylan...	19.277	6.1	ng	162577	4	17.491	535504	20.0