LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070519\
Data File : BG041610.D
Acq On : 5 Jul 2019 14:08
Operator : HP/JU
Sample : K3682-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D-2-ROLL-OFF-2-STOCK-PILE

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-BG062619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.652	91	96	104	rBV	78830	125562	10.46%	0.996%
2	5.556	414	420	434	rBV	355911	582885	48.57%	4.624%
3	7.177	689	696	711	rVB	377646	660101	55.00%	5.237%
4	7.542	752	758	770	rVB	366454	645815	53.81%	5.123%
5	8.018	832	839	846	rBV	104991	182910	15.24%	1.451%
6	8.341	885	894	904	rBV	260003	461087	38.42%	3.658%
7	9.199	1033	1040	1051	rBV	228391	417563	34.79%	3.313%
8	10.838	1311	1319	1327	rBV	129897	228783	19.06%	1.815%
9	11.801	1478	1483	1489	rVB4	7587	14504	1.21%	0.115%
10	12.207	1547	1552	1556	rVB3	11953	16744	1.40%	0.133%
11	13.153	1708	1713	1718	rVB3	15214	22961	1.91%	0.182%
12	13.282	1728	1735	1744	rVB	516953	785260	65.43%	6.230%
13	13.441	1753	1762	1768	rBV2	37686	66798	5.57%	0.530%
14	13.599	1784	1789	1795	rVB7	8190	15875	1.32%	0.126%
15	13.975	1847	1853	1857	rBV7	6962	12902	1.08%	0.102%
16	14.105	1865	1875	1881	rBV	84706	161258	13.44%	1.279%
17	14.152	1881	1883	1889	rVB6	12254	17954	1.50%	0.142%
18	14.216	1889	1894	1900	rBV7	14217	25093	2.09%	0.199%
19	14.398	1918	1925	1930	rBV	64581	129185	10.76%	1.025%
20	14.510	1940	1944	1954	rVB	68745	103448	8.62%	0.821%
21	14.586	1954	1957	1961	rBV6	7767	13537	1.13%	0.107%
22	14.663	1963	1970	1977	rVB2	214389	338897	28.24%	2.689%
23	14.780	1987	1990	1997	rVB8	9059	17095	1.42%	0.136%
24	14.863	1998	2004	2010	rVB10	7953	16917	1.41%	0.134%
25	14.974	2013	2023	2025	rBV8	14411	34925	2.91%	0.277%
26	15.015	2025	2030	2033	rVV6	16807	28940	2.41%	0.230%
27	15.062	2033	2038	2043	rVB8	16967	36774	3.06%	0.292%
28	15.127	2045	2049	2056	rVV8	30242	59655	4.97%	0.473%
29	15.197	2059	2061	2067	rVB6	14010	17461	1.45%	0.139%
30	15.427	2096	2100	2102	rBV5	10139	15130	1.26%	0.120%
31	15.462	2102	2106	2111	rVV	107979	141708	11.81%	1.124%
32	15.521	2111	2116	2120	rVB8	11093	17310	1.44%	0.137%
33	15.579	2120	2126	2131	rBV10	15735	36660	3.05%	0.291%
34	15.867	2166	2175	2179	rBV2	59983	129760	10.81%	1.029%

LSC Area Percent Report

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Operator : HP/JU
Sample : K3682-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D-2-ROLL-OFF-2-STOCK-PILE

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-BG062619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.908	2179	2182	2186	rVB5	13252	21917	1.83%	0.174%
36	15.961	2188	2191	2194	rBV5	16974	22007	1.83%	0.175%
37	16.020	2198	2201	2204	rVV5	12520	12873	1.07%	0.102%
38	16.090	2209	2213	2218	rVB8	19348	28084	2.34%	0.223%
39	16.155	2218	2224	2231	rBV	633975	937780	78.14%	7.440%
40	16.273	2241	2244	2248	rBV5	7994	12544	1.05%	0.100%
41	16.326	2248	2253	2264	rVV2	141360	314705	26.22%	2.497%
42	16.584	2294	2297	2299	rBV3	9240	12238	1.02%	0.097%
43	16.666	2307	2311	2314	rBV6	16980	26200	2.18%	0.208%
44	16.731	2319	2322	2324	rVB4	18008	21609	1.80%	0.171%
45	16.831	2337	2339	2346	rVB8	26207	35466	2.96%	0.281%
46	16.901	2348	2351	2355	rVV6	15127	21382	1.78%	0.170%
47	17.119	2384	2388	2392	rBV	139202	165674	13.80%	1.314%
48	17.166	2392	2396	2400	rVV	83309	115058	9.59%	0.913%
49	17.207	2400	2403	2409	rVB8	14124	20155	1.68%	0.160%
50	17.412	2432	2438	2443	rBV2	304994	446717	37.22%	3.544%
51	17.589	2466	2468	2474	rVB6	21609	33908	2.83%	0.269%
52	17.653	2476	2479	2480	rBV2	18211	18496	1.54%	0.147%
53	17.730	2490	2492	2495	rVB3	14003	12513	1.04%	0.099%
54	17.771	2496	2499	2502	rBV4	18196	22103	1.84%	0.175%
55	17.859	2510	2514	2523	rVB	142465	191464	15.95%	1.519%
56	18.270	2579	2584	2592	rBV3	120356	239713	19.97%	1.902%
57	18.394	2601	2605	2613	rVB	55794	106159	8.85%	0.842%
58	18.546	2627	2631	2635	rBV	128470	148798	12.40%	1.180%
59	19.175	2734	2738	2742	rBV2	147624	203610	16.96%	1.615%
60	19.228	2744	2747	2754	rVB2	82234	145456	12.12%	1.154%
61	19.539	2794	2800	2808	rBV2	181670	318745	26.56%	2.529%
62	19.751	2833	2836	2840	rVB	98454	97270	8.10%	0.772%
63	20.009	2875	2880	2886	rBV	931112	1200184	100.00%	9.521%
64	20.280	2923	2926	2930	rVB2	76470	80576	6.71%	0.639%
65	20.773	3007	3010	3015	rVB2	44290	46671	3.89%	0.370%
66	21.273	3092	3095	3098	rVB3	32162	35318	2.94%	0.280%
67	21.684	3158	3165	3173	rVB	363734	623329	51.94%	4.945%
68	21.819	3184	3188	3193	rVB	57829	84336	7.03%	0.669%
69	22.424	3284	3291	3299	rBV	90309	171339	14.28%	1.359%
70	23.118	3403	3409	3416	rBV2	67720	126246	10.52%	1.002%
71	23.264	3430	3434	3442	rVB3	33866	64028	5.33%	0.508%

LSC Area Percent Report

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Operator : HP/JU
Sample : K3682-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D-2-ROLL-OFF-2-STOCK-PILE

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
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72	23.917	3541	3545	3554	rVB3	61339	129763	10.81%	1.029%
73	24.874	3702	3708	3713	rBV3	38354	83732	6.98%	0.664%
74	24.957	3713	3722	3730	rVB	207542	546642	45.55%	4.337%
75	26.002	3896	3900	3910	rVB7	28901	79142	6.59%	0.628%

Sum of corrected areas: 12605407

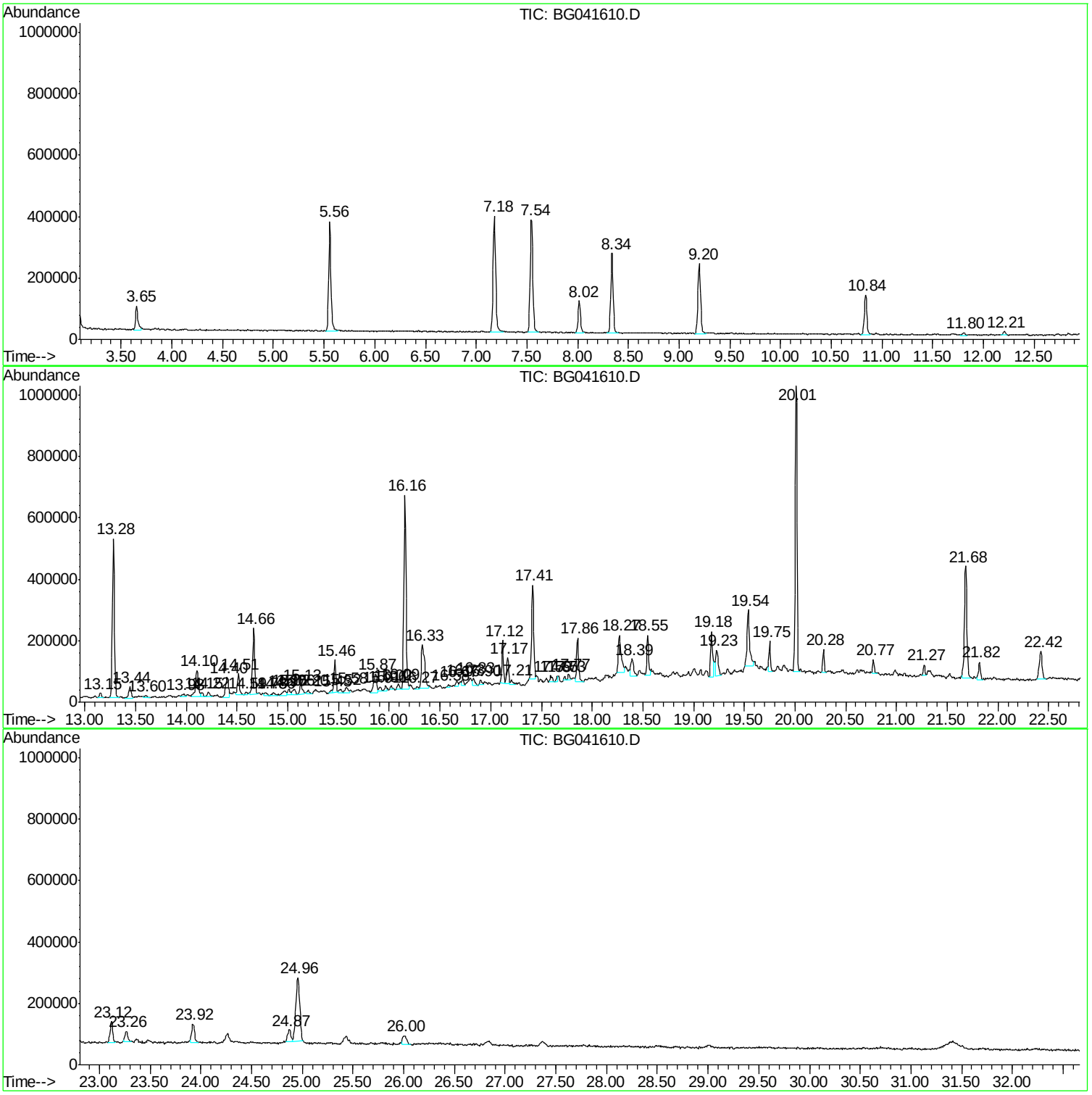
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070519\
Data File : BG041610.D
Acq On : 5 Jul 2019 14:08
Operator : HP/JU
Sample : K3682-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D-2-ROLL-OFF-2-STOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070519\
Data File : BG041610.D
Acq On : 5 Jul 2019 14:08
Operator : HP/JU
Sample : K3682-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D-2-ROLL-OFF-2-STOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

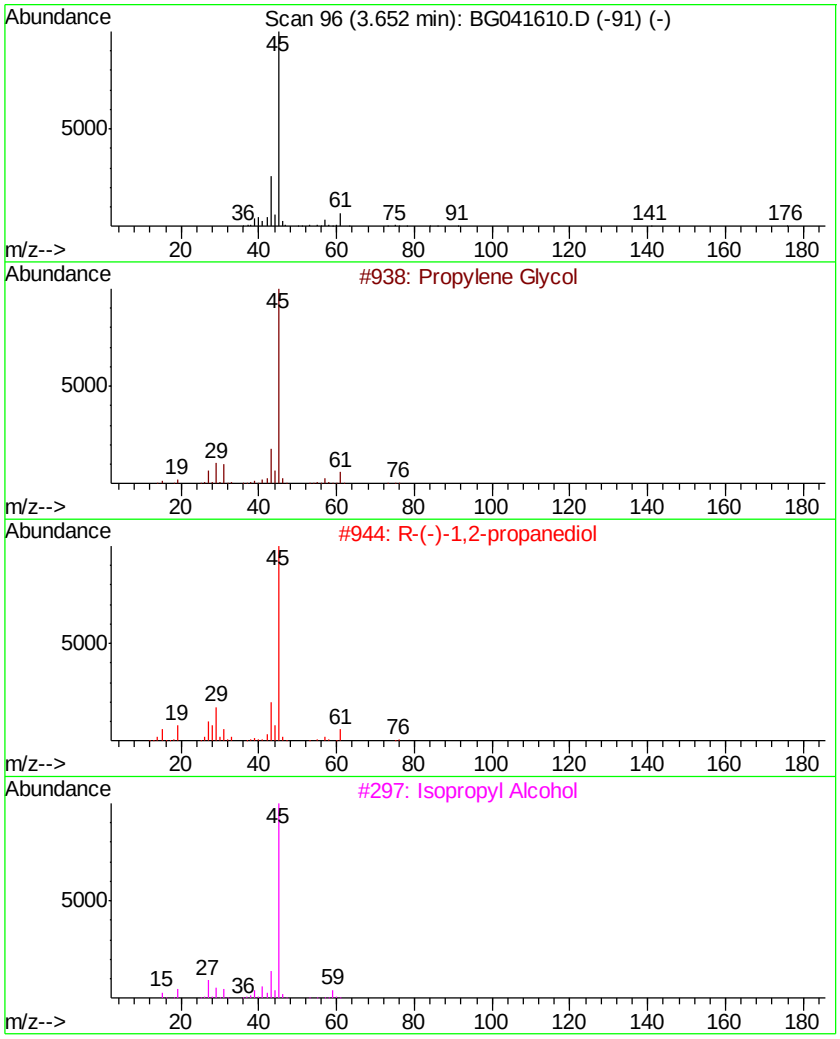
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

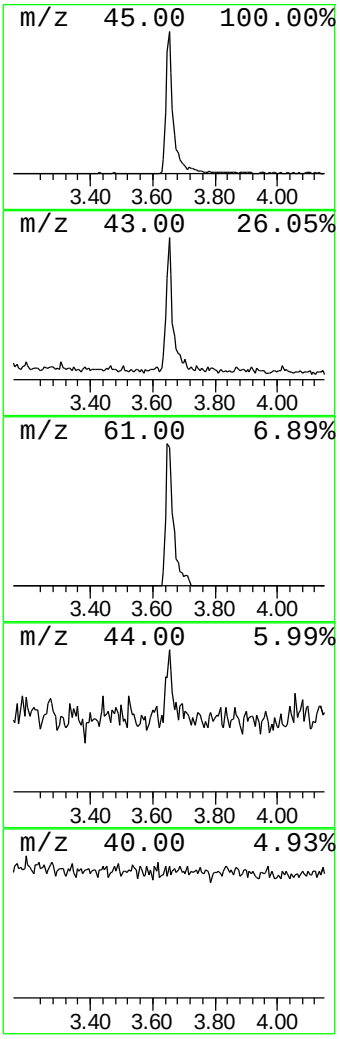
****

Peak Number 1 Propylene Glycol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	13.73 ng	125562	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	80
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4	2-Heptanol, (S)-	116	C7H16O	006033-23-4	9
5	Hexane, 1-methoxy-	116	C7H16O	004747-07-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070519\
Data File : BG041610.D
Acq On : 5 Jul 2019 14:08
Operator : HP/JU
Sample : K3682-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D-2-ROLL-OFF-2-STOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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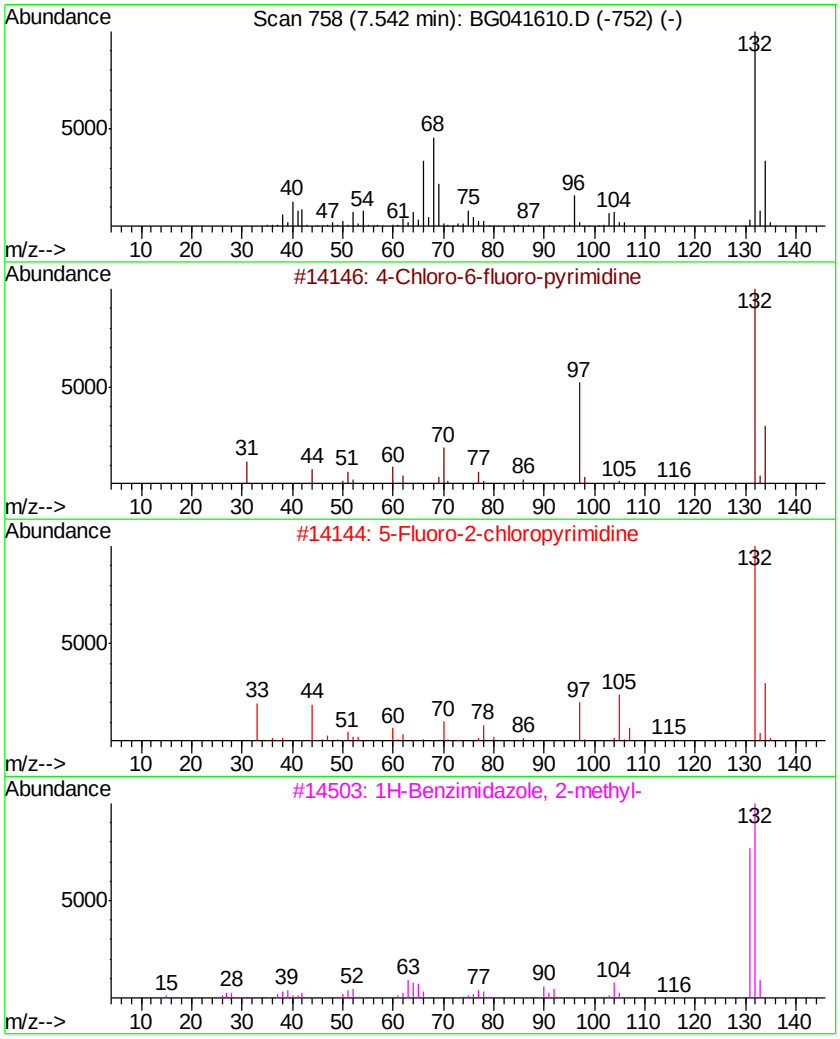
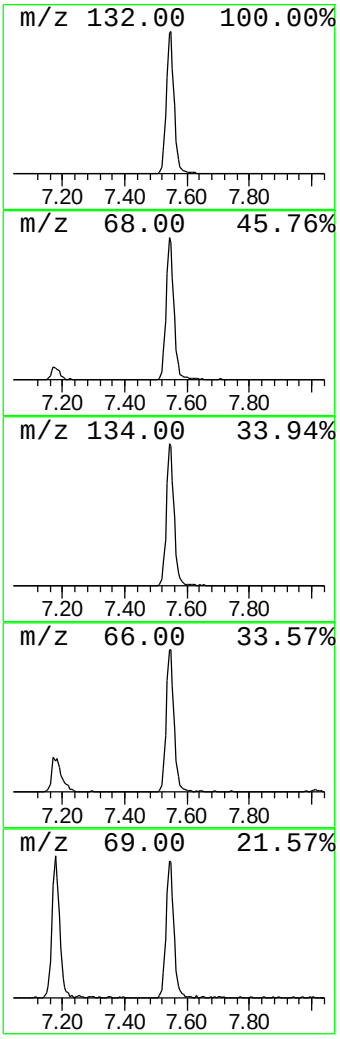
Peak Number 2 unknown7.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	70.62 ng	645815	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	14





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070519\
Data File : BG041610.D
Acq On : 5 Jul 2019 14:08
Operator : HP/JU
Sample : K3682-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D-2-ROLL-OFF-2-STOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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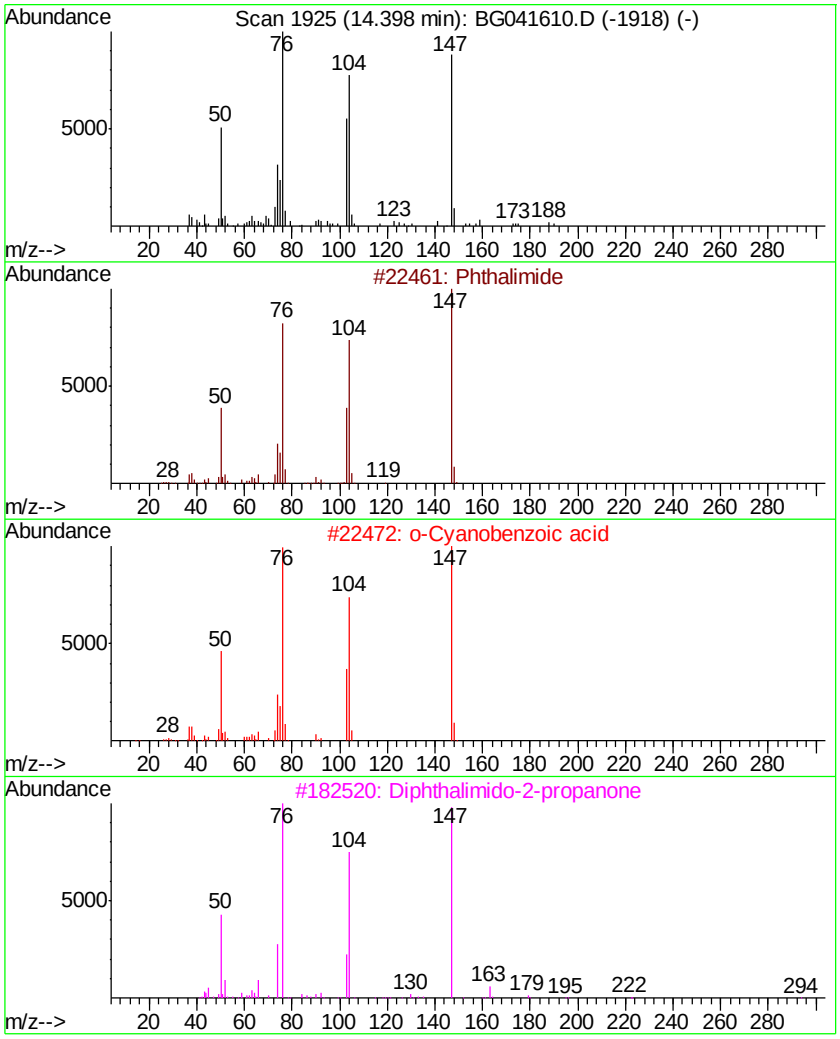
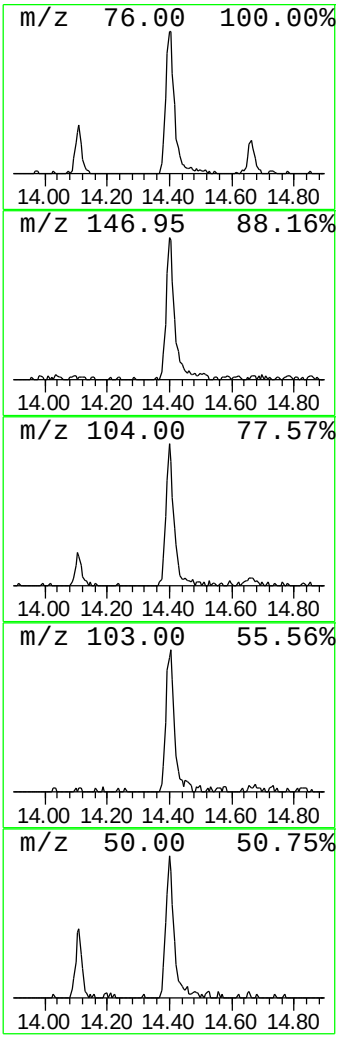
Peak Number 4 Phthalimide Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	7.62 ng	129185	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalimide	147	C8H5NO2	000085-41-6	94
2	o-Cyanobenzoic acid	147	C8H5NO2	003839-22-3	91
3	Diphthalimido-2-propanone	348	C19H12N2O5	166195-14-8	86
4	3-Phenyl-2-ethoxypropylphthalimide	309	C19H19NO3	1000227-41-7	78
5	N,N'-(2-Hydroxytrimethylene)diph...	350	C19H14N2O5	073825-95-3	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070519\
Data File : BG041610.D
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Sample : K3682-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D-2-ROLL-OFF-2-STOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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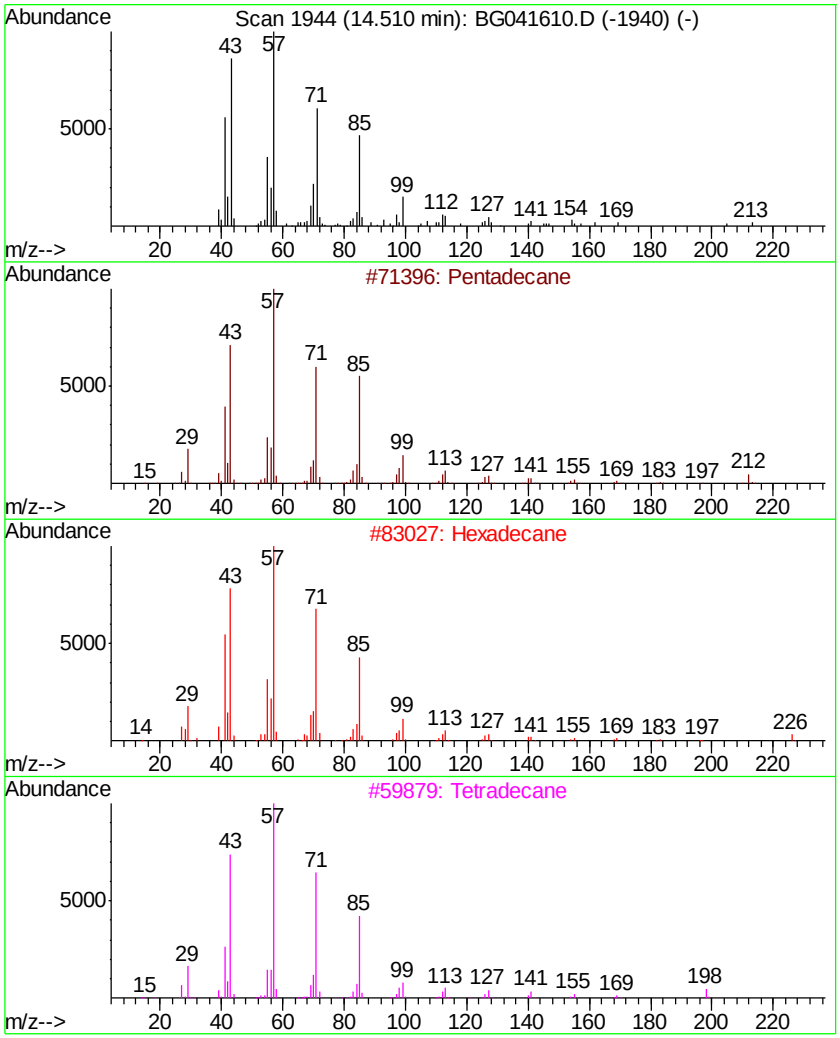
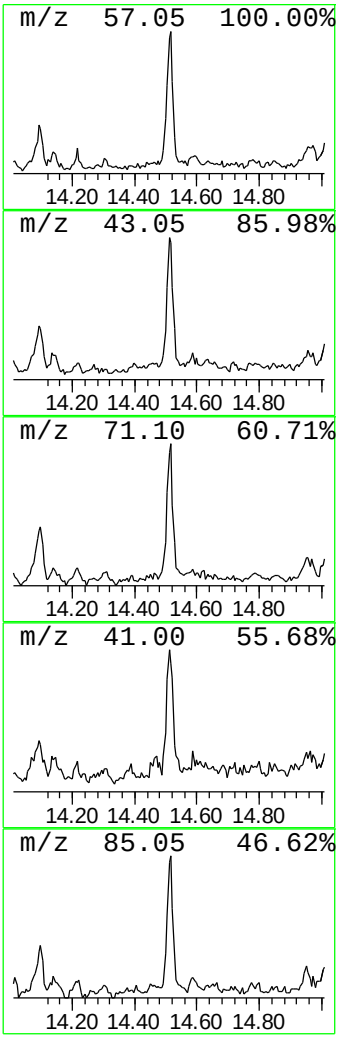
Peak Number 5 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	6.10 ng	103448	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tetradecane	198	C14H30	000629-59-4	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070519\
Data File : BG041610.D
Acq On : 5 Jul 2019 14:08
Operator : HP/JU
Sample : K3682-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D-2-ROLL-OFF-2-STOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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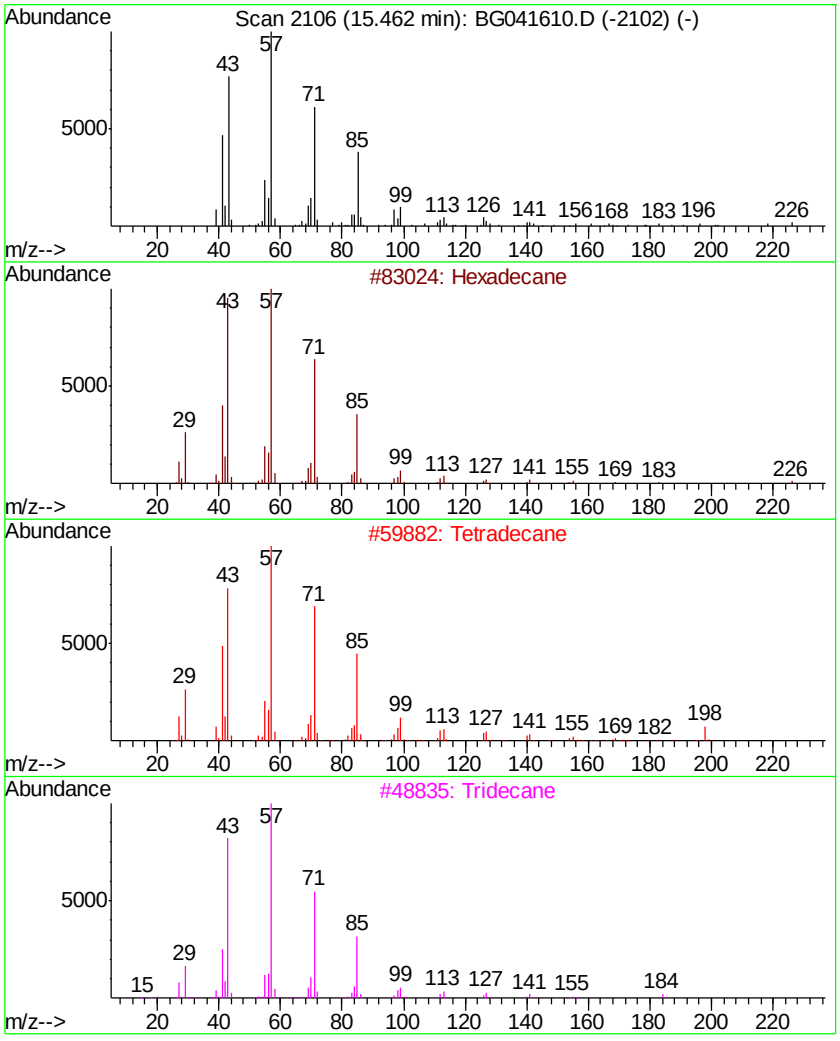
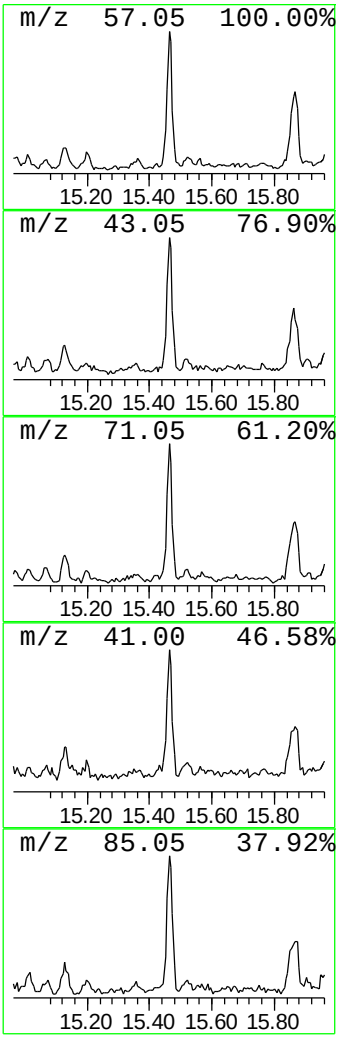
Peak Number 6 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	8.36 ng	141708	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Tetradecane	198	C14H30	000629-59-4	86
3	Tridecane	184	C13H28	000629-50-5	86
4	Heneicosane	296	C21H44	000629-94-7	80
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070519\
Data File : BG041610.D
Acq On : 5 Jul 2019 14:08
Operator : HP/JU
Sample : K3682-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D-2-ROLL-OFF-2-STOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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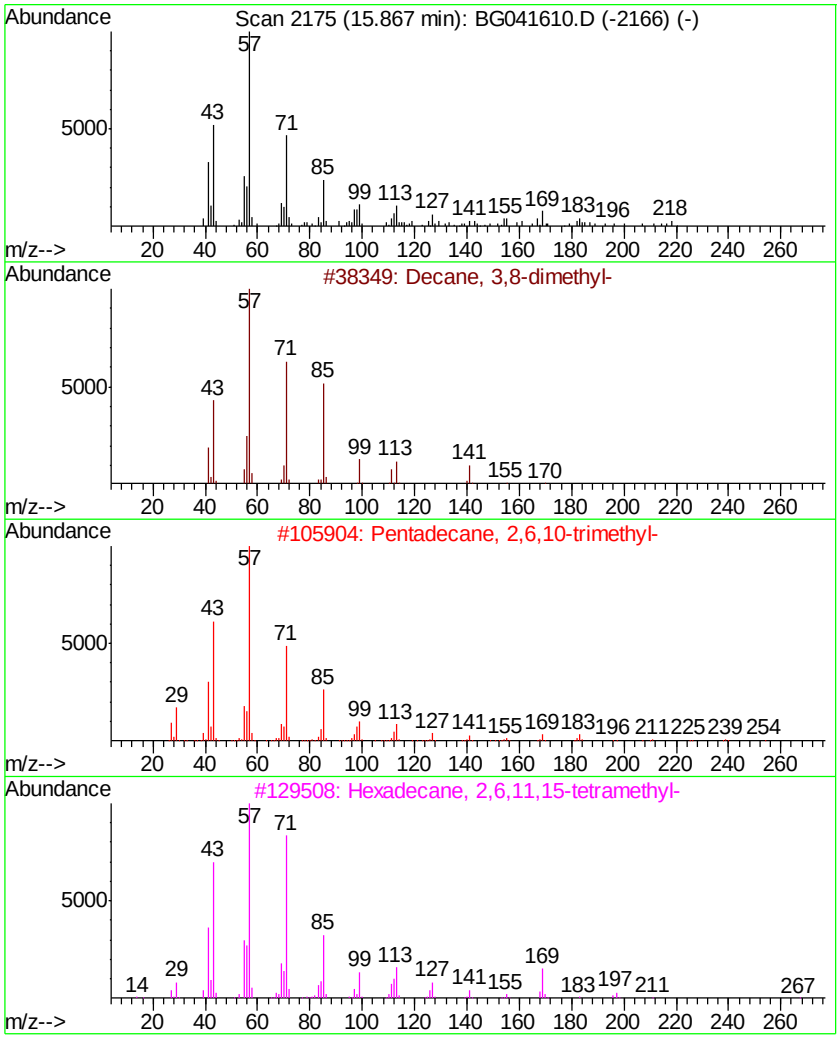
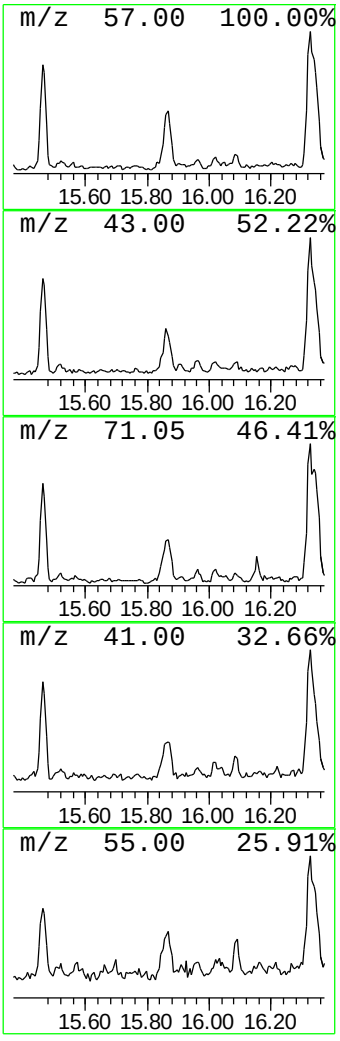
Peak Number 7 Decane, 3,8-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	7.66 ng	129760	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	90
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	83
4	Octane, 2-methyl-	128	C9H20	003221-61-2	80
5	2,6-Dimethyldecane	170	C12H26	013150-81-7	76





Library Search Compound Report

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Data File : BG041610.D
Acq On : 5 Jul 2019 14:08
Operator : HP/JU
Sample : K3682-01
Misc :
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Instrument : BNA_G
ClientSampleId : D-2-ROLL-OFF-2-STOCK-PILE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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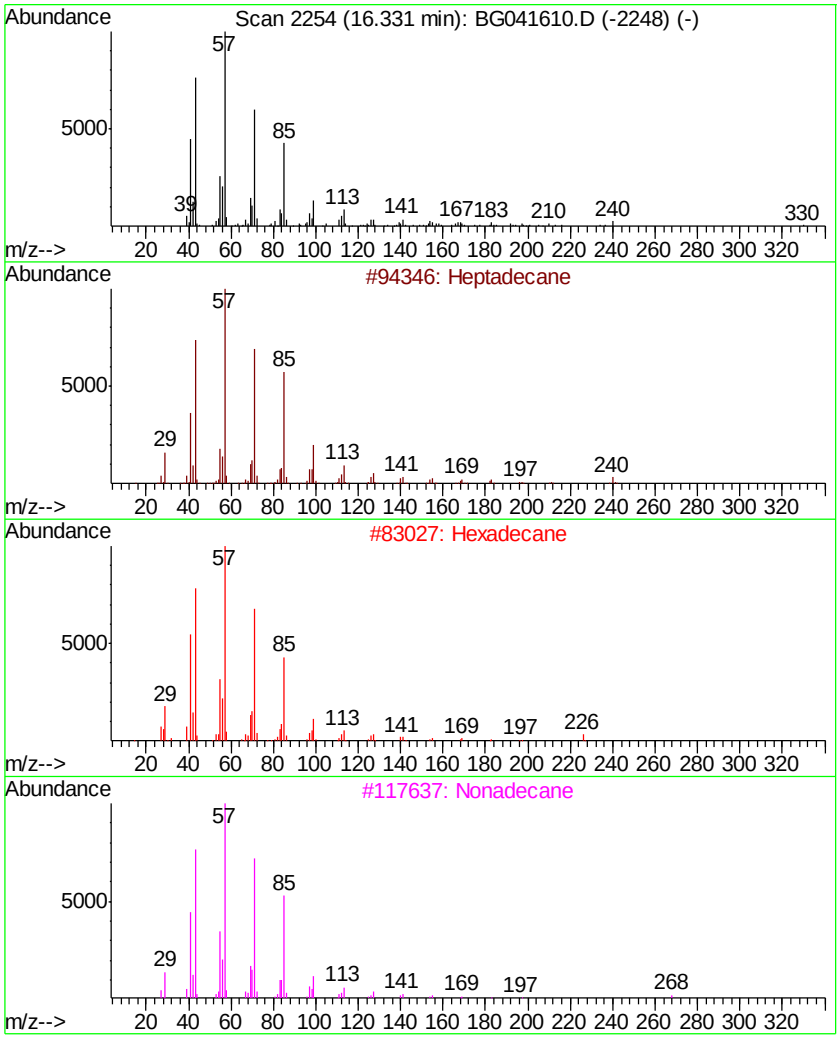
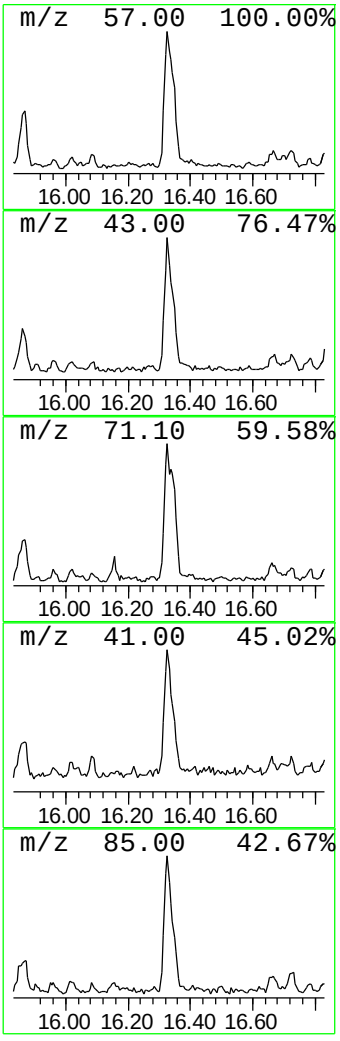
Peak Number 8 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	14.09 ng	314705	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Hexadecane	226	C16H34	000544-76-3	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Tetradecane	198	C14H30	000629-59-4	87
5	10-Methylnonadecane	282	C20H42	056862-62-5	87





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ALS Vial : 3 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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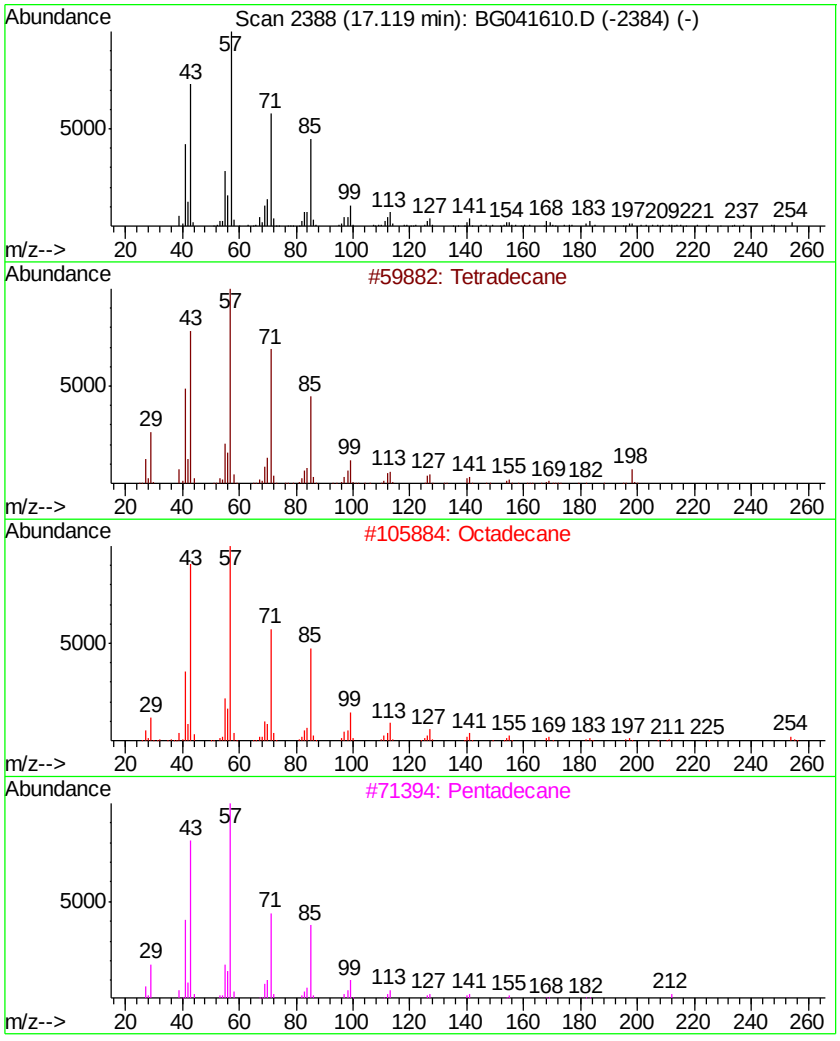
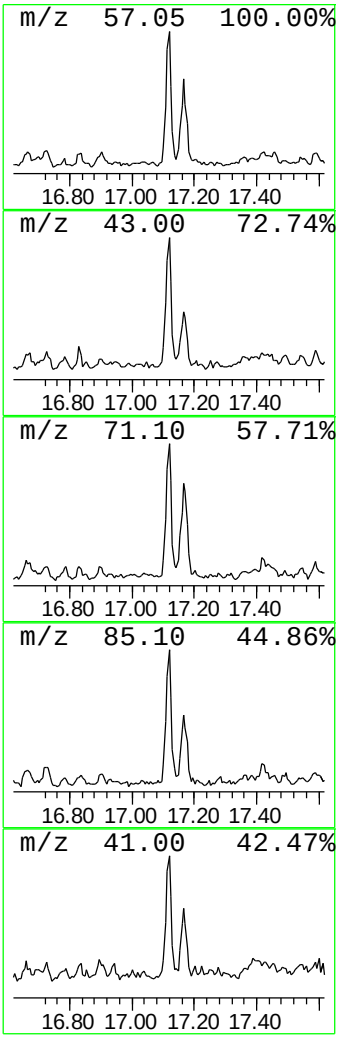
Peak Number 9 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.12	7.42 ng	165674	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Octadecane	254	C18H38	000593-45-3	96
3	Pentadecane	212	C15H32	000629-62-9	94
4	Eicosane	282	C20H42	000112-95-8	90
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90





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ClientSampleId : D-2-ROLL-OFF-2-STOCK-PILE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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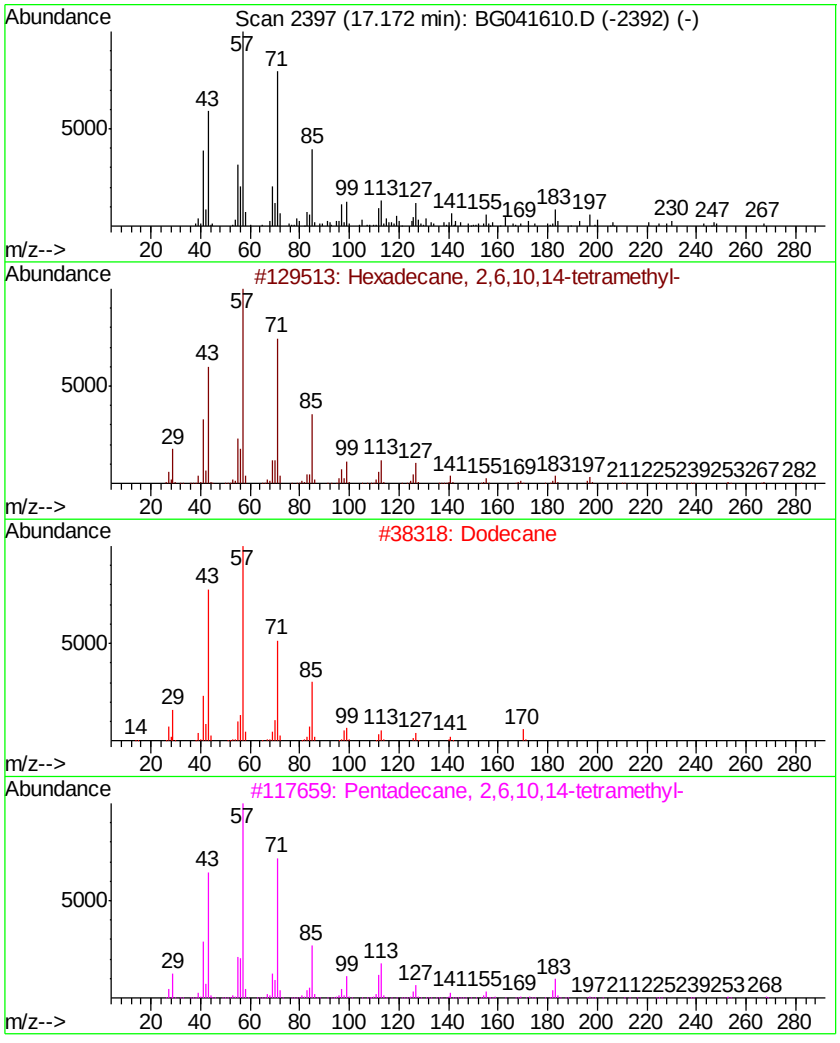
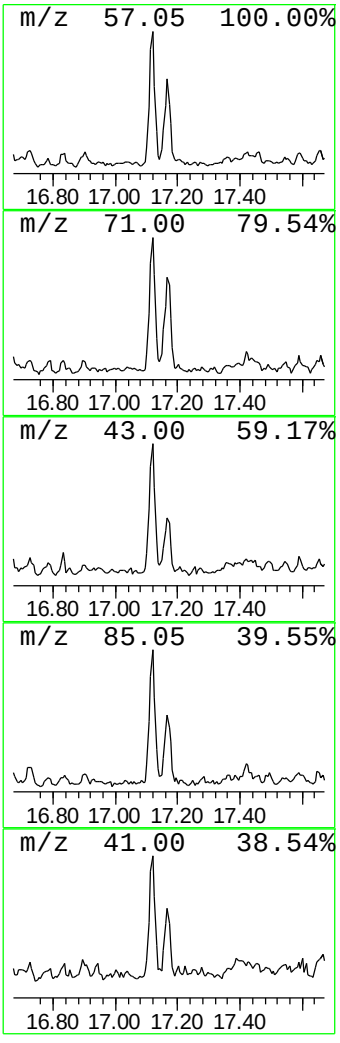
Peak Number 10 Hexadecane, 2,6,10,14-tetra... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	5.15 ng	115058	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
2	Dodecane	170	C12H26	000112-40-3	74
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
4	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	68
5	Triacontane	422	C30H62	000638-68-6	64





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Instrument : BNA_G
ClientSampleId : D-2-ROLL-OFF-2-STOCK-PILE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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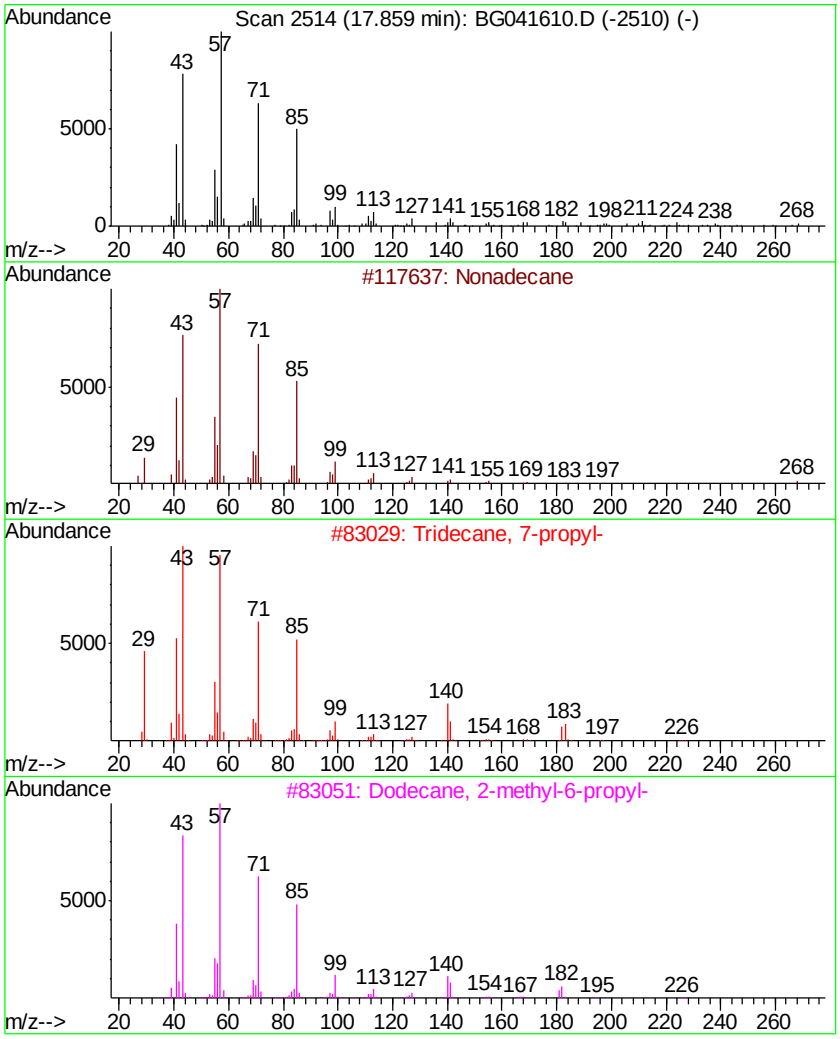
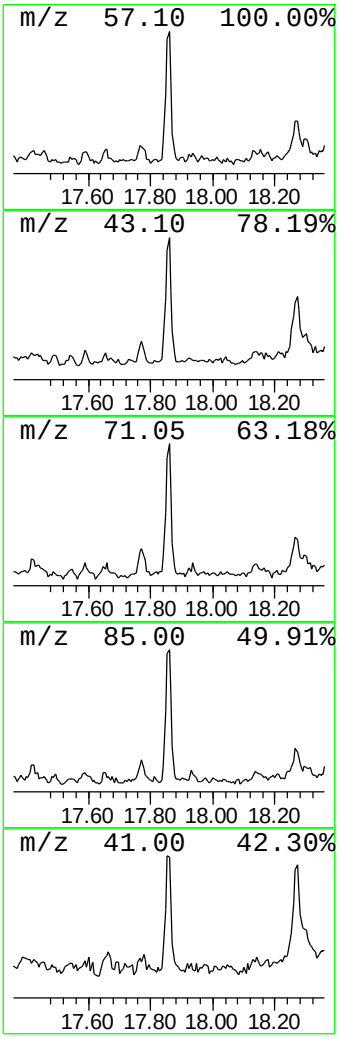
Peak Number 11 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	8.57 ng	191464	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
4	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	83
5	Eicosane	282	C20H42	000112-95-8	83





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

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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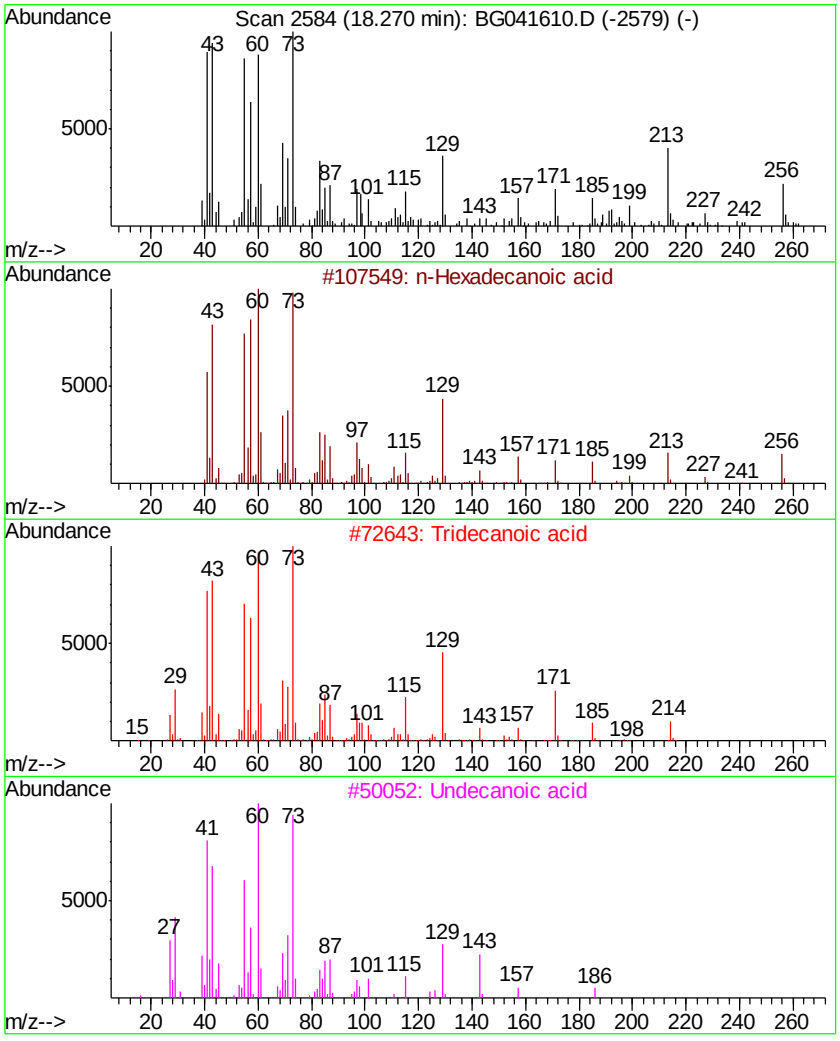
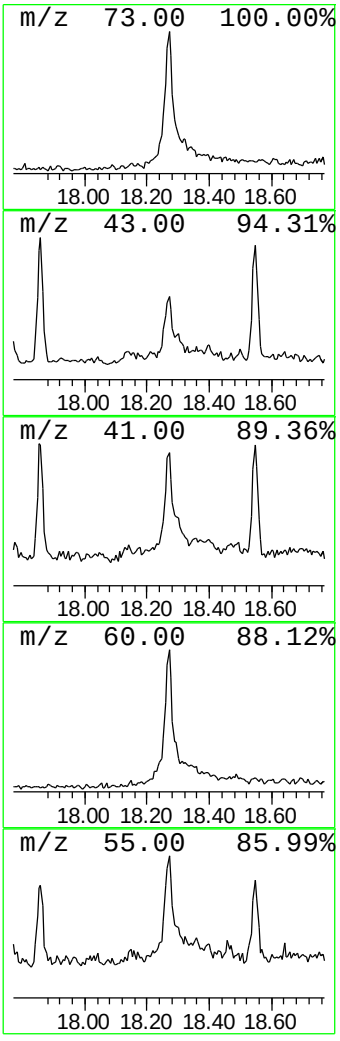
Peak Number 12 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	10.73 ng	239713	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Undecanoic acid	186	C11H22O2	000112-37-8	60
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	53





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ClientSampleId : D-2-ROLL-OFF-2-STOCK-PILE

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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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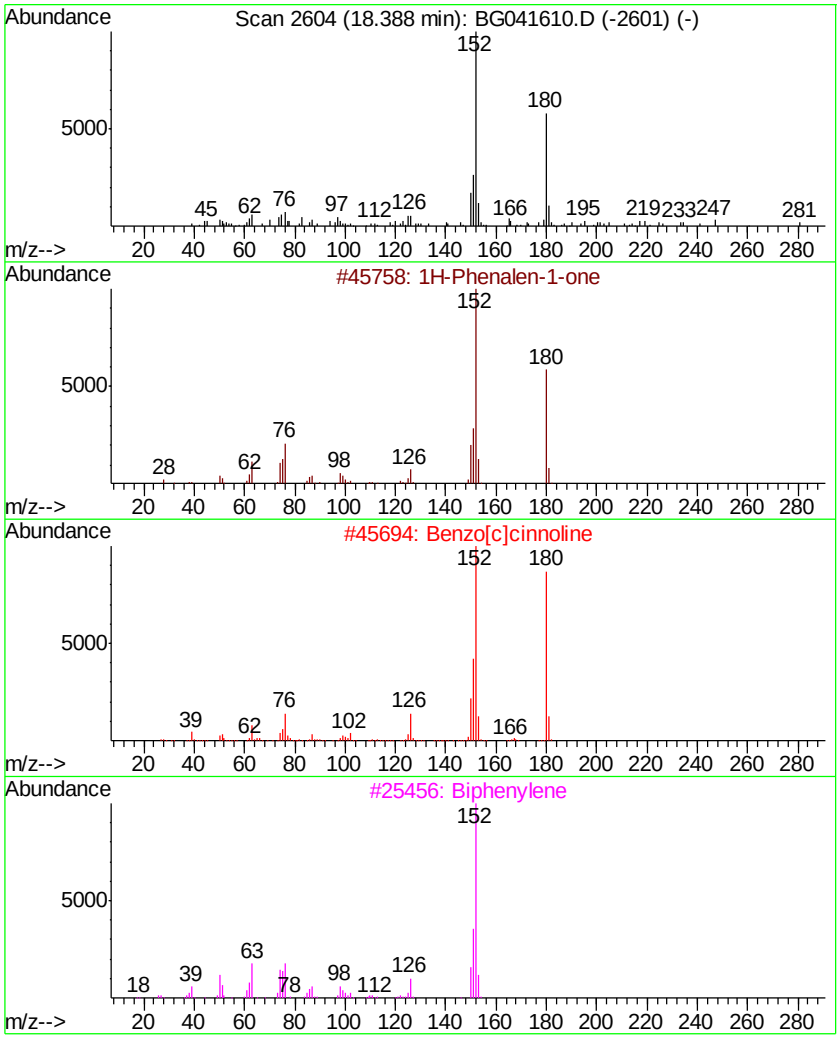
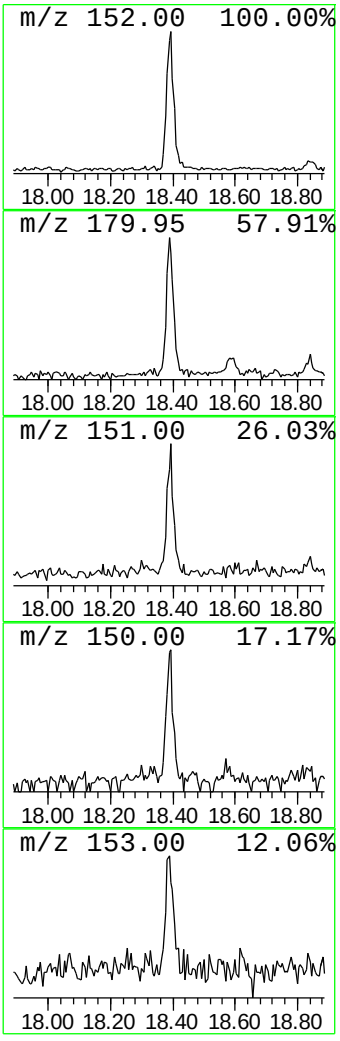
Peak Number 13 1H-Phenalen-1-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	4.75 ng	106159	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalen-1-one	180	C13H8O	000548-39-0	91
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	58
3	Biphenylene	152	C12H8	000259-79-0	47
4	l-Proline, n-propargyloxycarbony...	239	C12H17NO4	1000328-16-9	38
5	Pyrazolo[3,4-d]pyrimidine-3,4(2H...	152	C5H4N4O2	128850-53-3	35





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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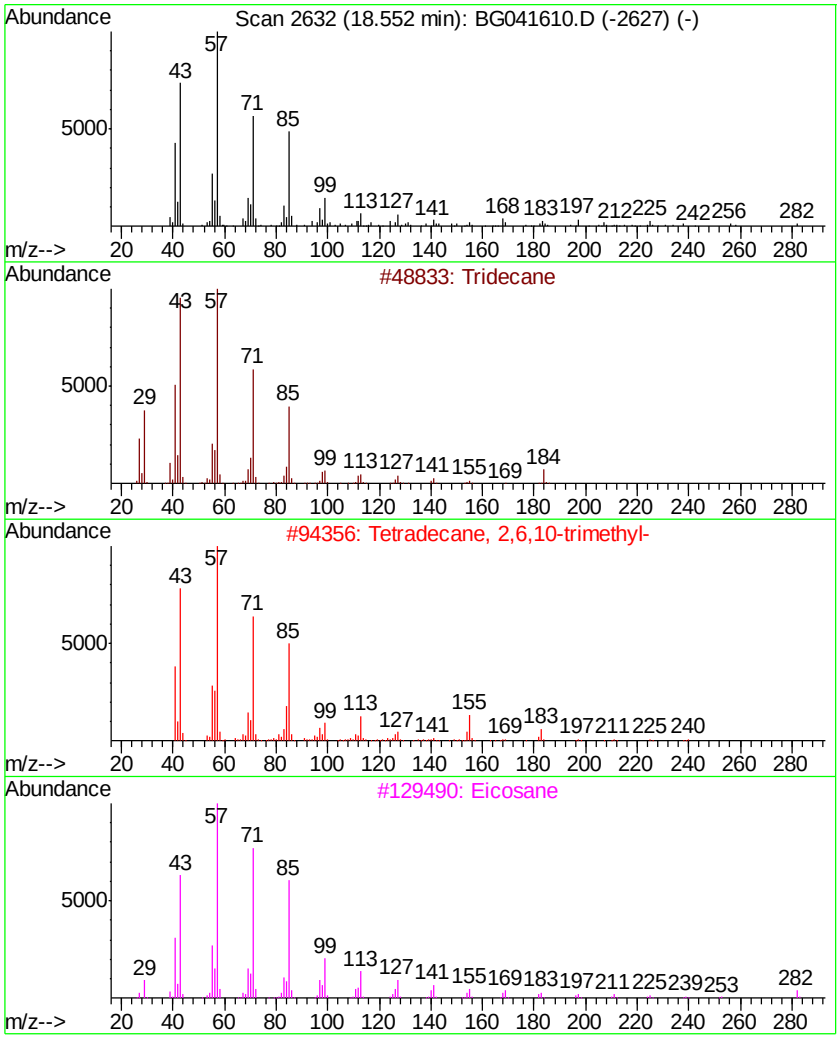
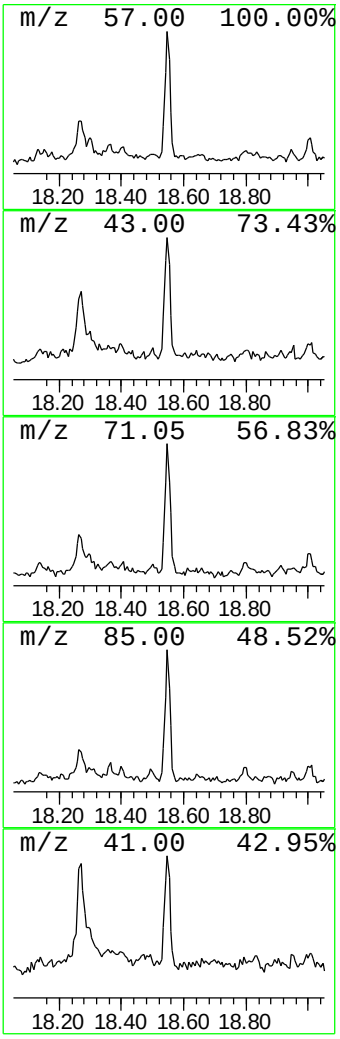
Peak Number 14 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	6.66 ng	148798	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
5	Octacosane	394	C28H58	000630-02-4	87





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Misc :
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Instrument : BNA_G
ClientSampleId : D-2-ROLL-OFF-2-STOCK-PILE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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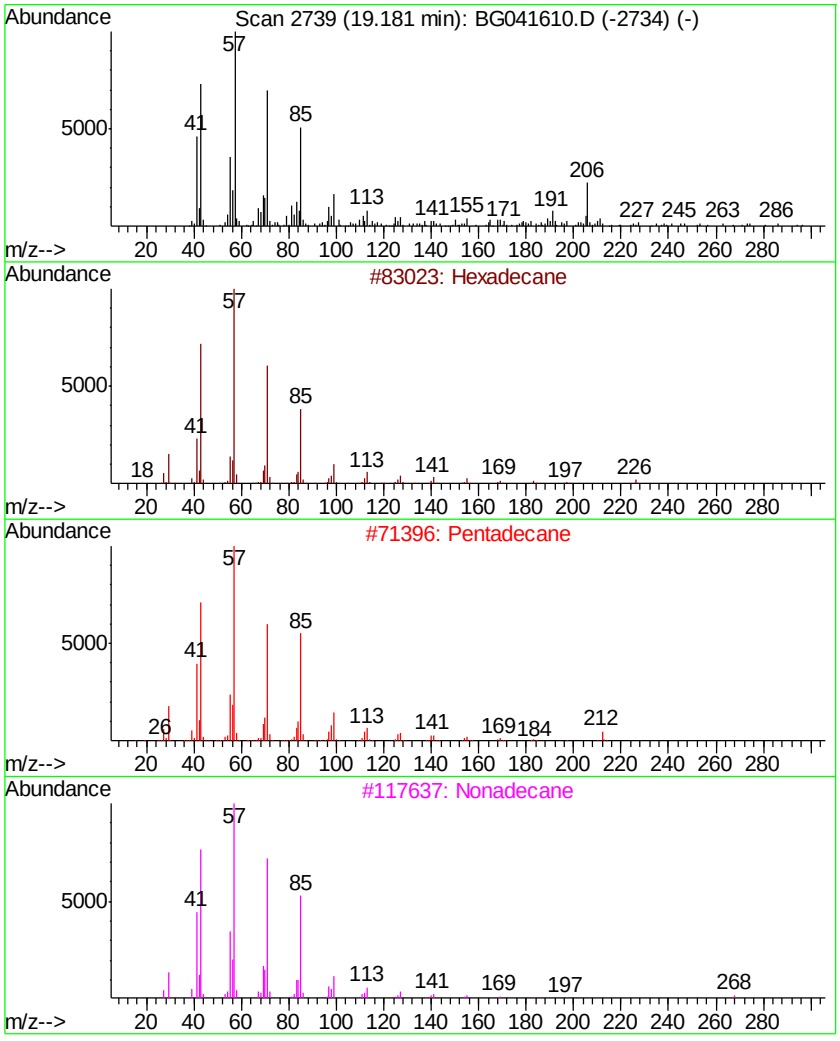
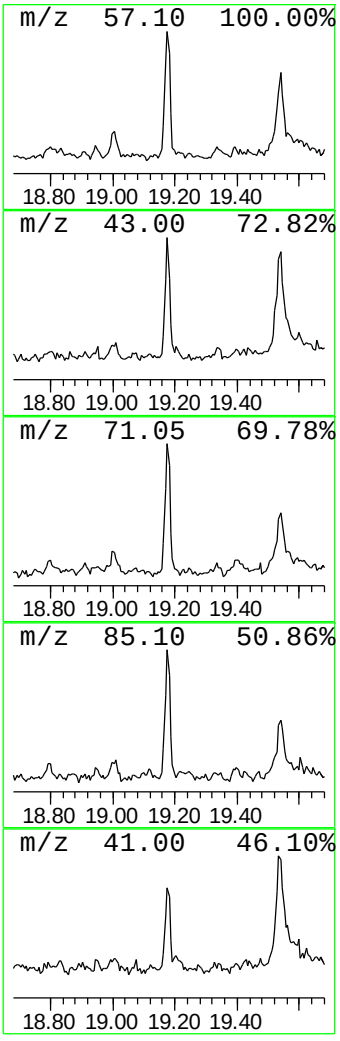
Peak Number 15 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.18	9.12 ng	203610	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Pentadecane	212	C15H32	000629-62-9	93
3	Nonadecane	268	C19H40	000629-92-5	90
4	Octadecane	254	C18H38	000593-45-3	87
5	Heneicosane	296	C21H44	000629-94-7	86





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D-2-ROLL-OFF-2-STOCK-PILE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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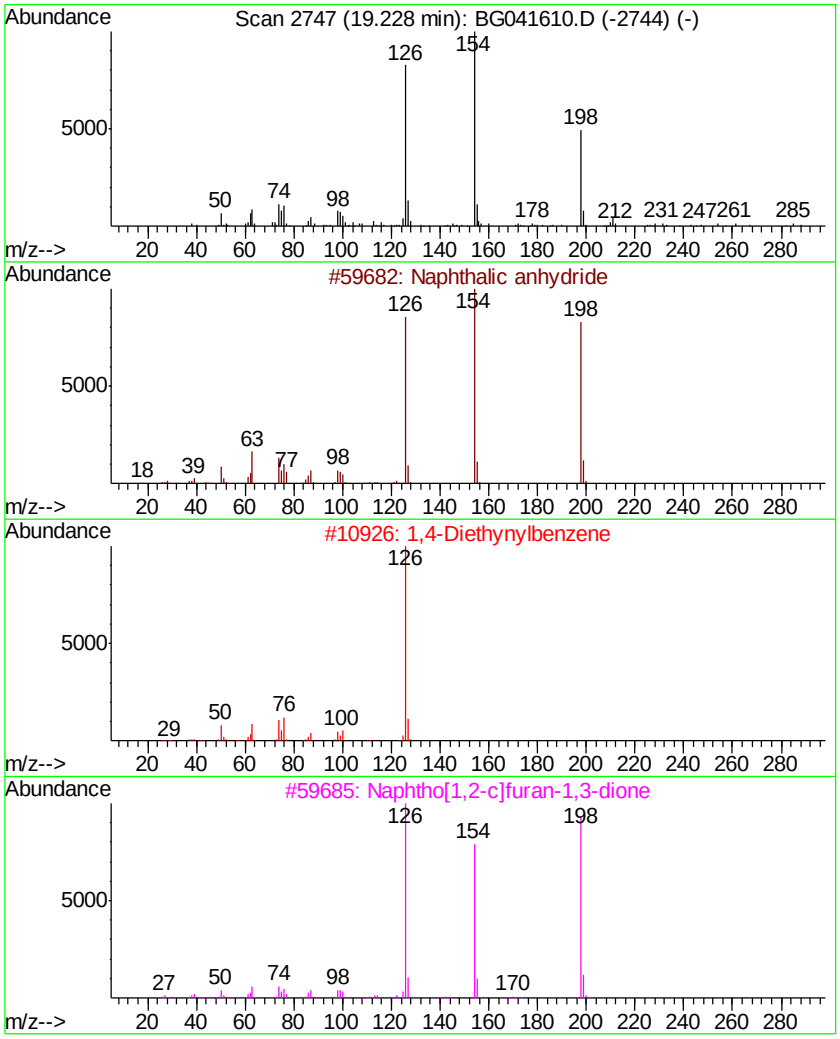
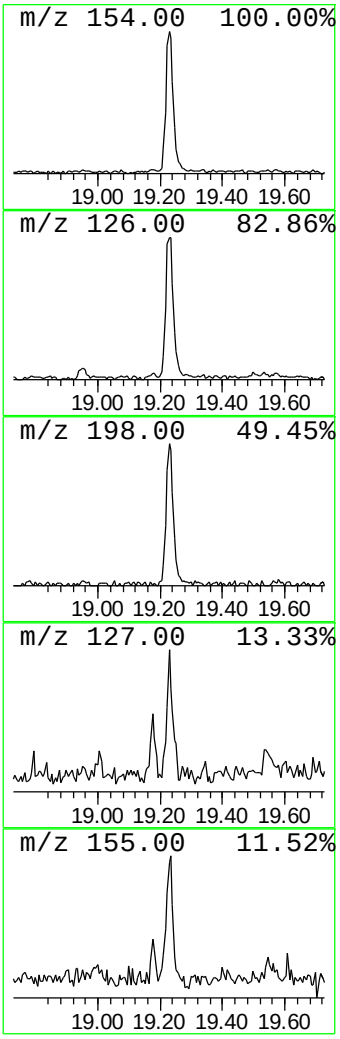
Peak Number 16 Naphthalic anhydride Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	6.51 ng	145456	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalic anhydride	198	C12H6O3	000081-84-5	97
2	1,4-Diethynylbenzene	126	C10H6	000935-14-8	80
3	Naphtho[1,2-c]furan-1,3-dione	198	C12H6O3	005343-99-7	78
4	1H-Benz[f]indene-1,2,3-trione	210	C13H6O3	020927-01-9	53
5	Benzothiazole, 4,5,6,7-tetrahydr...	154	C7H10N2S	002933-29-1	45





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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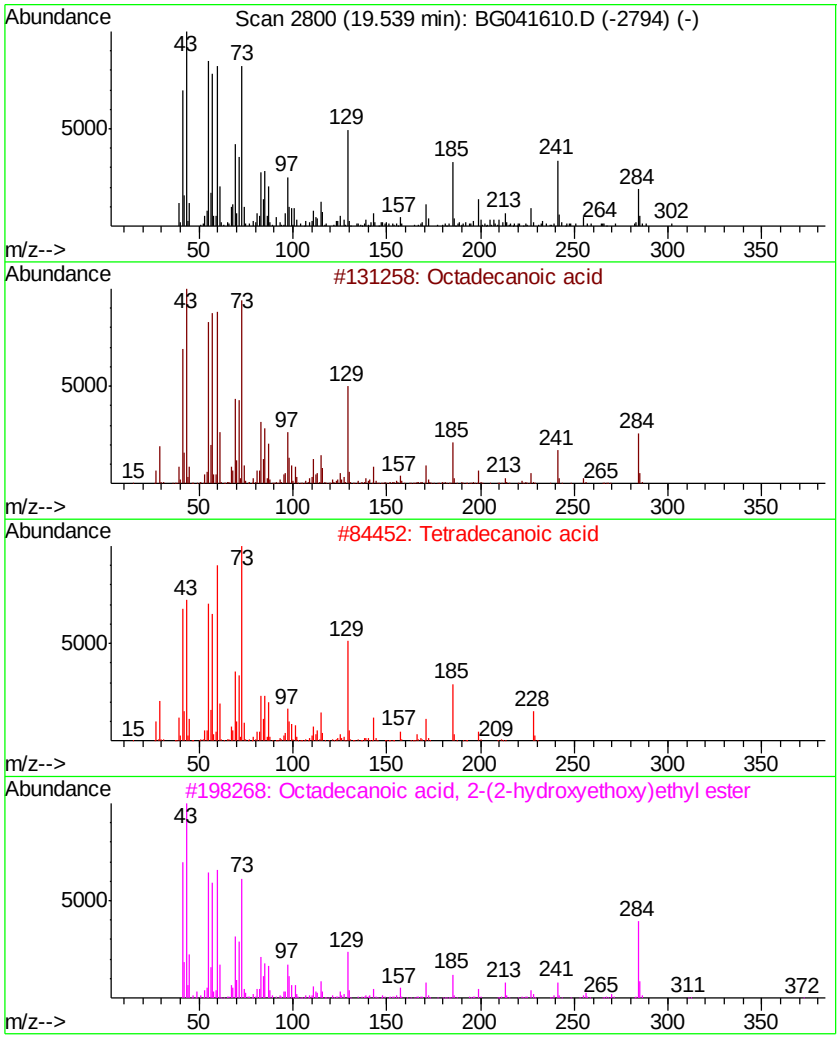
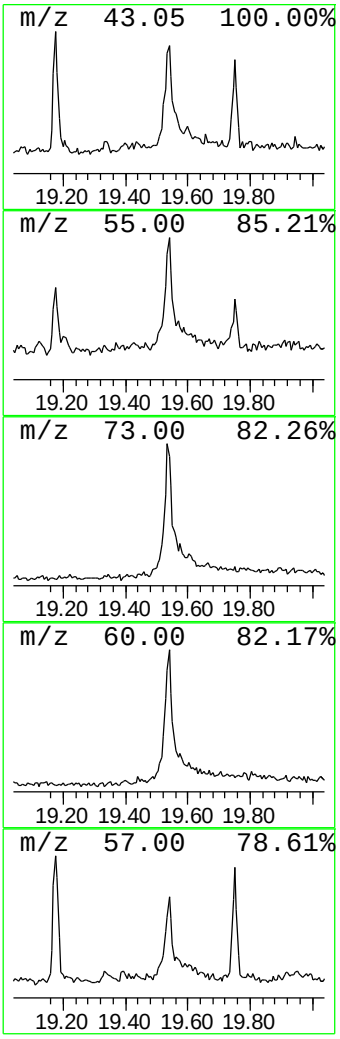
Peak Number 17 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	14.27 ng	318745	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
4	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	64





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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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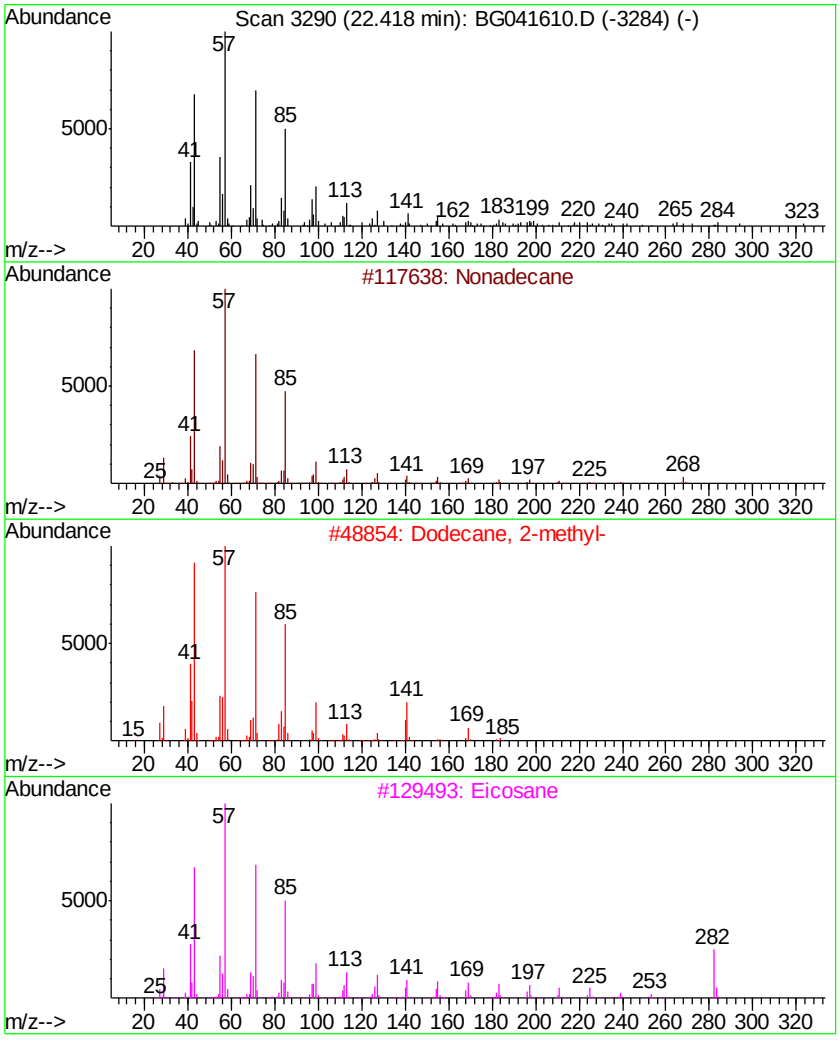
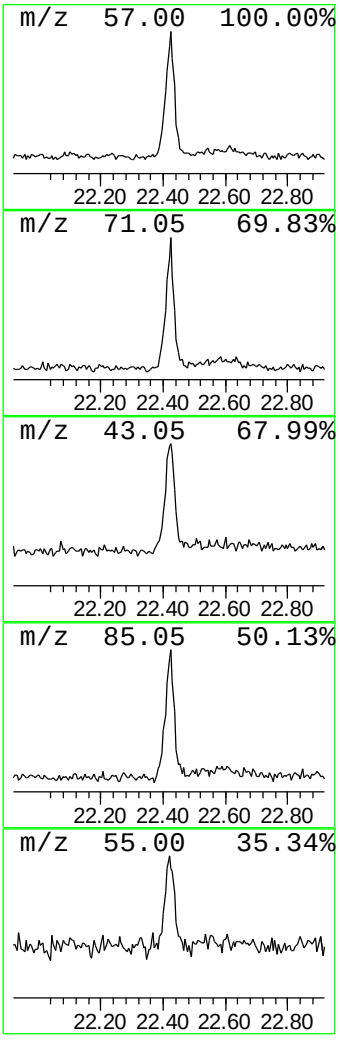
Peak Number 18 Dodecane, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	5.50 ng	171339	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	93
3	Eicosane	282	C20H42	000112-95-8	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Tetratetracontane	619	C44H90	007098-22-8	90





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ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId : D-2-ROLL-OFF-2-STOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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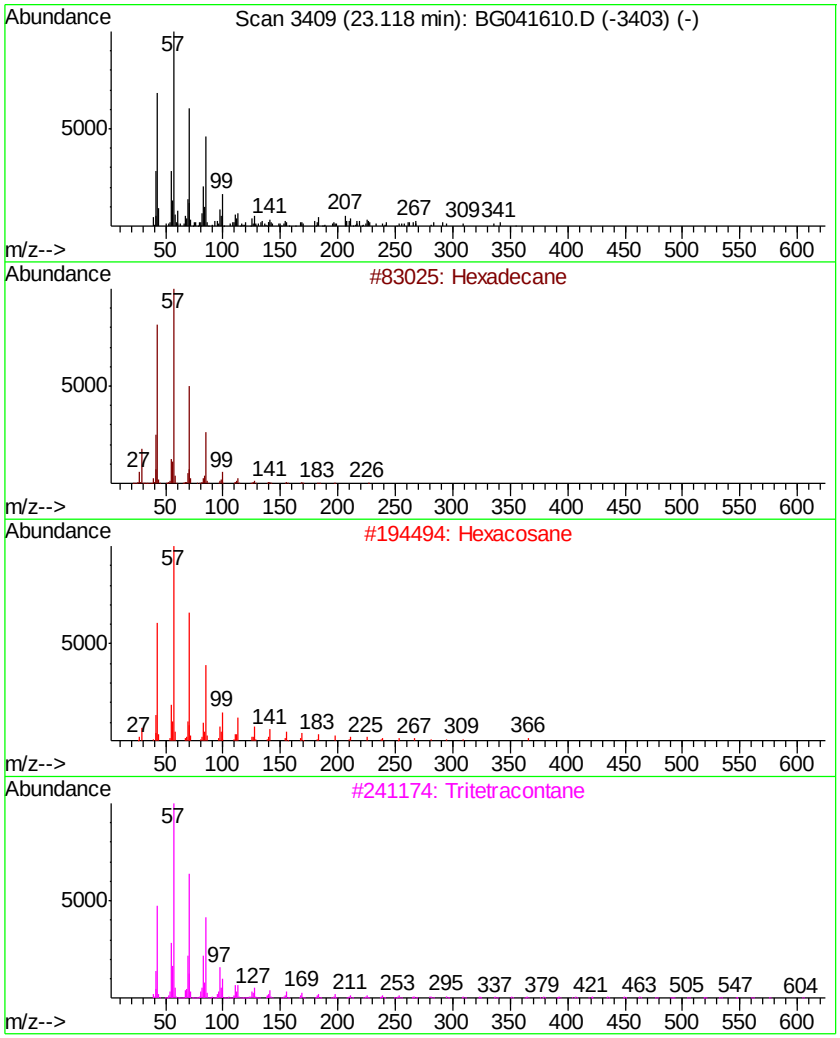
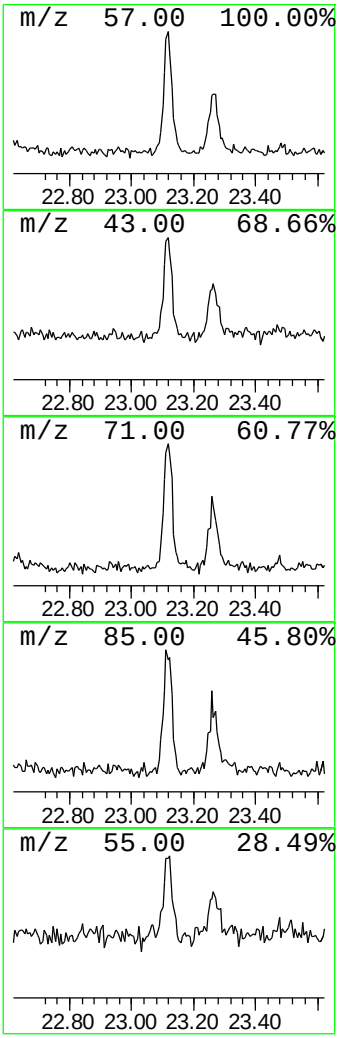
Peak Number 19 Tritetracontane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.12	4.05 ng	126246	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Hexacosane	366	C26H54	000630-01-3	87
3	Tritetracontane	605	C43H88	007098-21-7	87
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	86
5	Heneicosane	296	C21H44	000629-94-7	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070519\
Data File : BG041610.D
Acq On : 5 Jul 2019 14:08
Operator : HP/JU
Sample : K3682-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D-2-ROLL-OFF-2-STOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

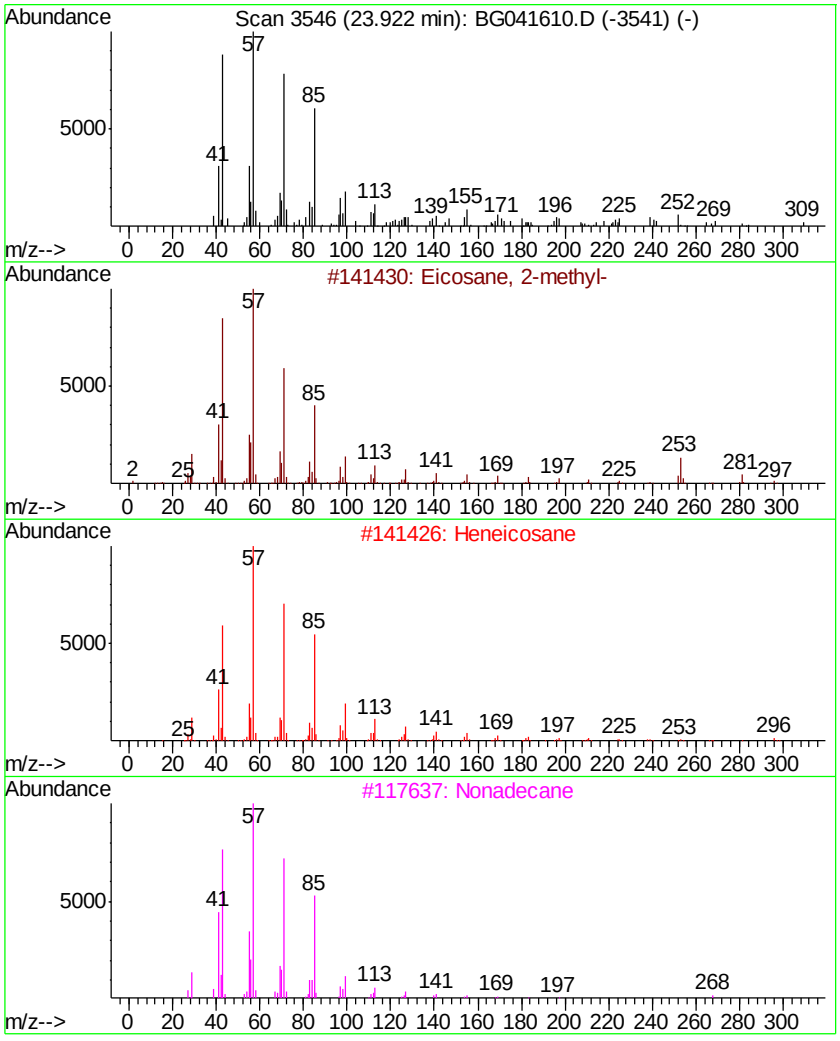
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

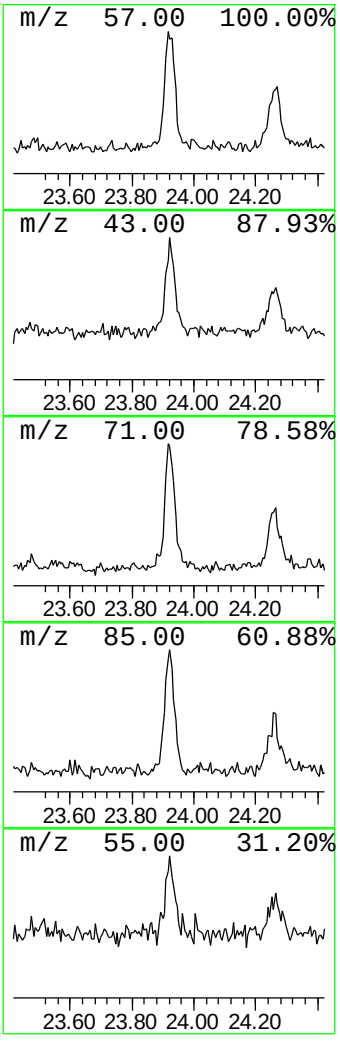
****

Peak Number 20 Eicosane, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	4.75 ng	129763	Perylene-d12	24.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 2-methyl-	296	C21H44	001560-84-5	94
2	Heneicosane	296	C21H44	000629-94-7	93
3	Nonadecane	268	C19H40	000629-92-5	91
4	Hexacosane	366	C26H54	000630-01-3	87
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG070519\
Data File : BG041610.D
Acq On : 5 Jul 2019 14:08
Operator : HP/JU
Sample : K3682-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D-2-ROLL-OFF-2-STOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propylene Glycol	3.65	13.7	ng	125562	1	8.01	182910	20.0
unknown7.54	7.54	70.6	ng	645815	1	8.01	182910	20.0
Phthalimide	14.40	7.6	ng	129185	3	14.66	338897	20.0
Pentadecane	14.51	6.1	ng	103448	3	14.66	338897	20.0
Hexadecane	15.46	8.4	ng	141708	3	14.66	338897	20.0
Decane, 3,8-dimet...	15.87	7.7	ng	129760	3	14.66	338897	20.0
Heptadecane	16.33	14.1	ng	314705	4	17.41	446717	20.0
Tetradecane	17.12	7.4	ng	165674	4	17.41	446717	20.0
Hexadecane, 2,6,1...	17.17	5.2	ng	115058	4	17.41	446717	20.0
Nonadecane	17.86	8.6	ng	191464	4	17.41	446717	20.0
n-Hexadecanoic acid	18.27	10.7	ng	239713	4	17.41	446717	20.0
1H-Phenalen-1-one	18.39	4.8	ng	106159	4	17.41	446717	20.0
Tridecane	18.55	6.7	ng	148798	4	17.41	446717	20.0
Octadecane	19.18	9.1	ng	203610	4	17.41	446717	20.0
Naphthalic anhydride	19.23	6.5	ng	145456	4	17.41	446717	20.0
Octadecanoic acid	19.54	14.3	ng	318745	4	17.41	446717	20.0
Dodecane, 2-methyl-	22.42	5.5	ng	171339	5	21.68	623329	20.0
Tritetracontane	23.12	4.0	ng	126246	5	21.68	623329	20.0
Eicosane, 2-methyl-	23.92	4.8	ng	129763	6	24.96	546642	20.0