LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043644.D
Acq On : 14 Nov 2019 21:45
Operator : JU
Sample : K5806-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 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-BG102119.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	3.161	8	12	23	rVB	69324	111563	5.55%	0.552%
2	5.100	337	342	353	rVB2	85511	136631	6.80%	0.676%
3	5.594	419	426	441	rBV	417453	731376	36.40%	3.620%
4	7.198	692	699	715	rBV	438431	848751	42.24%	4.201%
5	7.545	749	758	773	rBV	467770	835286	41.57%	4.134%
6	7.997	827	835	842	rBV	129883	227001	11.30%	1.124%
7	8.320	882	890	898	rBV	370025	653148	32.50%	3.233%
8	9.160	1025	1033	1044	rBV	237339	480222	23.90%	2.377%
9	10.800	1305	1312	1320	rBV	154820	308604	15.36%	1.527%
10	13.250	1722	1729	1743	rBV	765991	1270251	63.21%	6.287%
11	14.078	1863	1870	1880	rBV	57049	91489	4.55%	0.453%
12	14.624	1956	1963	1970	rBV	283124	485305	24.15%	2.402%
13	14.689	1970	1974	1980	rVB	28500	46892	2.33%	0.232%
14	15.024	2028	2031	2038	rBV2	11126	20526	1.02%	0.102%
15	15.676	2135	2142	2151	rBV2	29804	59234	2.95%	0.293%
16	16.117	2210	2217	2237	rBV	605763	1071266	53.31%	5.302%
17	16.675	2305	2312	2318	rBV9	8974	20304	1.01%	0.100%
18	17.028	2367	2372	2380	rBV2	17232	31392	1.56%	0.155%
19	17.192	2393	2400	2408	rVB	20976	36575	1.82%	0.181%
20	17.374	2424	2431	2434	rBV	354831	558804	27.81%	2.766%
21	17.415	2434	2438	2446	rVV	367612	588228	29.27%	2.911%
22	17.503	2447	2453	2459	rVV	75974	147870	7.36%	0.732%
23	17.568	2462	2464	2474	rVB7	11549	22791	1.13%	0.113%
24	17.785	2490	2501	2509	rBV2	33619	84527	4.21%	0.418%
25	17.956	2525	2530	2536	rBV6	12678	23943	1.19%	0.119%
26	18.256	2575	2581	2584	rBV2	53474	104332	5.19%	0.516%
27	18.297	2584	2588	2595	rVB	73827	120096	5.98%	0.594%
28	18.379	2598	2602	2606	rBV2	20504	32721	1.63%	0.162%
29	18.444	2607	2613	2617	rVV3	90356	169546	8.44%	0.839%
30	18.479	2617	2619	2626	rVB	44503	61536	3.06%	0.305%
31	18.643	2643	2647	2653	rBV8	16155	25284	1.26%	0.125%
32	18.743	2660	2664	2669	rBV	39748	58978	2.93%	0.292%
33	18.790	2669	2672	2678	rVB3	33637	54888	2.73%	0.272%
34	18.990	2702	2706	2711	rVB6	21369	31493	1.57%	0.156%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043644.D
Acq On : 14 Nov 2019 21:45
Operator : JU
Sample : K5806-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 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-BG102119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.043	2711	2715	2718	rVV2	15896	22690	1.13%	0.112%
36	19.172	2730	2737	2741	rBV2	48434	109147	5.43%	0.540%
37	19.301	2755	2759	2766	rBV4	32394	64237	3.20%	0.318%
38	19.425	2774	2780	2786	rBV	697071	1032990	51.41%	5.113%
39	19.519	2793	2796	2800	rVB2	19240	22956	1.14%	0.114%
40	19.672	2818	2822	2826	rBV	21329	28049	1.40%	0.139%
41	19.754	2832	2836	2837	rBV	117022	127198	6.33%	0.630%
42	19.789	2837	2842	2850	rVV	618215	968470	48.20%	4.793%
43	19.860	2850	2854	2860	rVB2	39763	68732	3.42%	0.340%
44	19.983	2868	2875	2880	rBV	1495298	2009474	100.00%	9.946%
45	20.241	2915	2919	2920	rBV3	34447	40399	2.01%	0.200%
46	20.283	2921	2926	2932	rVB	157214	237814	11.83%	1.177%
47	20.377	2938	2942	2947	rBV2	80340	136039	6.77%	0.673%
48	20.435	2949	2952	2957	rVB2	53302	80766	4.02%	0.400%
49	20.576	2972	2976	2979	rBV2	47191	68383	3.40%	0.338%
50	20.623	2980	2984	2992	rVB2	49382	94160	4.69%	0.466%
51	20.776	3008	3010	3013	rVB2	24804	23856	1.19%	0.118%
52	21.040	3051	3055	3061	rVB	47473	86418	4.30%	0.428%
53	21.217	3082	3085	3089	rBV	37018	56278	2.80%	0.279%
54	21.281	3090	3096	3098	rBV2	106823	181700	9.04%	0.899%
55	21.634	3148	3156	3161	rBV2	539157	1354257	67.39%	6.703%
56	21.681	3161	3164	3176	rVB	298761	523173	26.04%	2.589%
57	21.828	3185	3189	3195	rBV2	58634	108506	5.40%	0.537%
58	22.421	3285	3290	3295	rBV2	97208	166732	8.30%	0.825%
59	23.091	3402	3404	3413	rVB5	47271	96424	4.80%	0.477%
60	23.814	3520	3527	3534	rBV2	227845	747076	37.18%	3.698%
61	23.878	3536	3538	3549	rVB3	184549	328881	16.37%	1.628%
62	24.531	3642	3649	3662	rVB	149881	469081	23.34%	2.322%
63	24.672	3665	3673	3684	rVB2	232603	670461	33.36%	3.318%
64	24.824	3691	3699	3706	rBV3	276660	728844	36.27%	3.607%

Sum of corrected areas: 20204044

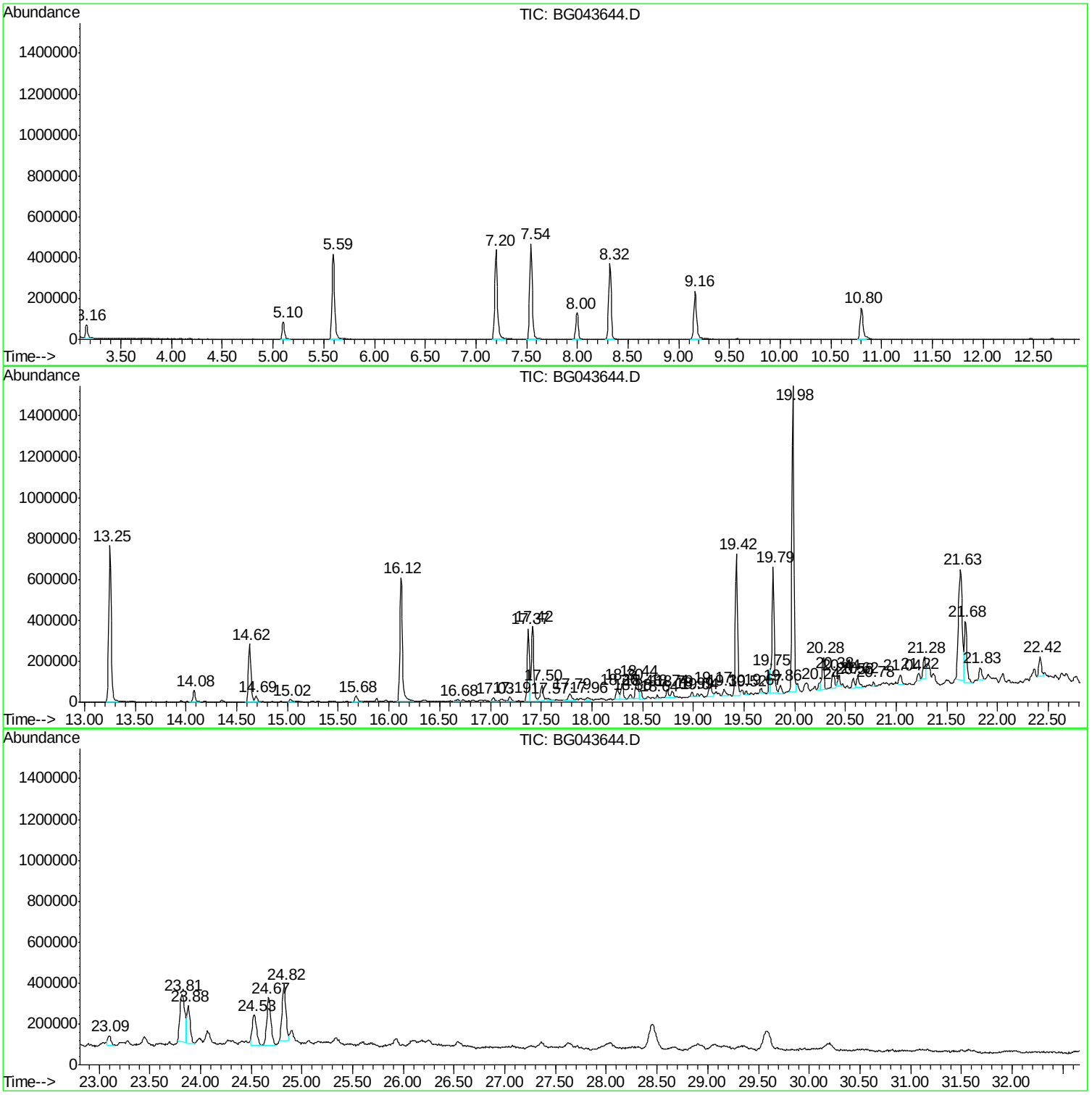
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043644.D
Acq On : 14 Nov 2019 21:45
Operator : JU
Sample : K5806-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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\BG111419\
Data File : BG043644.D
Acq On : 14 Nov 2019 21:45
Operator : JU
Sample : K5806-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

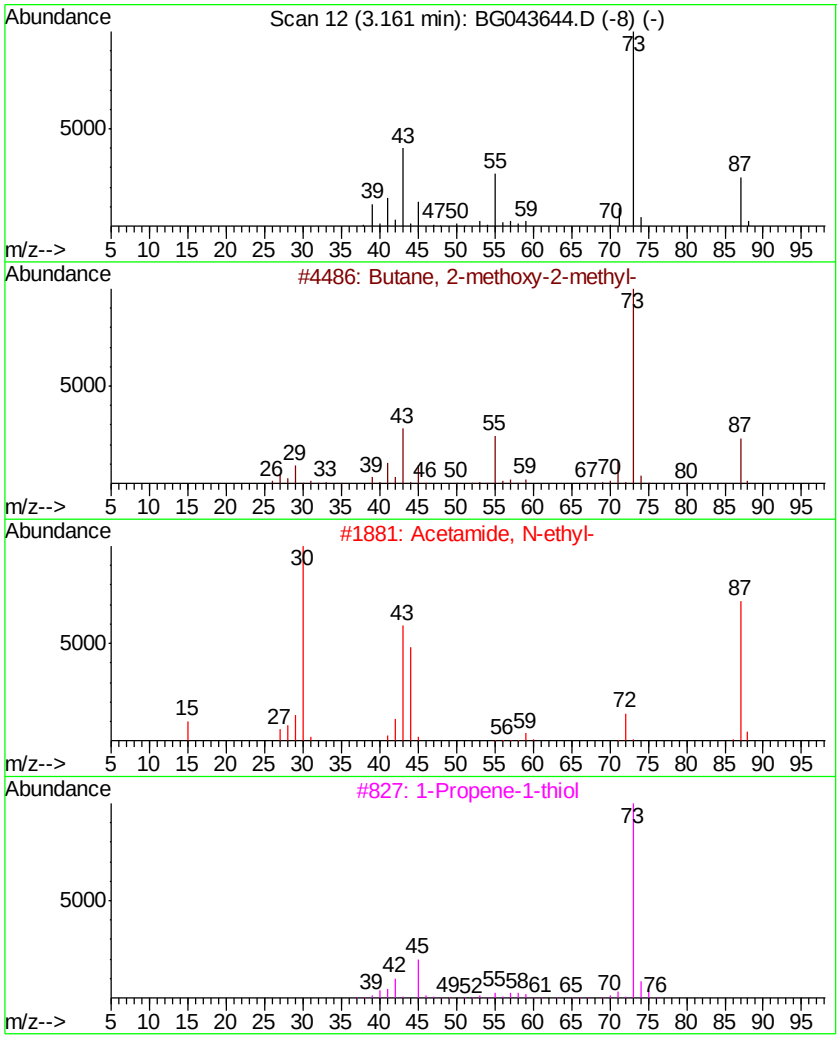
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

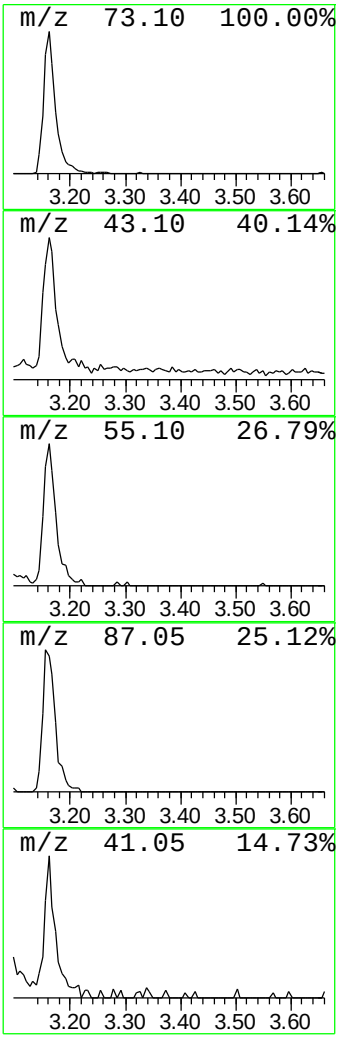
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	9.83 ng	111563	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
2	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
3	1-Propene-1-thiol	74	C3H6S	000925-89-3	9
4	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
5	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043644.D
Acq On : 14 Nov 2019 21:45
Operator : JU
Sample : K5806-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

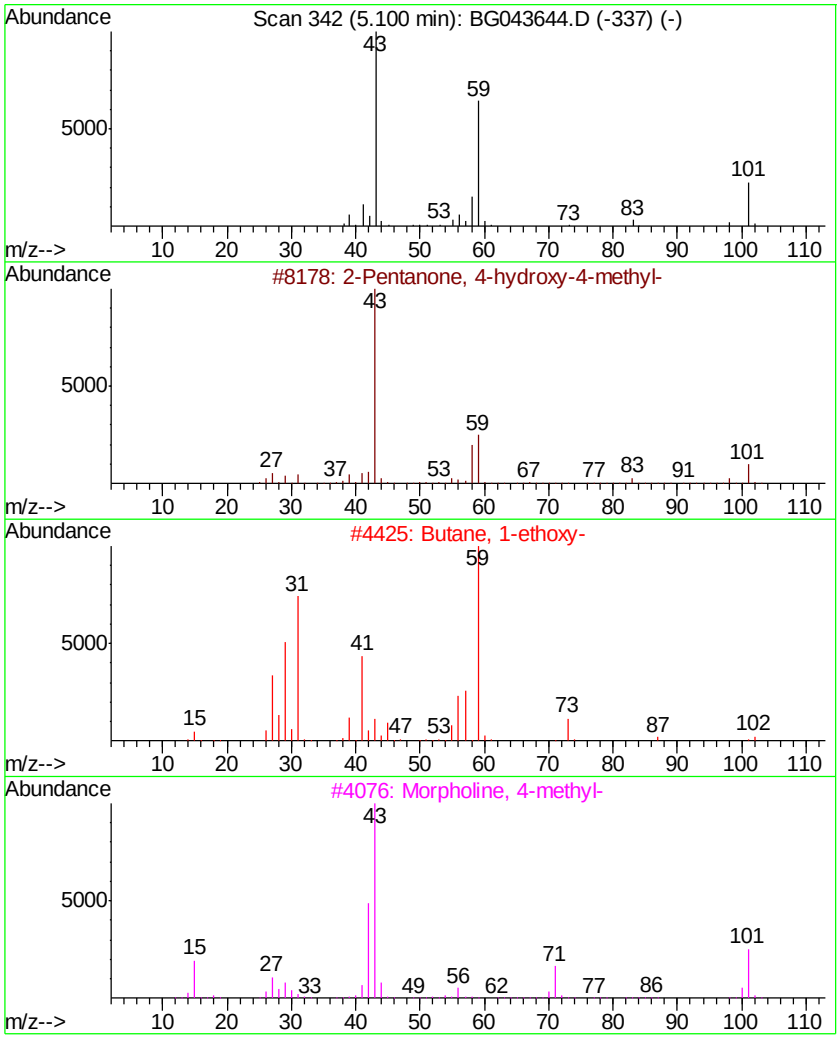
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

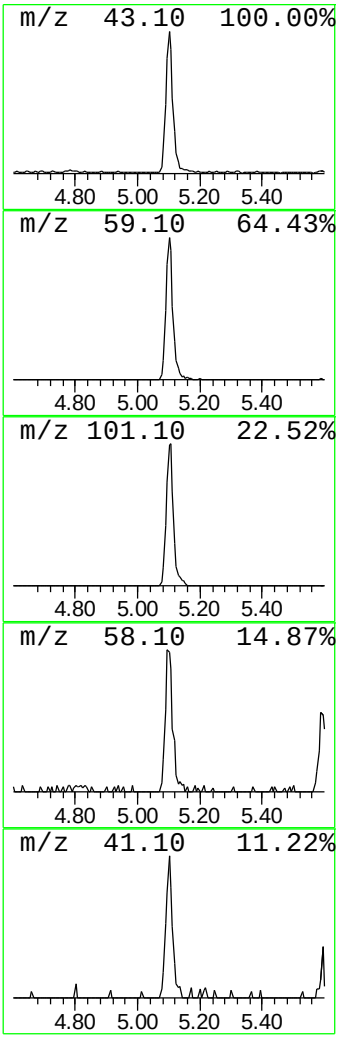
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	12.04 ng	136631	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043644.D
Acq On : 14 Nov 2019 21:45
Operator : JU
Sample : K5806-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

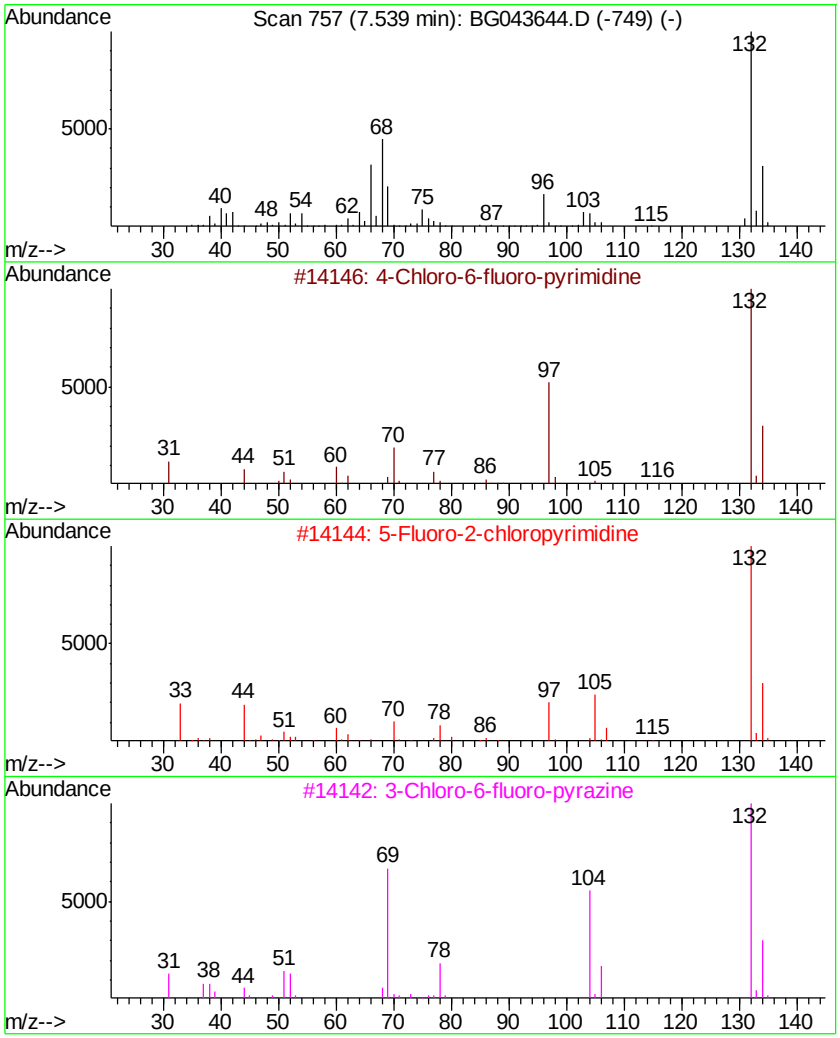
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

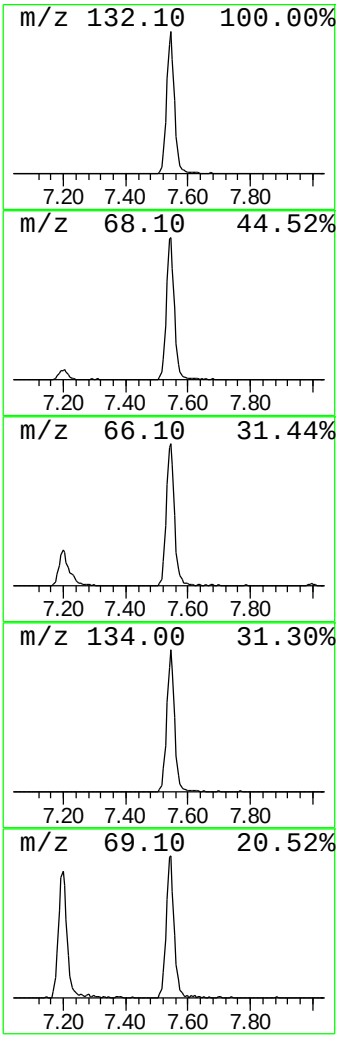
****

Peak Number 3 unknown7.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	73.59 ng	835286	1,4-Dichlorobenzene-d4	8.00

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	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043644.D
Acq On : 14 Nov 2019 21:45
Operator : JU
Sample : K5806-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

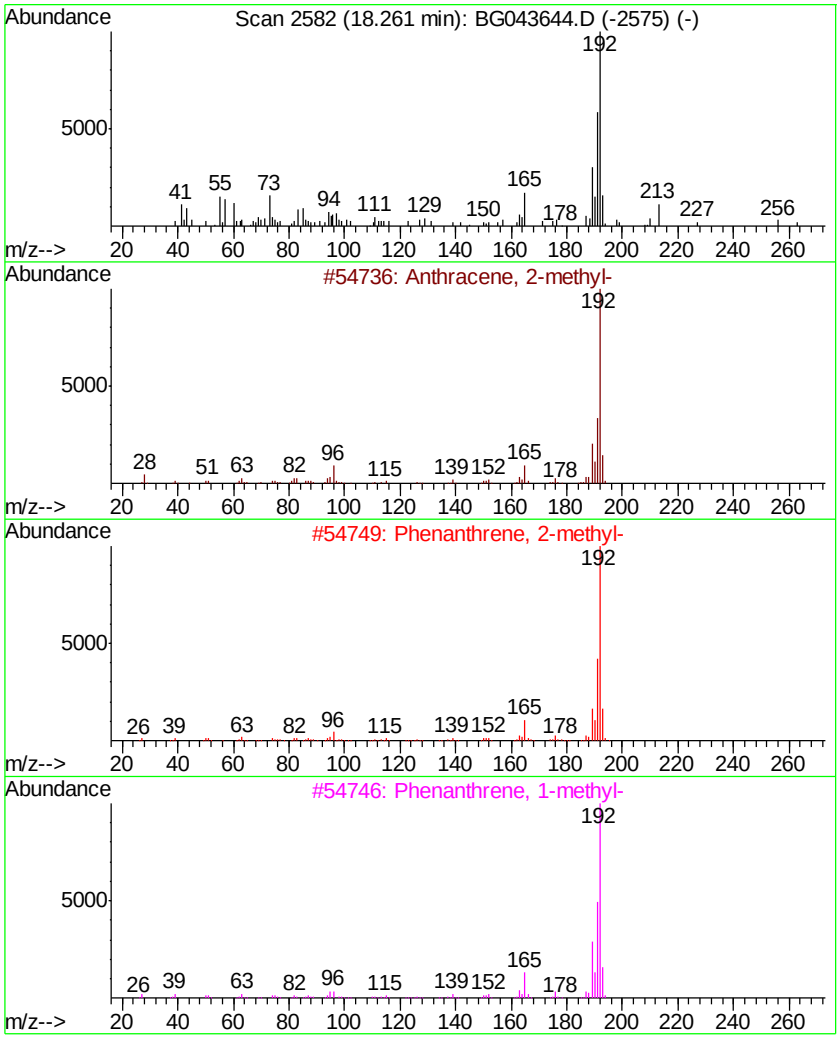
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

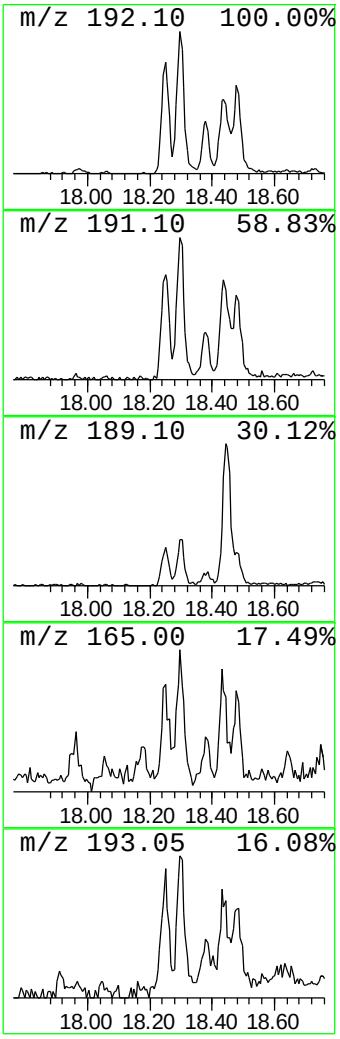
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	3.73 ng	104332	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043644.D
Acq On : 14 Nov 2019 21:45
Operator : JU
Sample : K5806-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

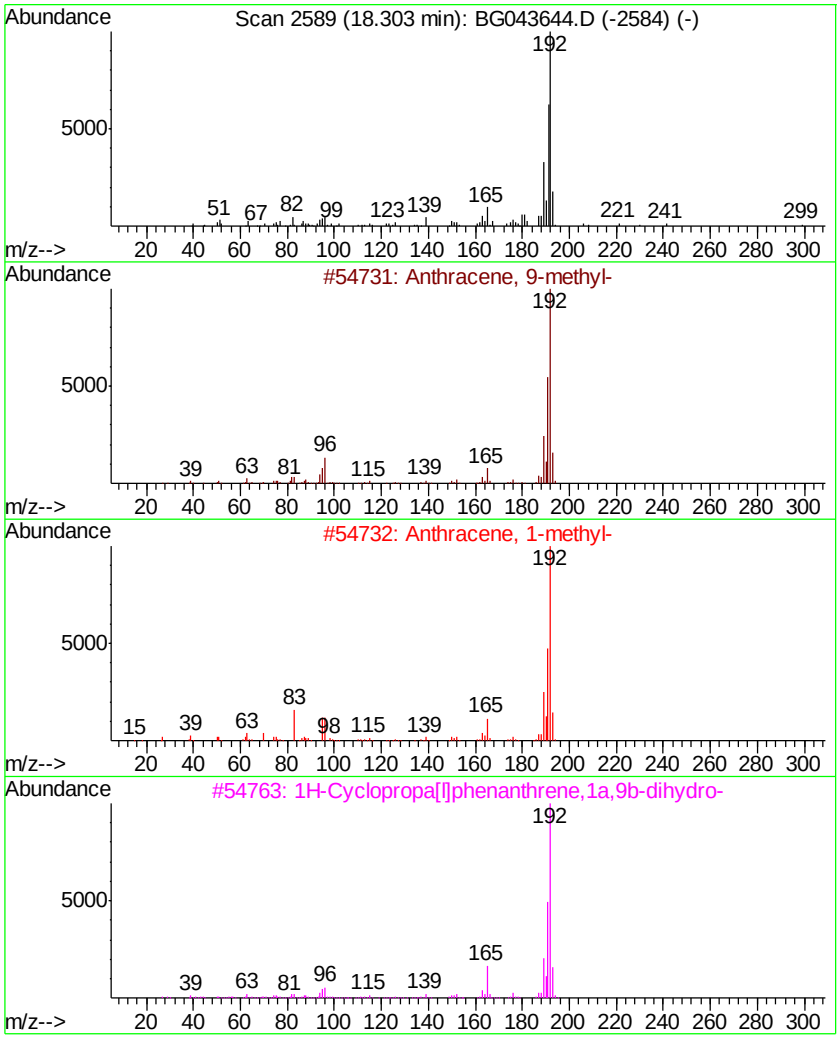
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

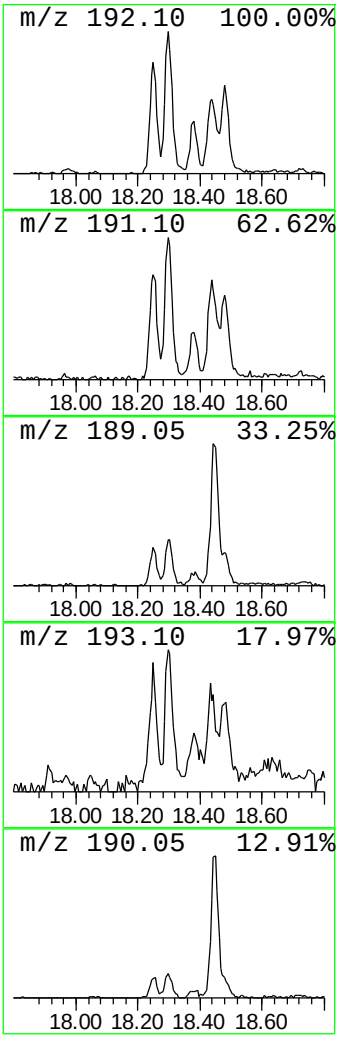
****

Peak Number 6 Anthracene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	4.30 ng	120096	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	87
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043644.D
Acq On : 14 Nov 2019 21:45
Operator : JU
Sample : K5806-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

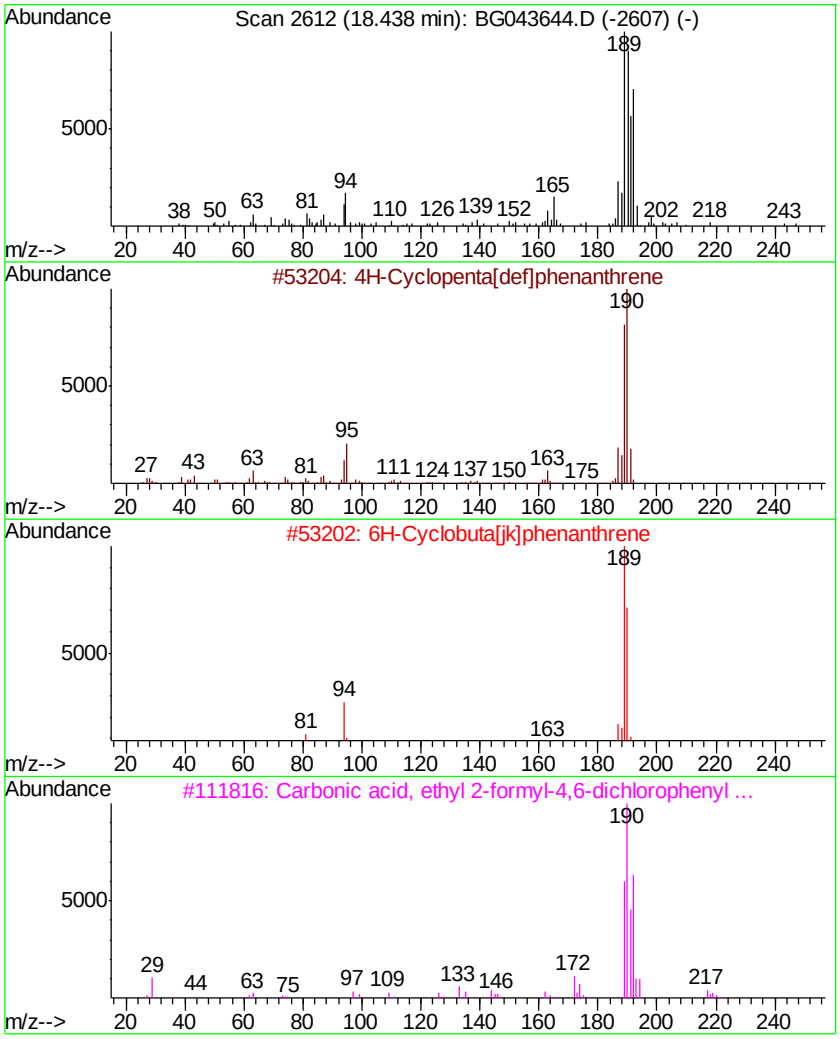
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

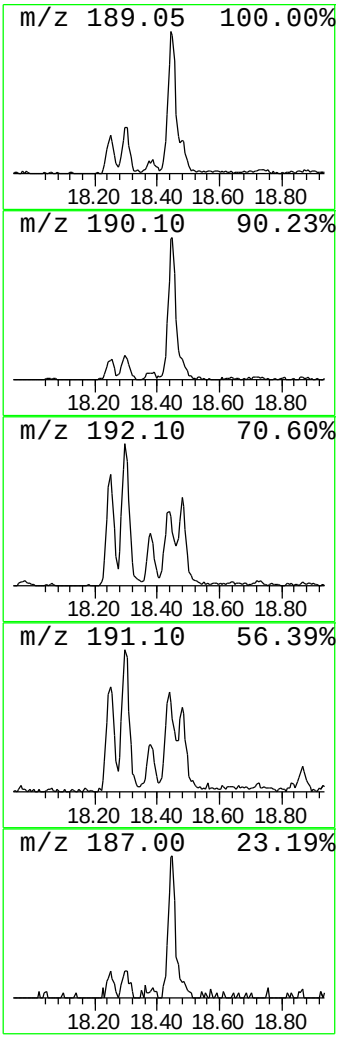
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	6.07 ng	169546	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	38
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37
5	Methyl diselenide	190	C2H6Se2	007101-31-7	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043644.D
Acq On : 14 Nov 2019 21:45
Operator : JU
Sample : K5806-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

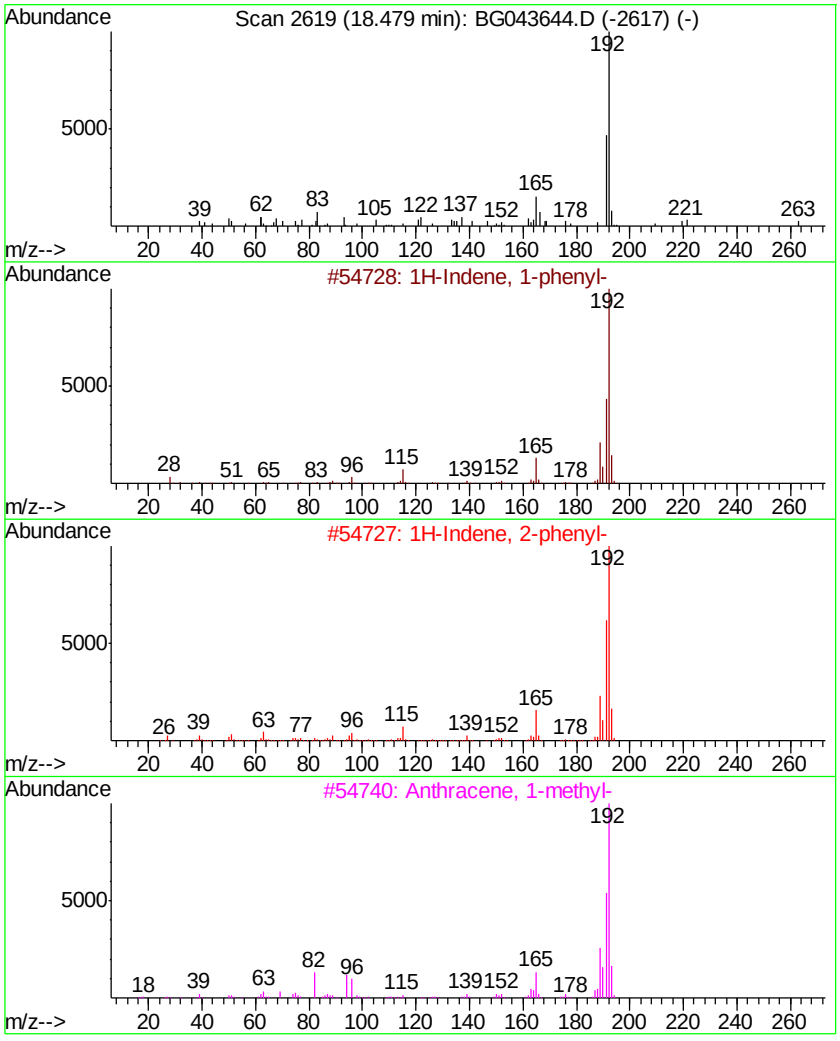
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

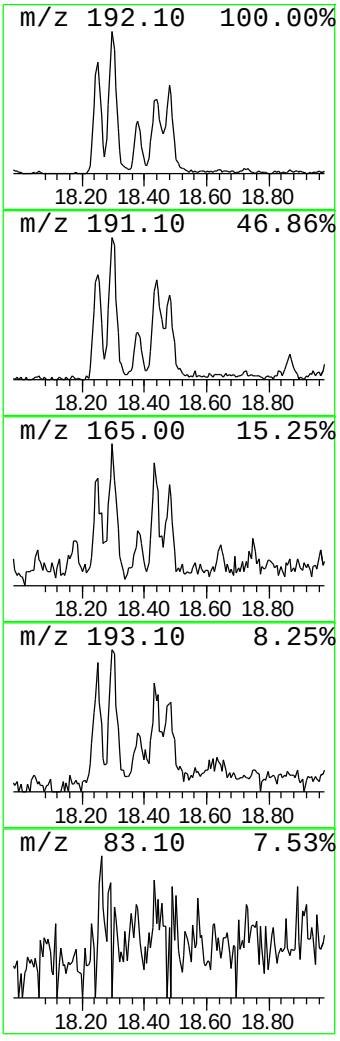
****

Peak Number 8 1H-Indene, 1-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	2.20 ng	61536	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	58
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	58
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	58
4	3,4-Methylenedioxycinnamic acid	192	C10H8O4	002373-80-0	56
5	2-Propenoic acid, 3-(1,3-benzodi...	192	C10H8O4	038489-76-8	56





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043644.D
Acq On : 14 Nov 2019 21:45
Operator : JU
Sample : K5806-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STOCK-PILE

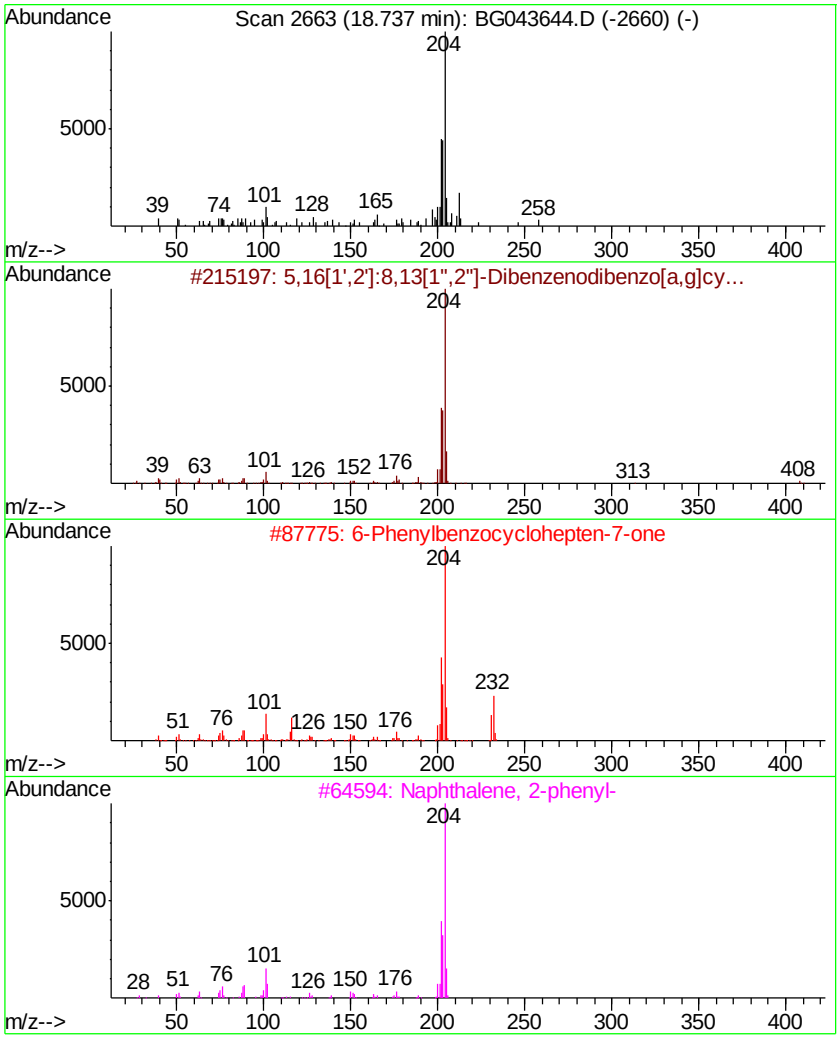
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

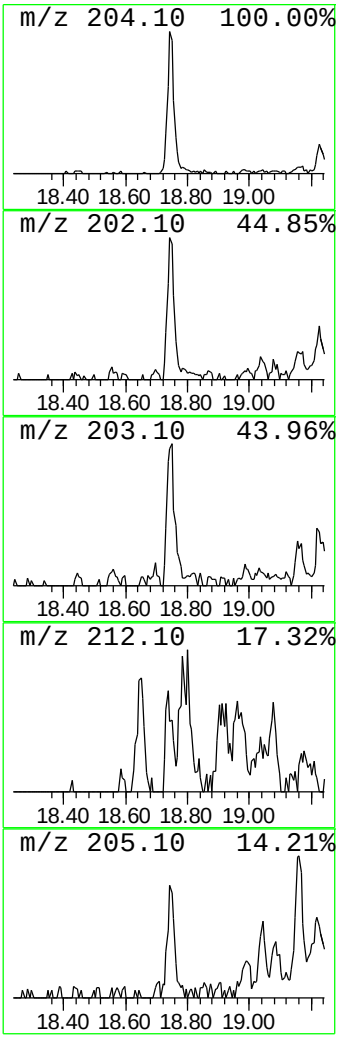
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	2.11 ng	58978	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	72
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	52
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043644.D
Acq On : 14 Nov 2019 21:45
Operator : JU
Sample : K5806-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

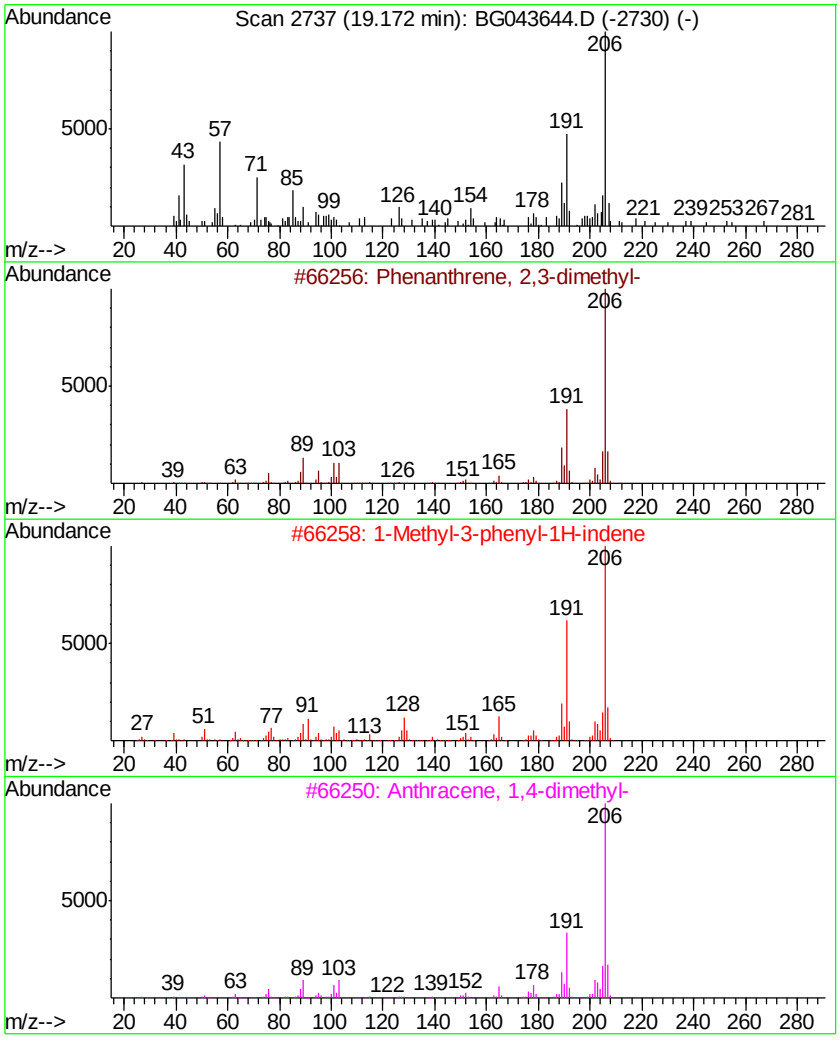
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

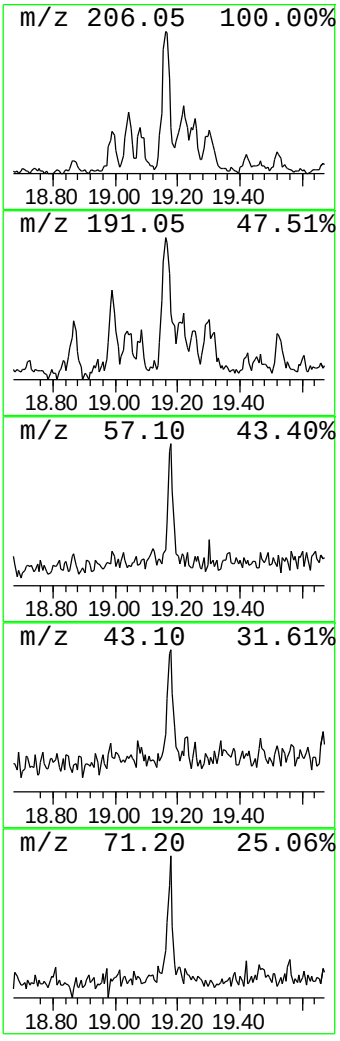
****

Peak Number 10 Phenanthrene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	3.91 ng	109147	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
2	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	91
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	76
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	74
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043644.D
Acq On : 14 Nov 2019 21:45
Operator : JU
Sample : K5806-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

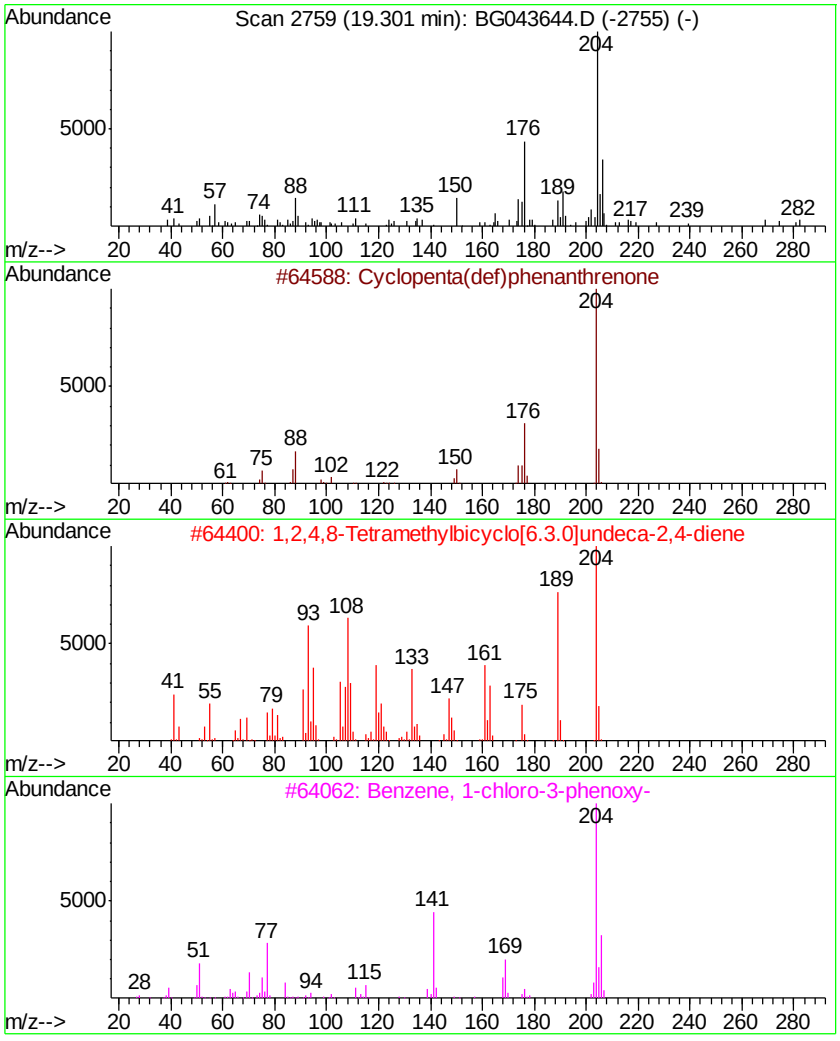
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

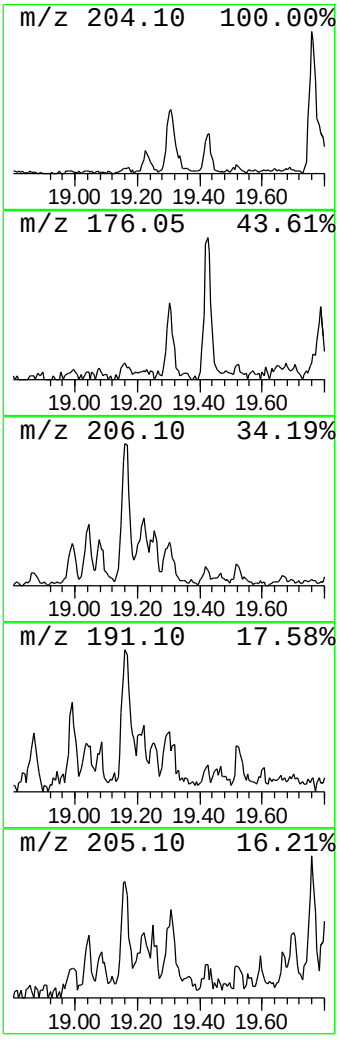
****

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	2.30 ng	64237	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	68
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	50
3	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	49
4	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	47
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043644.D
Acq On : 14 Nov 2019 21:45
Operator : JU
Sample : K5806-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

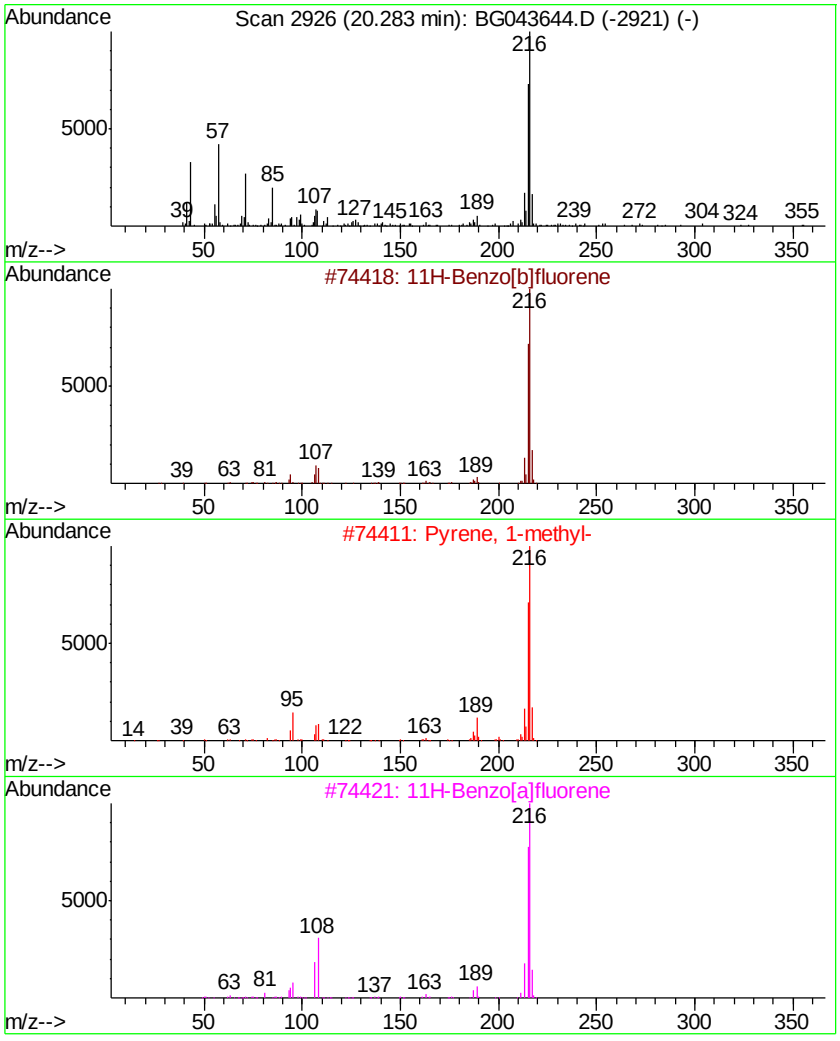
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

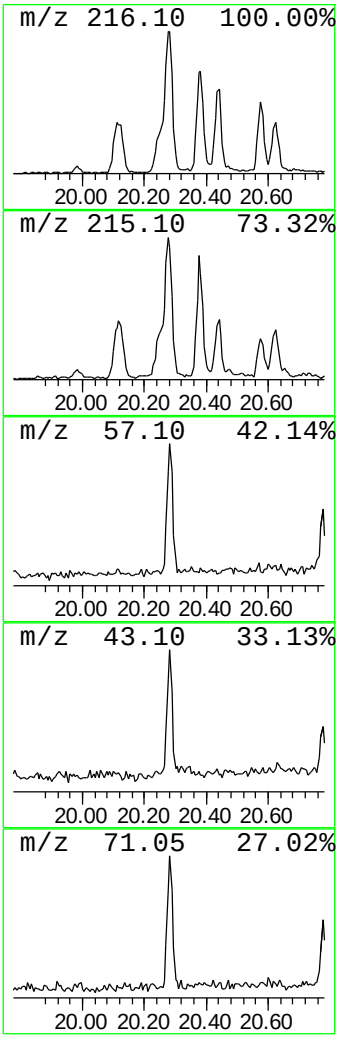
****

Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	3.51 ng	237814	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043644.D
Acq On : 14 Nov 2019 21:45
Operator : JU
Sample : K5806-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

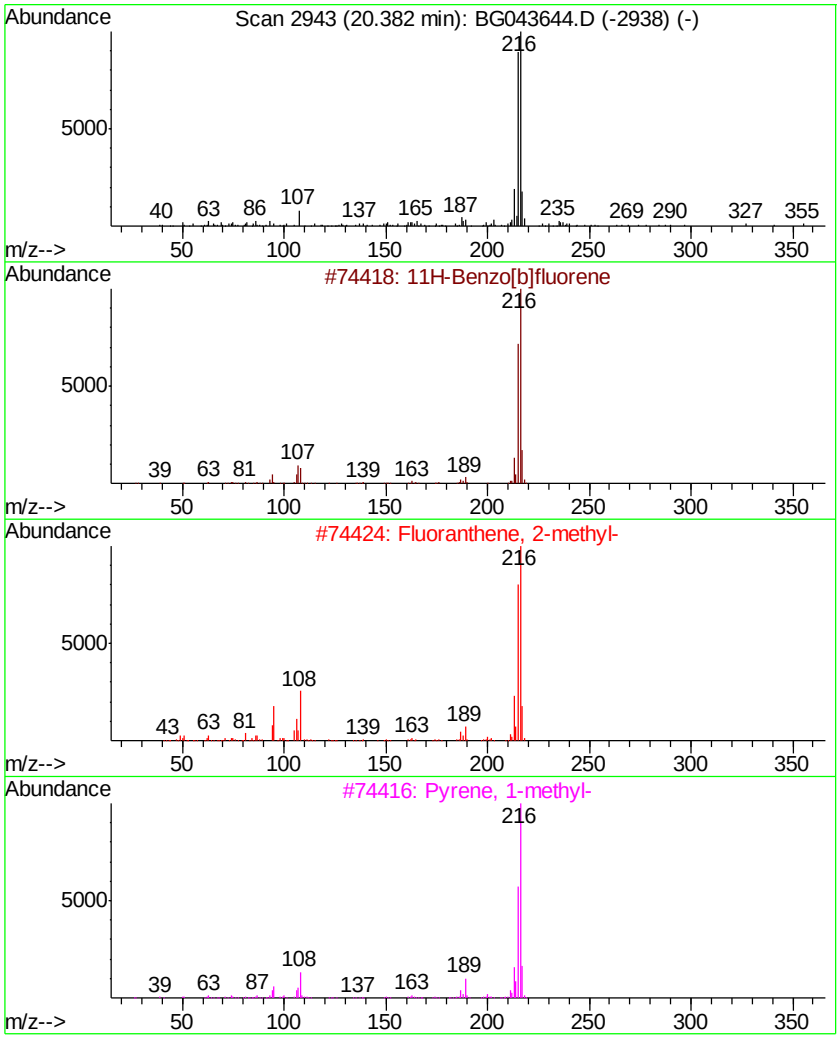
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

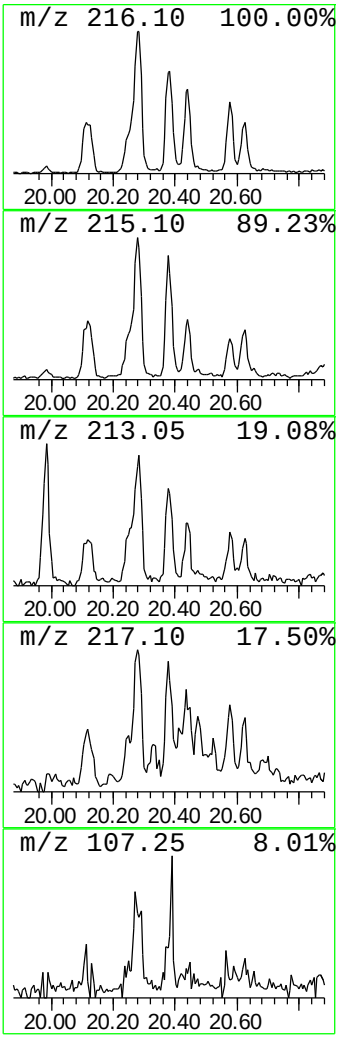
****

Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	2.01 ng	136039	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	56





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043644.D
Acq On : 14 Nov 2019 21:45
Operator : JU
Sample : K5806-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

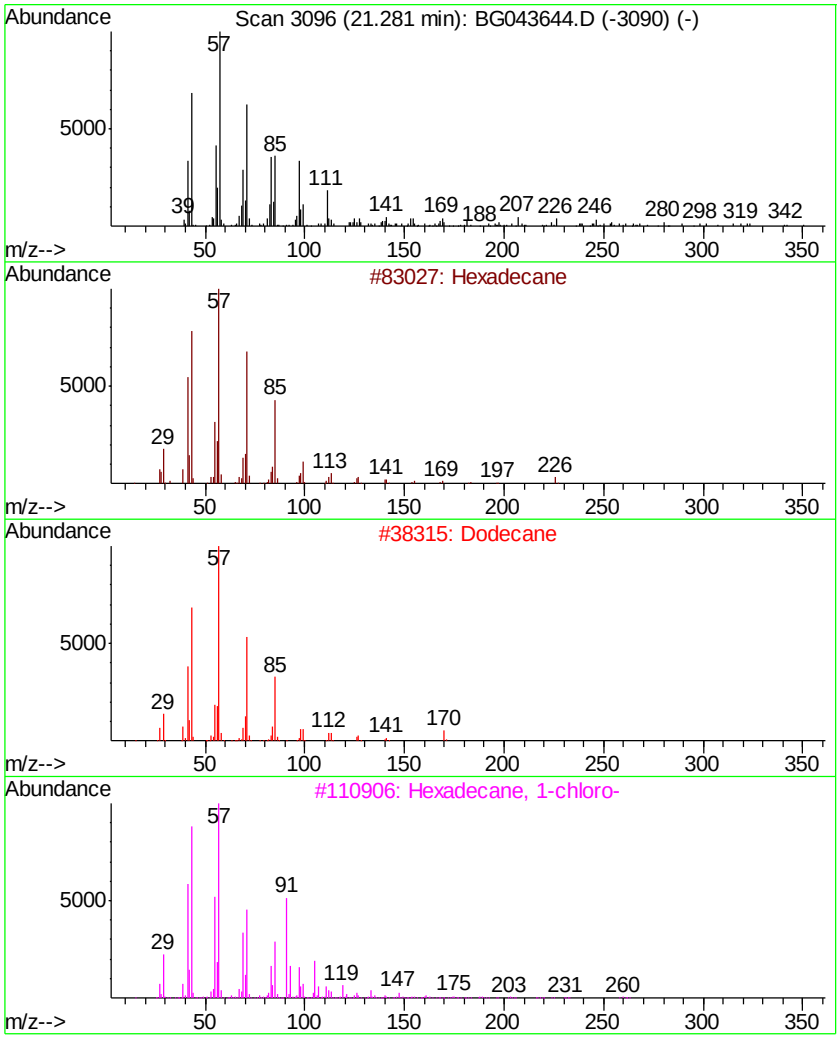
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

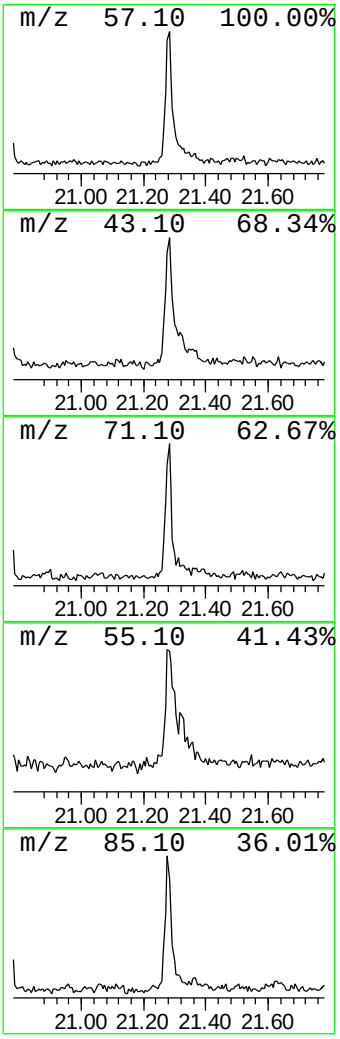
****

Peak Number 14 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.28	2.68 ng	181700	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Dodecane	170	C12H26	000112-40-3	83
3	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	74
4	Nonadecane	268	C19H40	000629-92-5	60
5	Octadecane	254	C18H38	000593-45-3	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043644.D
Acq On : 14 Nov 2019 21:45
Operator : JU
Sample : K5806-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

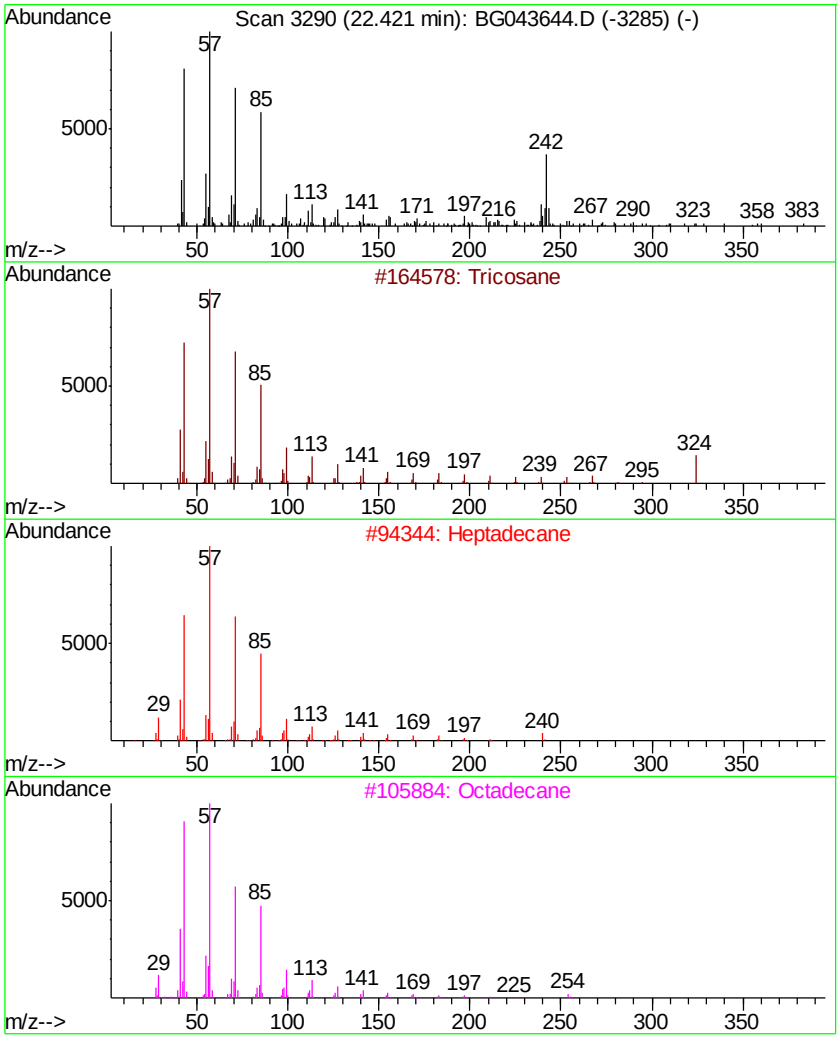
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

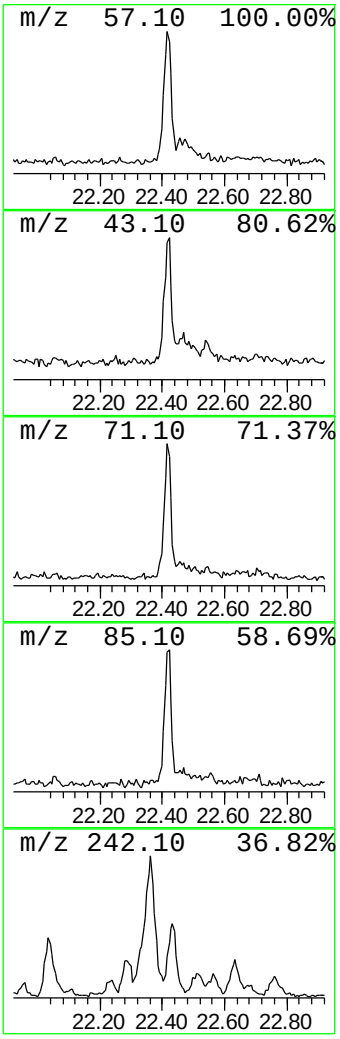
****

Peak Number 15 Tricosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	2.46 ng	166732	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	86
2	Heptadecane	240	C17H36	000629-78-7	86
3	Octadecane	254	C18H38	000593-45-3	70
4	Hexadecane	226	C16H34	000544-76-3	70
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043644.D
Acq On : 14 Nov 2019 21:45
Operator : JU
Sample : K5806-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

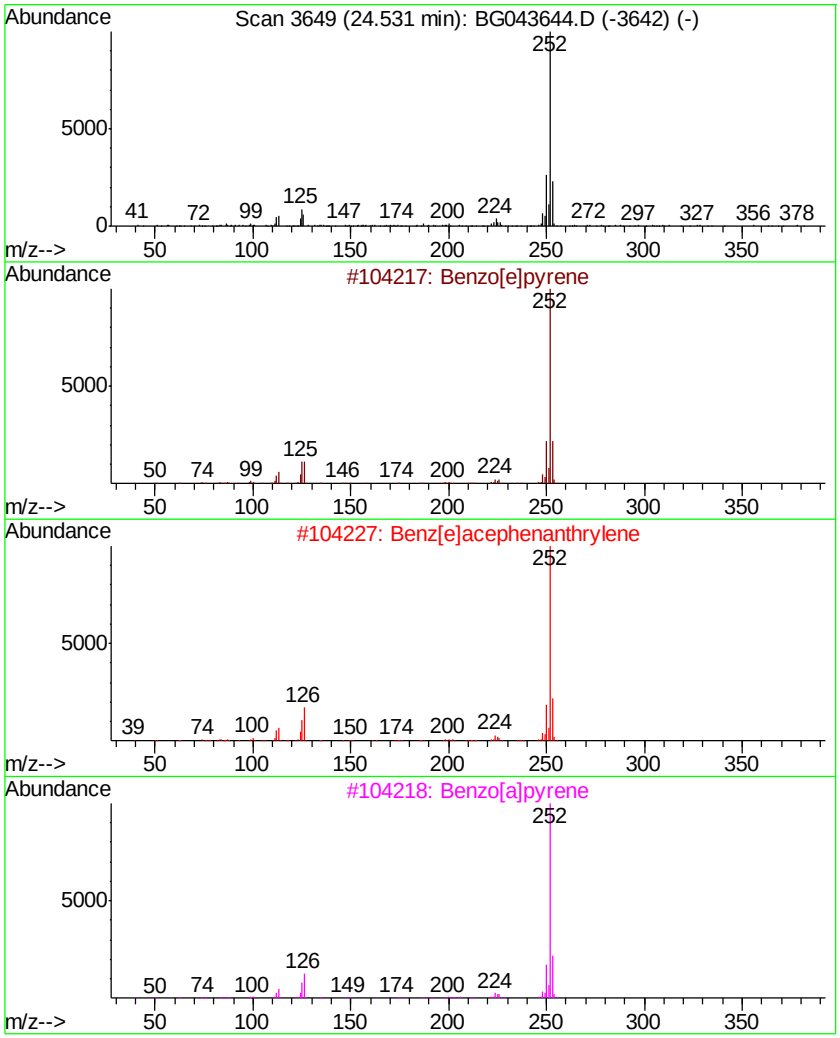
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

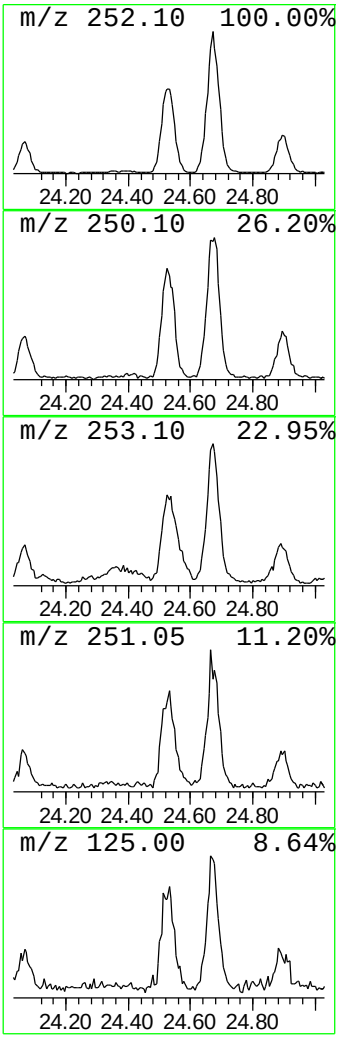
****

Peak Number 16 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.53	12.87 ng	469081	Perylene-d12	24.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	90
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	86
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111419\
Data File : BG043644.D
Acq On : 14 Nov 2019 21:45
Operator : JU
Sample : K5806-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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
Butane, 2-methoxy...	3.16	9.8	ng	111563	1	8.00	227001	20.0
2-Pentanone, 4-hy...	5.10	12.0	ng	136631	1	8.00	227001	20.0
unknown7.54	7.54	73.6	ng	835286	1	8.00	227001	20.0
Anthracene, 2-met...	18.26	3.7	ng	104332	4	17.37	558804	20.0
Anthracene, 9-met...	18.30	4.3	ng	120096	4	17.37	558804	20.0
4H-Cyclopenta[def...	18.44	6.1	ng	169546	4	17.37	558804	20.0
1H-Indene, 1-phenyl-	18.48	2.2	ng	61536	4	17.37	558804	20.0
5,16[1',2']:8,13[...	18.74	2.1	ng	58978	4	17.37	558804	20.0
Phenanthrene, 2,3...	19.17	3.9	ng	109147	4	17.37	558804	20.0
Cyclopenta(def)ph...	19.30	2.3	ng	64237	4	17.37	558804	20.0
11H-Benzo[b]fluorene	20.28	3.5	ng	237814	5	21.64	1354260	20.0
Fluoranthene, 2-m...	20.38	2.0	ng	136039	5	21.64	1354260	20.0
Hexadecane	21.28	2.7	ng	181700	5	21.64	1354260	20.0
Tricosane	22.42	2.5	ng	166732	5	21.64	1354260	20.0
Benzo[e]pyrene	24.53	12.9	ng	469081	6	24.82	728844	20.0