LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.801	14	19	29	rBV2	55165	124569	3.29%	0.275%
2	2.883	29	33	45	rVB	70998	111146	2.94%	0.245%
3	3.894	199	205	213	rBV	125652	180001	4.76%	0.397%
4	7.701	846	853	859	rBV	292519	456843	12.07%	1.008%
5	10.492	1316	1328	1332	rBV	419237	726139	19.19%	1.602%
6	10.539	1332	1336	1344	rVV	156677	253434	6.70%	0.559%
7	11.920	1564	1571	1579	rBV	68991	112656	2.98%	0.248%
8	12.155	1601	1611	1618	rVB	170146	284712	7.52%	0.628%
9	12.378	1642	1649	1660	rVB	102707	183470	4.85%	0.405%
10	12.884	1730	1735	1740	rVB2	62908	92378	2.44%	0.204%
11	13.171	1777	1784	1792	rBV2	226128	329480	8.71%	0.727%
12	13.500	1833	1840	1842	rBV2	80469	134173	3.55%	0.296%
13	13.665	1862	1868	1872	rBV	120834	213447	5.64%	0.471%
14	13.718	1872	1877	1880	rVV	98272	167363	4.42%	0.369%
15	13.747	1880	1882	1887	rVV	76785	112673	2.98%	0.249%
16	13.829	1893	1896	1900	rVV	126283	167548	4.43%	0.370%
17	13.900	1905	1908	1911	rVV	65546	96181	2.54%	0.212%
18	14.035	1926	1931	1934	rBV	95755	128351	3.39%	0.283%
19	14.247	1962	1967	1974	rBV	338926	449711	11.88%	0.992%
20	14.346	1975	1984	1989	rVV2	601933	1046338	27.65%	2.308%
21	14.405	1989	1994	2002	rVV	395806	610206	16.12%	1.346%
22	14.552	2014	2019	2028	rVB2	67345	165526	4.37%	0.365%
23	14.740	2046	2051	2058	rVV	358299	574190	15.17%	1.266%
24	14.817	2058	2064	2069	rVV3	84697	155065	4.10%	0.342%
25	14.869	2069	2073	2080	rVB3	95624	160768	4.25%	0.355%
26	14.963	2086	2089	2093	rVV	62965	91647	2.42%	0.202%
27	15.016	2093	2098	2102	rVB	57783	81971	2.17%	0.181%
28	15.198	2125	2129	2133	rVB	442658	526881	13.92%	1.162%
29	15.334	2148	2152	2156	rVB	104431	150962	3.99%	0.333%
30	15.392	2156	2162	2167	rBV	426062	622234	16.44%	1.372%
31	15.551	2186	2189	2192	rBV4	62265	84859	2.24%	0.187%
32	15.604	2193	2198	2202	rVV	224054	370843	9.80%	0.818%
33	15.686	2208	2212	2219	rVB2	114857	214329	5.66%	0.473%
34	15.757	2220	2224	2229	rBV5	58709	101202	2.67%	0.223%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Title : SVOA CALIBRATION

35	15.827	2230	2236	2244	rVB4	121120	302607	8.00%	0.667%
36	15.898	2244	2248	2260	rVB9	37526	99681	2.63%	0.220%
37	16.062	2271	2276	2278	rBV	544575	774024	20.45%	1.707%
38	16.397	2329	2333	2337	rVB4	84394	114065	3.01%	0.252%
39	16.661	2375	2378	2382	rVB2	66909	79186	2.09%	0.175%
40	16.738	2387	2391	2399	rVB	94597	145389	3.84%	0.321%
41	16.849	2406	2410	2415	rVV	430834	557395	14.73%	1.229%
42	16.902	2415	2419	2429	rVB2	305671	494991	13.08%	1.092%
43	17.084	2445	2450	2454	rBV2	658349	1014726	26.81%	2.238%
44	17.131	2454	2458	2463	rVV	2283747	3023836	79.90%	6.669%
45	17.184	2463	2467	2469	rVV2	174511	255130	6.74%	0.563%
46	17.220	2469	2473	2478	rVV	676225	918848	24.28%	2.027%
47	17.272	2478	2482	2487	rVV2	71168	105897	2.80%	0.234%
48	17.455	2509	2513	2515	rBV2	49082	78137	2.06%	0.172%
49	17.490	2515	2519	2526	rVB	218581	325436	8.60%	0.718%
50	17.590	2531	2536	2542	rVV2	304343	437956	11.57%	0.966%
51	17.660	2545	2548	2558	rVB6	57435	113615	3.00%	0.251%
52	17.960	2594	2599	2603	rBV	211822	288644	7.63%	0.637%
53	18.007	2603	2607	2614	rVB	324132	485358	12.83%	1.071%
54	18.089	2616	2621	2626	rBV	164088	220971	5.84%	0.487%
55	18.160	2626	2633	2636	rVV2	381932	647312	17.11%	1.428%
56	18.189	2636	2638	2644	rVB	148509	187897	4.97%	0.414%
57	18.277	2649	2653	2657	rBV	179156	233262	6.16%	0.514%
58	18.465	2680	2685	2688	rVV	158922	216741	5.73%	0.478%
59	18.506	2688	2692	2703	rVV2	83695	150266	3.97%	0.331%
60	18.800	2738	2742	2745	rVB	58326	74806	1.98%	0.165%
61	18.882	2750	2756	2759	rBV	117931	201215	5.32%	0.444%
62	18.912	2759	2761	2765	rVB	81758	87993	2.33%	0.194%
63	19.023	2776	2780	2787	rVB2	95094	153613	4.06%	0.339%
64	19.147	2795	2801	2807	rBV	2627617	3510639	92.77%	7.743%
65	19.241	2814	2817	2822	rVB2	59052	79834	2.11%	0.176%
66	19.341	2829	2834	2837	rBV7	37442	79659	2.10%	0.176%
67	19.388	2839	2842	2846	rVB	62740	85571	2.26%	0.189%
68	19.511	2852	2863	2871	rBV2	2058574	3784310	100.00%	8.347%
69	19.582	2871	2875	2881	rVB2	112556	171979	4.54%	0.379%
70	19.687	2889	2893	2899	rVB	130340	183523	4.85%	0.405%
71	19.746	2899	2903	2909	rVB	137550	202360	5.35%	0.446%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Title : SVOA CALIBRATION

72	19.828	2912	2917	2924	rBV3	128367	311428	8.23%	0.687%
73	20.005	2943	2947	2953	rVB	365069	513430	13.57%	1.132%
74	20.104	2959	2964	2968	rBV	355200	468214	12.37%	1.033%
75	20.163	2968	2974	2978	rVV2	185387	322467	8.52%	0.711%
76	20.304	2994	2998	3001	rBV	73614	95309	2.52%	0.210%
77	20.345	3001	3005	3009	rBV3	87978	129700	3.43%	0.286%
78	20.745	3070	3073	3081	rVB	109696	164104	4.34%	0.362%
79	20.915	3098	3102	3105	rBV2	107516	140877	3.72%	0.311%
80	20.951	3105	3108	3111	rVV	165735	214916	5.68%	0.474%
81	20.986	3111	3114	3119	rVV3	222952	387163	10.23%	0.854%
82	21.045	3121	3124	3132	rVB	113824	173035	4.57%	0.382%
83	21.256	3154	3160	3165	rBV3	1507928	2930240	77.43%	6.463%
84	21.303	3165	3168	3178	rVB	996286	1271737	33.61%	2.805%
85	21.415	3184	3187	3192	rBV	328866	418125	11.05%	0.922%
86	21.526	3204	3206	3210	rVB	95206	89573	2.37%	0.198%
87	21.573	3210	3214	3219	rVB2	151605	218375	5.77%	0.482%
88	21.814	3252	3255	3258	rVB	150573	175567	4.64%	0.387%
89	21.849	3258	3261	3269	rVB2	120271	252219	6.66%	0.556%
90	21.961	3278	3280	3284	rBV2	74234	91339	2.41%	0.201%
91	22.102	3301	3304	3314	rVB6	100118	200326	5.29%	0.442%
92	22.308	3336	3339	3350	rVB6	122126	257773	6.81%	0.569%
93	22.837	3423	3429	3434	rBV	720642	1754883	46.37%	3.871%
94	23.007	3454	3458	3464	rVB	191466	305713	8.08%	0.674%
95	23.324	3506	3512	3517	rBV2	379621	726408	19.20%	1.602%
96	23.418	3522	3528	3535	rVV	787662	1460568	38.60%	3.221%
97	23.518	3539	3545	3550	rVV2	594523	1160349	30.66%	2.559%
98	23.565	3550	3553	3561	rVB2	240695	435038	11.50%	0.960%
99	25.815	3928	3936	3947	rVB2	334010	962408	25.43%	2.123%
100	26.515	4050	4055	4067	rVB2	187716	539103	14.25%	1.189%

Sum of corrected areas: 45338555

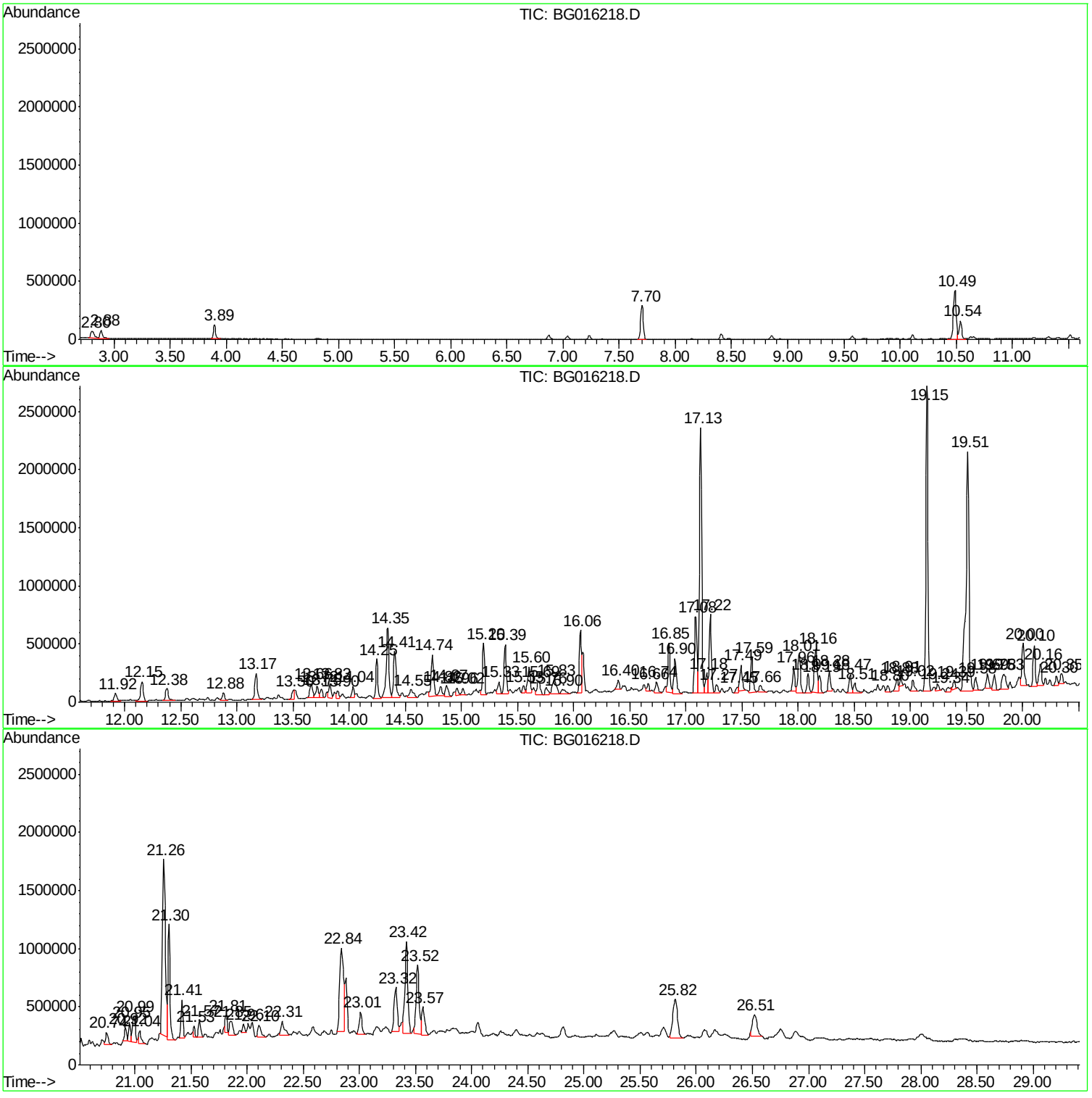
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

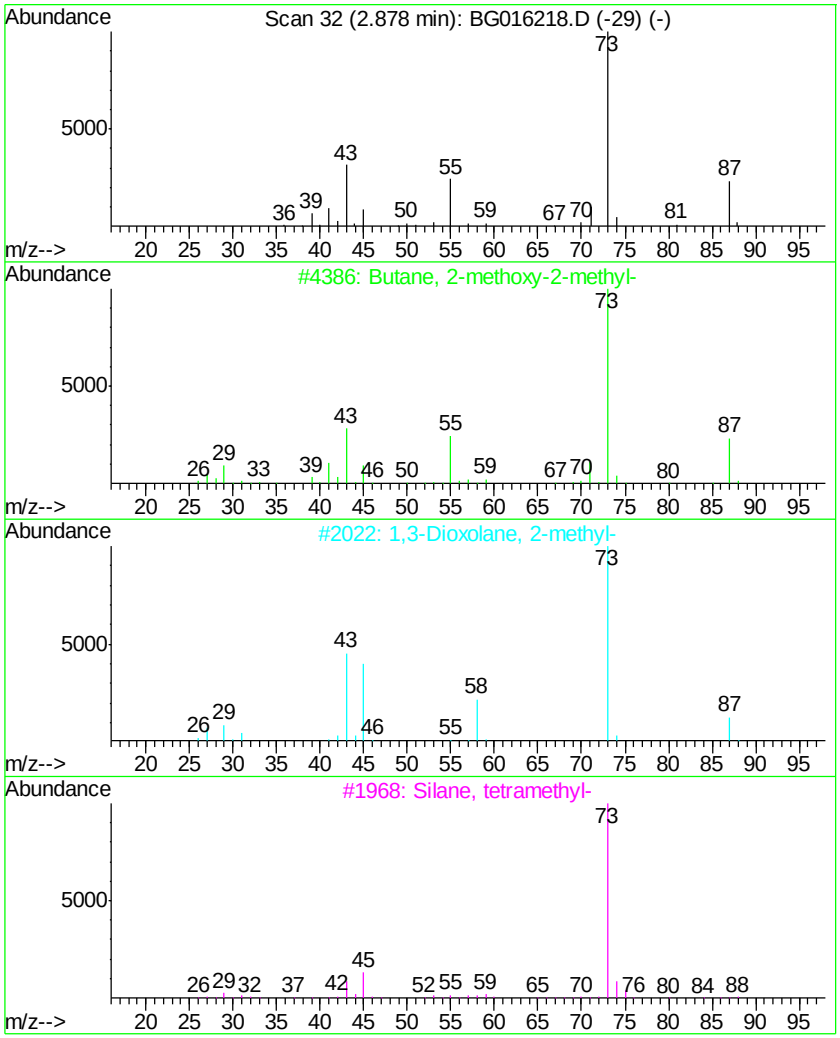
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

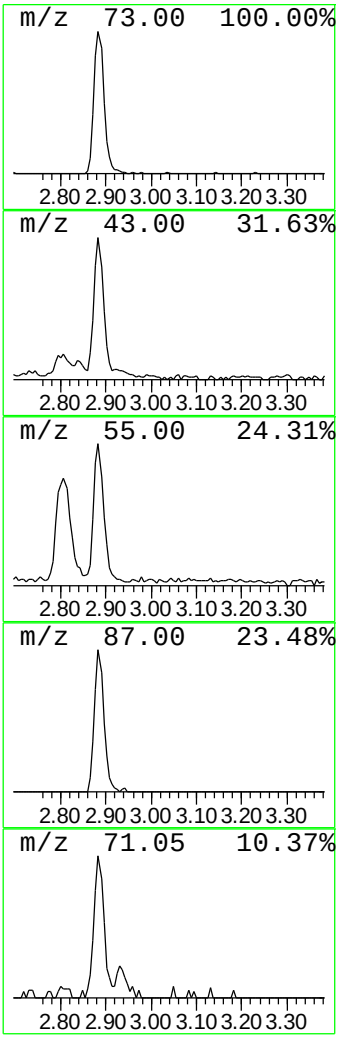
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	4.87 ng/ul	111146	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

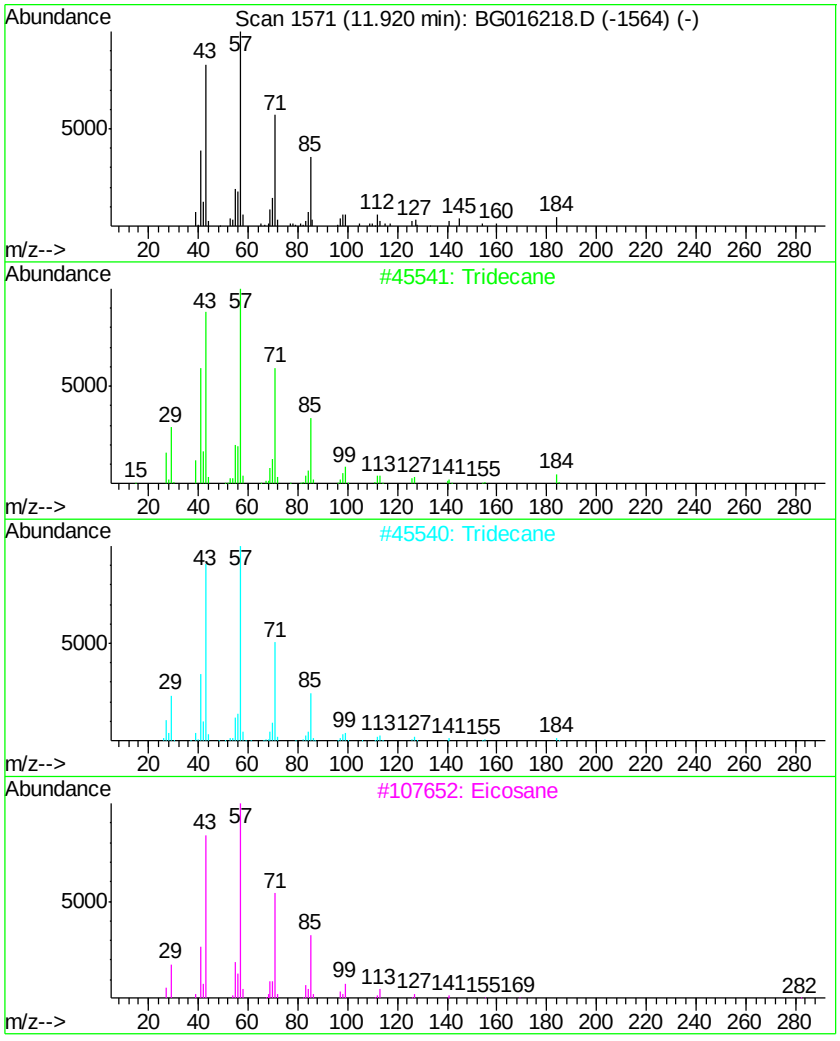
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

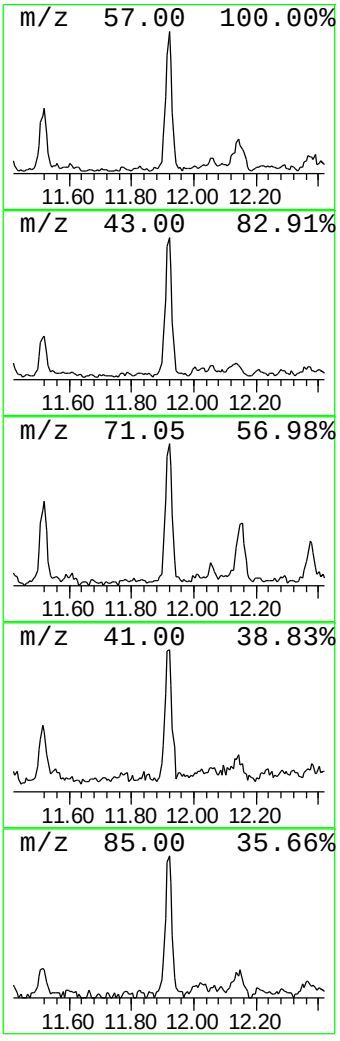
****

Peak Number 4 (DEL) Alkane: Straight-Chain Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.10 ng/ul	112656	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Tridecane	184	C13H28	000629-50-5	87
3	Eicosane	282	C20H42	000112-95-8	83
4	Tridecane	184	C13H28	000629-50-5	83
5	Tridecane	184	C13H28	000629-50-5	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

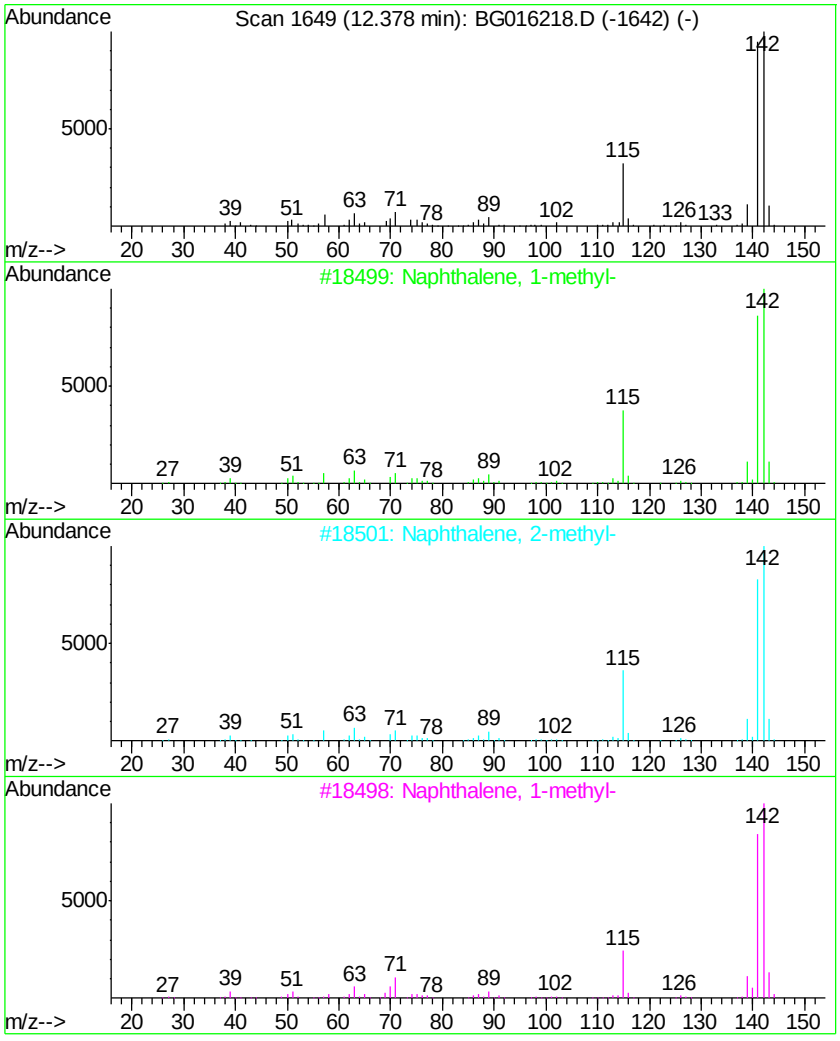
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

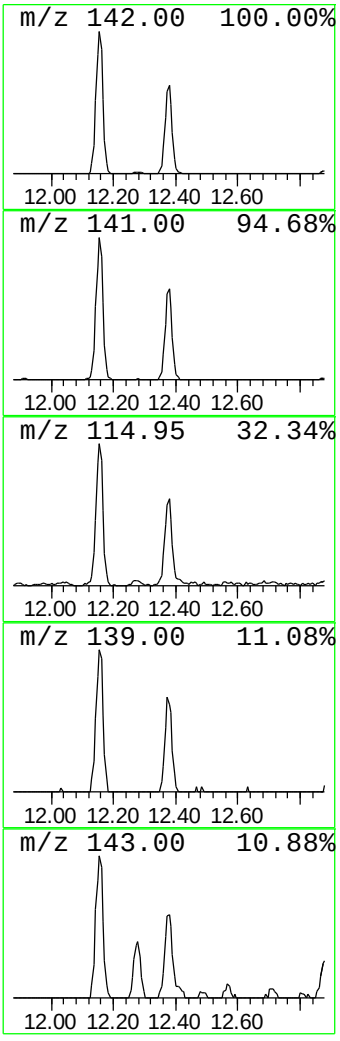
****

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	5.05 ng/ul	183470	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Data Path : Z:\HPCHEM1\BNA G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

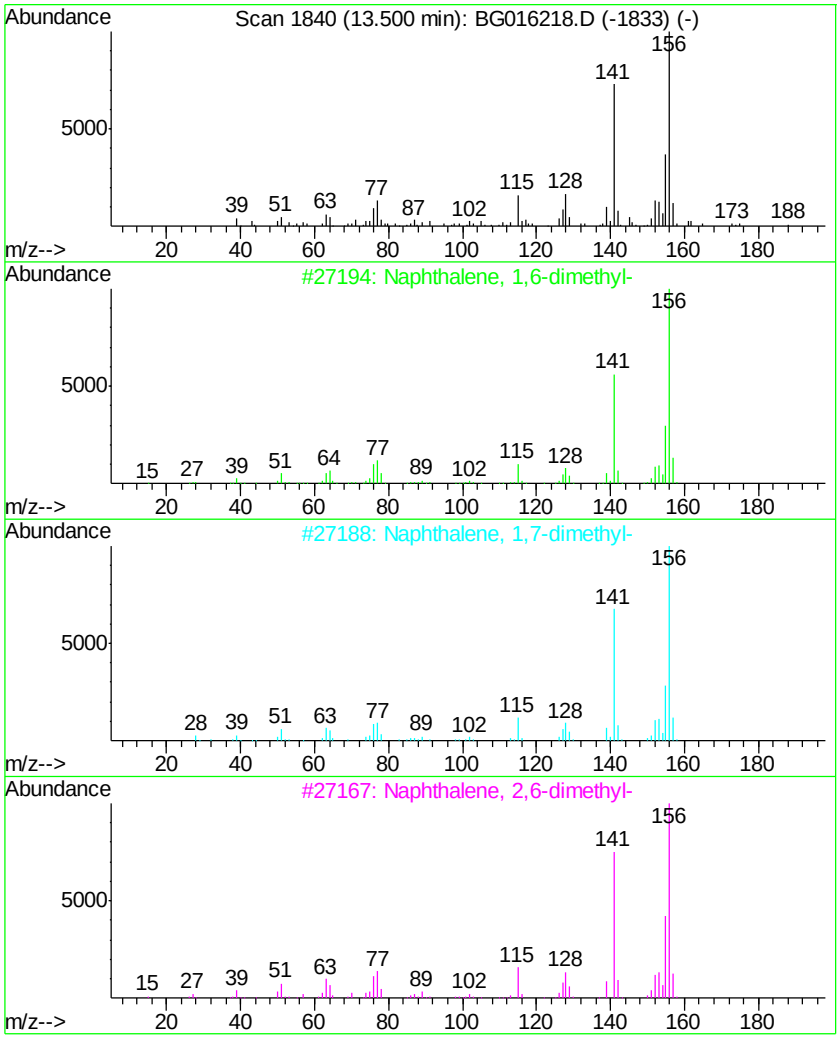
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

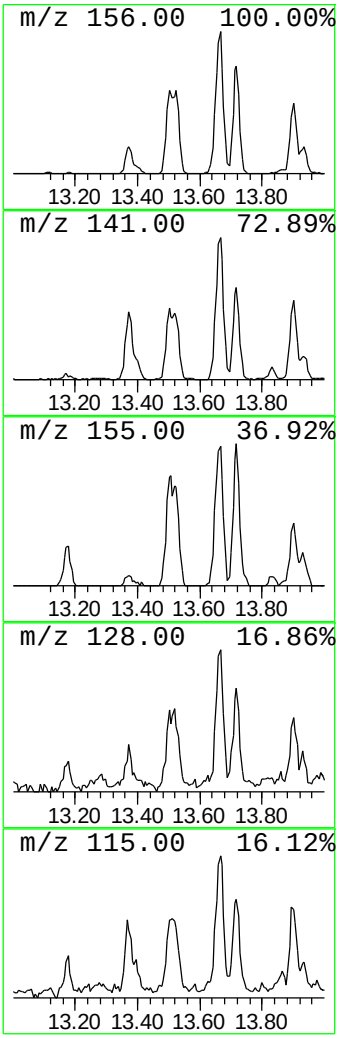
****

Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	2.56 ng/ul	134173	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





Data Path : Z:\HPCHEM1\BNA G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

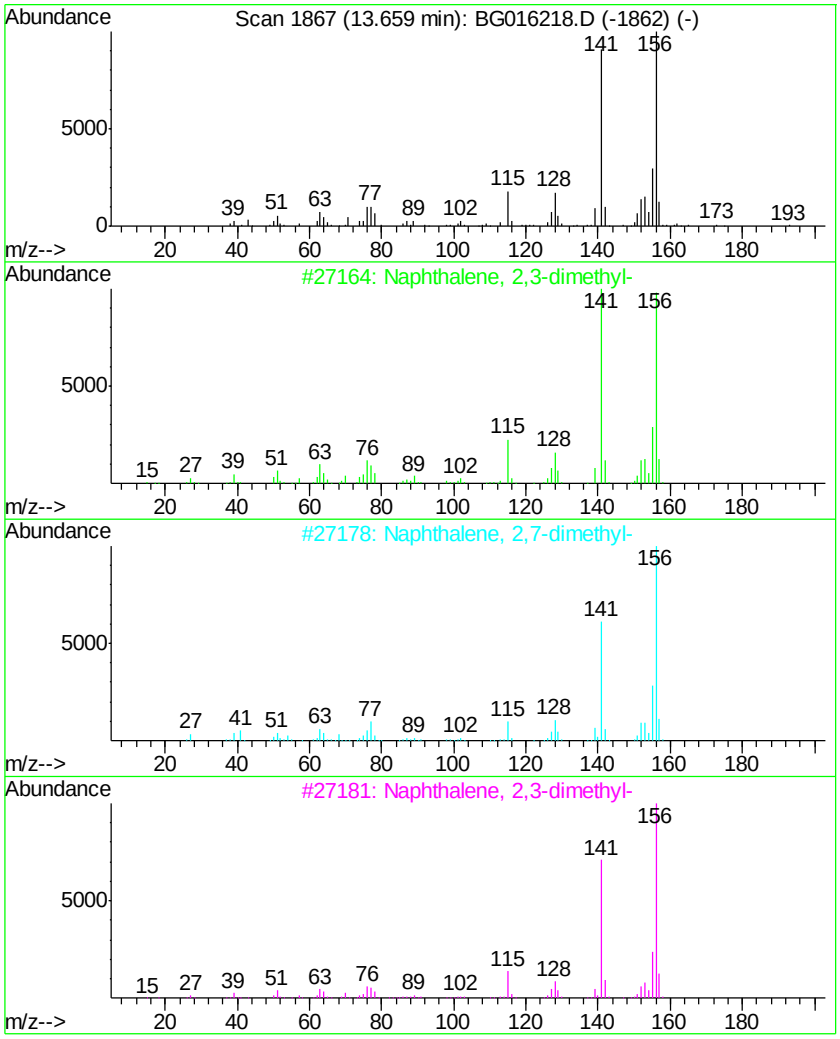
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

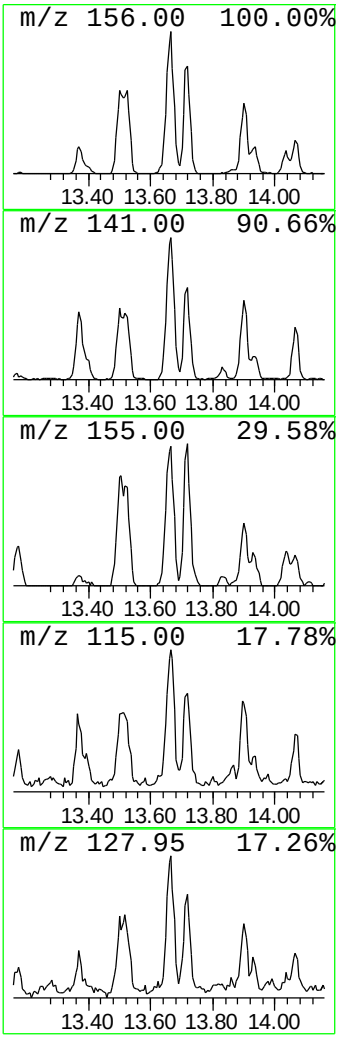
****

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	4.08 ng/ul	213447	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Data Path : Z:\HPCHEM1\BNA G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

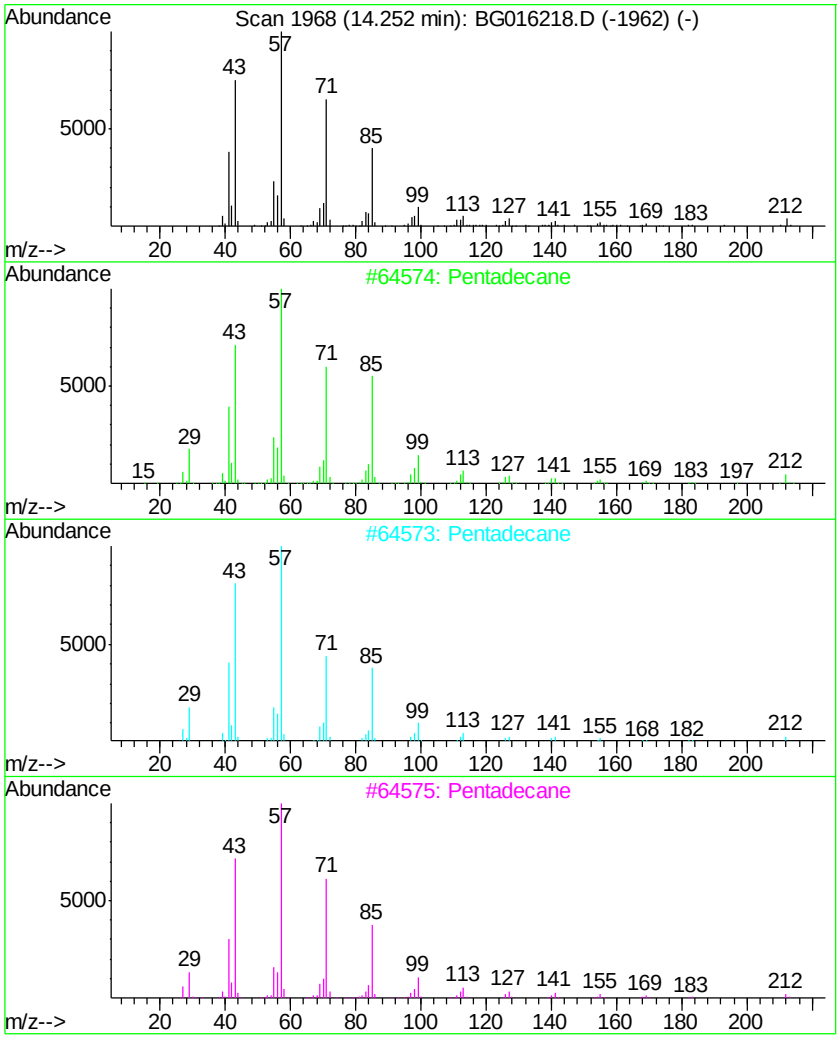
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

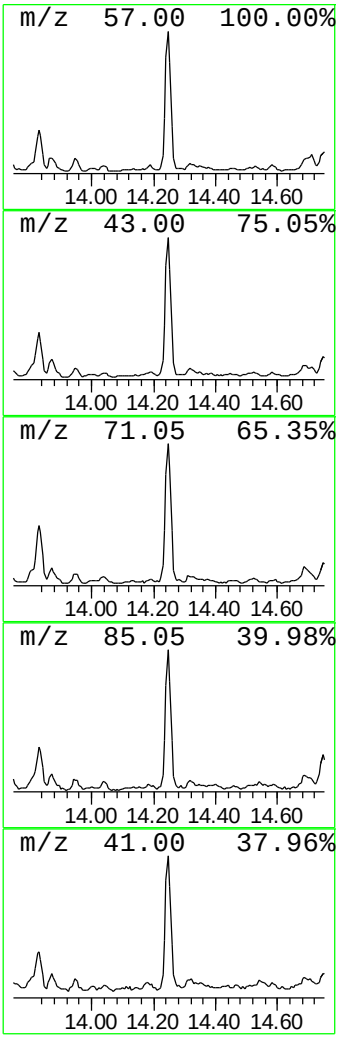
****

Peak Number 8 (DEL) Alkane: Straight-Chain Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	8.60 ng/ul	449711	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	96
2	Pentadecane	212	C15H32	000629-62-9	96
3	Pentadecane	212	C15H32	000629-62-9	93
4	Hexadecane	226	C16H34	000544-76-3	91
5	Tetradecane	198	C14H30	000629-59-4	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

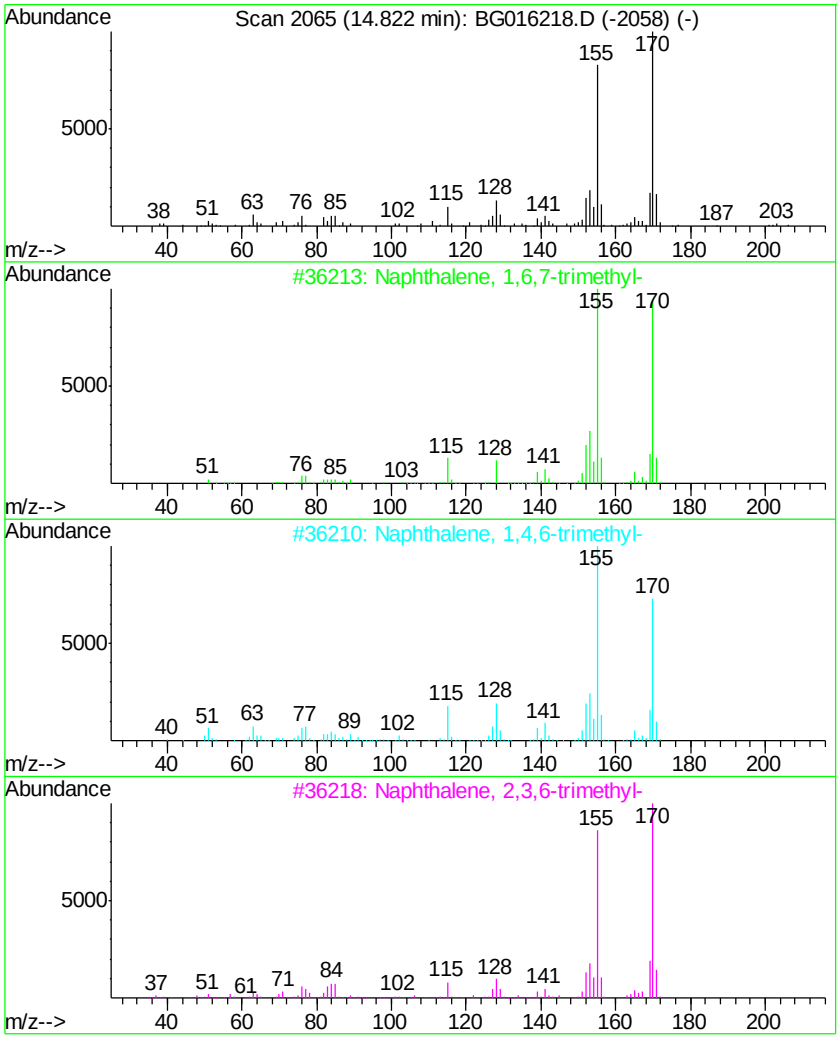
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

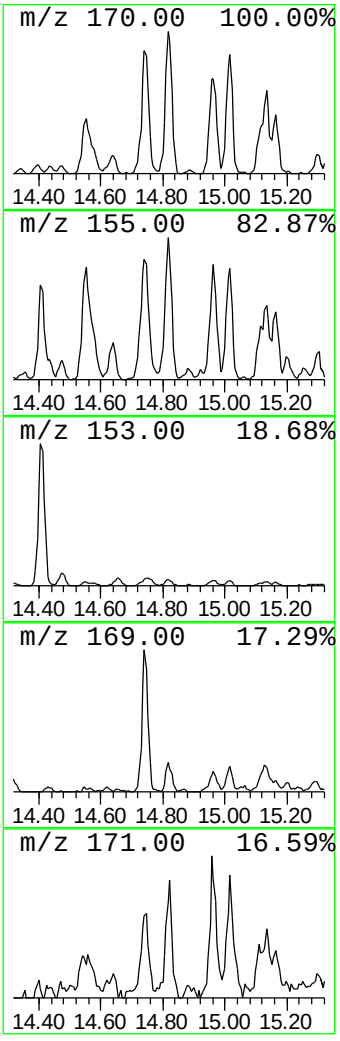
****

Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	2.96 ng/ul	155065	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95





Data Path : Z:\HPCHEM1\BNA G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

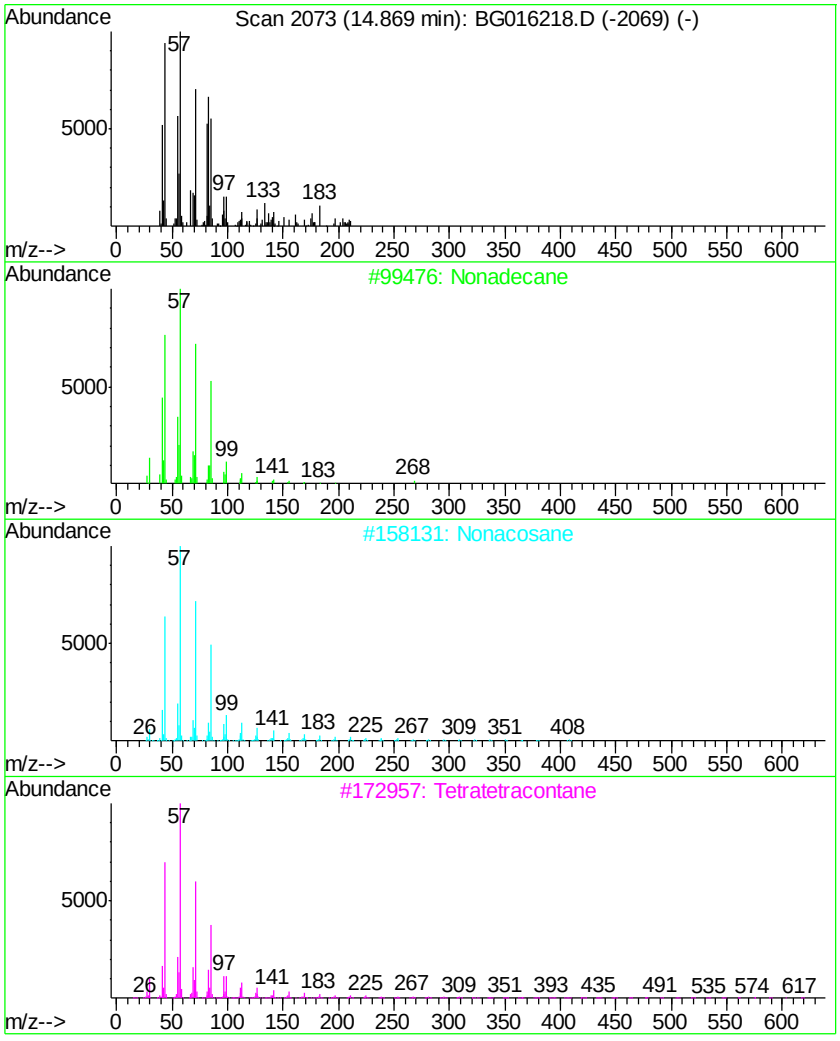
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

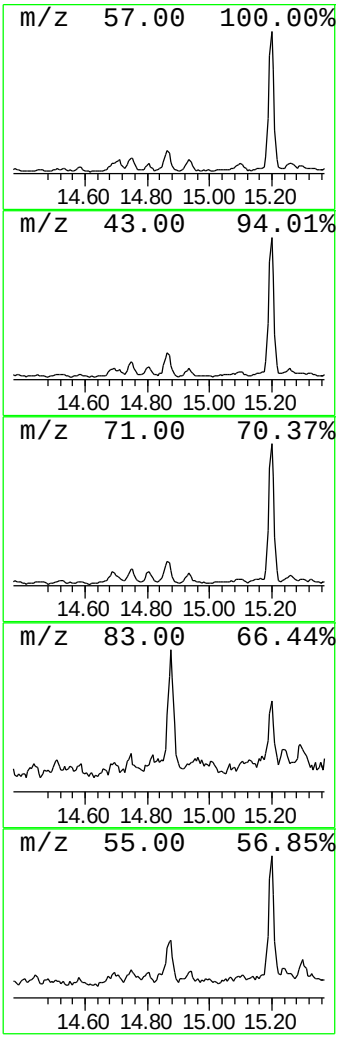
****

Peak Number 10 unknown-01 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	3.07 ng/ul	160768	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	46
2	Nonacosane	408	C29H60	000630-03-5	43
3	Tetratetracontane	619	C44H90	007098-22-8	38
4	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	38
5	Tetradecane	198	C14H30	000629-59-4	38





Data Path : Z:\HPCHEM1\BNA G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

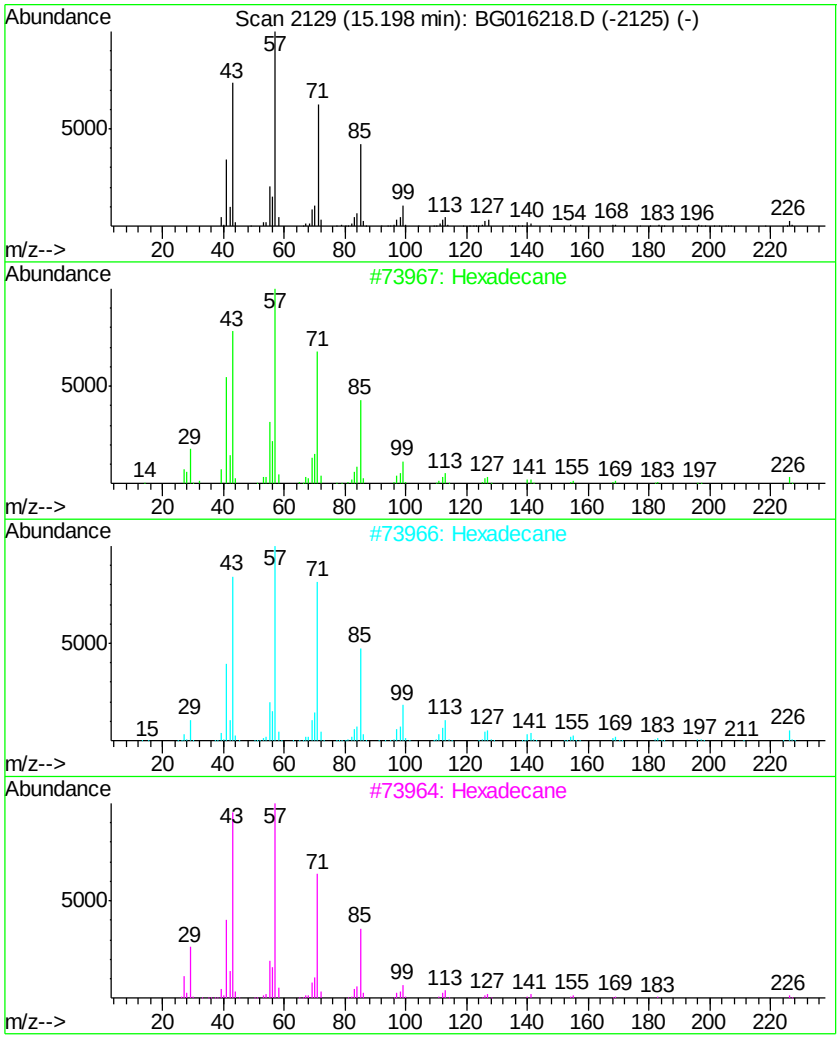
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

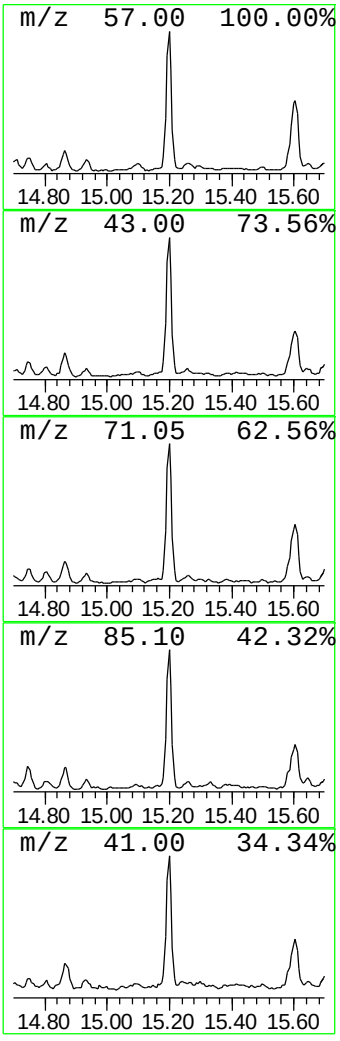
****

Peak Number 11 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	10.07 ng/ul	526881	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Hexadecane	226	C16H34	000544-76-3	95
3	Hexadecane	226	C16H34	000544-76-3	94
4	Hexadecane	226	C16H34	000544-76-3	94
5	Hexadecane	226	C16H34	000544-76-3	93





Data Path : Z:\HPCHEM1\BNA G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

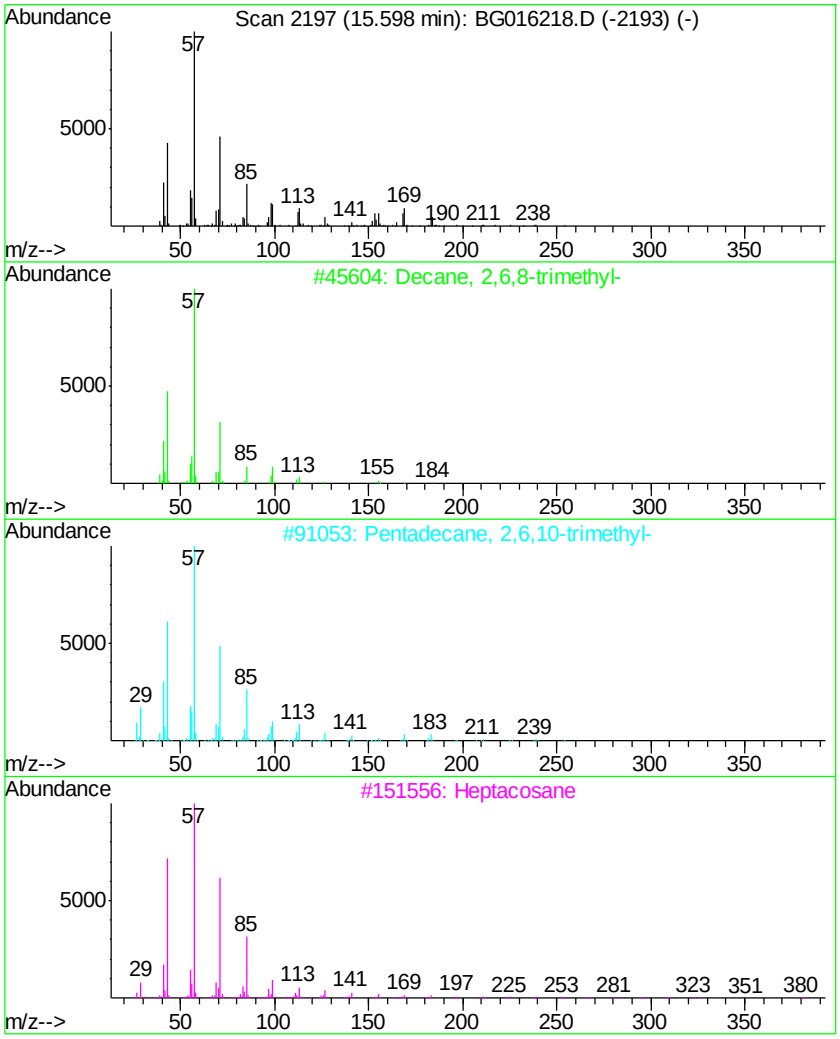
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

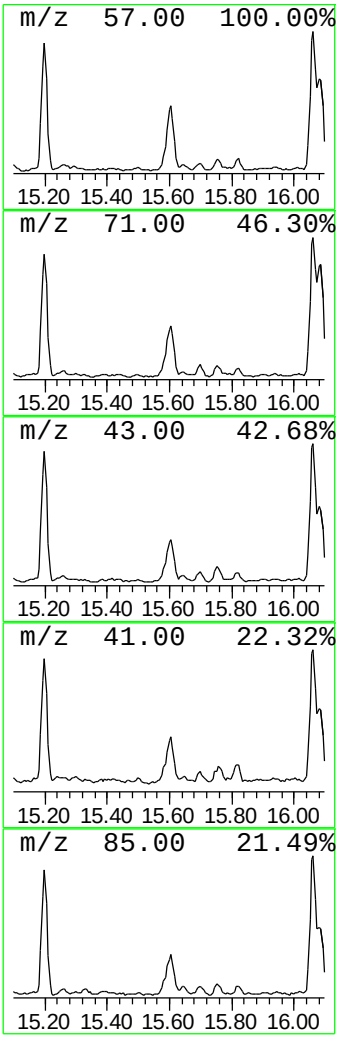
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chain Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	7.09 ng/ul	370843	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	83
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
3	Heptacosane	380	C27H56	000593-49-7	58
4	Undecane, 5-ethyl-	184	C13H28	017453-94-0	53
5	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	53





Data Path : Z:\HPCHEM1\BNA G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

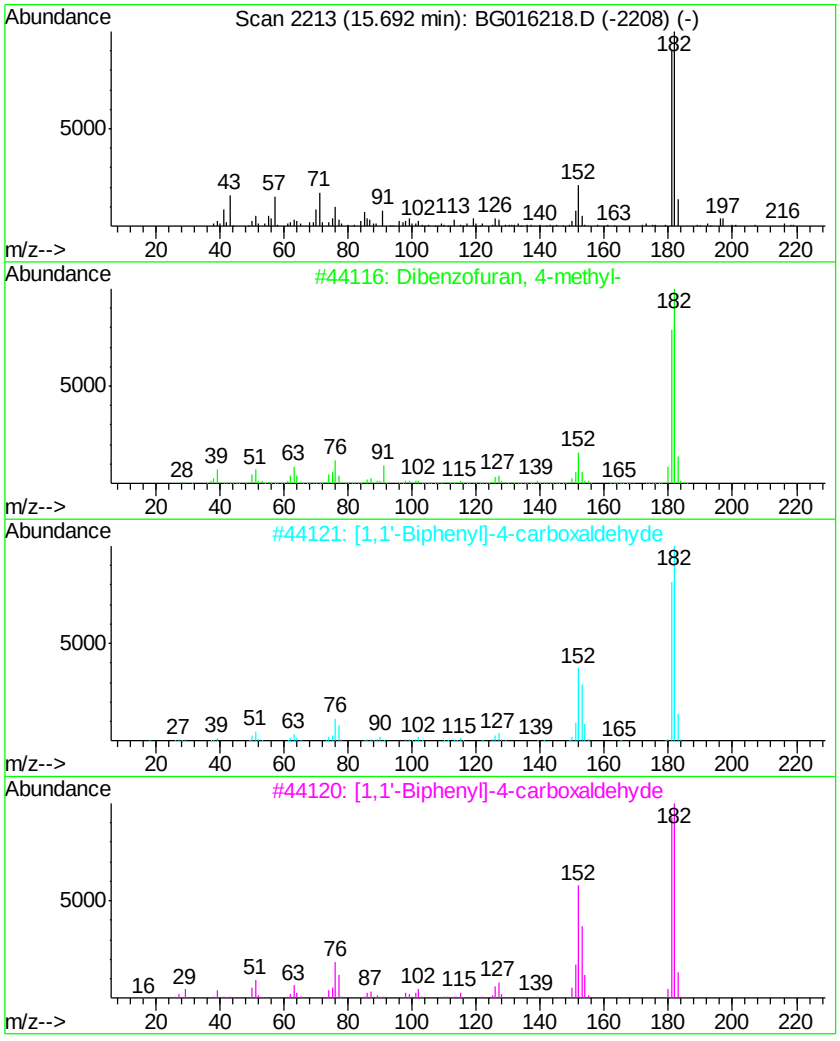
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

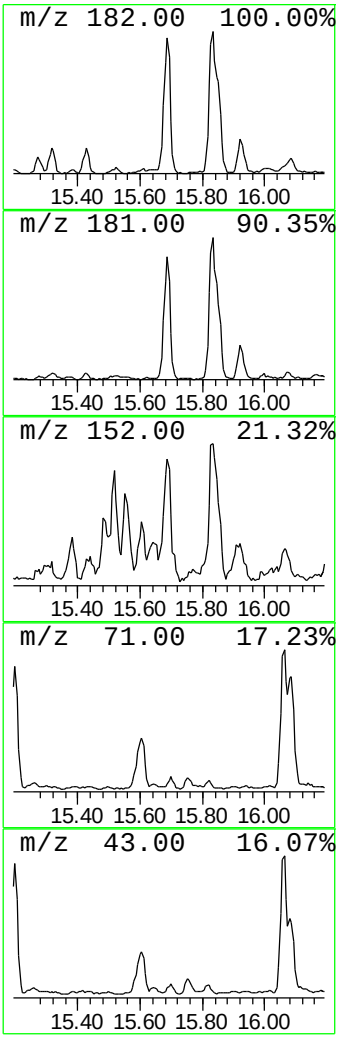
****

Peak Number 13 Dibenzofuran, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	4.10 ng/ul	214329	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	64





Data Path : Z:\HPCHEM1\BNA G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

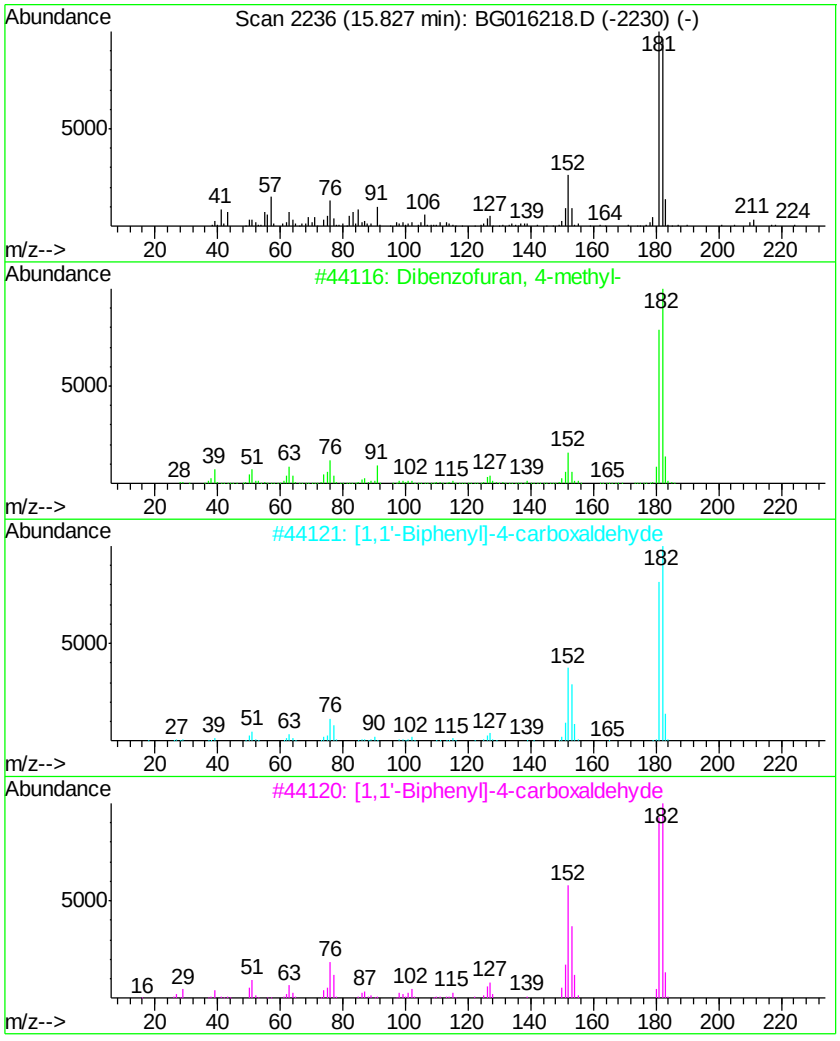
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

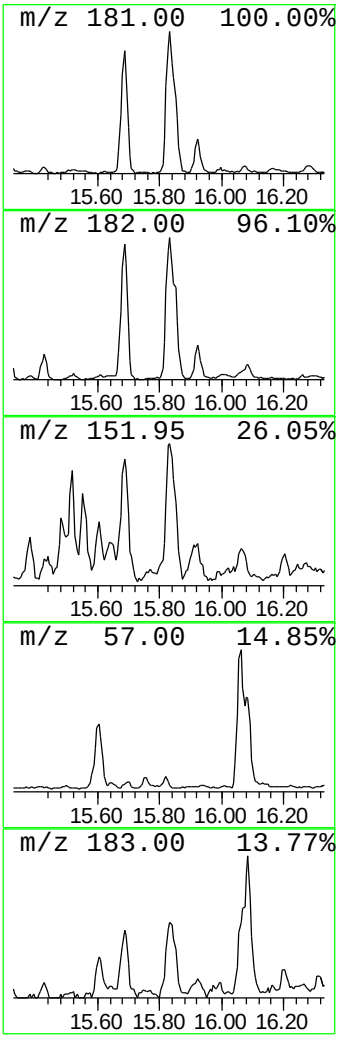
****

Peak Number 14 Dibenzofuran, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	5.96 ng/ul	302607	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

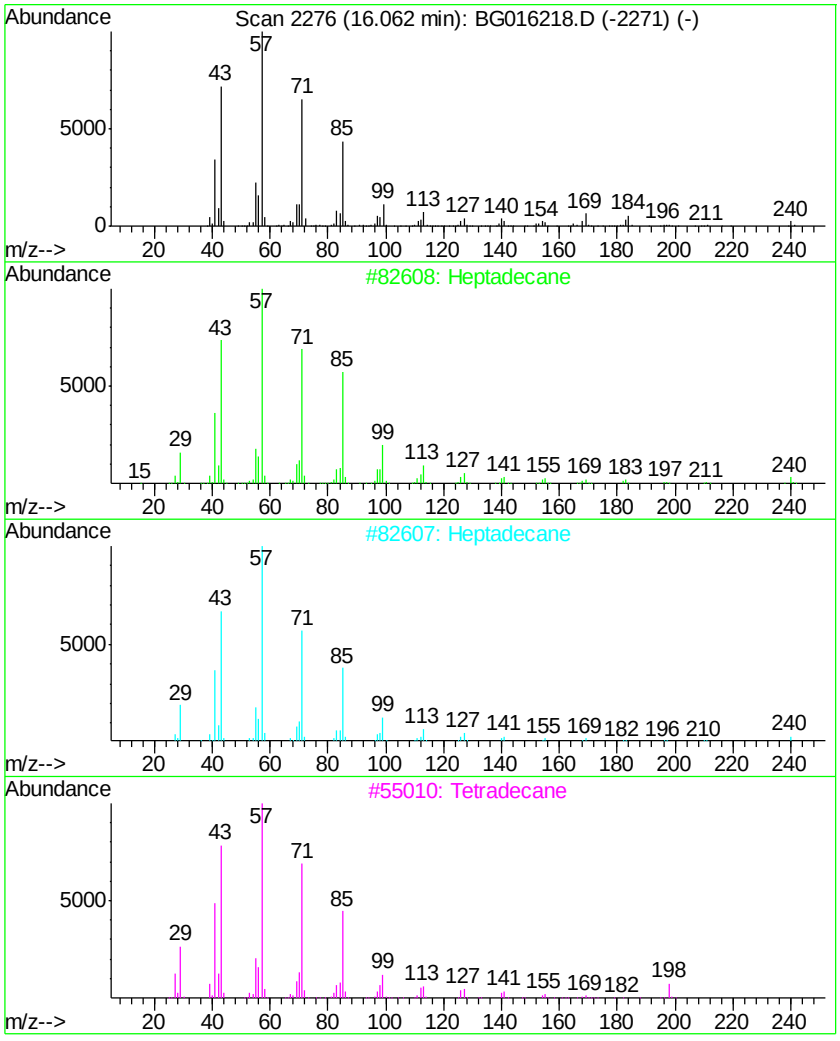
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

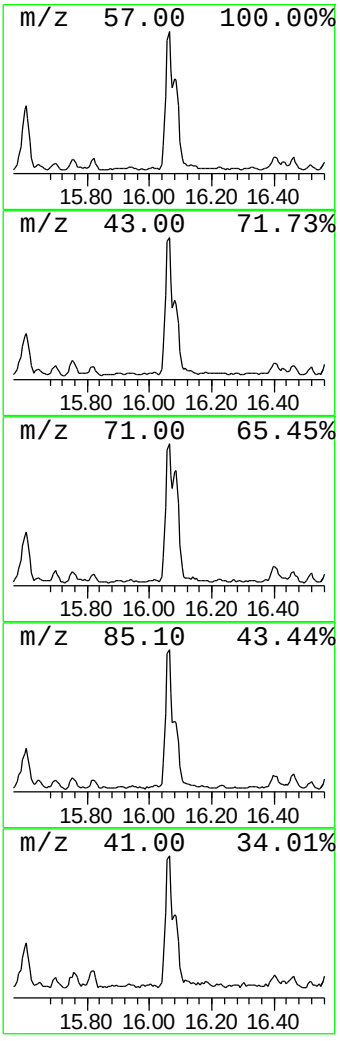
****

Peak Number 15 (DEL) Alkane: Straight-Chain Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	15.26 ng/ul	774024	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Heptadecane	240	C17H36	000629-78-7	96
3	Tetradecane	198	C14H30	000629-59-4	95
4	Tridecane	184	C13H28	000629-50-5	91
5	Tridecane	184	C13H28	000629-50-5	87





Data Path : Z:\HPCHEM1\BNA G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

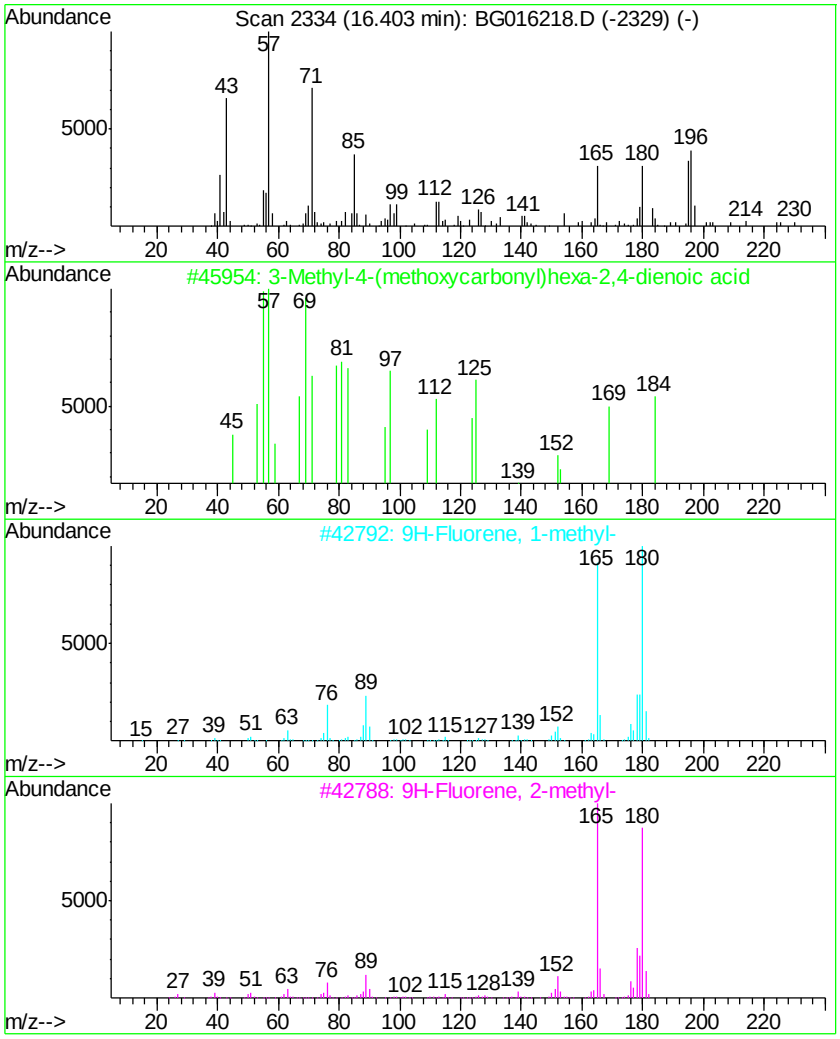
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

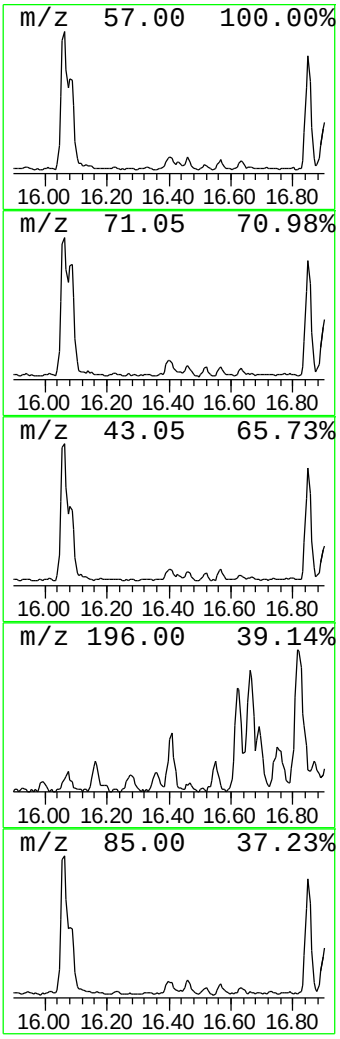
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 3-Methyl-4-(methoxycarbonyl... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	2.25 ng/ul	114065	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	56
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	42
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	42
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	42
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	42





Data Path : Z:\HPCHEM1\BNA G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

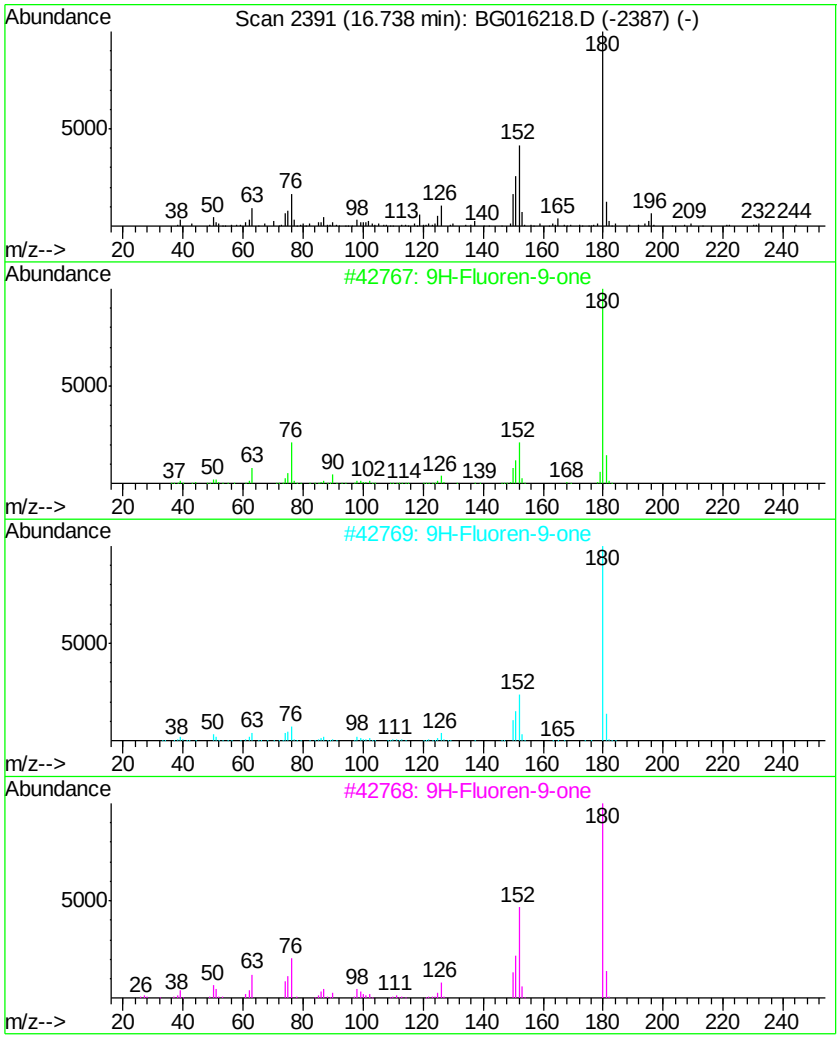
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

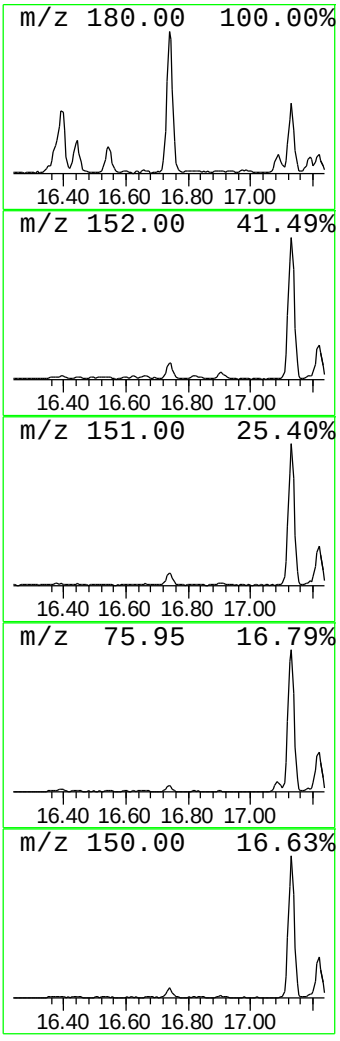
****

Peak Number 17 9H-Fluoren-9-one Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	2.87 ng/ul	145389	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	83





Data Path : Z:\HPCHEM1\BNA G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

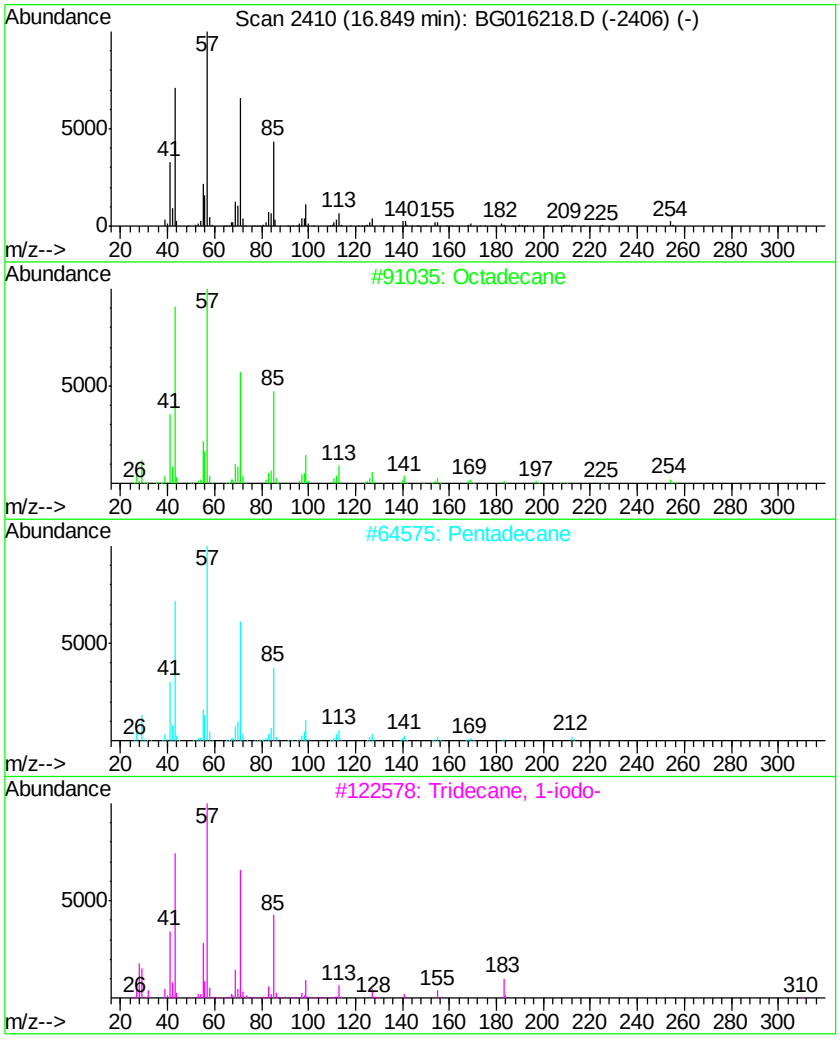
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

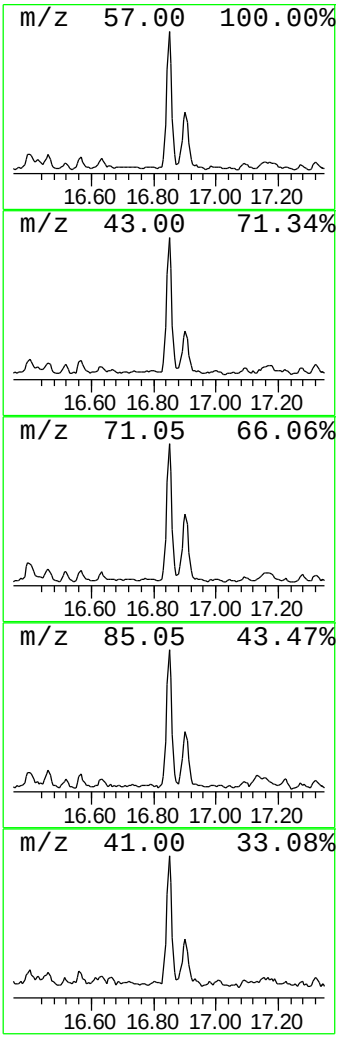
****

Peak Number 18 (DEL) Alkane: Straight-Chain Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	10.99 ng/ul	557395	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Pentadecane	212	C15H32	000629-62-9	94
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
5	Hexadecane	226	C16H34	000544-76-3	90





Data Path : Z:\HPCHEM1\BNA G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

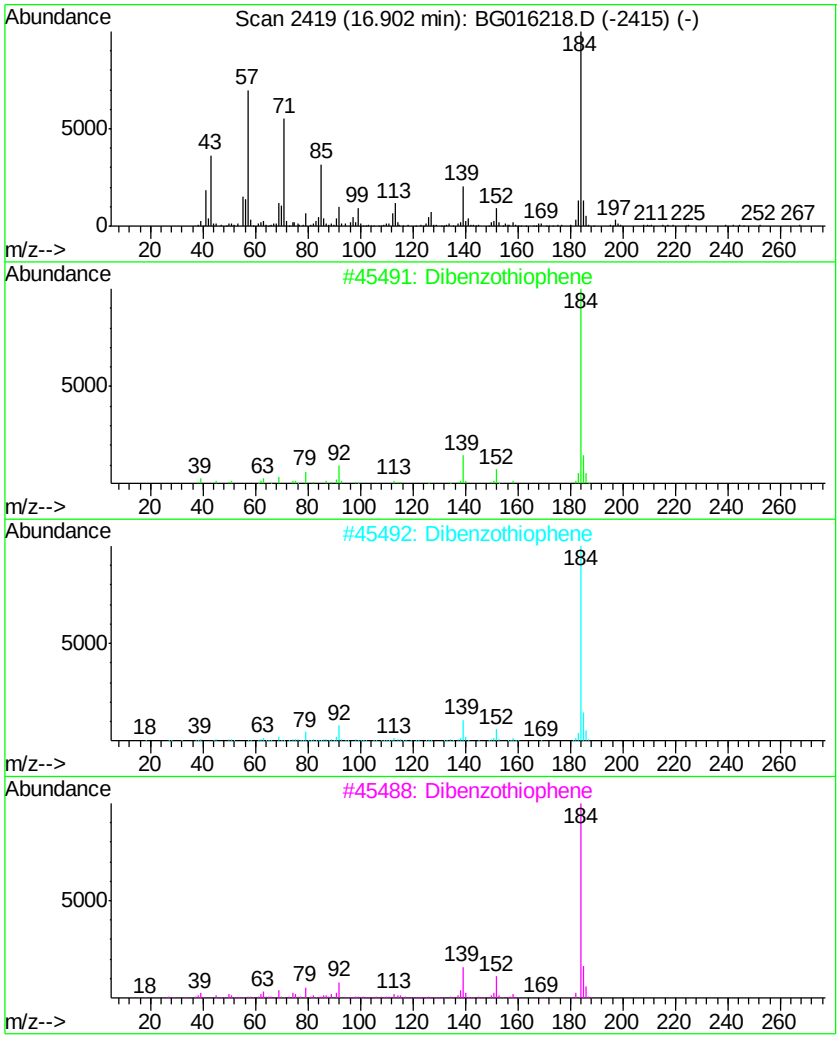
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

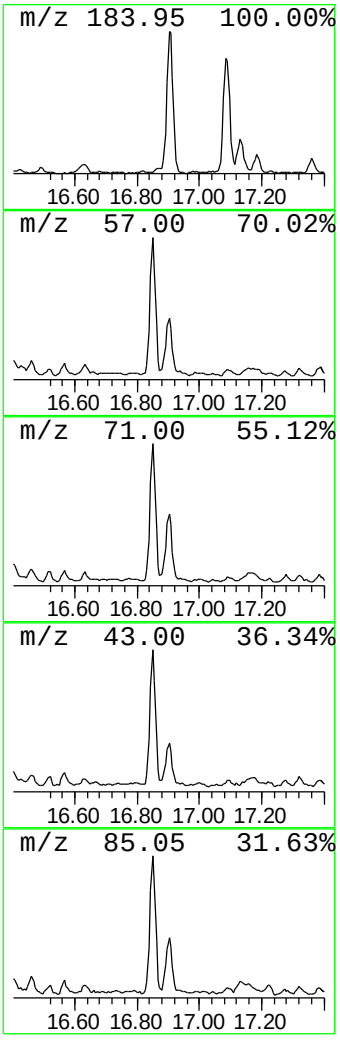
****

Peak Number 19 Dibenzothiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	9.76 ng/ul	494991	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	90
2	Dibenzothiophene	184	C12H8S	000132-65-0	90
3	Dibenzothiophene	184	C12H8S	000132-65-0	70
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	60
5	Dibenzothiophene	184	C12H8S	000132-65-0	55





Data Path : Z:\HPCHEM1\BNA G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

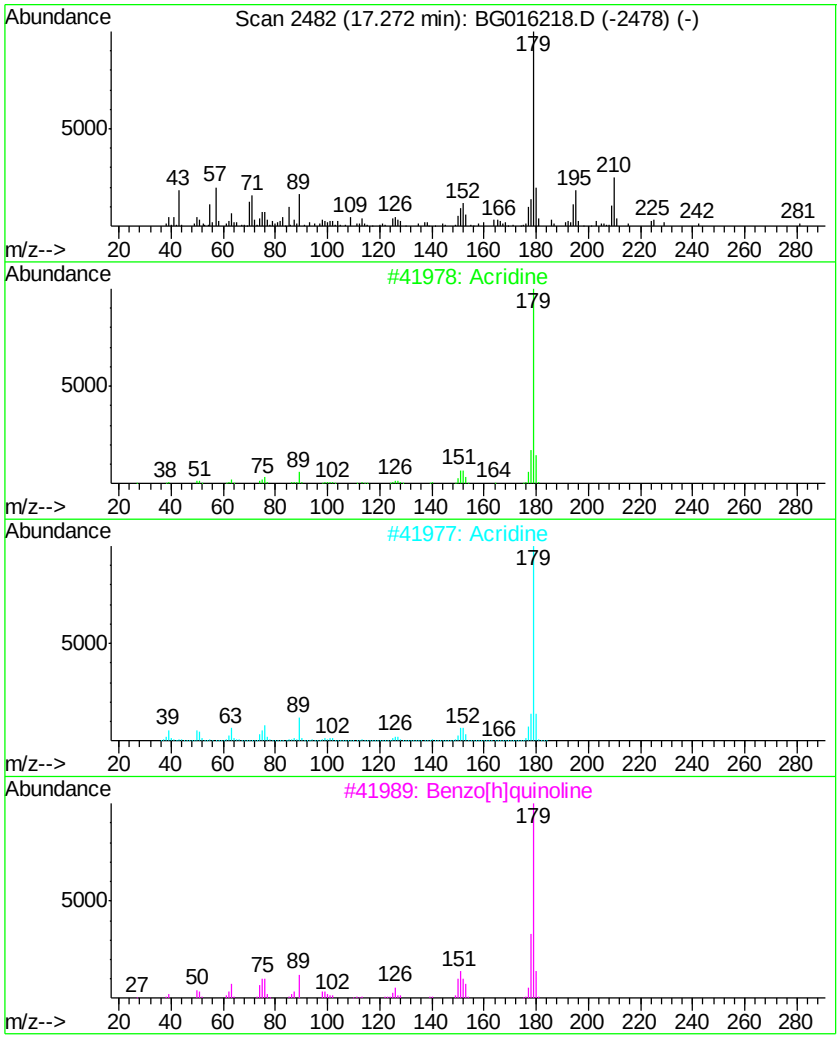
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

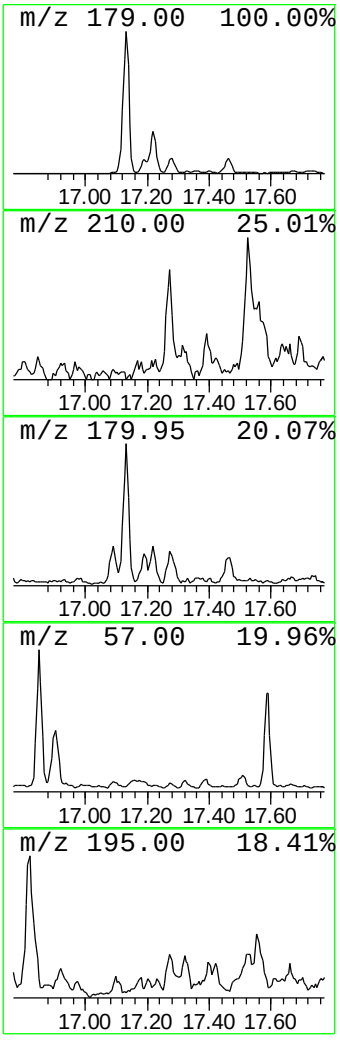
****

Peak Number 20 Acridine Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	2.09 ng/ul	105897	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	92
2	Acridine	179	C13H9N	000260-94-6	92
3	Benzo[h]quinoline	179	C13H9N	000230-27-3	78
4	Phenanthridine	179	C13H9N	000229-87-8	70
5	Benzo[h]quinoline	179	C13H9N	000230-27-3	64





Data Path : Z:\HPCHEM1\BNA G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

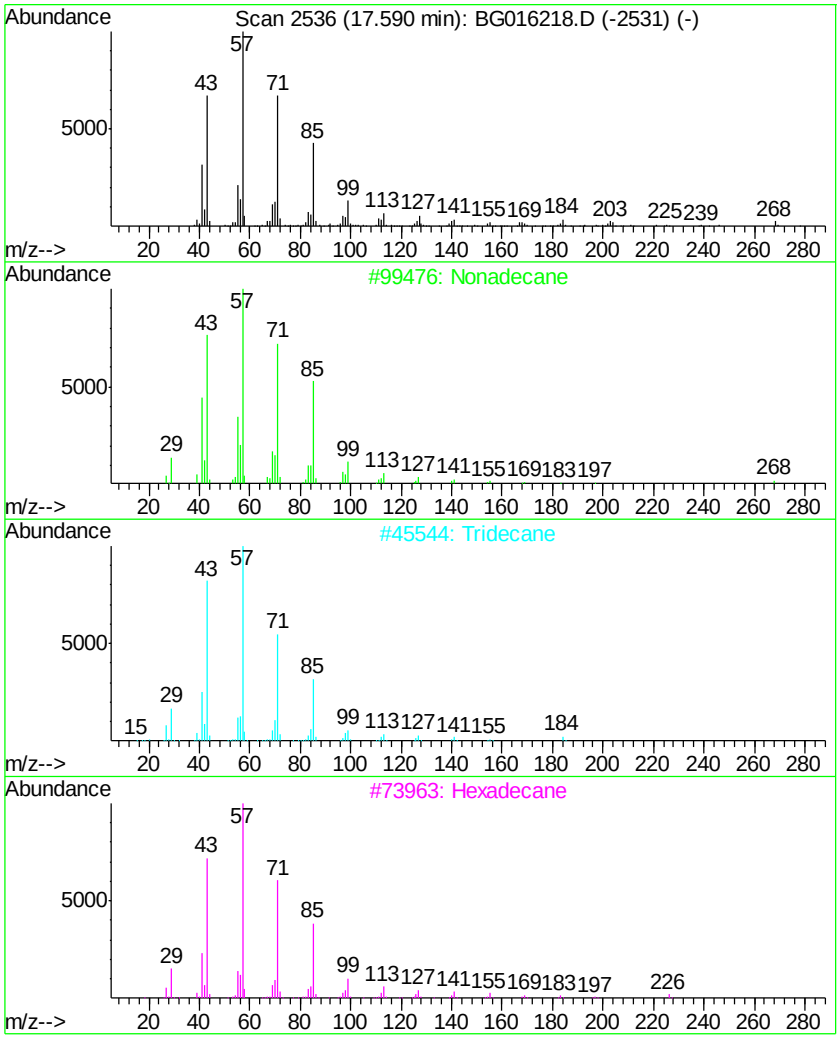
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

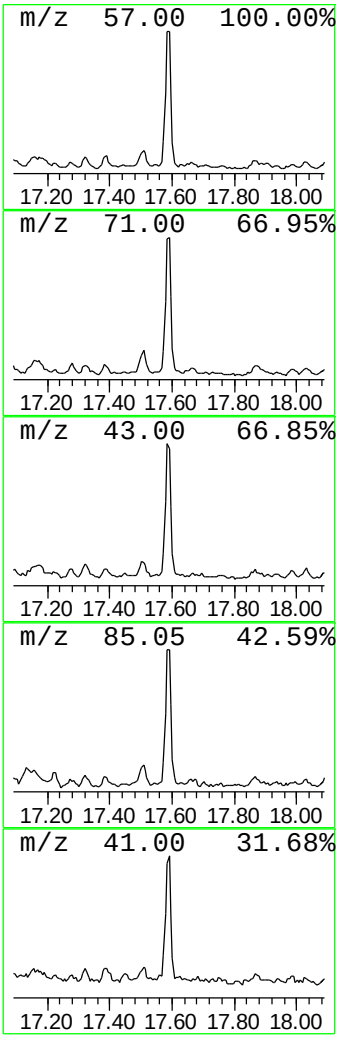
****

Peak Number 21 (DEL) Alkane: Straight-Chain Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.59	8.63 ng/ul	437956	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	98
2	Tridecane	184	C13H28	000629-50-5	94
3	Hexadecane	226	C16H34	000544-76-3	94
4	Nonadecane	268	C19H40	000629-92-5	93
5	Heptacosane	380	C27H56	000593-49-7	91





Data Path : Z:\HPCHEM1\BNA G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

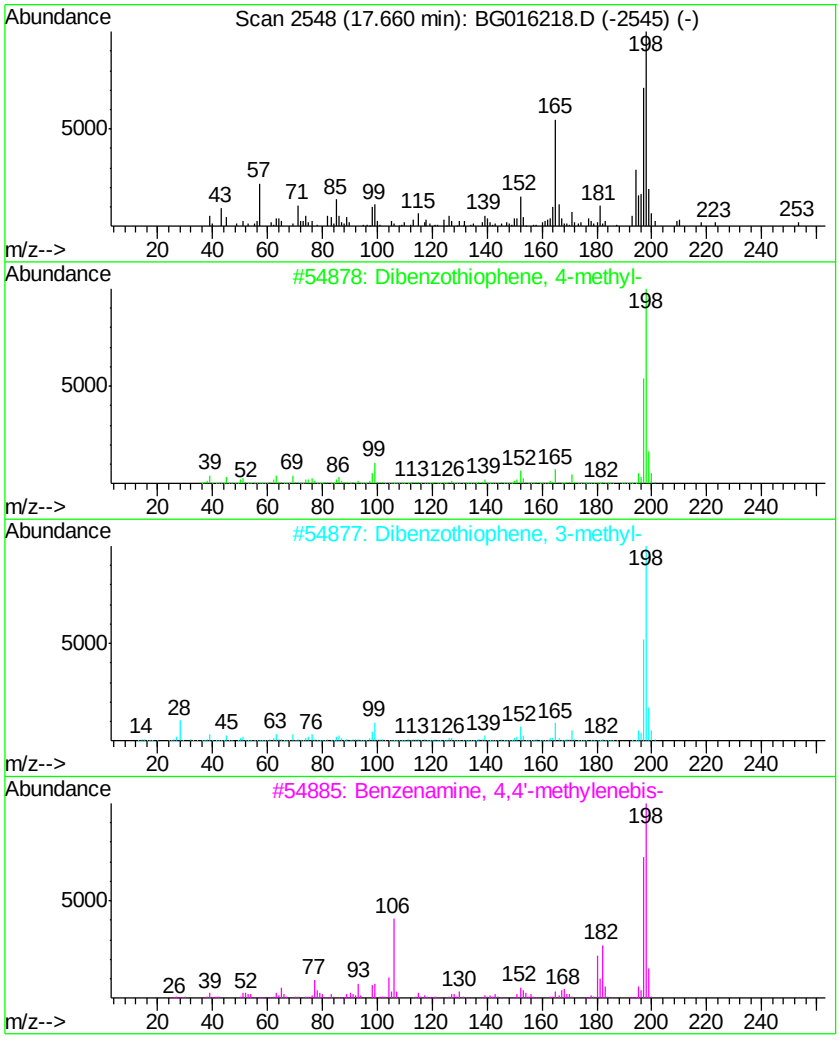
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

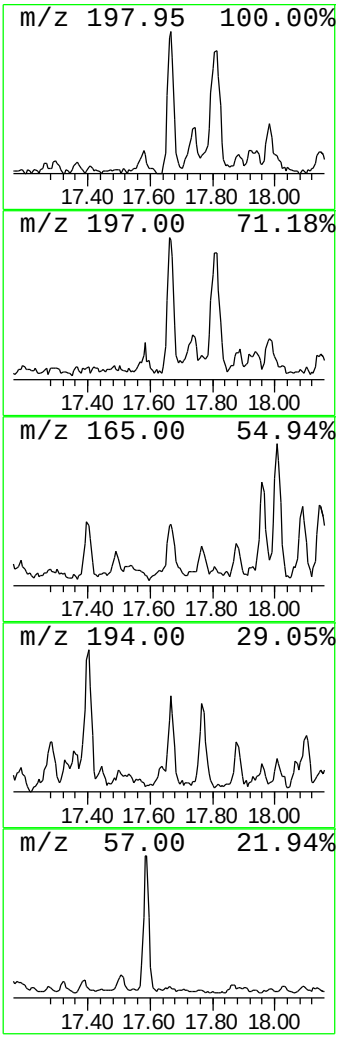
****

Peak Number 22 Dibenzothiophene, 4-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	2.24 ng/ul	113615	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	60
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	60
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	53
4	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	52
5	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	49





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

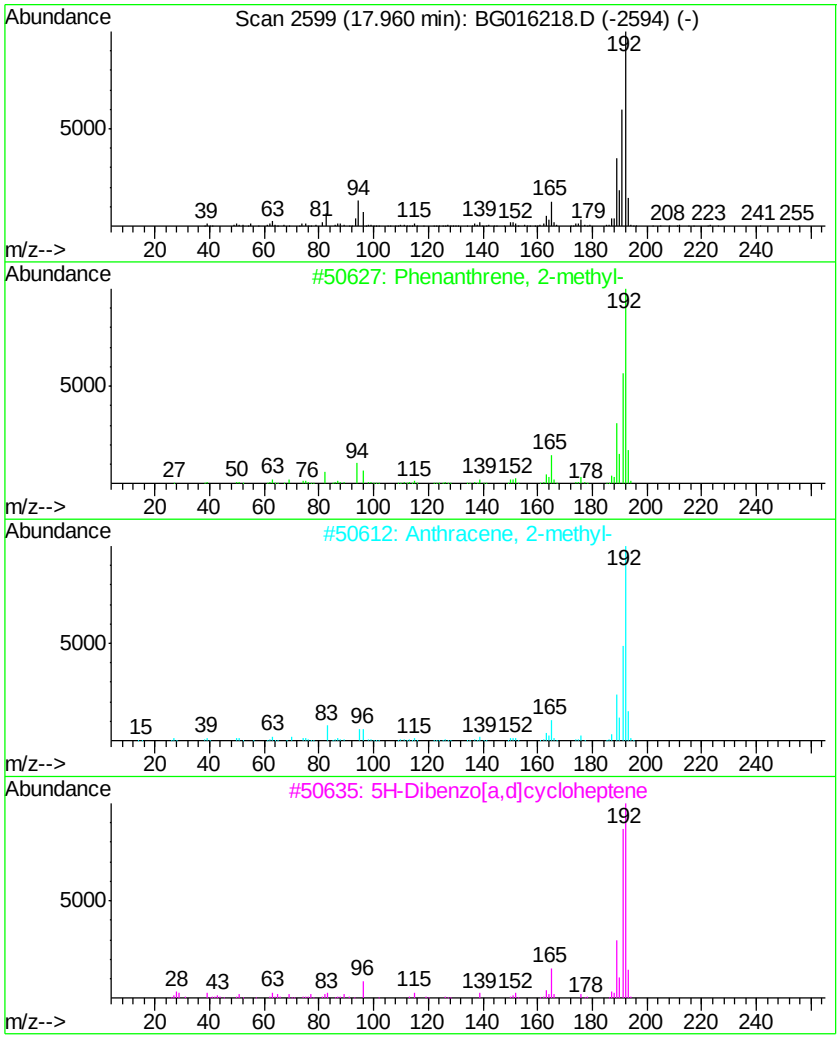
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

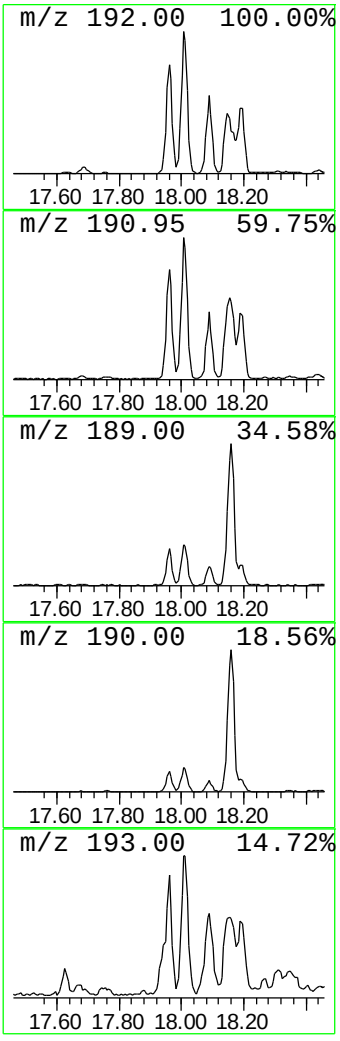
****

Peak Number 23 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	5.69 ng/ul	288644	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Data Path : Z:\HPCHEM1\BNA G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

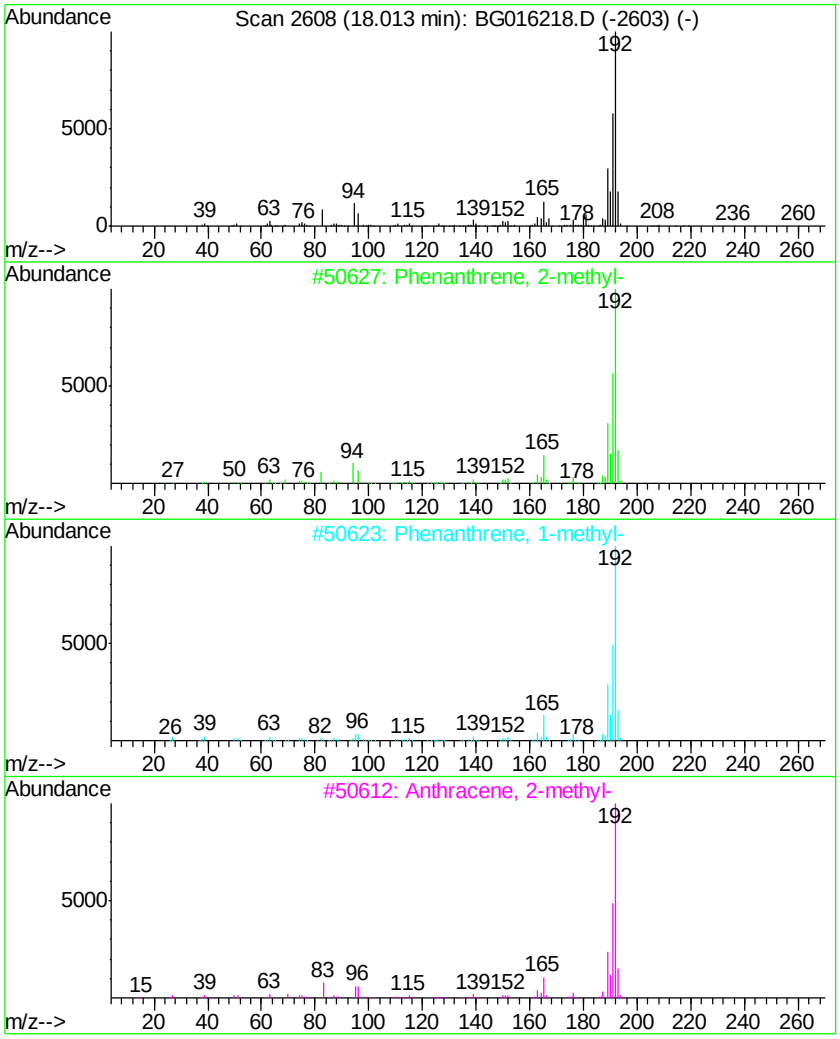
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

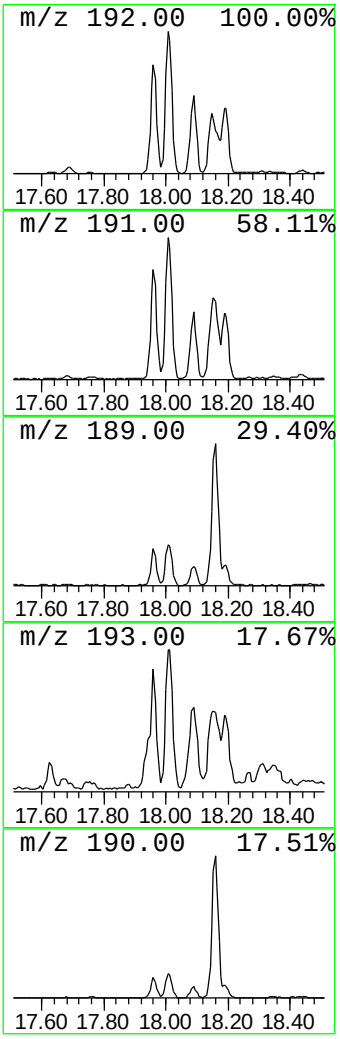
****

Peak Number 24 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	9.57 ng/ul	485358	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

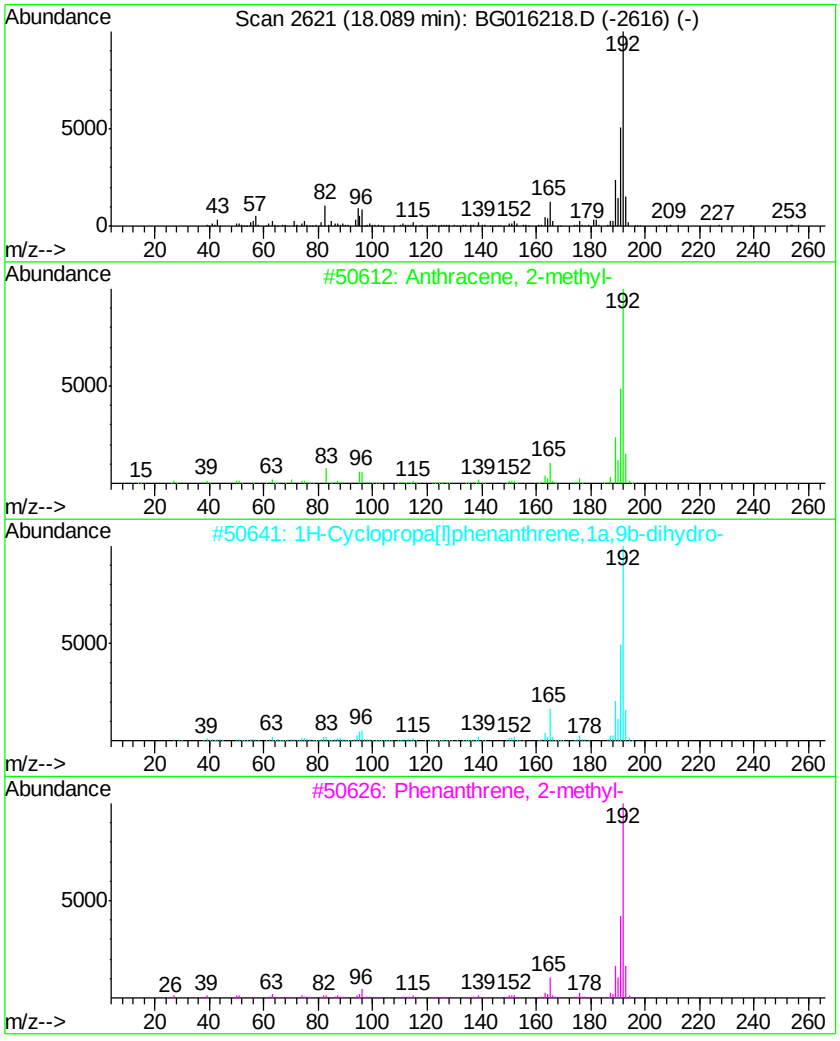
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

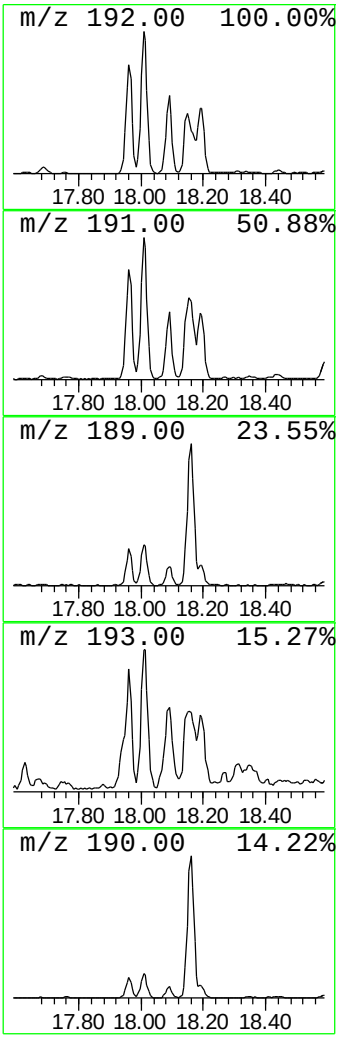
****

Peak Number 25 Anthracene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	4.36 ng/ul	220971	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Data Path : Z:\HPCHEM1\BNA G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

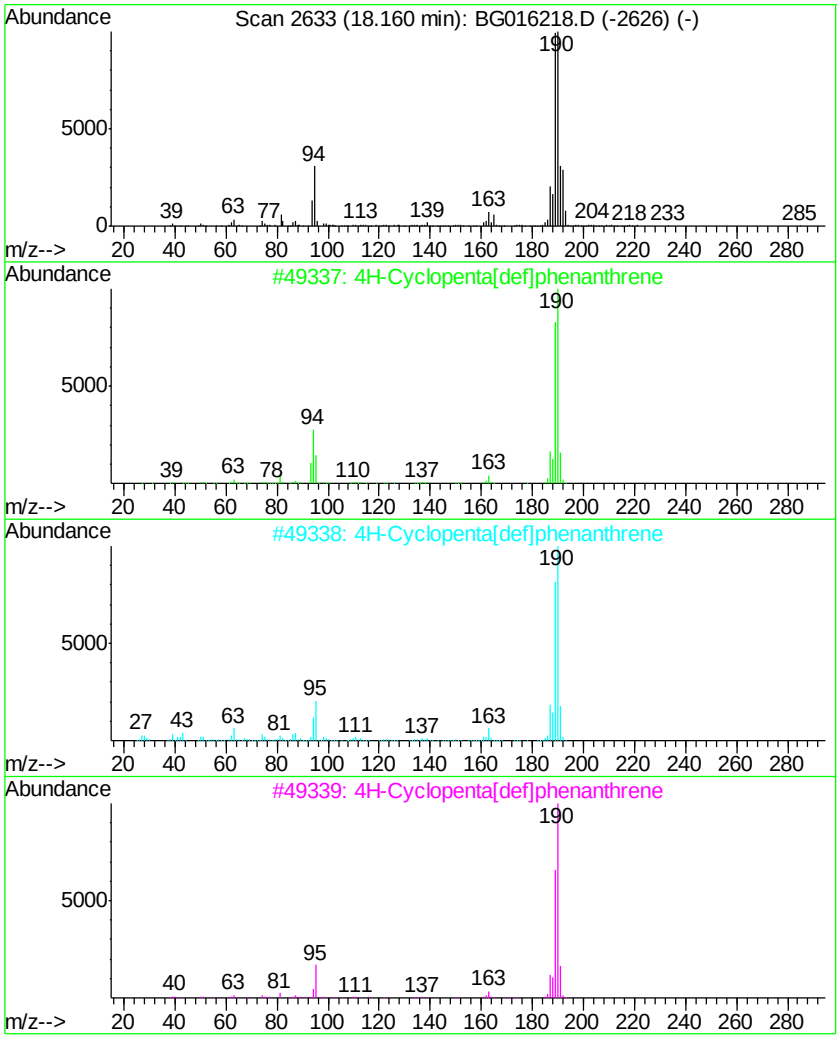
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

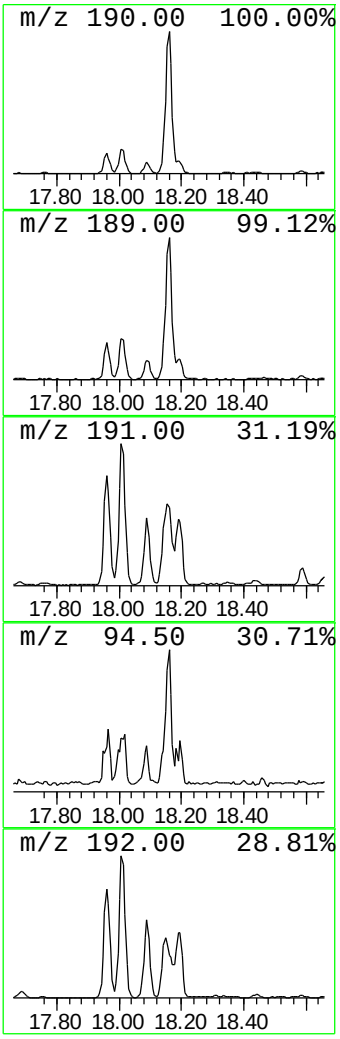
****

Peak Number 26 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	12.76 ng/ul	647312	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52





Data Path : Z:\HPCHEM1\BNA G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

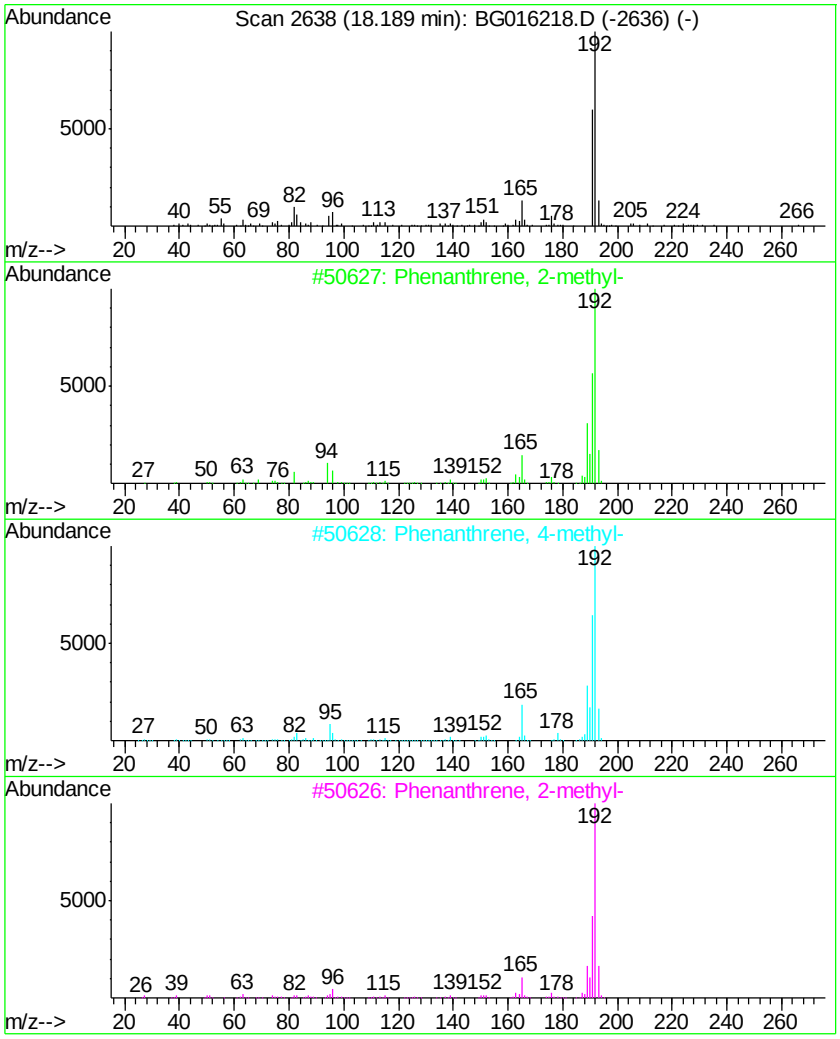
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

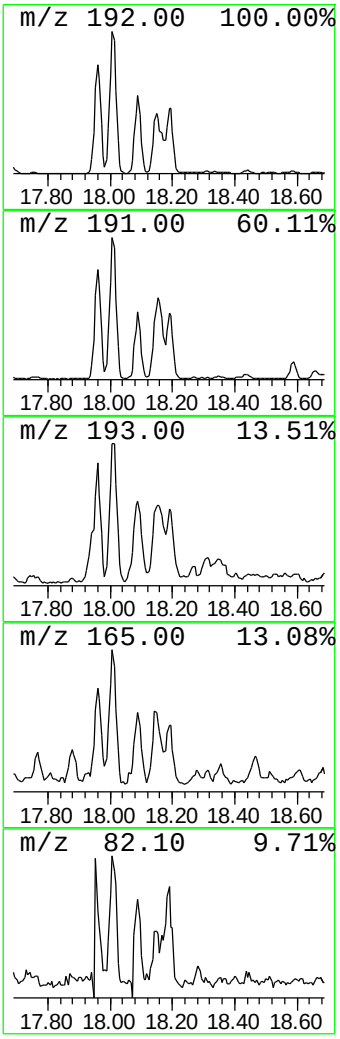
****

Peak Number 27 Phenanthrene, 4-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	3.70 ng/ul	187897	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





Data Path : Z:\HPCHEM1\BNA G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

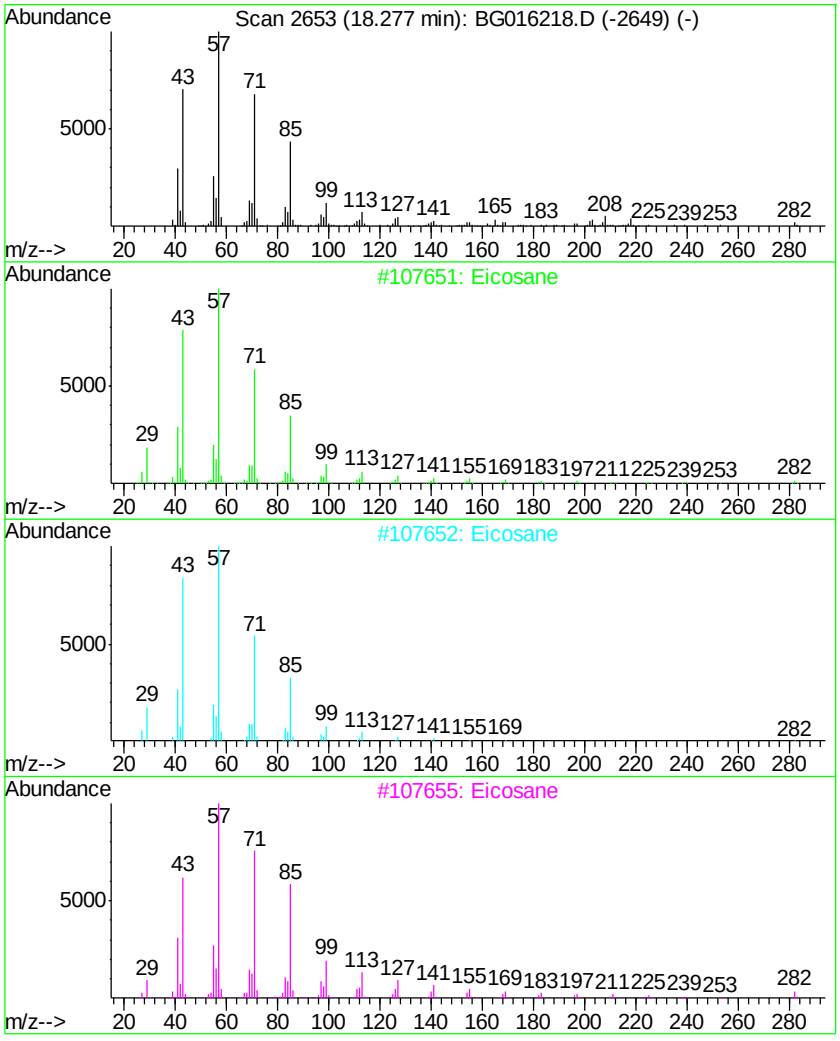
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

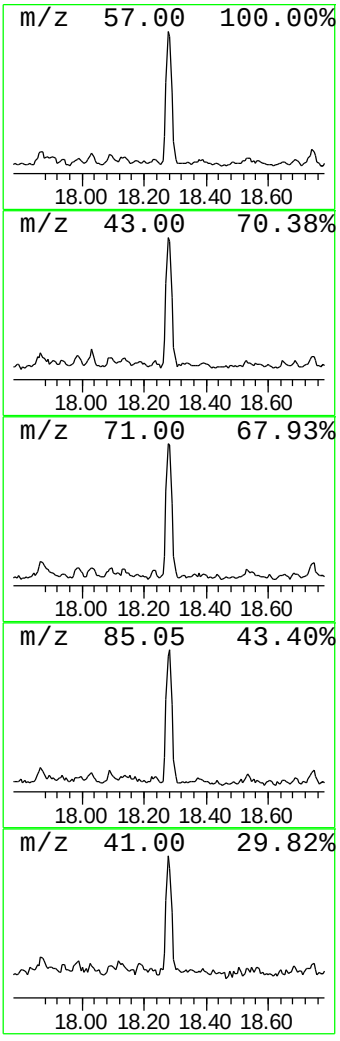
****

Peak Number 28 (DEL) Alkane: Straight-Chain Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	4.60 ng/ul	233262	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Eicosane	282	C20H42	000112-95-8	97
3	Eicosane	282	C20H42	000112-95-8	96
4	Octadecane	254	C18H38	000593-45-3	83
5	Tetradecane	198	C14H30	000629-59-4	83





Data Path : Z:\HPCHEM1\BNA G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

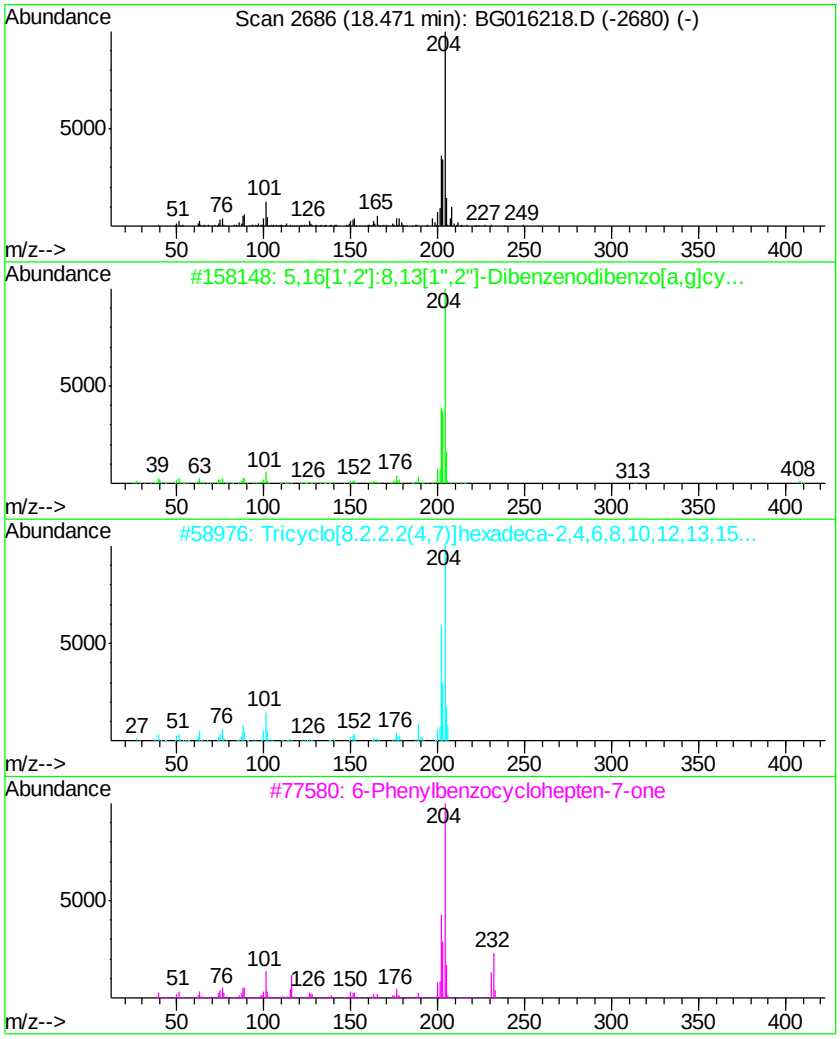
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

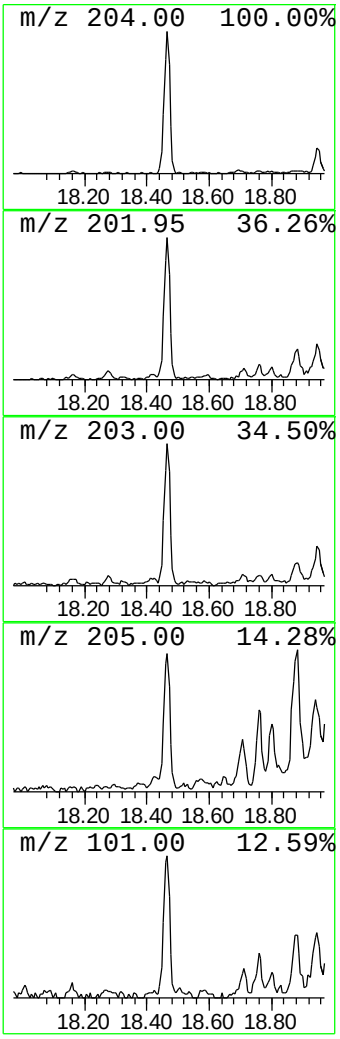
****

Peak Number 29 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	4.27 ng/ul	216741	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
4	2-Phenylnaphthalene	204	C16H12	035465-71-5	83
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





Data Path : Z:\HPCHEM1\BNA G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

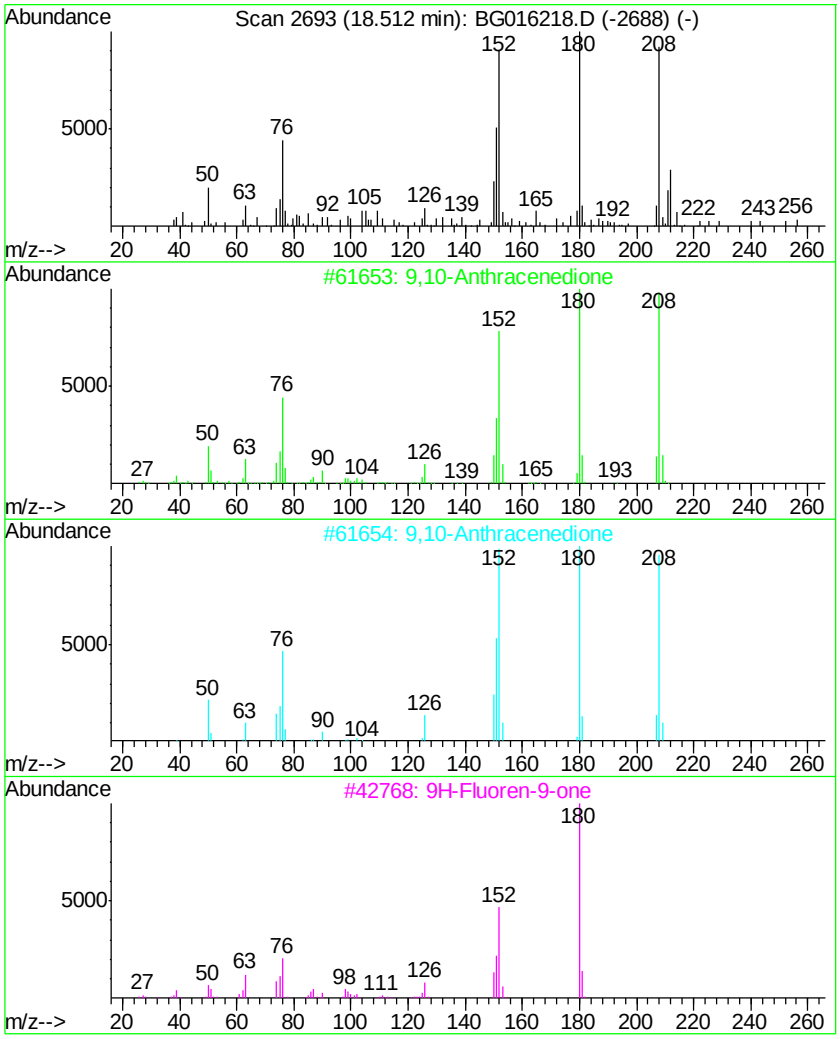
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

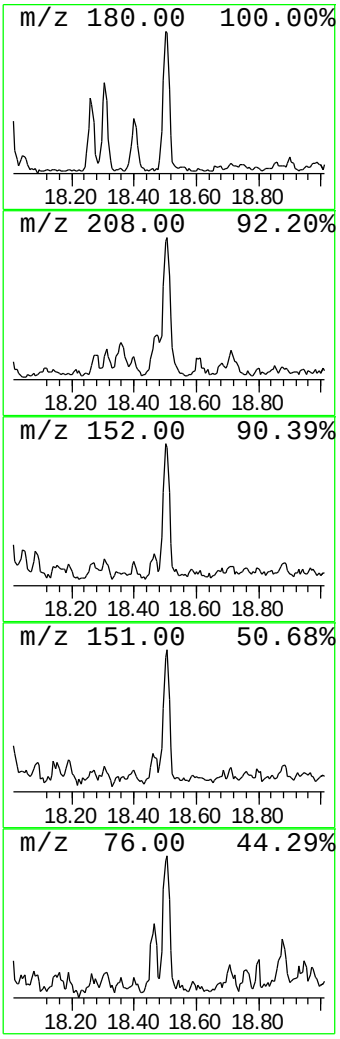
****

Peak Number 30 9,10-Anthracenedione Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	2.96 ng/ul	150266	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	55
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

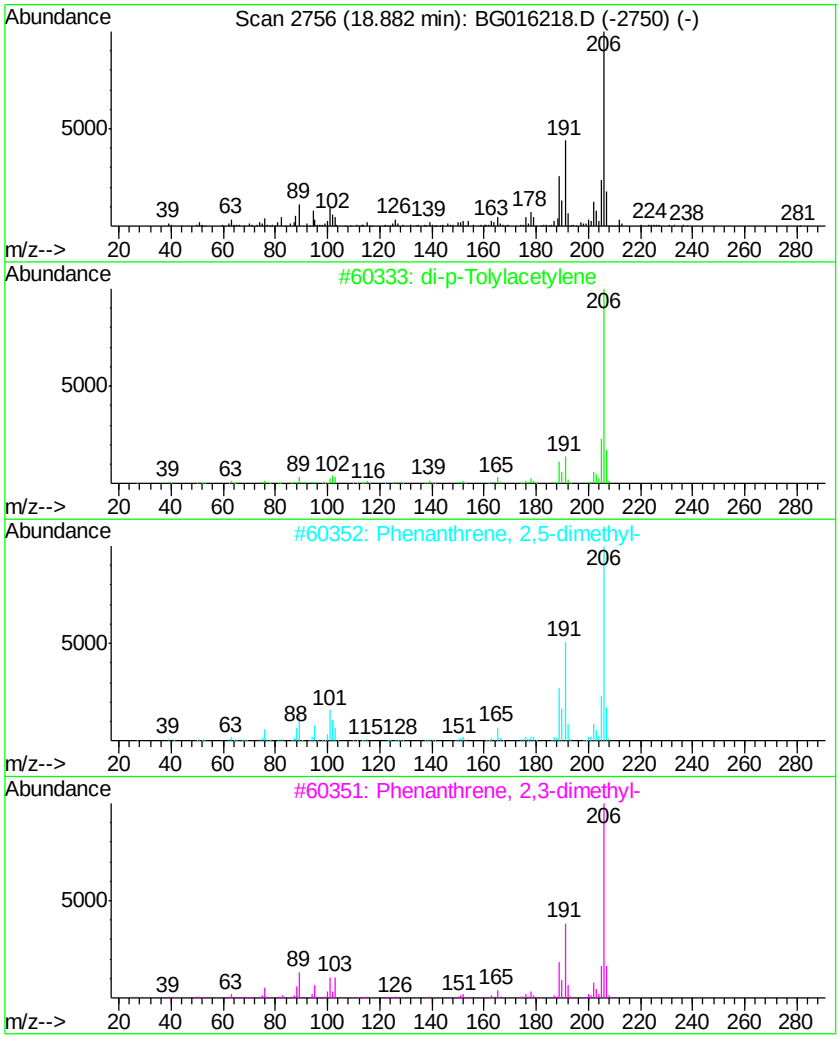
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

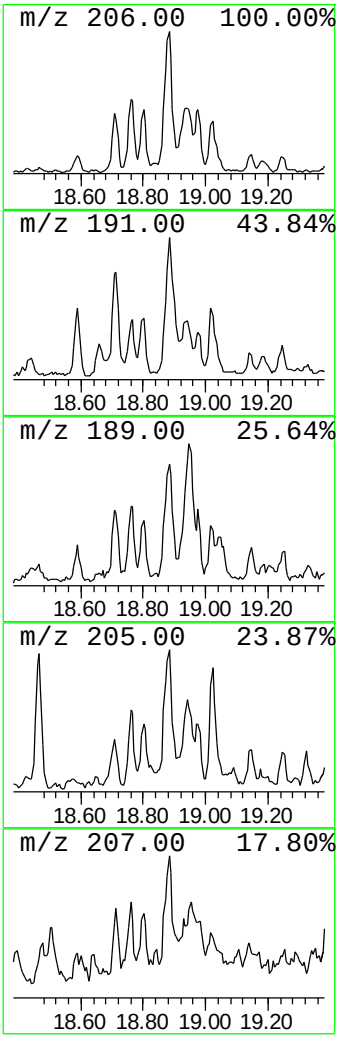
****

Peak Number 31 di-p-Tolylacetylene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	3.97 ng/ul	201215	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

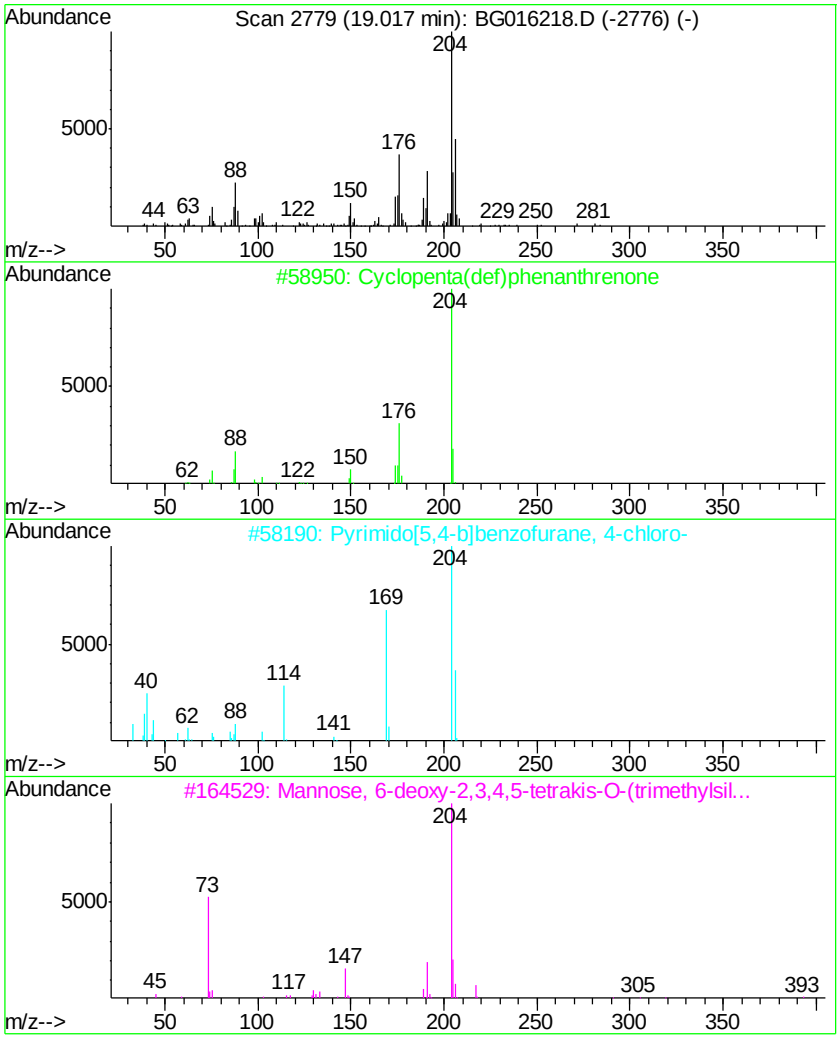
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

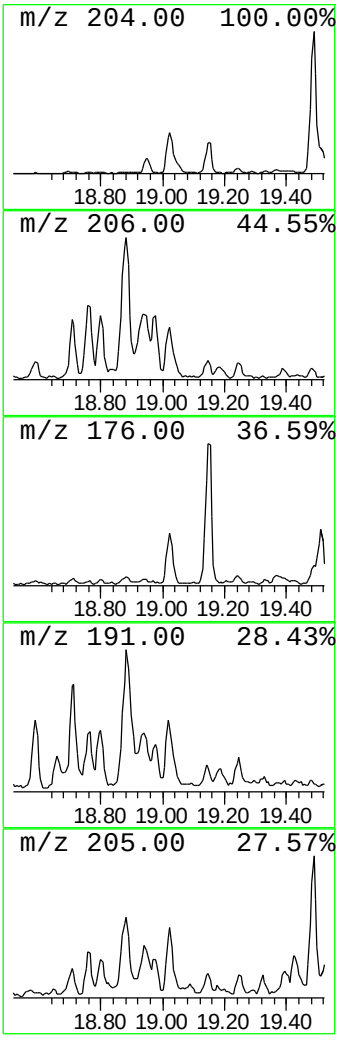
****

Peak Number 32 Cyclopenta(def)phenanthrenone Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	3.03 ng/ul	153613	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	Pyrimido[5,4-b]benzofurane, 4-ch...	204	C10H5ClN2O	039876-88-5	43
3	Mannose, 6-deoxy-2,3,4,5-tetraki...	452	C18H44O5Si4	019127-15-2	43
4	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	38
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\Data\BG040215\
Data File : BG016218.D
Acq On : 2 Apr 2015 10:03
Operator : TP/IZ
Sample : G1647-07 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.88	4.9	ng/ul	111146	1	7.70	456843	20.0
(DEL) Alkane: Str...	11.92	3.1	ng/ul	112656	2	10.49	726139	20.0
Naphthalene, 1-me...	12.38	5.0	ng/ul	183470	2	10.49	726139	20.0
Naphthalene, 1,6-...	13.50	2.6	ng/ul	134173	3	14.35	1046340	20.0
Naphthalene, 2,3-...	13.66	4.1	ng/ul	213447	3	14.35	1046340	20.0
(DEL) Alkane: Str...	14.25	8.6	ng/ul	449711	3	14.35	1046340	20.0
Naphthalene, 1,6,...	14.82	3.0	ng/ul	155065	3	14.35	1046340	20.0
unknown-01	14.87	3.1	ng/ul	160768	3	14.35	1046340	20.0
Hexadecane	15.20	10.1	ng/ul	526881	3	14.35	1046340	20.0
(DEL) Alkane: Str...	15.60	7.1	ng/ul	370843	3	14.35	1046340	20.0
Dibenzofuran, 4-m...	15.69	4.1	ng/ul	214329	3	14.35	1046340	20.0
Dibenzofuran, 4-m...	15.83	6.0	ng/ul	302607	4	17.08	1014730	20.0
(DEL) Alkane: Str...	16.06	15.3	ng/ul	774024	4	17.08	1014730	20.0
3-Methyl-4-(metho...	16.40	2.3	ng/ul	114065	4	17.08	1014730	20.0
9H-Fluoren-9-one	16.74	2.9	ng/ul	145389	4	17.08	1014730	20.0
(DEL) Alkane: Str...	16.85	11.0	ng/ul	557395	4	17.08	1014730	20.0
Dibenzothiophene	16.90	9.8	ng/ul	494991	4	17.08	1014730	20.0
Acridine	17.27	2.1	ng/ul	105897	4	17.08	1014730	20.0
(DEL) Alkane: Str...	17.59	8.6	ng/ul	437956	4	17.08	1014730	20.0
Dibenzothiophene,...	17.66	2.2	ng/ul	113615	4	17.08	1014730	20.0
Phenanthrene, 2-m...	17.96	5.7	ng/ul	288644	4	17.08	1014730	20.0
Phenanthrene, 1-m...	18.01	9.6	ng/ul	485358	4	17.08	1014730	20.0
Anthracene, 2-met...	18.09	4.4	ng/ul	220971	4	17.08	1014730	20.0
4H-Cyclopenta[def...	18.16	12.8	ng/ul	647312	4	17.08	1014730	20.0
Phenanthrene, 4-m...	18.19	3.7	ng/ul	187897	4	17.08	1014730	20.0
(DEL) Alkane: Str...	18.28	4.6	ng/ul	233262	4	17.08	1014730	20.0
5,16[1',2']:8,13[...	18.47	4.3	ng/ul	216741	4	17.08	1014730	20.0
9,10-Anthracenedione	18.51	3.0	ng/ul	150266	4	17.08	1014730	20.0
di-p-Tolylacetylene	18.88	4.0	ng/ul	201215	4	17.08	1014730	20.0
Cyclopenta(def)ph...	19.02	3.0	ng/ul	153613	4	17.08	1014730	20.0