LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
Data File : BG016537.D
Acq On : 19 Apr 2015 00:52
Operator : TP/IZ
Sample : G1880-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S2-2-24

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:\HPCHEM1\BNA_G\METHODS\8270-BG040615.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	2.748	5	10	20	rBV	162154	318083	9.23%	0.734%
2	2.831	20	24	29	rVV	114154	156332	4.54%	0.361%
3	2.878	29	32	40	rVB	26426	39379	1.14%	0.091%
4	4.776	349	355	363	rVB	178530	257674	7.48%	0.594%
5	5.251	429	436	444	rBV	1298798	1847884	53.63%	4.263%
6	6.850	700	708	719	rBV	1323618	2015361	58.49%	4.649%
7	7.196	760	767	778	rBV	1364709	2076844	60.28%	4.791%
8	7.654	838	845	853	rBV	265615	427836	12.42%	0.987%
9	7.978	893	900	908	rBV	981957	1529813	44.40%	3.529%
10	8.818	1035	1043	1058	rBV	744194	1230518	35.71%	2.839%
11	10.439	1312	1319	1326	rBV	380389	641503	18.62%	1.480%
12	12.919	1734	1741	1754	rBV	1836384	2685414	77.94%	6.195%
13	13.759	1879	1884	1892	rVB	58516	83096	2.41%	0.192%
14	14.023	1925	1929	1939	rBV	22524	41059	1.19%	0.095%
15	14.300	1966	1976	1983	rBV2	547354	840377	24.39%	1.939%
16	14.364	1983	1987	1994	rVB	40673	61359	1.78%	0.142%
17	14.699	2039	2044	2050	rVB	45779	63567	1.84%	0.147%
18	15.152	2118	2121	2127	rVB3	25722	34560	1.00%	0.080%
19	15.345	2149	2154	2165	rVB2	63884	111531	3.24%	0.257%
20	15.645	2199	2205	2212	rVB	34010	55402	1.61%	0.128%
21	15.792	2220	2230	2238	rBV	1102098	1625933	47.19%	3.751%
22	16.015	2264	2268	2276	rVB2	35305	67321	1.95%	0.155%
23	16.356	2315	2326	2330	rBV4	26832	62592	1.82%	0.144%
24	16.579	2356	2364	2368	rBV3	28644	53089	1.54%	0.122%
25	16.697	2380	2384	2391	rVB	49160	74467	2.16%	0.172%
26	16.773	2391	2397	2399	rVV	31168	46413	1.35%	0.107%
27	16.803	2399	2402	2405	rVV2	35087	50889	1.48%	0.117%
28	16.861	2408	2412	2422	rVB	66304	104121	3.02%	0.240%
29	17.043	2437	2443	2446	rBV	694387	987600	28.66%	2.278%
30	17.085	2446	2450	2456	rVV	1128137	1505990	43.71%	3.474%
31	17.173	2456	2465	2471	rVV	235923	371149	10.77%	0.856%
32	17.231	2471	2475	2480	rVB3	20664	35207	1.02%	0.081%
33	17.425	2502	2508	2509	rBV2	44599	57398	1.67%	0.132%
34	17.449	2509	2512	2524	rVV2	67217	144368	4.19%	0.333%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
Data File : BG016537.D
Acq On : 19 Apr 2015 00:52
Operator : TP/IZ
Sample : G1880-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S2-2-24

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:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.561	2524	2531	2537	rVV3	36948	80693	2.34%	0.186%
36	17.619	2537	2541	2550	rVB5	29565	55857	1.62%	0.129%
37	17.913	2583	2591	2595	rBV	143522	217435	6.31%	0.502%
38	17.966	2595	2600	2605	rVV	218040	331546	9.62%	0.765%
39	18.042	2609	2613	2618	rVB	73296	101848	2.96%	0.235%
40	18.107	2618	2624	2628	rBV2	185805	345006	10.01%	0.796%
41	18.148	2628	2631	2636	rVB	112424	148981	4.32%	0.344%
42	18.230	2640	2645	2648	rBV3	37038	49580	1.44%	0.114%
43	18.418	2673	2677	2681	rBV	125537	158435	4.60%	0.365%
44	18.459	2681	2684	2691	rVB	89045	127261	3.69%	0.294%
45	18.665	2716	2719	2723	rBV3	41527	49811	1.45%	0.115%
46	18.718	2724	2728	2731	rVV	37521	49146	1.43%	0.113%
47	18.759	2731	2735	2738	rVB	35241	46196	1.34%	0.107%
48	18.841	2743	2749	2752	rBV2	81079	145457	4.22%	0.336%
49	18.900	2756	2759	2762	rVV3	46578	75529	2.19%	0.174%
50	18.930	2762	2764	2768	rVB	41286	43814	1.27%	0.101%
51	18.982	2768	2773	2780	rBV	116858	195601	5.68%	0.451%
52	19.106	2788	2794	2800	rBV	1829752	2452345	71.17%	5.657%
53	19.200	2807	2810	2815	rVV	49442	71342	2.07%	0.165%
54	19.253	2815	2819	2822	rVV	46130	68047	1.97%	0.157%
55	19.300	2823	2827	2830	rVV3	35683	64274	1.87%	0.148%
56	19.347	2832	2835	2845	rVB	71728	136005	3.95%	0.314%
57	19.464	2851	2855	2864	rVB	1556451	2193211	63.65%	5.060%
58	19.535	2864	2867	2875	rVB2	79912	124712	3.62%	0.288%
59	19.676	2881	2891	2895	rBV	2459302	3445517	100.00%	7.949%
60	19.705	2895	2896	2901	rVB	87847	90934	2.64%	0.210%
61	19.787	2905	2910	2912	rBV2	104165	178957	5.19%	0.413%
62	19.928	2929	2934	2936	rBV4	81192	140616	4.08%	0.324%
63	19.964	2936	2940	2946	rVB2	135561	238637	6.93%	0.551%
64	20.063	2953	2957	2960	rBV2	66555	89233	2.59%	0.206%
65	20.116	2960	2966	2971	rVV2	155410	259315	7.53%	0.598%
66	20.157	2971	2973	2977	rVB2	34525	36600	1.06%	0.084%
67	20.199	2977	2980	2985	rVB4	27554	36813	1.07%	0.085%
68	20.257	2986	2990	2994	rBV	83929	110703	3.21%	0.255%
69	20.304	2994	2998	3002	rVB	81808	108671	3.15%	0.251%
70	20.475	3024	3027	3030	rVB	40573	39934	1.16%	0.092%
71	20.704	3063	3066	3072	rBV	173971	219262	6.36%	0.506%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
Data File : BG016537.D
Acq On : 19 Apr 2015 00:52
Operator : TP/IZ
Sample : G1880-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S2-2-24

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:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	20.868	3088	3094	3098	rBV2	133133	241443	7.01%	0.557%
73	20.910	3098	3101	3103	rVV	160266	205587	5.97%	0.474%
74	20.933	3103	3105	3113	rVV3	256009	512449	14.87%	1.182%
75	21.004	3113	3117	3124	rVB2	162307	241083	7.00%	0.556%
76	21.092	3128	3132	3133	rBV4	33634	45419	1.32%	0.105%
77	21.221	3147	3154	3158	rBV3	1112251	2330271	67.63%	5.376%
78	21.262	3158	3161	3171	rVB	822801	1033677	30.00%	2.385%
79	21.374	3177	3180	3186	rBV2	91864	113289	3.29%	0.261%
80	21.427	3186	3189	3193	rBV3	54273	81110	2.35%	0.187%
81	21.538	3203	3208	3212	rVB3	95789	158502	4.60%	0.366%
82	21.579	3212	3215	3218	rBV3	44316	54199	1.57%	0.125%
83	21.767	3243	3247	3250	rVV	131051	182001	5.28%	0.420%
84	21.814	3253	3255	3261	rVB	83849	113783	3.30%	0.262%
85	21.961	3277	3280	3283	rBV2	48892	63185	1.83%	0.146%
86	22.784	3413	3420	3425	rBV	591651	1399274	40.61%	3.228%
87	22.954	3444	3449	3459	rVB	115730	197041	5.72%	0.455%
88	23.089	3468	3472	3479	rBV4	33263	75114	2.18%	0.173%
89	23.260	3495	3501	3510	rVB2	363071	666918	19.36%	1.539%
90	23.354	3511	3517	3525	rVB	541696	975961	28.33%	2.251%
91	23.454	3527	3534	3539	rVV2	548182	1046482	30.37%	2.414%
92	23.501	3539	3542	3549	rVB2	166934	296513	8.61%	0.684%
93	25.716	3910	3919	3929	rVB3	251919	736389	21.37%	1.699%
94	26.409	4029	4037	4049	rVB	189644	546745	15.87%	1.261%

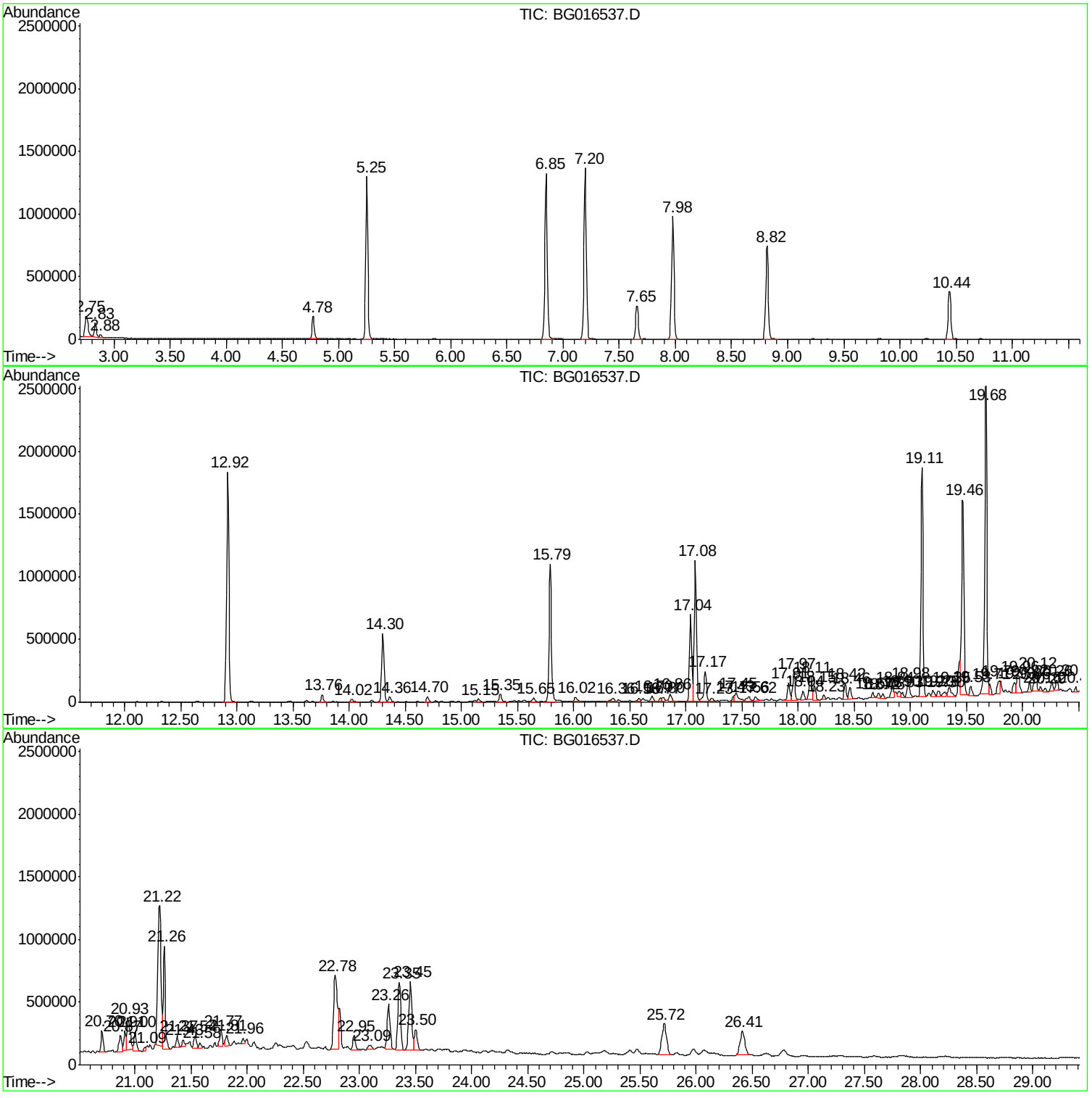
Sum of corrected areas: 43347888

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
Data File : BG016537.D
Acq On : 19 Apr 2015 00:52
Operator : TP/IZ
Sample : G1880-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S2-2-24

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
Data File : BG016537.D
Acq On : 19 Apr 2015 00:52
Operator : TP/IZ
Sample : G1880-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S2-2-24

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

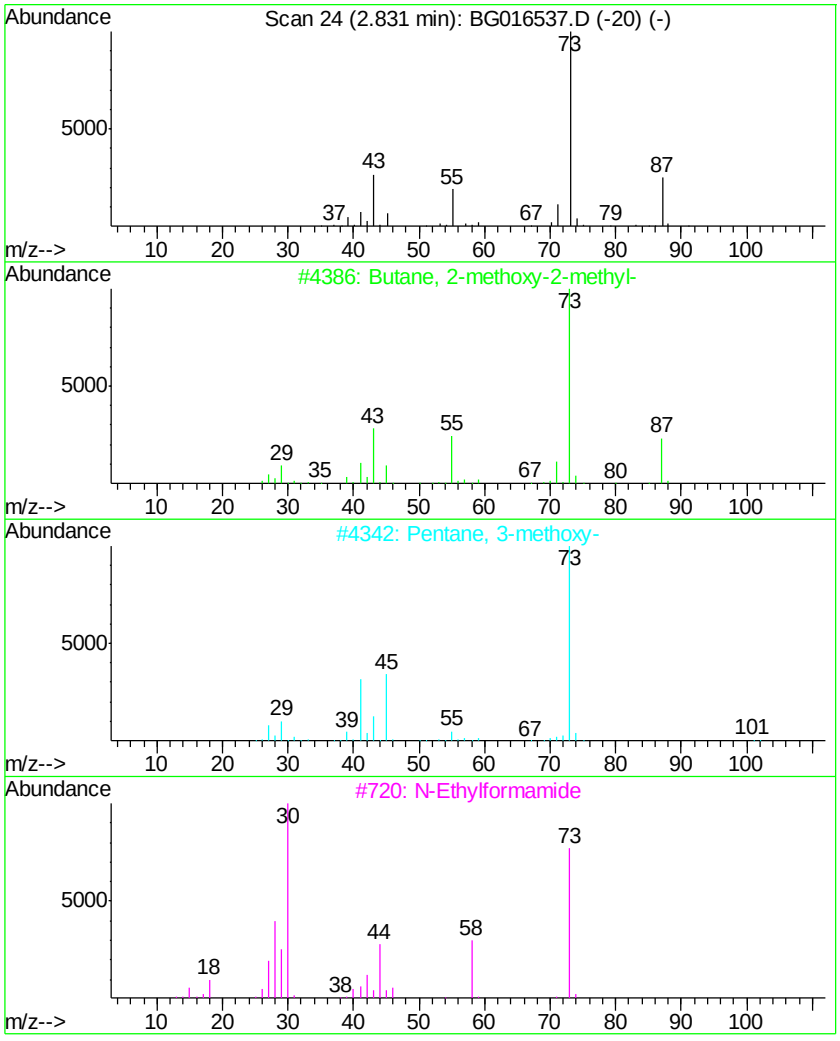
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

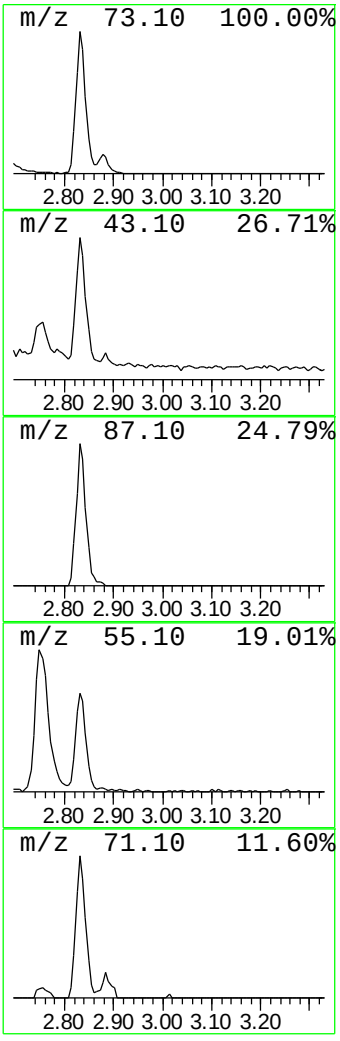
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.83	7.31 ng	156332	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
Data File : BG016537.D
Acq On : 19 Apr 2015 00:52
Operator : TP/IZ
Sample : G1880-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S2-2-24

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

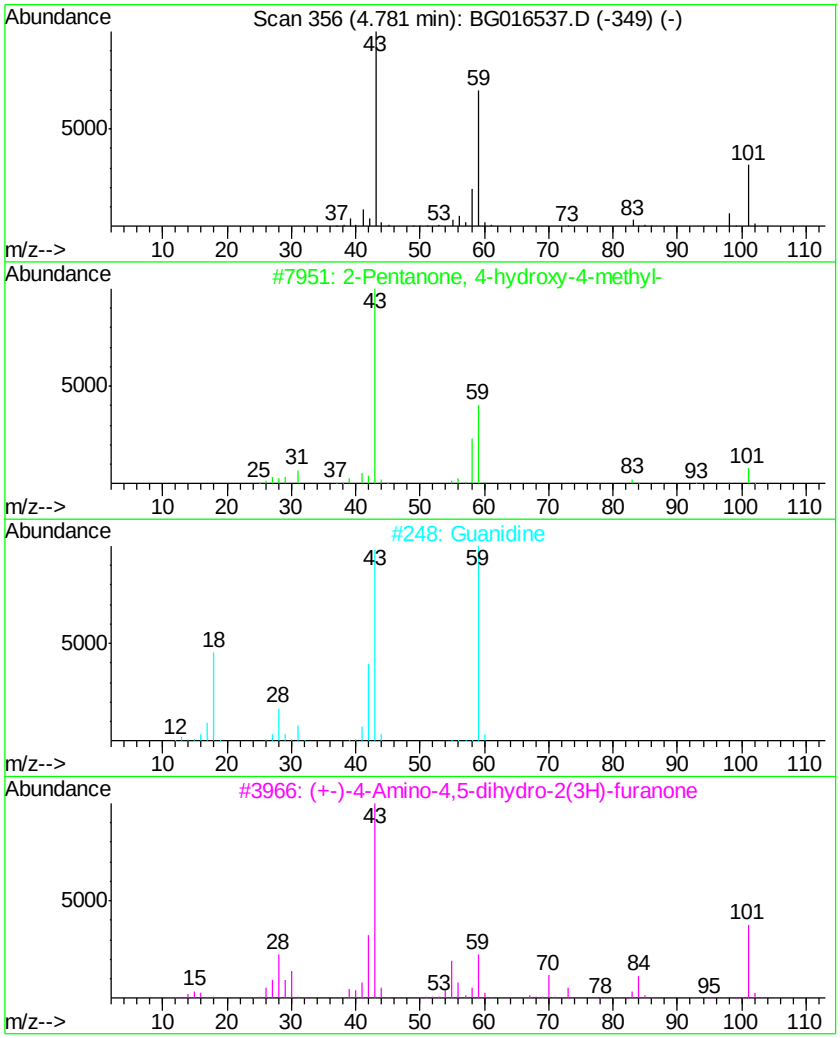
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

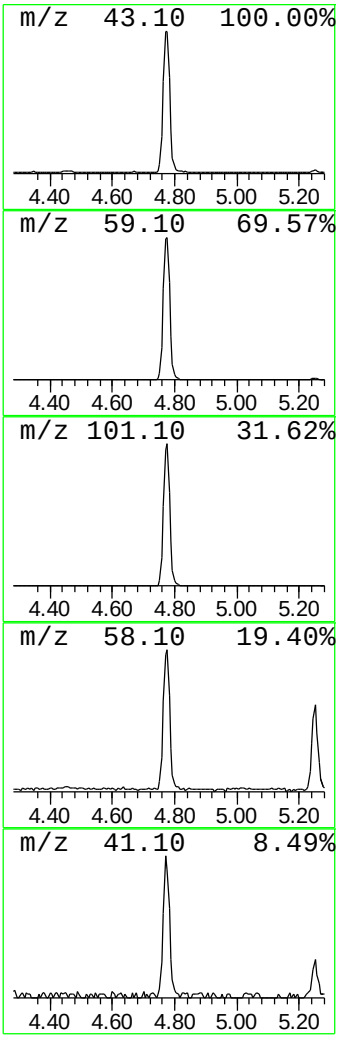
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	12.05 ng	257674	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Guanidine	59	CH5N3	000113-00-8	38
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	38
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Acetone	58	C3H6O	000067-64-1	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
Data File : BG016537.D
Acq On : 19 Apr 2015 00:52
Operator : TP/IZ
Sample : G1880-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S2-2-24

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

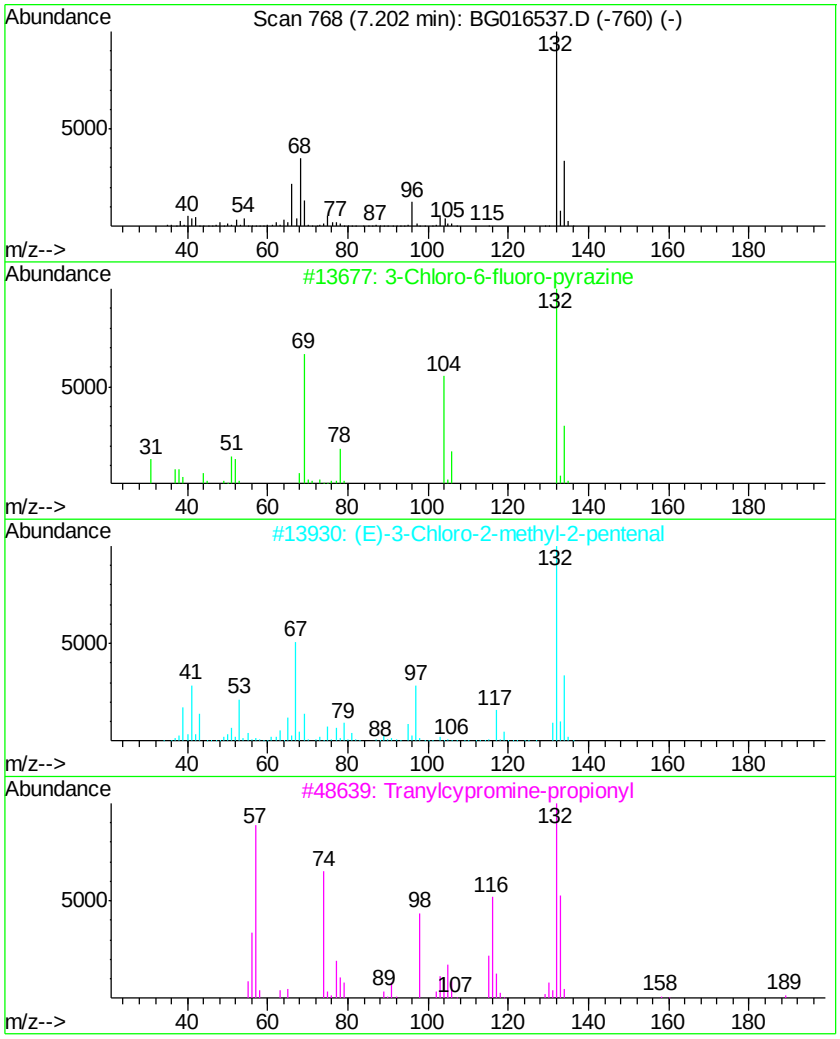
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

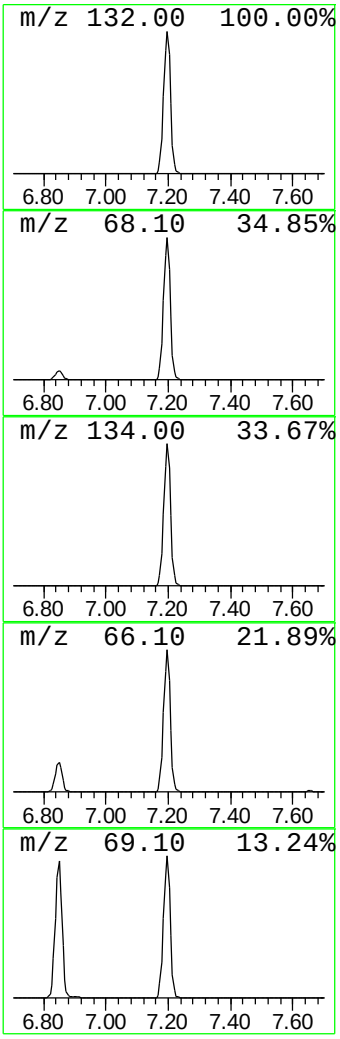
****

Peak Number 4 unknown7.20 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	97.09 ng	2076840	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
Data File : BG016537.D
Acq On : 19 Apr 2015 00:52
Operator : TP/IZ
Sample : G1880-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S2-2-24

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

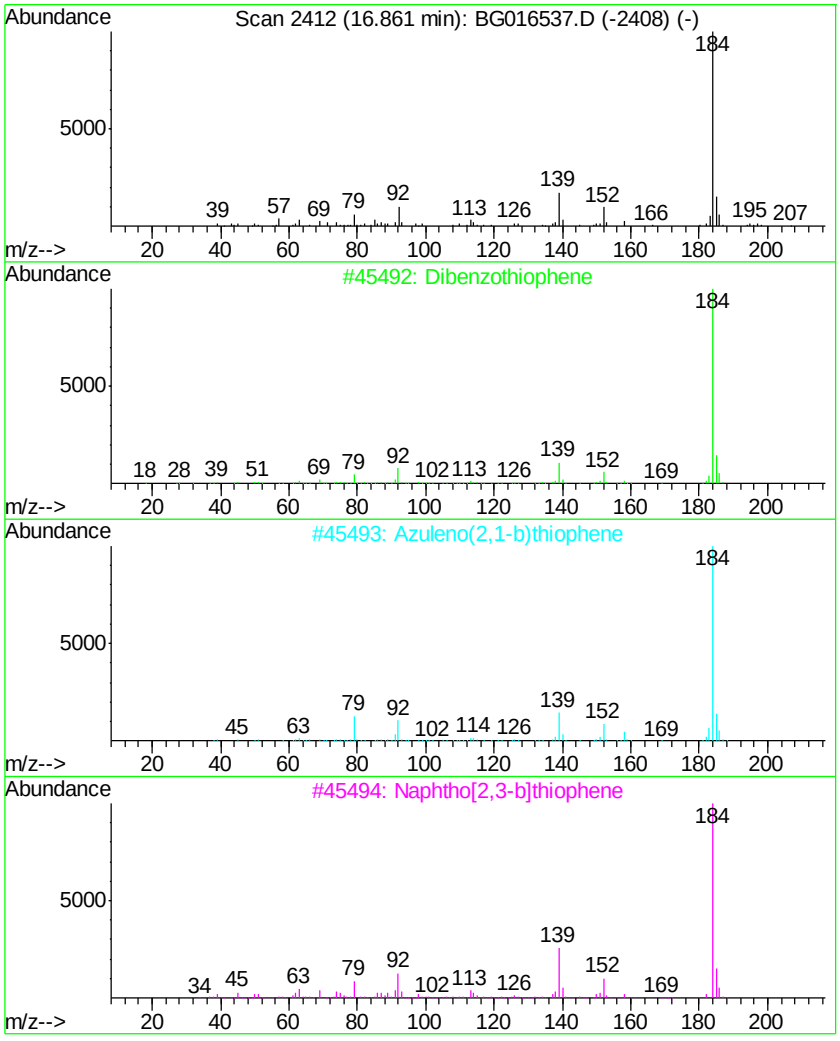
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

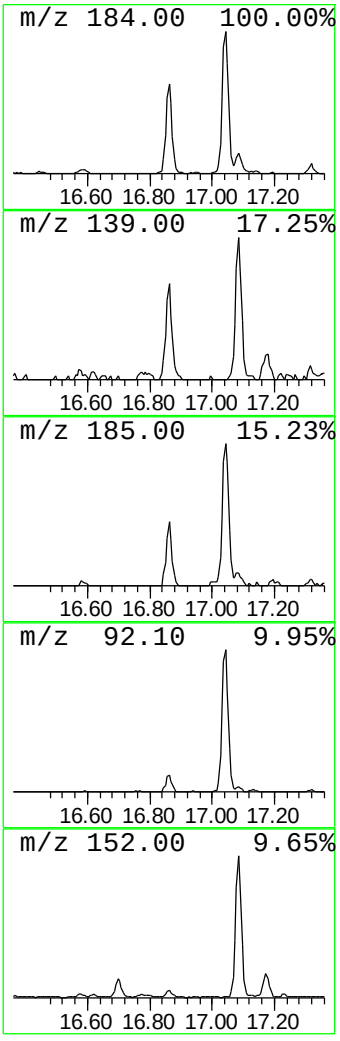
****

Peak Number 6 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	2.11 ng	104121	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	81
4	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	64
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
Data File : BG016537.D
Acq On : 19 Apr 2015 00:52
Operator : TP/IZ
Sample : G1880-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S2-2-24

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

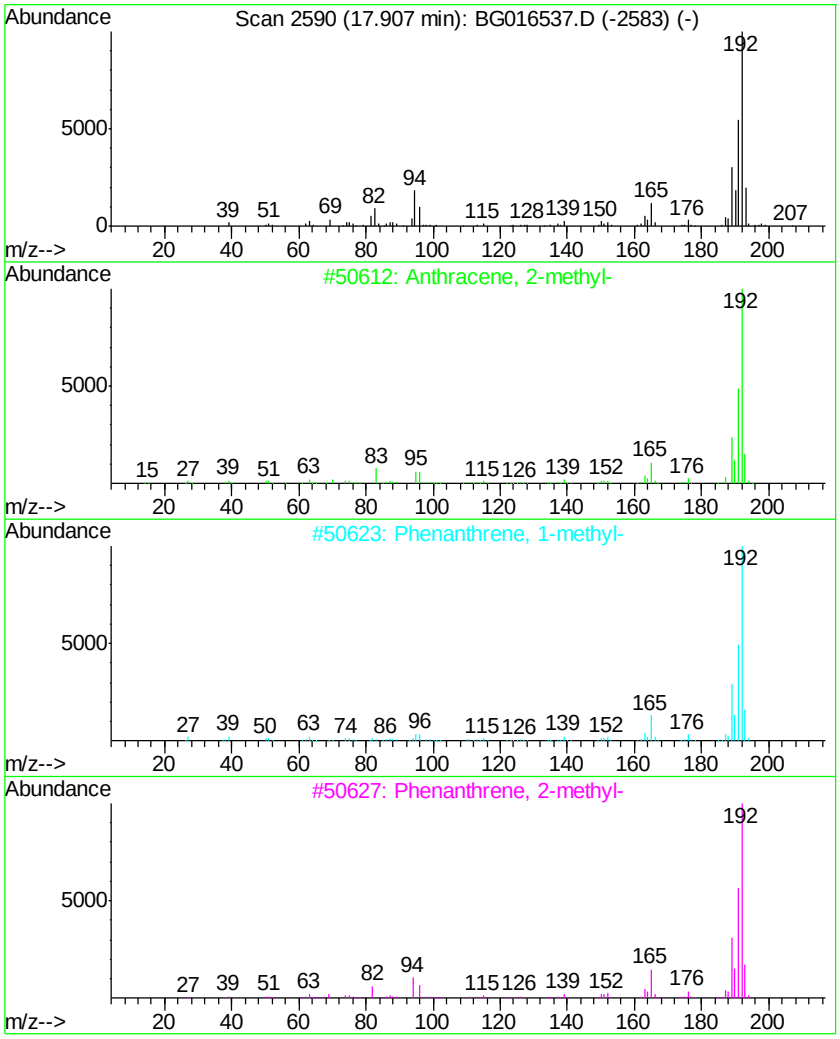
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

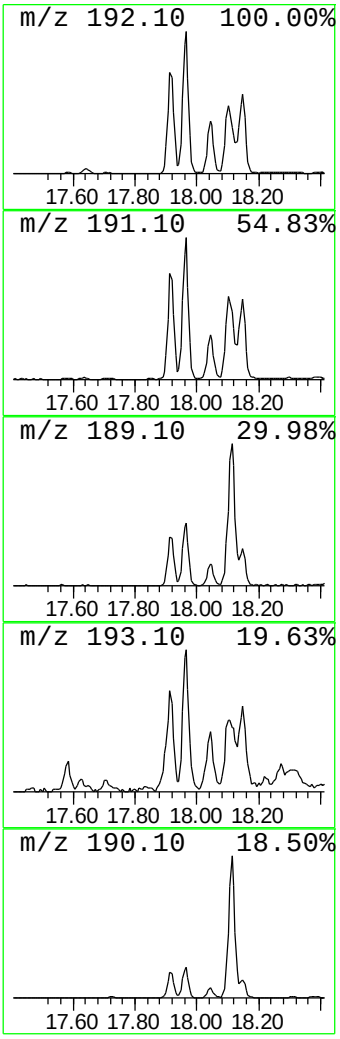
****

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	4.40 ng	217435	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
Data File : BG016537.D
Acq On : 19 Apr 2015 00:52
Operator : TP/IZ
Sample : G1880-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S2-2-24

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

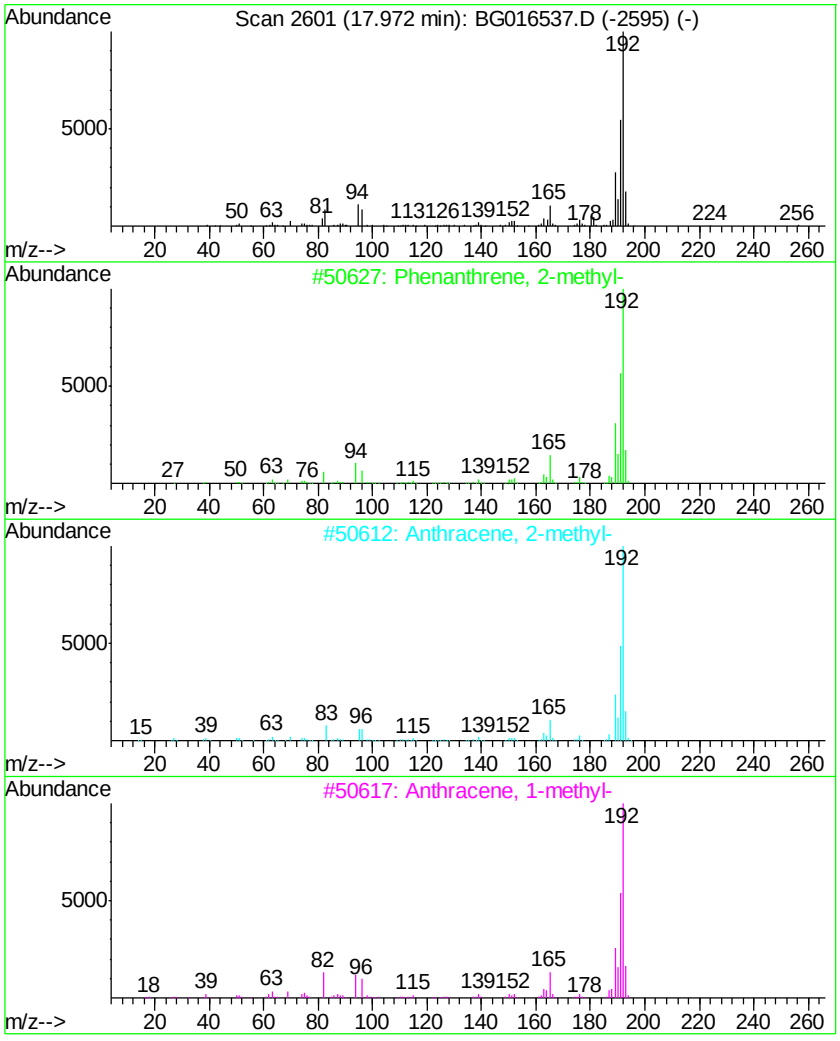
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

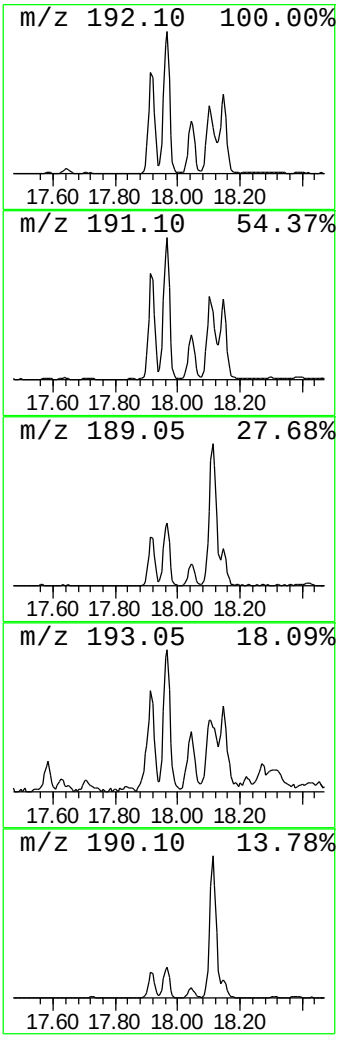
****

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	6.71 ng	331546	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
Data File : BG016537.D
Acq On : 19 Apr 2015 00:52
Operator : TP/IZ
Sample : G1880-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S2-2-24

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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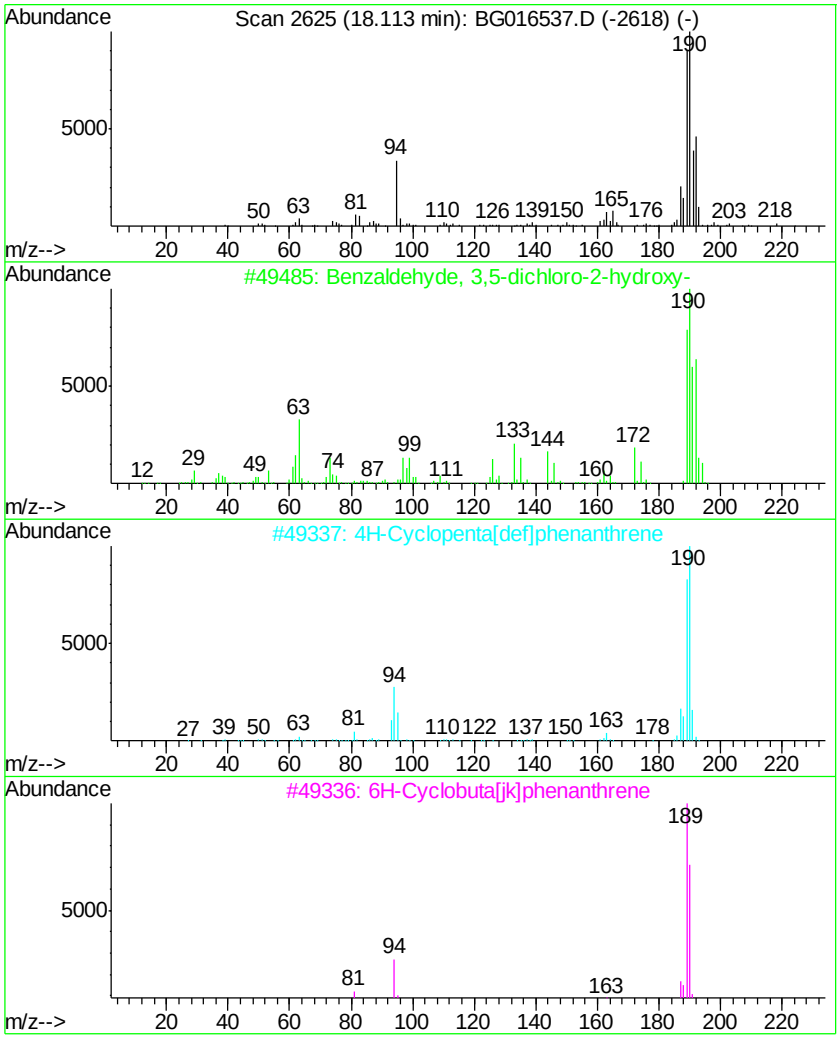
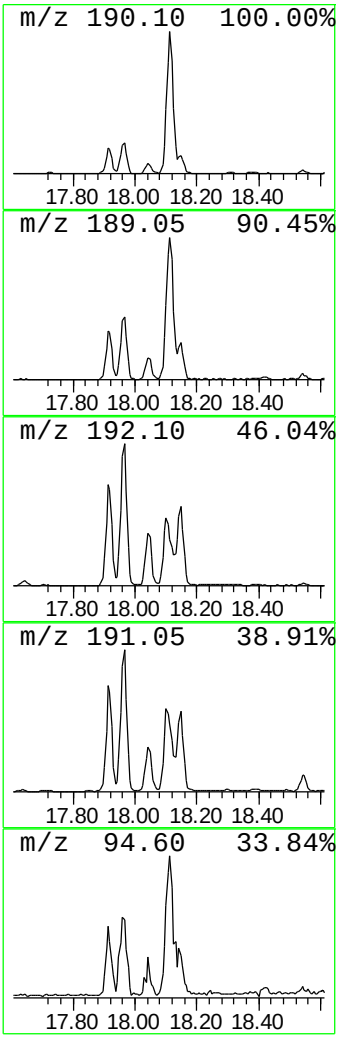
Peak Number 10 Benzaldehyde, 3,5-dichloro-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	6.99 ng	345006	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42





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Sample : G1880-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

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ClientSampleId : S2-2-24

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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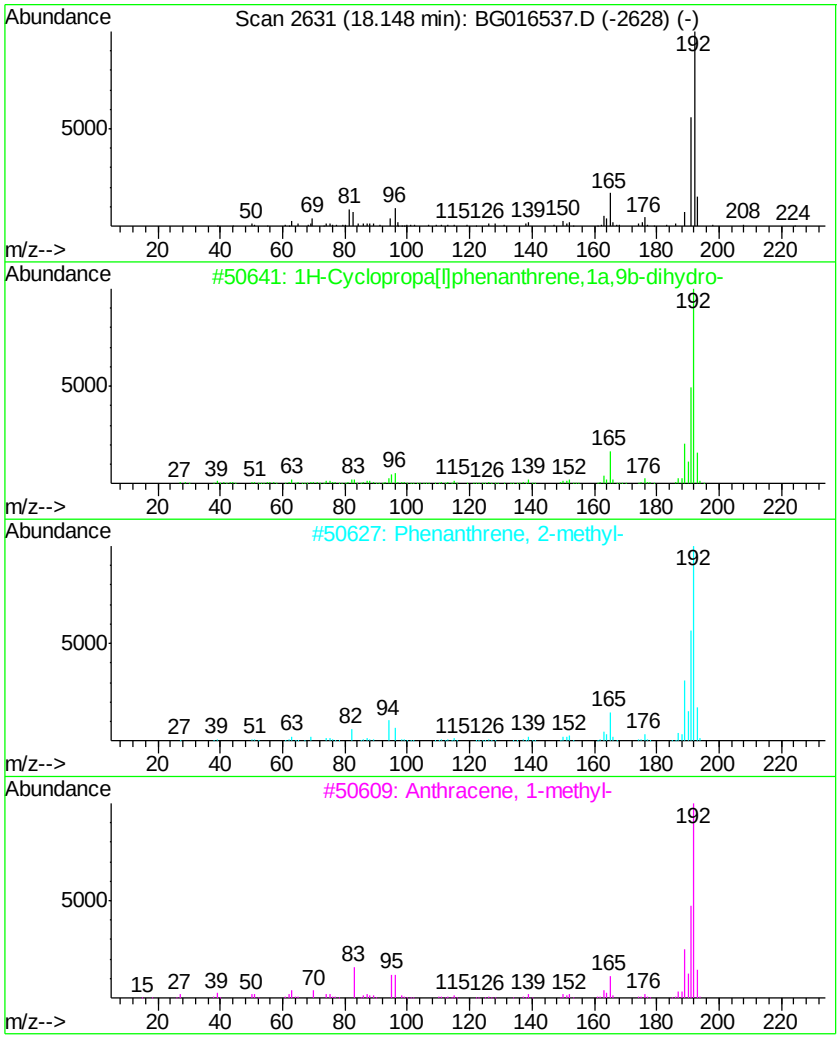
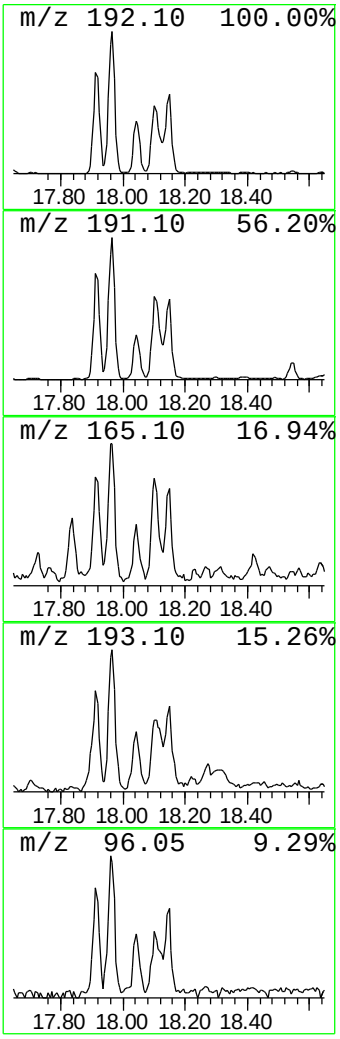
Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	3.02 ng	148981	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91





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Sample : G1880-04
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ClientSampleId : S2-2-24

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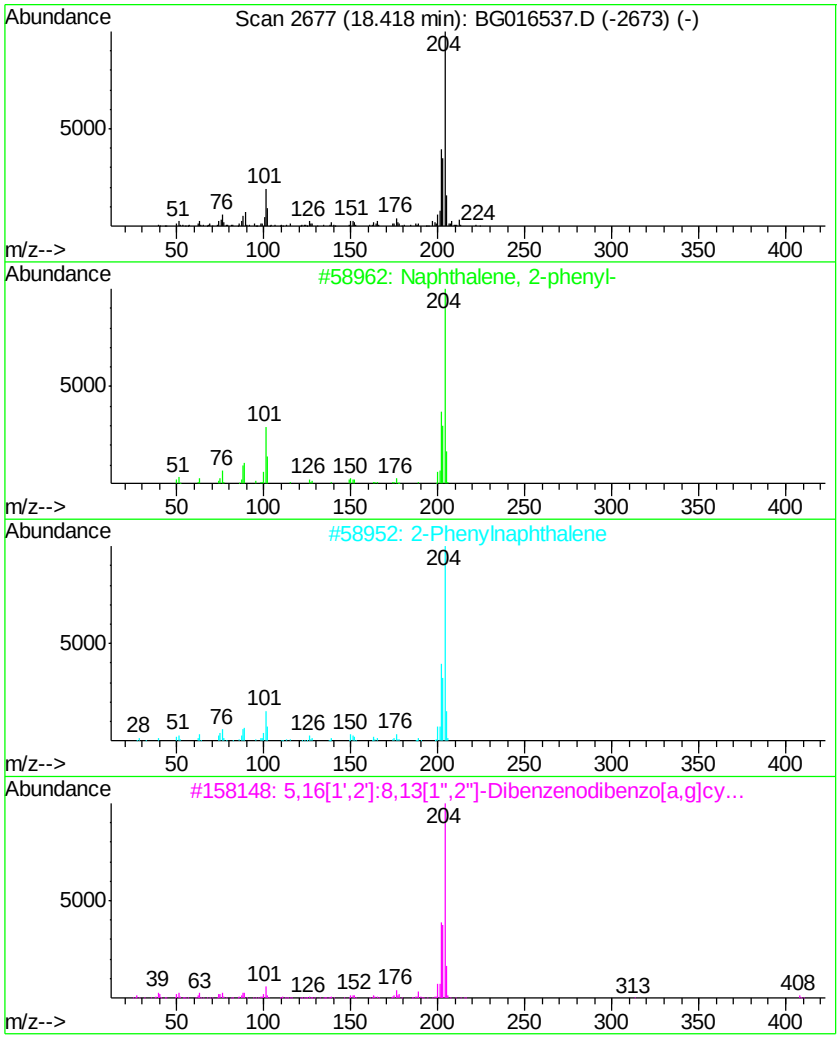
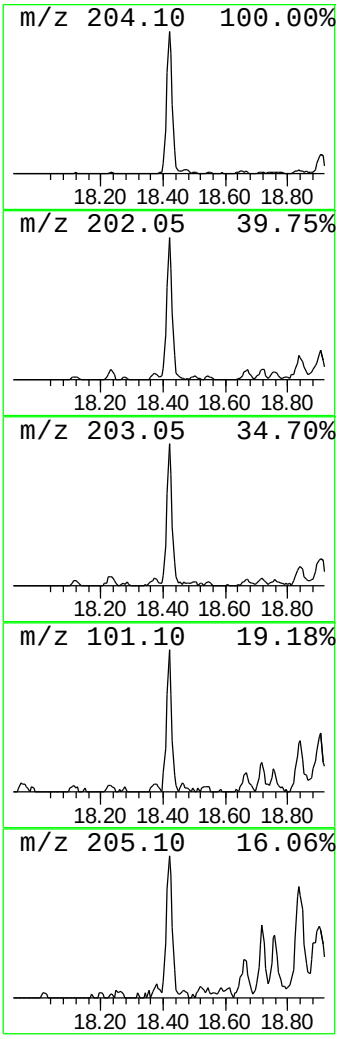
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	3.21 ng	158435	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	89
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68





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Sample : G1880-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S2-2-24

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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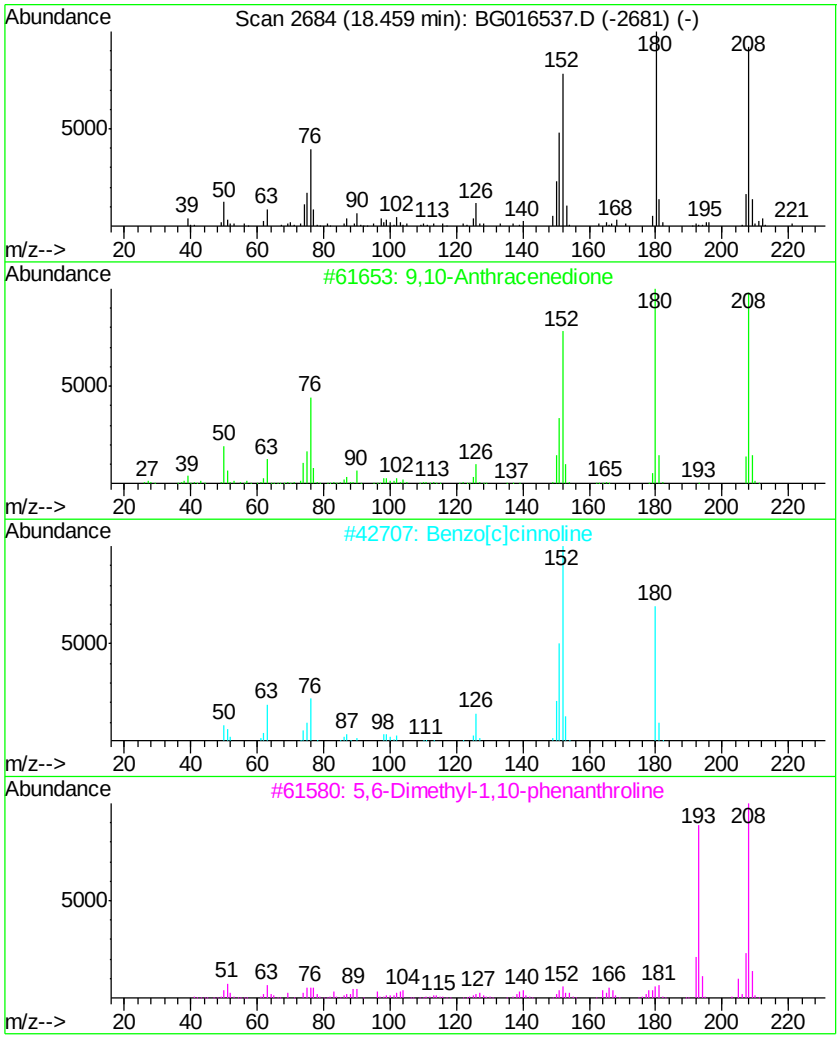
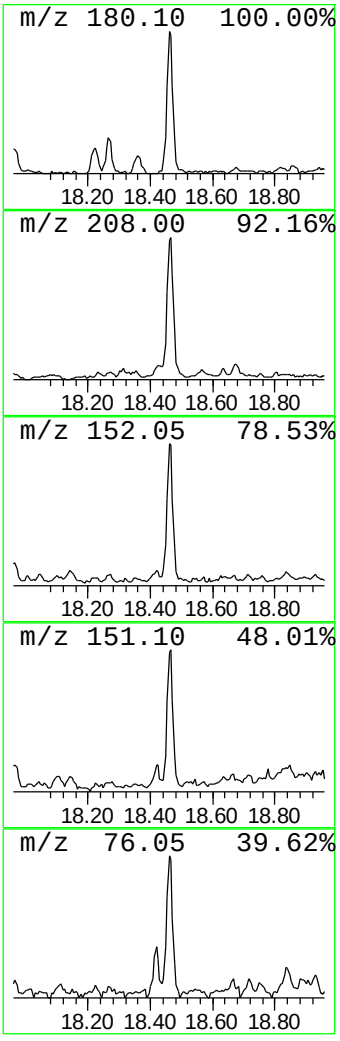
Peak Number 13 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	2.58 ng	127261	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
3	5,6-Dimethyl-1,10-phenanthroline	208	C14H12N2	003002-81-1	60
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	49





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Operator : TP/IZ
Sample : G1880-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S2-2-24

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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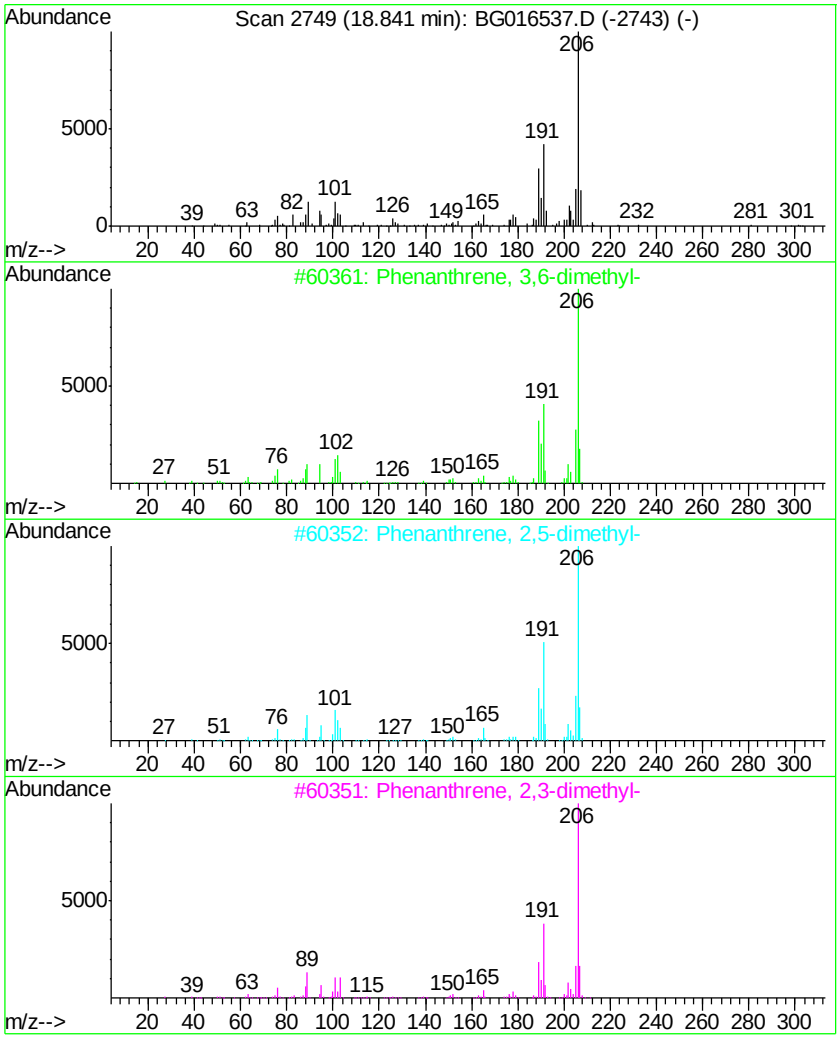
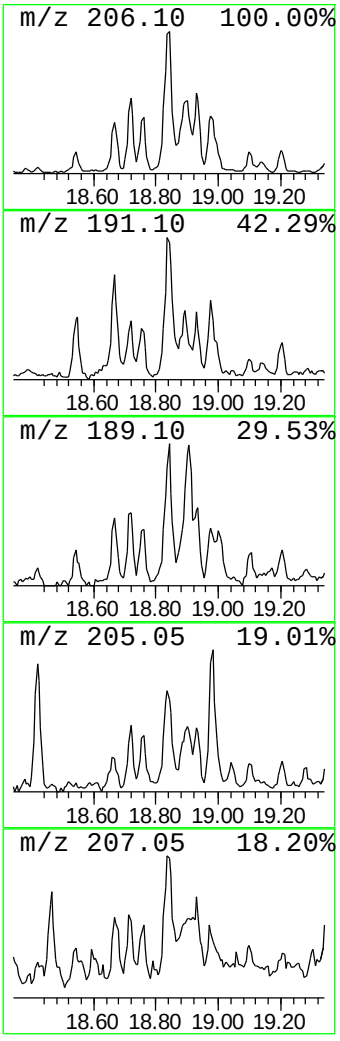
Peak Number 14 Phenanthrene, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	2.95 ng	145457	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93





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Acq On : 19 Apr 2015 00:52
Operator : TP/IZ
Sample : G1880-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S2-2-24

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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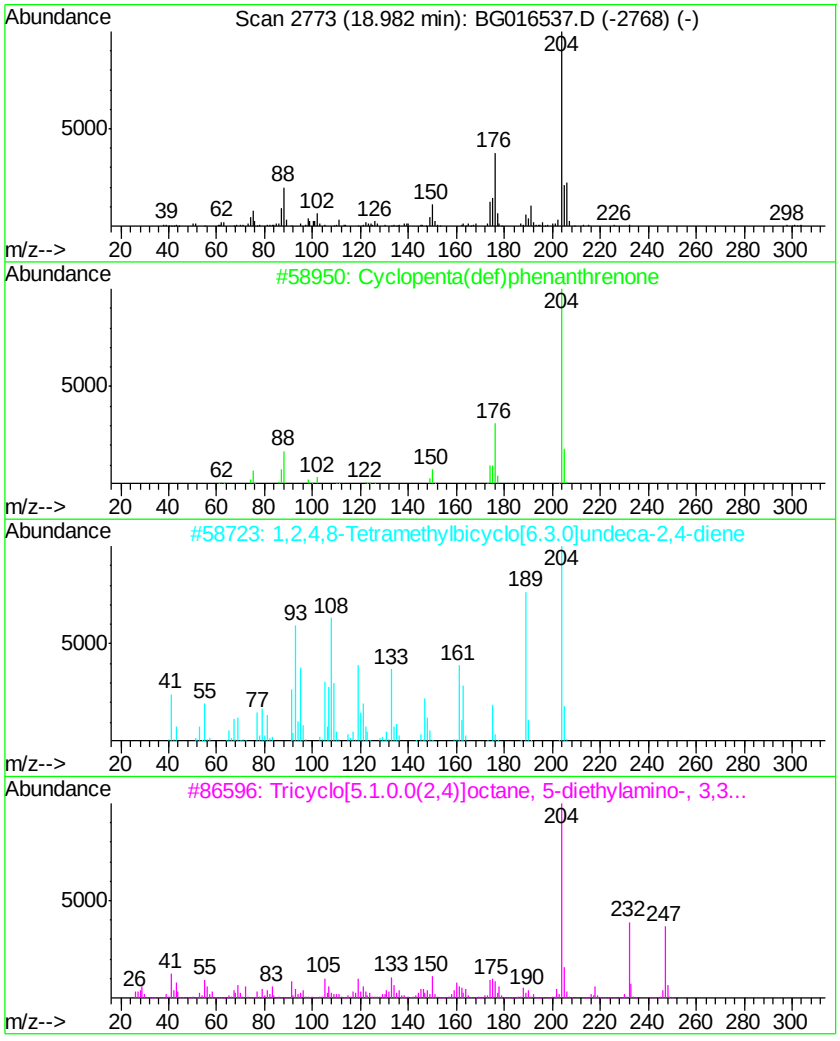
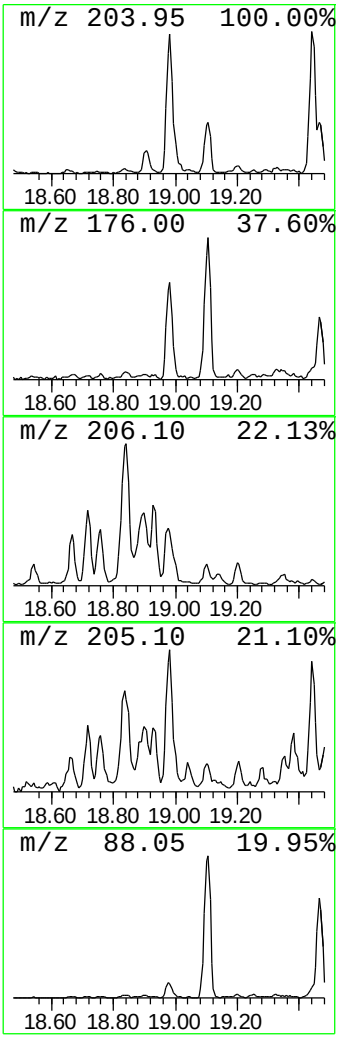
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.98	3.96 ng	195601	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	98
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
3	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	43
4	Pyrene, 4,5-dihydro-	204	C16H12	006628-98-4	40
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	40





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Acq On : 19 Apr 2015 00:52
Operator : TP/IZ
Sample : G1880-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S2-2-24

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
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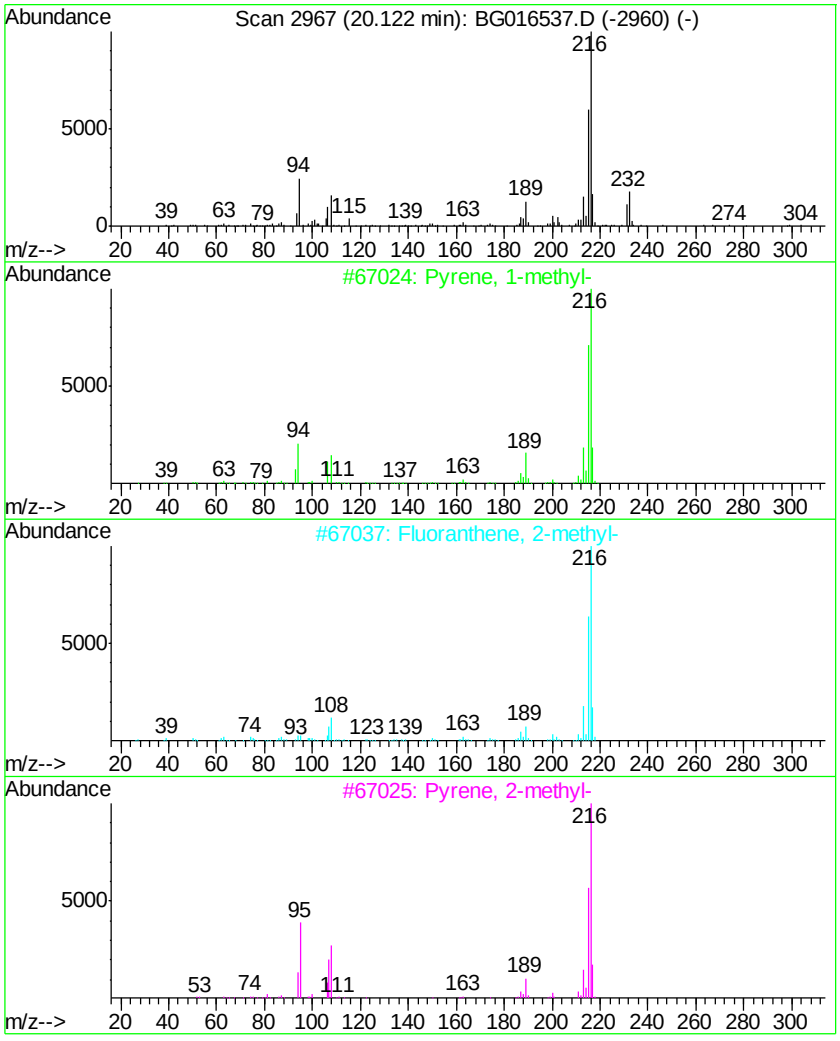
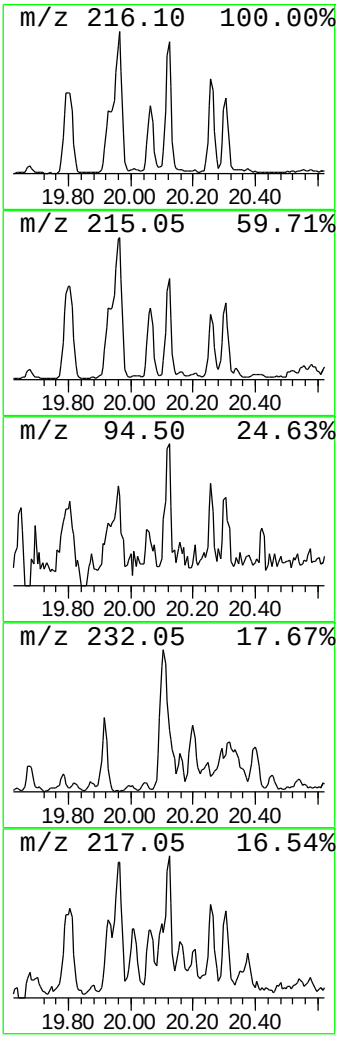
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.12	2.23 ng	259315	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	58





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ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S2-2-24

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
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TIC Library : C:\DATABASE\NIST02.L
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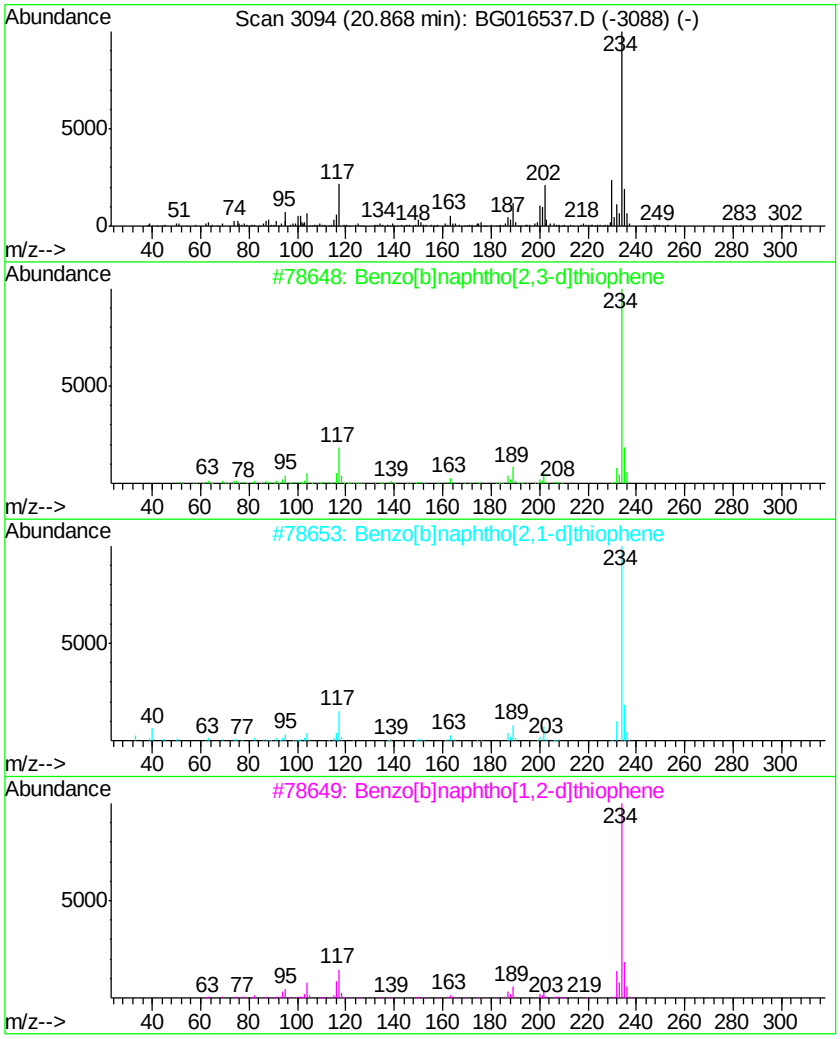
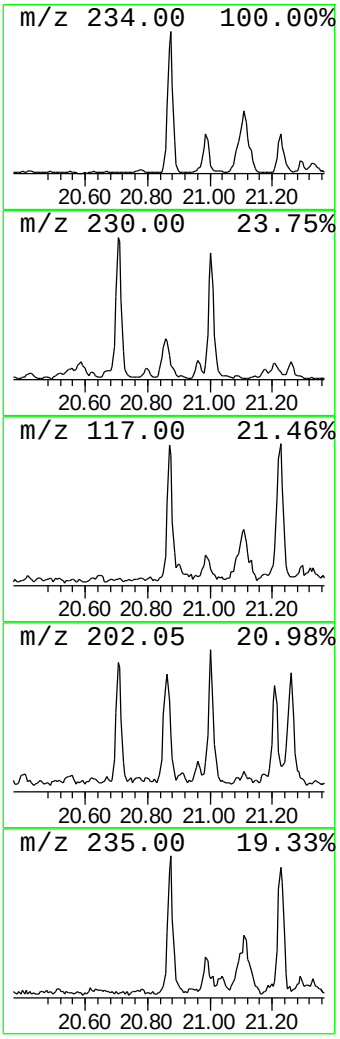
Peak Number 17 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	2.07 ng	241443	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	62
4	3.beta.-Myristoylolean-12-en-16....	653	C44H76O3	1000104-37-2	40
5	Thiazol-2-amine, 4-(1-adamantyl)-	234	C13H18N2S	019735-74-1	37





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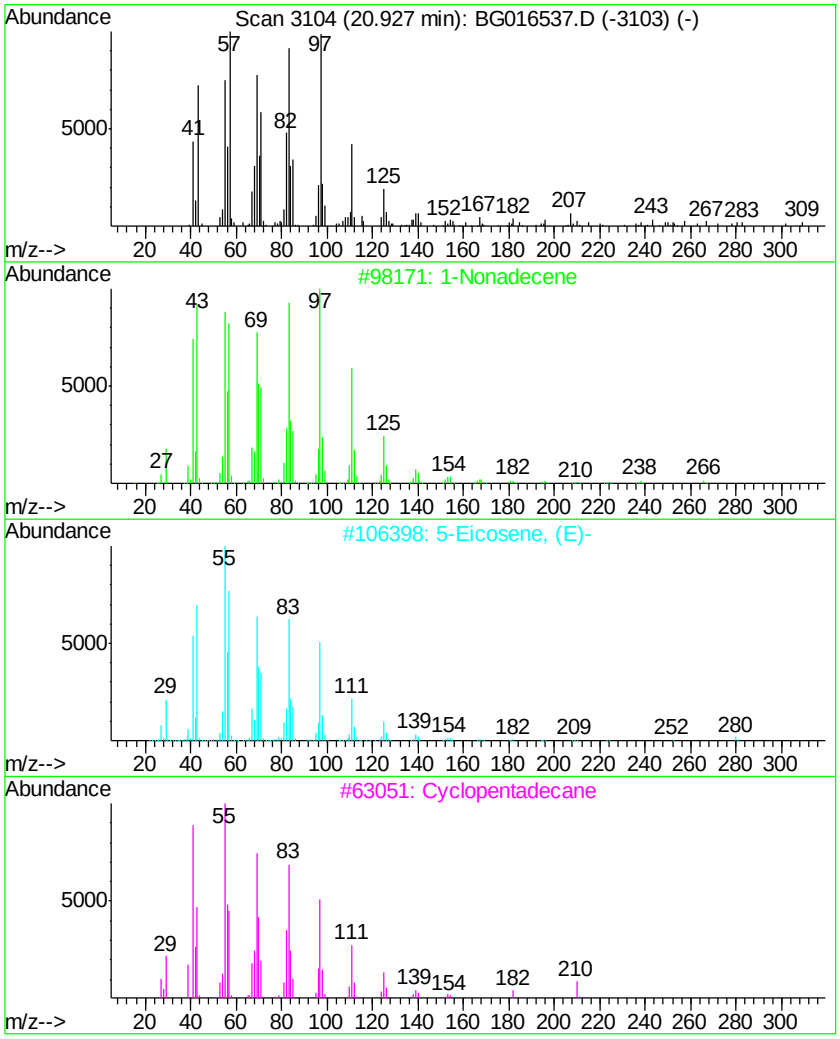
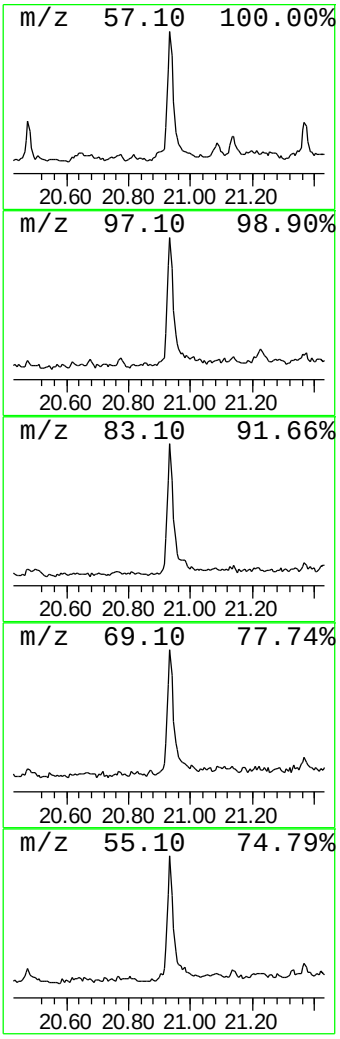
Peak Number 18 1-Nonadecene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	4.40 ng	512449	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
3	Cyclopentadecane	210	C15H30	000295-48-7	94
4	Cyclohexadecane	224	C16H32	000295-65-8	93
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	90





Tentatively Identified Compound (LSC) summary

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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...	2.83	7.3	ng	156332	1	7.66	427836	20.0
2-Pentanone, 4-hy...	4.78	12.1	ng	257674	1	7.66	427836	20.0
unknown7.20	7.20	97.1	ng	2076840	1	7.66	427836	20.0
Dibenzothiophene	16.86	2.1	ng	104121	4	17.04	987600	20.0
Anthracene, 2-met...	17.91	4.4	ng	217435	4	17.04	987600	20.0
Phenanthrene, 2-m...	17.97	6.7	ng	331546	4	17.04	987600	20.0
Benzaldehyde, 3,5...	18.11	7.0	ng	345006	4	17.04	987600	20.0
1H-Cyclopropa[l]p...	18.15	3.0	ng	148981	4	17.04	987600	20.0
Naphthalene, 2-ph...	18.42	3.2	ng	158435	4	17.04	987600	20.0
9,10-Anthracenedione	18.46	2.6	ng	127261	4	17.04	987600	20.0
Phenanthrene, 3,6...	18.84	3.0	ng	145457	4	17.04	987600	20.0
Cyclopenta(def)ph...	18.98	4.0	ng	195601	4	17.04	987600	20.0
Pyrene, 1-methyl-	20.12	2.2	ng	259315	5	21.23	2330270	20.0
Benzo[b]naphtho[2...	20.87	2.1	ng	241443	5	21.23	2330270	20.0
1-Nonadecene	20.93	4.4	ng	512449	5	21.23	2330270	20.0