LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110515\
Data File : BG019495.D
Acq On : 5 Nov 2015 16:45
Operator : UM/NP
Sample : G4273-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP5

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\SOM02.2-EPA-BG102815.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	2.897	7	10	14	rVB5	9069	11036	0.48%	0.042%
2	3.126	43	49	57	rBV	90924	182091	8.00%	0.687%
3	3.209	57	63	80	rVB	640801	986694	43.34%	3.723%
4	3.485	107	110	114	rVB5	5255	6841	0.30%	0.026%
5	4.037	200	204	209	rVB5	5532	9019	0.40%	0.034%
6	5.218	398	405	410	rBV5	4893	10112	0.44%	0.038%
7	7.322	757	763	775	rVB	110990	199814	8.78%	0.754%
8	7.492	786	792	801	rVB	91180	150822	6.62%	0.569%
9	7.703	820	828	837	rBV	113693	189016	8.30%	0.713%
10	8.179	900	909	921	rBV	168132	283150	12.44%	1.068%
11	8.884	1022	1029	1037	rVB	152604	254645	11.18%	0.961%
12	9.349	1101	1108	1115	rBV	120425	215759	9.48%	0.814%
13	10.077	1224	1232	1241	rVB2	109090	204711	8.99%	0.772%
14	10.618	1317	1324	1334	rBV	157700	280552	12.32%	1.059%
15	11.005	1383	1390	1396	rBV	230648	420402	18.46%	1.586%
16	11.058	1396	1399	1405	rVB2	12182	19662	0.86%	0.074%
17	11.135	1405	1412	1421	rBV	140329	247390	10.87%	0.933%
18	12.651	1664	1670	1675	rBV	48835	74767	3.28%	0.282%
19	12.868	1700	1707	1713	rVB2	49410	81339	3.57%	0.307%
20	13.162	1751	1757	1762	rBV3	6412	10600	0.47%	0.040%
21	13.408	1795	1799	1803	rBV3	9265	13476	0.59%	0.051%
22	13.679	1842	1845	1850	rVB3	3084	5655	0.25%	0.021%
23	13.843	1867	1873	1880	rVB3	14649	28749	1.26%	0.108%
24	13.967	1888	1894	1895	rBV2	21081	24488	1.08%	0.092%
25	14.131	1916	1922	1926	rBV3	31295	54240	2.38%	0.205%
26	14.202	1926	1934	1938	rVV	340859	502508	22.07%	1.896%
27	14.249	1938	1942	1949	rVB	188438	266749	11.72%	1.007%
28	14.366	1957	1962	1965	rBV2	19654	29632	1.30%	0.112%
29	14.396	1965	1967	1970	rVB3	7825	8677	0.38%	0.033%
30	14.501	1979	1985	1995	rBV	310344	520177	22.85%	1.963%
31	14.807	2025	2037	2043	rBV2	412471	695081	30.53%	2.623%
32	14.871	2043	2048	2055	rVB	270680	413440	18.16%	1.560%
33	14.989	2062	2068	2080	rBV2	148100	261281	11.48%	0.986%
34	15.112	2087	2089	2093	rVB2	11719	13860	0.61%	0.052%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110515\
Data File : BG019495.D
Acq On : 5 Nov 2015 16:45
Operator : UM/NP
Sample : G4273-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP5

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\SOM02.2-EPA-BG102815.M
Title : SVOA CALIBRATION

35	15.201	2098	2104	2112	rVB	140652	220666	9.69%	0.833%
36	15.271	2112	2116	2121	rBV3	20227	28217	1.24%	0.106%
37	15.412	2133	2140	2146	rBV5	16200	29365	1.29%	0.111%
38	15.465	2146	2149	2155	rVV3	13341	18677	0.82%	0.070%
39	15.588	2165	2170	2173	rBV5	14194	26557	1.17%	0.100%
40	15.624	2173	2176	2180	rVB4	17560	22621	0.99%	0.085%
41	15.729	2190	2194	2196	rBV4	4541	6818	0.30%	0.026%
42	15.794	2196	2205	2210	rBV	443081	695476	30.55%	2.624%
43	15.853	2210	2215	2220	rVV	293283	458383	20.13%	1.730%
44	15.906	2220	2224	2228	rVV	139585	188421	8.28%	0.711%
45	15.970	2233	2235	2238	rVV2	15215	16398	0.72%	0.062%
46	16.011	2238	2242	2248	rVB6	47877	71194	3.13%	0.269%
47	16.099	2254	2257	2260	rBV3	28031	40030	1.76%	0.151%
48	16.141	2260	2264	2271	rVB	69554	109841	4.82%	0.414%
49	16.287	2281	2289	2296	rVB	74475	165086	7.25%	0.623%
50	16.358	2298	2301	2302	rVV3	5436	6463	0.28%	0.024%
51	16.376	2302	2304	2309	rVB2	16728	21680	0.95%	0.082%
52	16.493	2319	2324	2332	rVB6	47319	104195	4.58%	0.393%
53	16.605	2341	2343	2345	rBV3	5145	5740	0.25%	0.022%
54	16.640	2345	2349	2357	rVV4	33141	55313	2.43%	0.209%
55	16.846	2374	2384	2389	rBV4	65090	140276	6.16%	0.529%
56	16.893	2389	2392	2398	rVB5	25874	39718	1.74%	0.150%
57	16.993	2407	2409	2415	rVB2	26059	36872	1.62%	0.139%
58	17.069	2416	2422	2426	rBV4	33881	68701	3.02%	0.259%
59	17.198	2442	2444	2449	rVB3	12992	18531	0.81%	0.070%
60	17.275	2452	2457	2460	rBV3	34975	67735	2.98%	0.256%
61	17.369	2469	2473	2483	rVB	82525	137597	6.04%	0.519%
62	17.551	2497	2504	2507	rBV	602759	932571	40.96%	3.519%
63	17.592	2507	2511	2516	rVV	869219	1252257	55.00%	4.725%
64	17.645	2516	2520	2524	rVV	496316	825566	36.26%	3.115%
65	17.680	2524	2526	2531	rVB	353007	453794	19.93%	1.712%
66	17.944	2566	2571	2574	rBV2	36524	51827	2.28%	0.196%
67	18.062	2588	2591	2595	rBV	27594	33325	1.46%	0.126%
68	18.132	2599	2603	2608	rBV5	16388	30993	1.36%	0.117%
69	18.262	2623	2625	2633	rVB4	14598	27332	1.20%	0.103%
70	18.420	2647	2652	2656	rBV2	117786	177425	7.79%	0.669%
71	18.467	2656	2660	2666	rVB	139118	205097	9.01%	0.774%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110515\
Data File : BG019495.D
Acq On : 5 Nov 2015 16:45
Operator : UM/NP
Sample : G4273-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP5

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\SOM02.2-EPA-BG102815.M
Title : SVOA CALIBRATION

72	18.550	2669	2674	2679	rVB	105258	150556	6.61%	0.568%
73	18.620	2679	2686	2690	rBV	253969	436244	19.16%	1.646%
74	18.908	2731	2735	2746	rVB	123964	187344	8.23%	0.707%
75	19.155	2773	2777	2781	rBV3	40314	51751	2.27%	0.195%
76	19.202	2783	2785	2788	rVV	28413	32337	1.42%	0.122%
77	19.243	2789	2792	2795	rVB2	28689	33682	1.48%	0.127%
78	19.325	2800	2806	2810	rBV2	65571	123305	5.42%	0.465%
79	19.589	2845	2851	2857	rBV	1288446	1811363	79.56%	6.835%
80	19.642	2858	2860	2863	rVB	27991	24482	1.08%	0.092%
81	19.678	2864	2866	2870	rVV4	23043	31196	1.37%	0.118%
82	19.736	2872	2876	2885	rVB	96082	147479	6.48%	0.556%
83	19.919	2901	2907	2910	rBV3	828600	1372774	60.29%	5.180%
84	19.954	2910	2913	2920	rVV	833241	1186068	52.09%	4.475%
85	20.012	2920	2923	2930	rVB3	73836	121122	5.32%	0.457%
86	20.124	2938	2942	2948	rVB	89784	134765	5.92%	0.508%
87	20.265	2960	2966	2973	rBV3	93764	239095	10.50%	0.902%
88	20.436	2991	2995	3001	rVB	322910	469388	20.62%	1.771%
89	20.535	3007	3012	3016	rBV	332415	458468	20.14%	1.730%
90	20.735	3042	3046	3049	rBV	59176	82714	3.63%	0.312%
91	21.029	3093	3096	3099	rBV4	37156	57764	2.54%	0.218%
92	21.399	3155	3159	3162	rBV	57465	84739	3.72%	0.320%
93	21.440	3162	3166	3170	rVB	85082	123064	5.41%	0.464%
94	21.828	3222	3232	3237	rBV2	912898	2276775	100.00%	8.591%
95	21.875	3237	3240	3251	rVB	391162	649152	28.51%	2.449%
96	22.034	3264	3267	3274	rBV2	35306	56763	2.49%	0.214%
97	22.803	3394	3398	3403	rVB2	40280	66772	2.93%	0.252%
98	24.108	3611	3620	3627	rBV	217800	708730	31.13%	2.674%
99	24.948	3755	3763	3769	rBV	283313	728577	32.00%	2.749%
100	25.177	3792	3802	3811	rBV	415041	1188878	52.22%	4.486%

Sum of corrected areas: 26502540

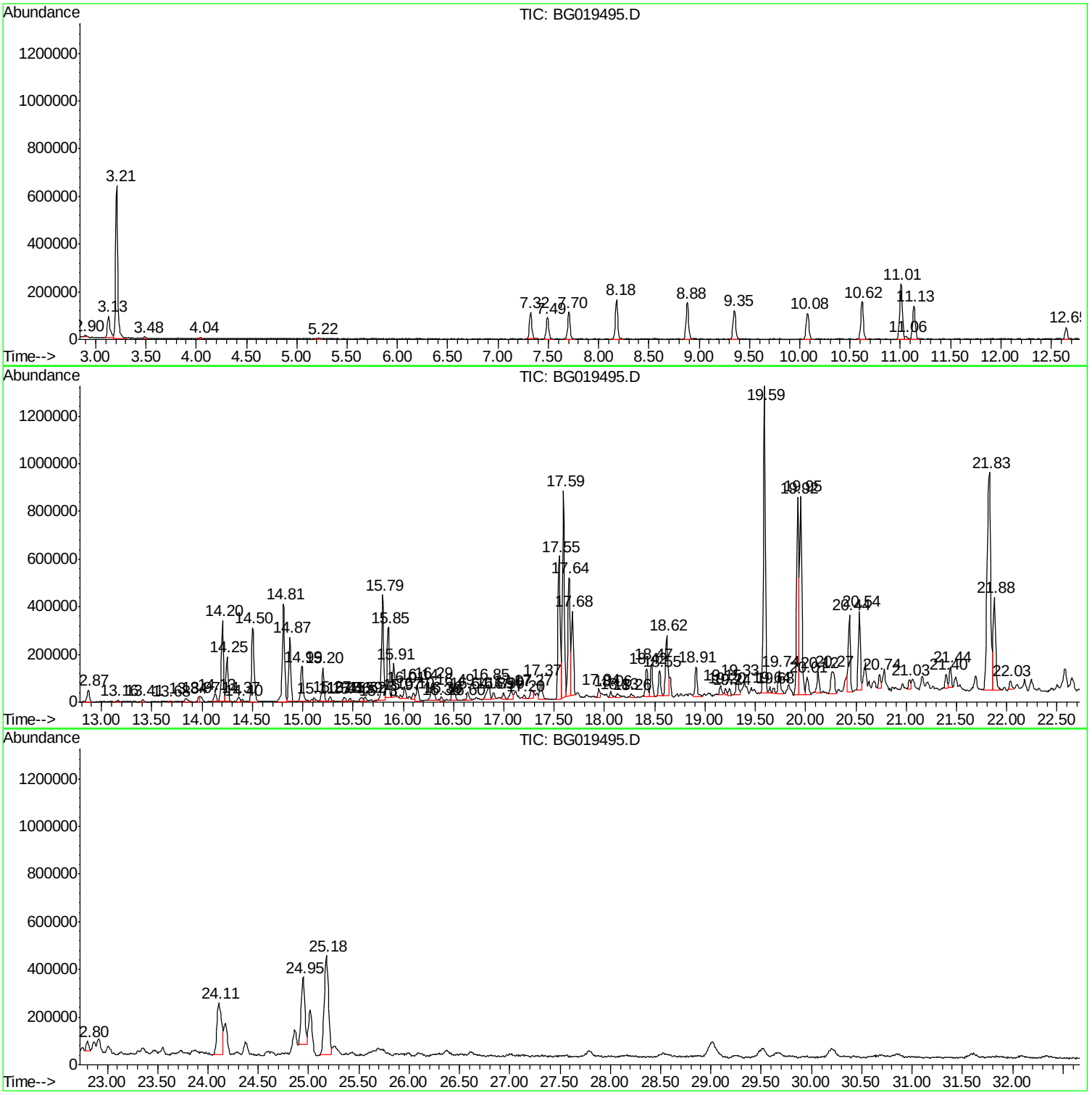
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110515\
Data File : BG019495.D
Acq On : 5 Nov 2015 16:45
Operator : UM/NP
Sample : G4273-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110515\
Data File : BG019495.D
Acq On : 5 Nov 2015 16:45
Operator : UM/NP
Sample : G4273-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

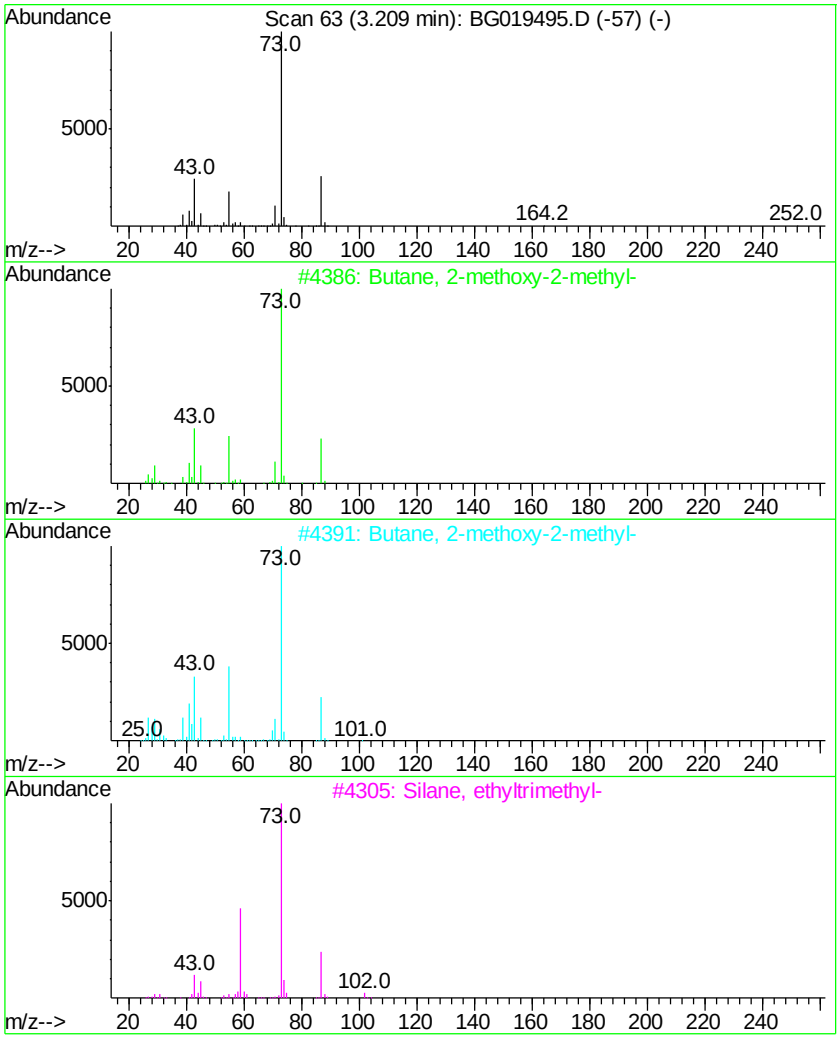
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

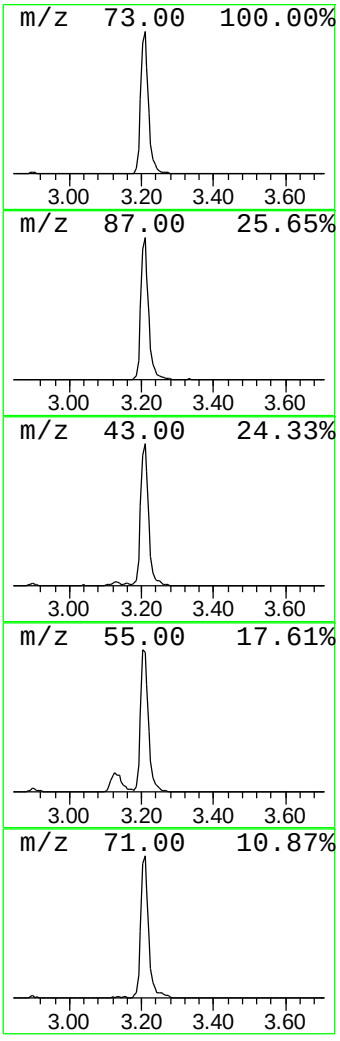
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	69.69 ng/ul	986694	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110515\
Data File : BG019495.D
Acq On : 5 Nov 2015 16:45
Operator : UM/NP
Sample : G4273-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

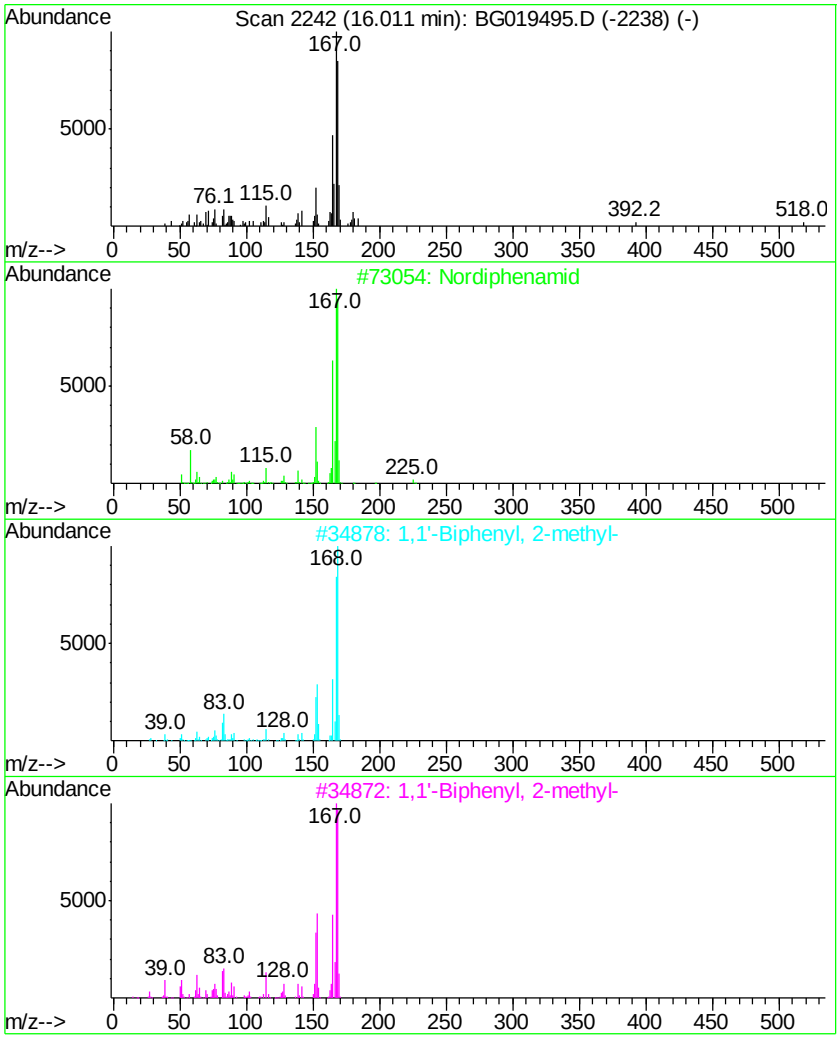
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

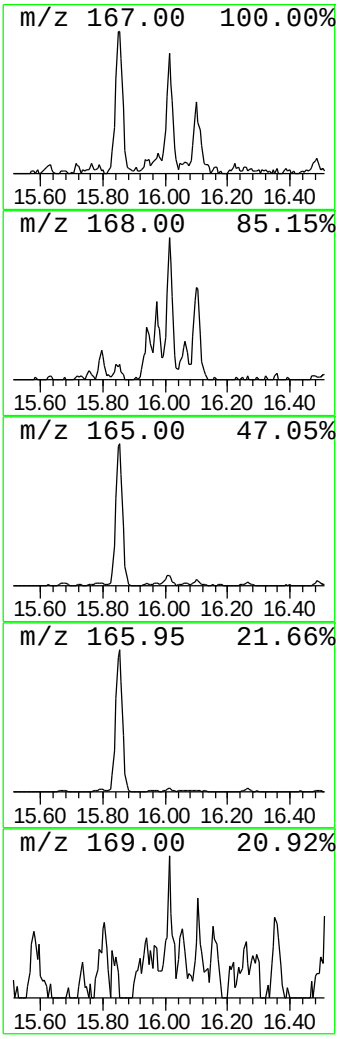
****

Peak Number 3 Nordiphenamid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	2.05 ng/ul	71194	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	78
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	53
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	49
5	Benzene, 1,1'-(chloromethylene)bis-	202	C13H11Cl	000090-99-3	49





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110515\
Data File : BG019495.D
Acq On : 5 Nov 2015 16:45
Operator : UM/NP
Sample : G4273-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

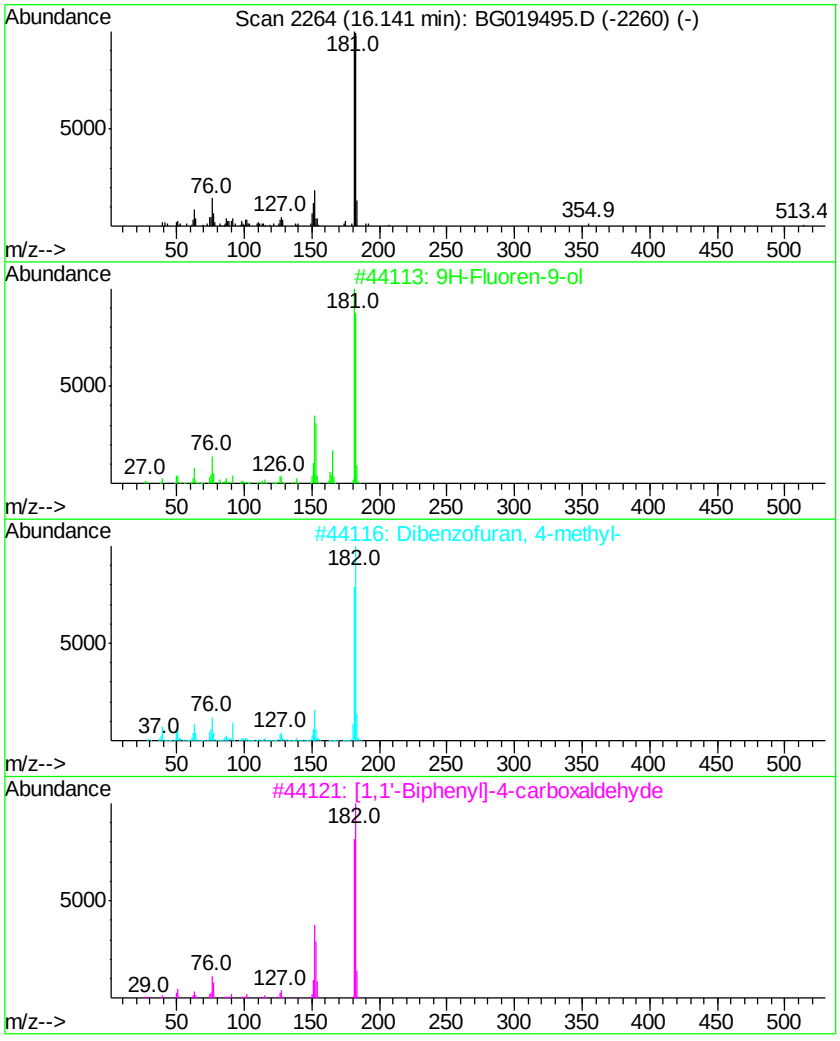
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

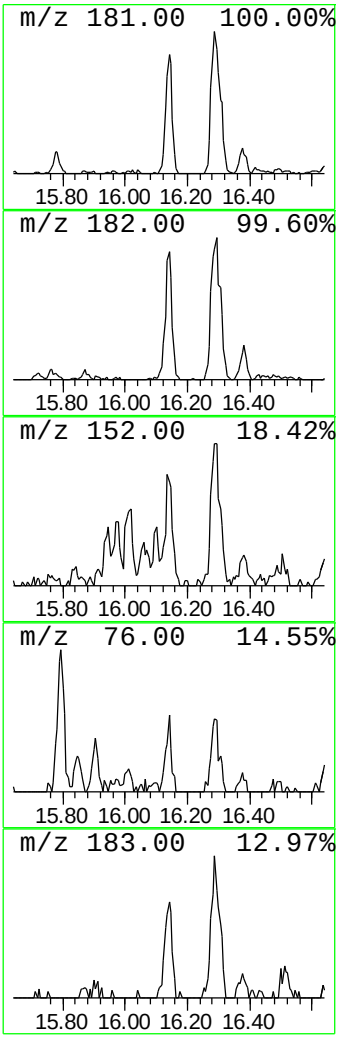
****

Peak Number 4 9H-Fluoren-9-ol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	3.16 ng/ul	109841	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
4	Pyrido[2,3-d]indole, 6-methyl-	182	C12H10N2	108349-67-3	83
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110515\
Data File : BG019495.D
Acq On : 5 Nov 2015 16:45
Operator : UM/NP
Sample : G4273-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

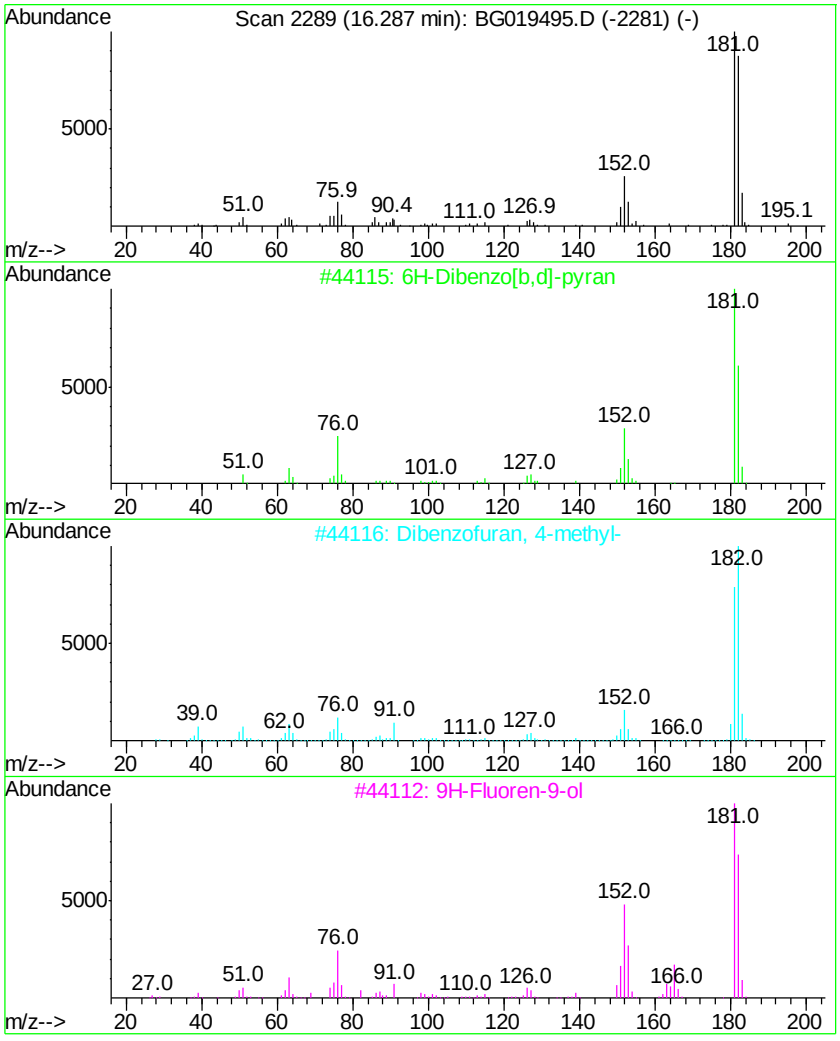
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

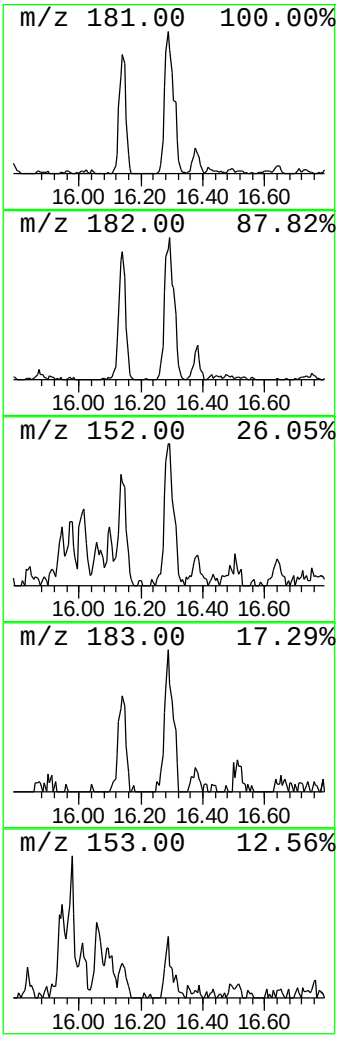
****

Peak Number 5 6H-Dibenzo[b,d]-pyran Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	3.54 ng/ul	165086	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	91
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110515\
Data File : BG019495.D
Acq On : 5 Nov 2015 16:45
Operator : UM/NP
Sample : G4273-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

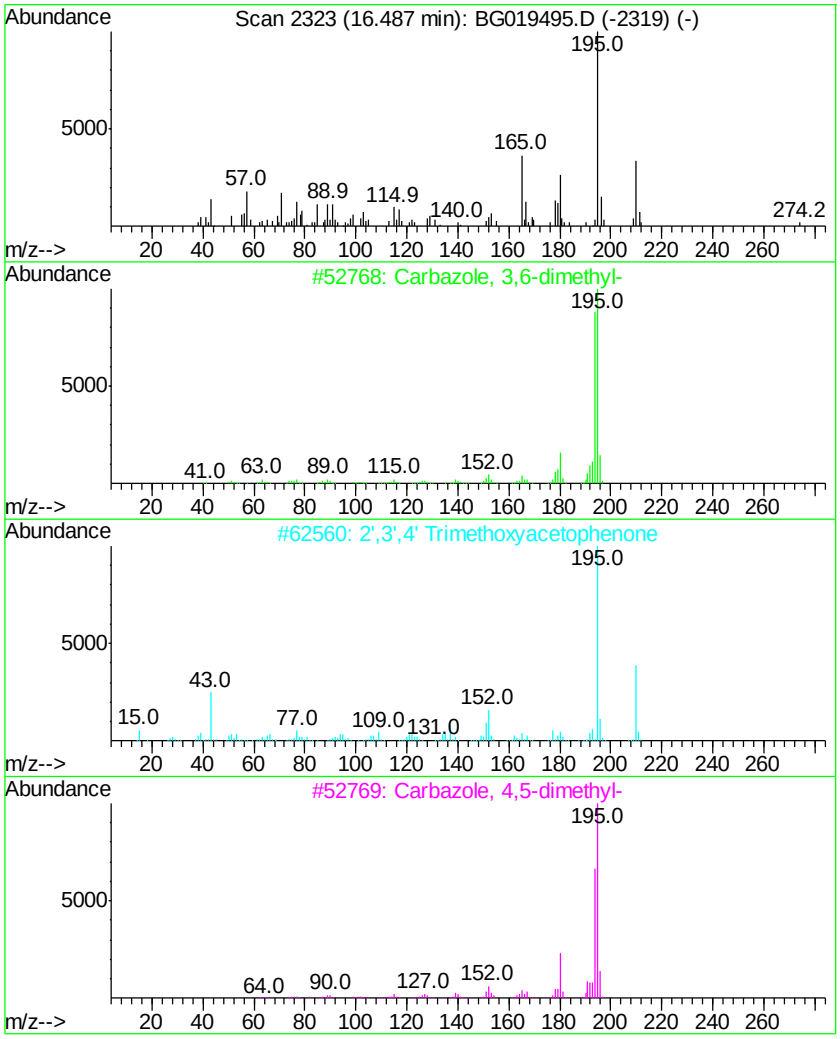
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

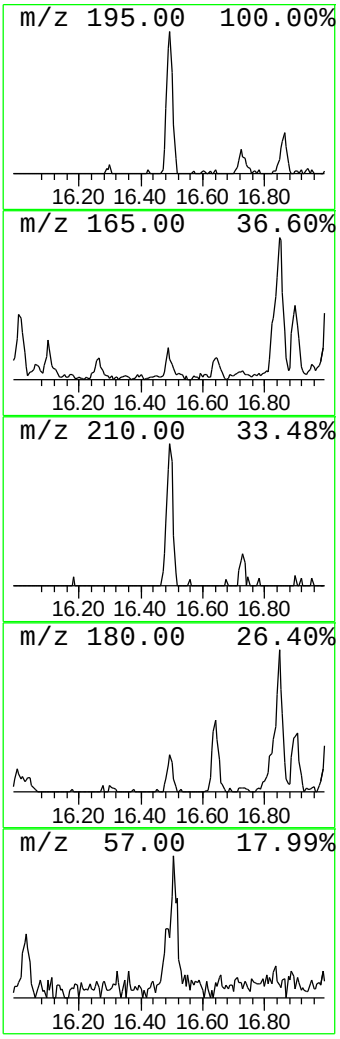
****

Peak Number 6 Carbazole, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	2.23 ng/ul	104195	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole, 3,6-dimethyl-	195	C14H13N	005599-50-8	59
2	2',3',4' Trimethoxyacetophenone	210	C11H14O4	013909-73-4	50
3	Carbazole, 4,5-dimethyl-	195	C14H13N	018992-66-0	50
4	Carbazole, 3,5-dimethyl-	195	C14H13N	078787-81-2	50
5	9,9-Dimethyl-9-silafluorene	210	C14H14Si	013688-68-1	50





Library Search Compound Report

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Data File : BG019495.D
Acq On : 5 Nov 2015 16:45
Operator : UM/NP
Sample : G4273-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

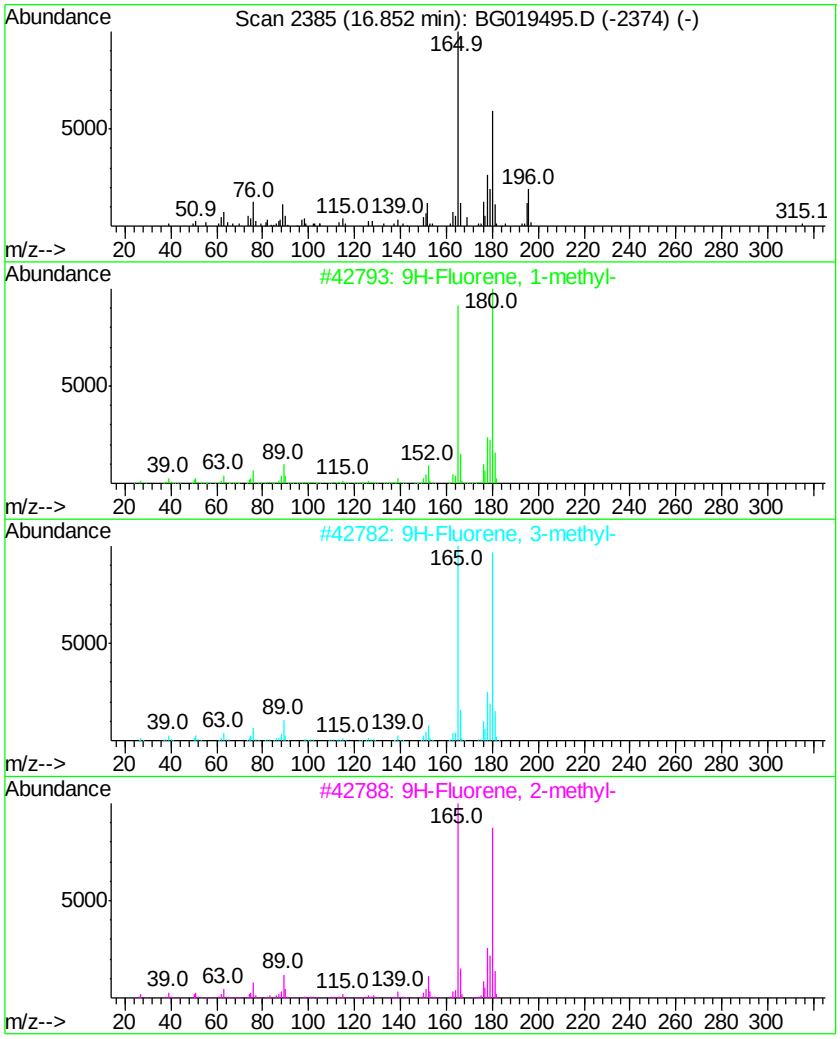
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

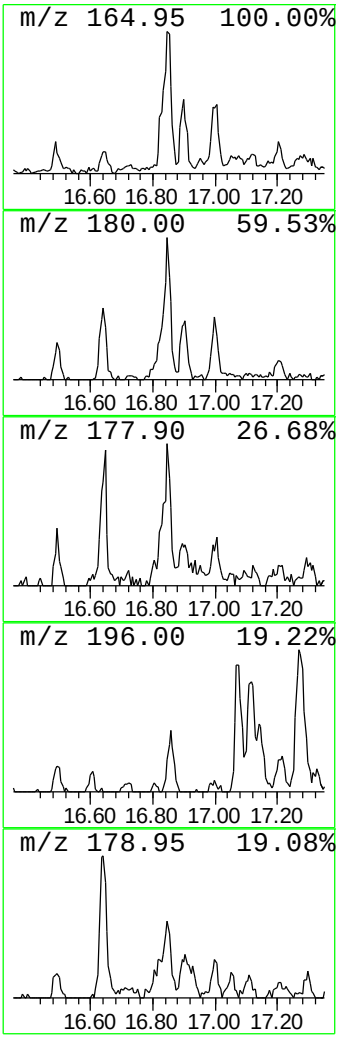
****

Peak Number 7 9H-Fluorene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	3.01 ng/ul	140276	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90





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Instrument : BNA_G
ClientSampleId : C0AP5

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Quant Title : SVOA CALIBRATION

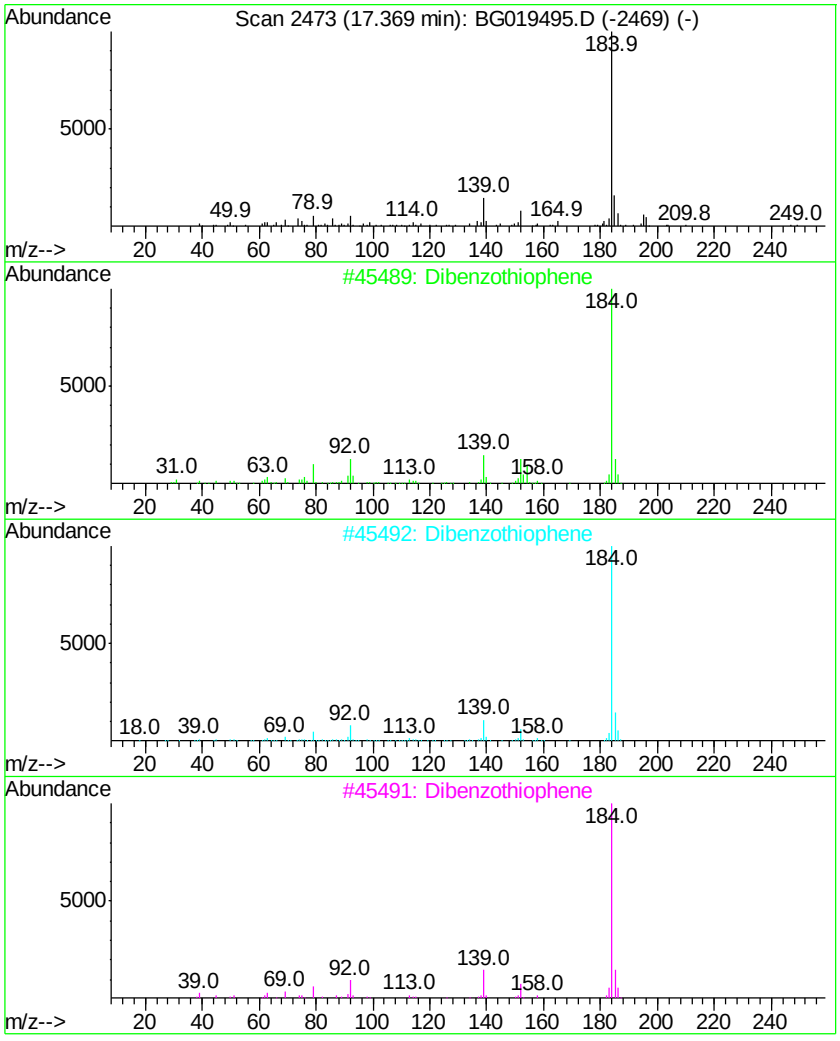
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

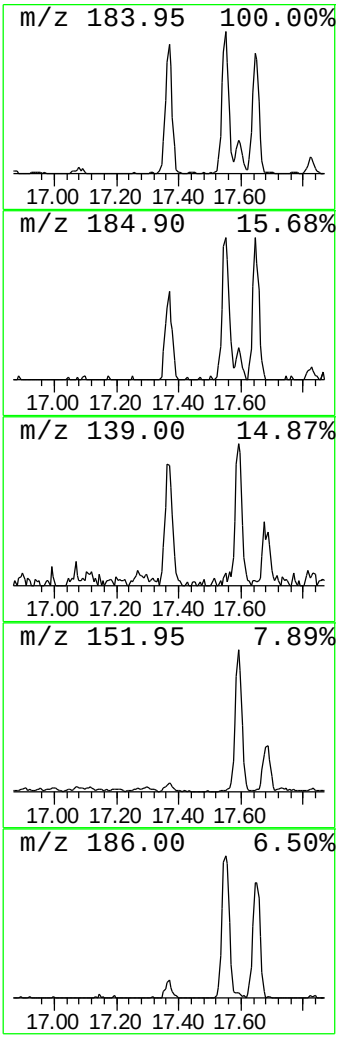
****

Peak Number 8 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	2.95 ng/ul	137597	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	87
2	Dibenzothiophene	184	C12H8S	000132-65-0	87
3	Dibenzothiophene	184	C12H8S	000132-65-0	87
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	81
5	Dibenzothiophene	184	C12H8S	000132-65-0	81





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Instrument : BNA_G
ClientSampleId : C0AP5

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Quant Title : SVOA CALIBRATION

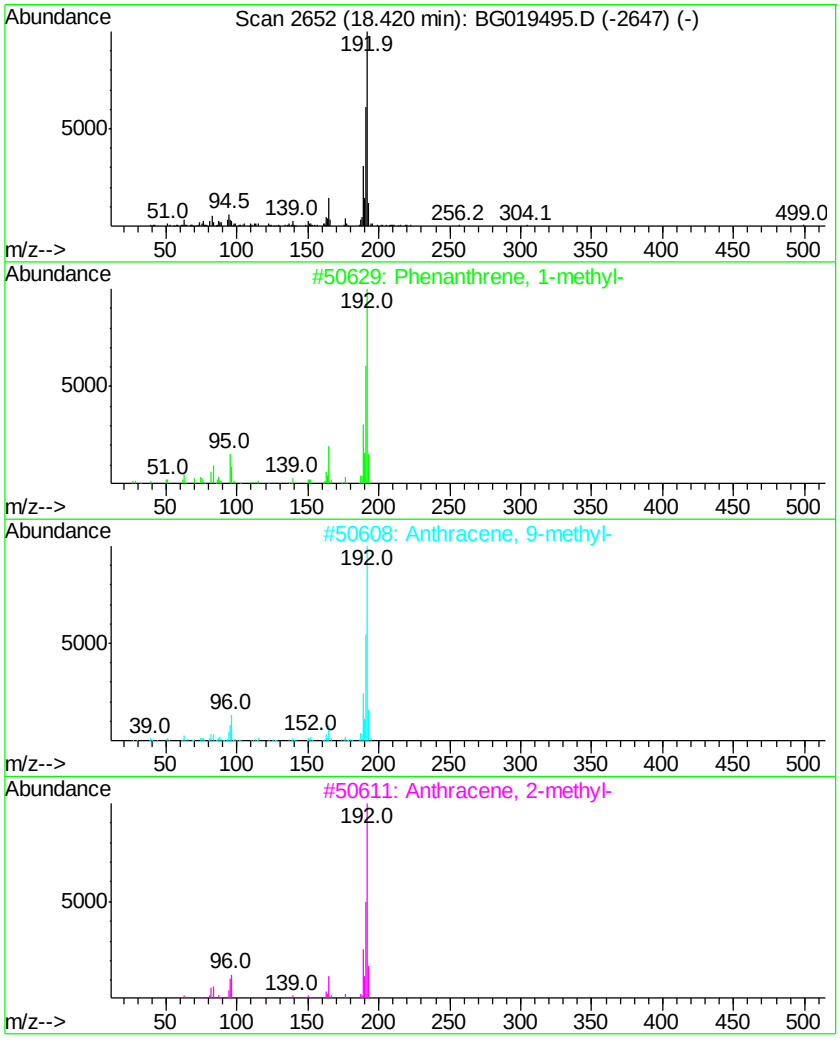
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

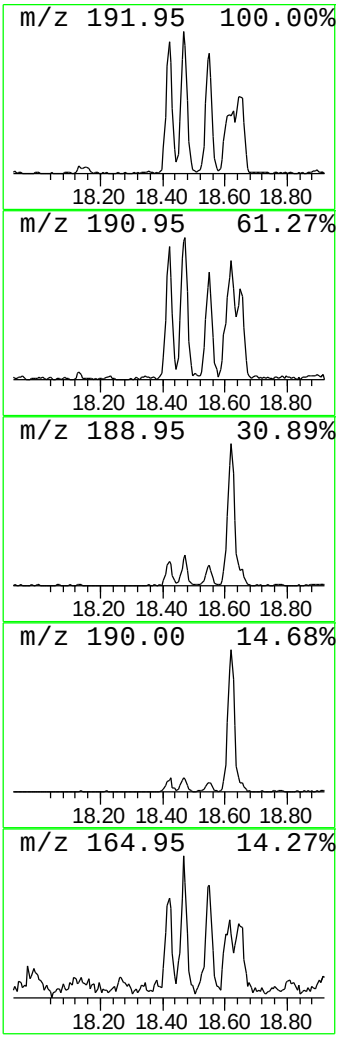
****

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	3.81 ng/ul	177425	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





Library Search Compound Report

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Sample : G4273-09
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Instrument : BNA_G
ClientSampleId : C0AP5

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Quant Title : SVOA CALIBRATION

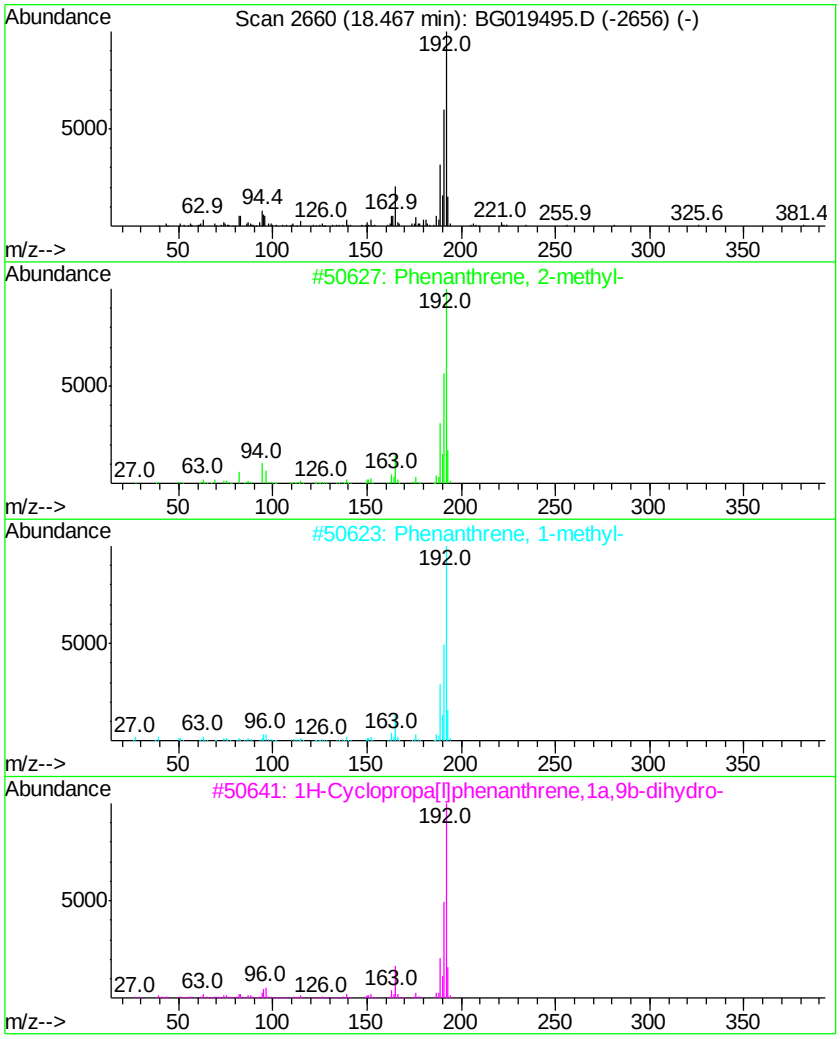
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

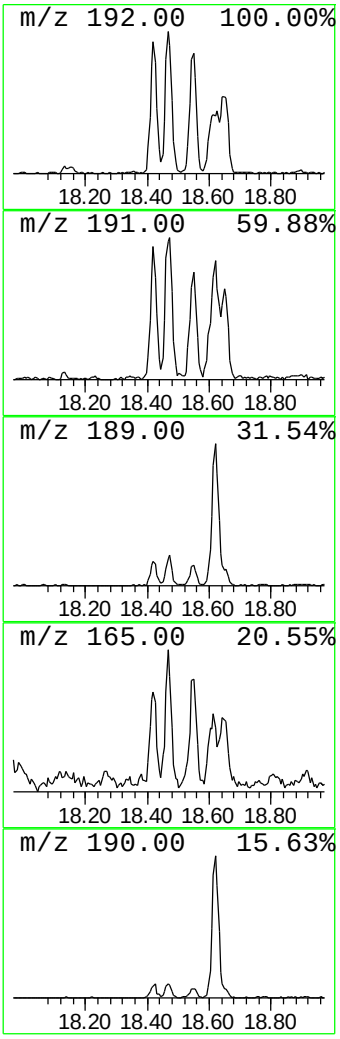
****

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	4.40 ng/ul	205097	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : C0AP5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

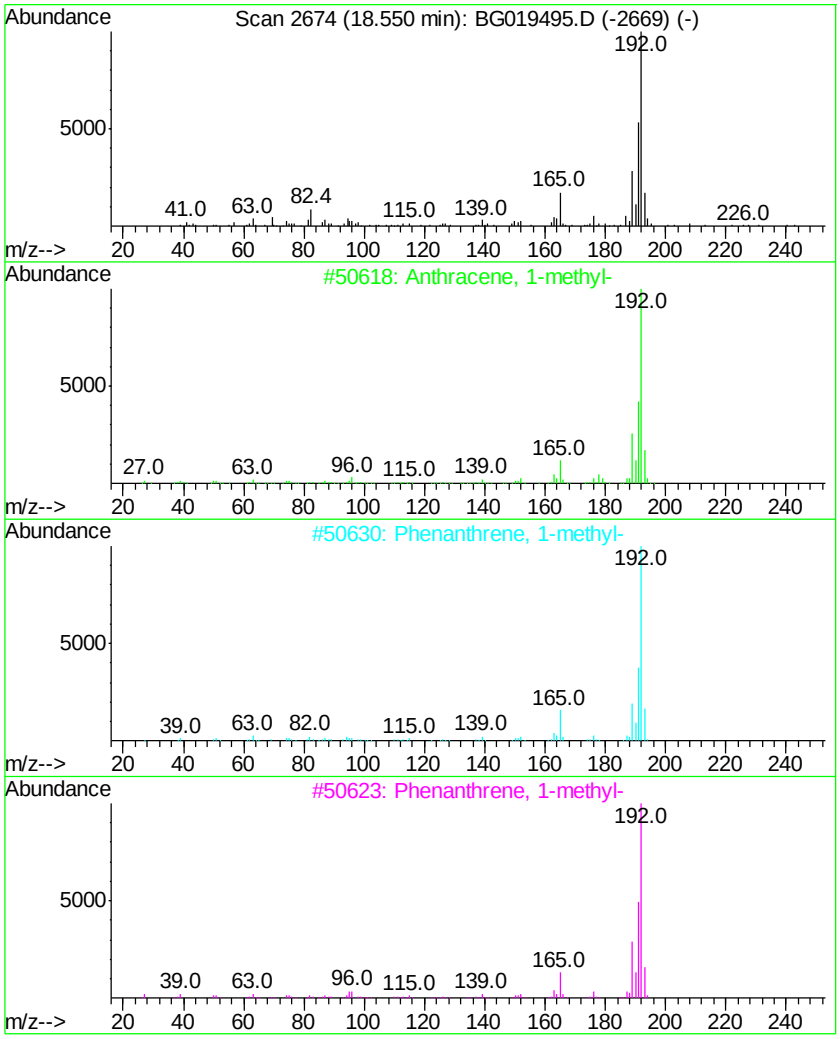
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

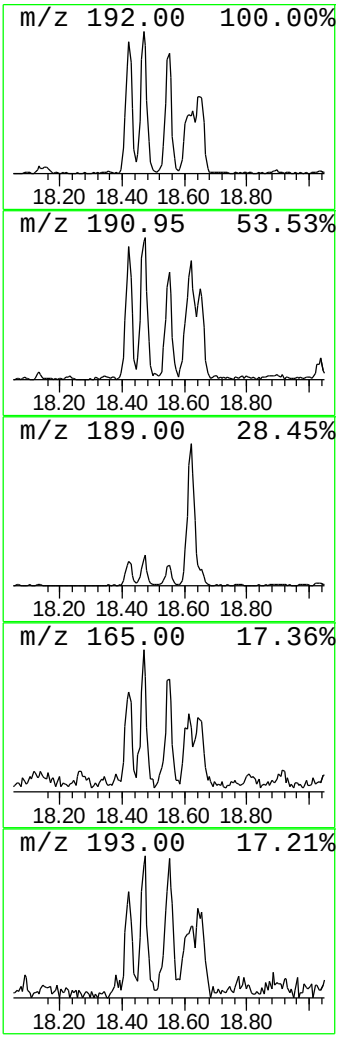
****

Peak Number 11 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	3.23 ng/ul	150556	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

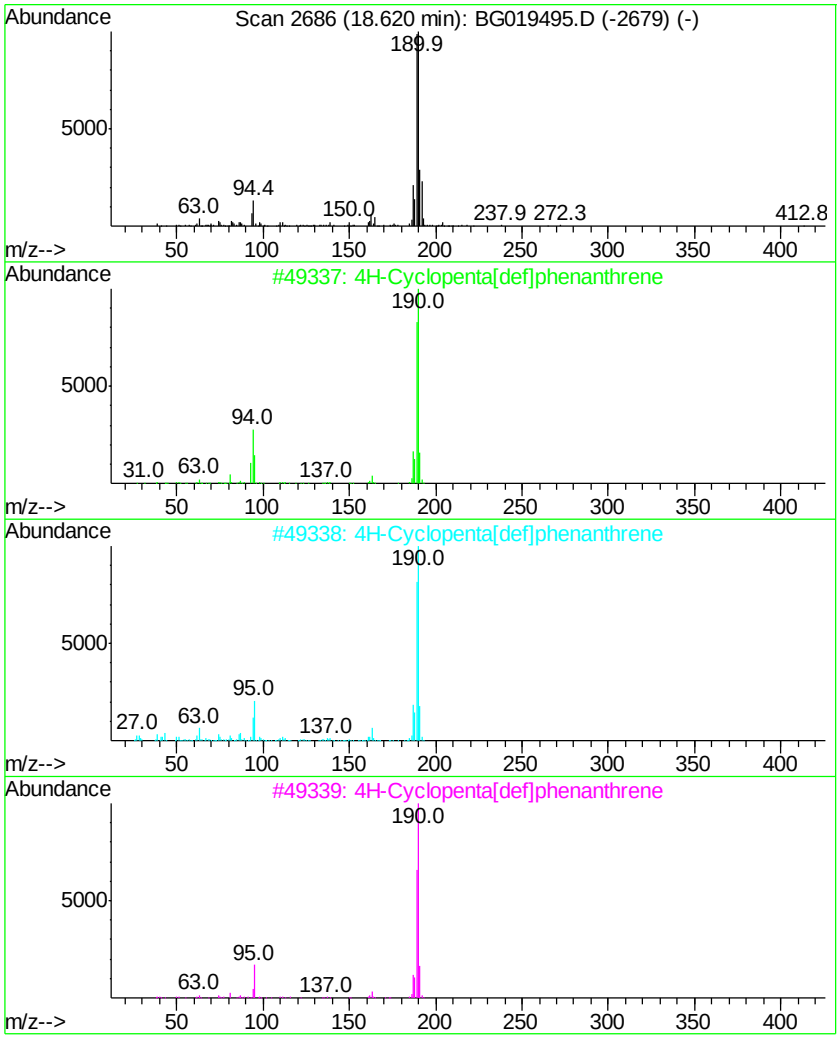
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

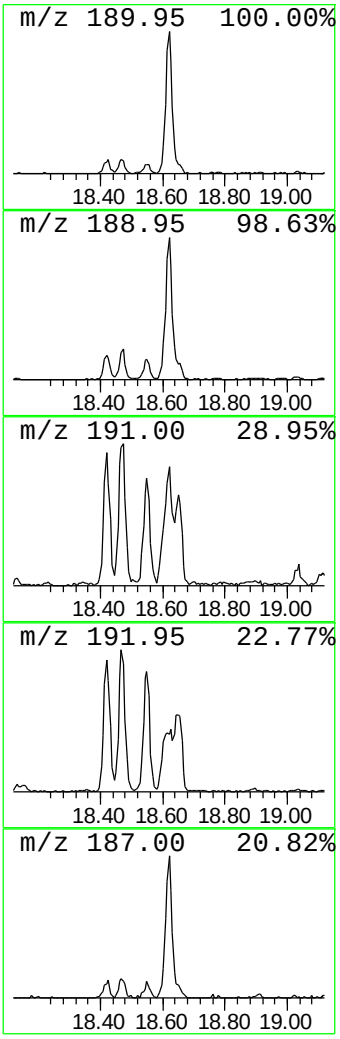
****

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	9.36 ng/ul	436244	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Instrument : BNA_G
ClientSampleId : C0AP5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

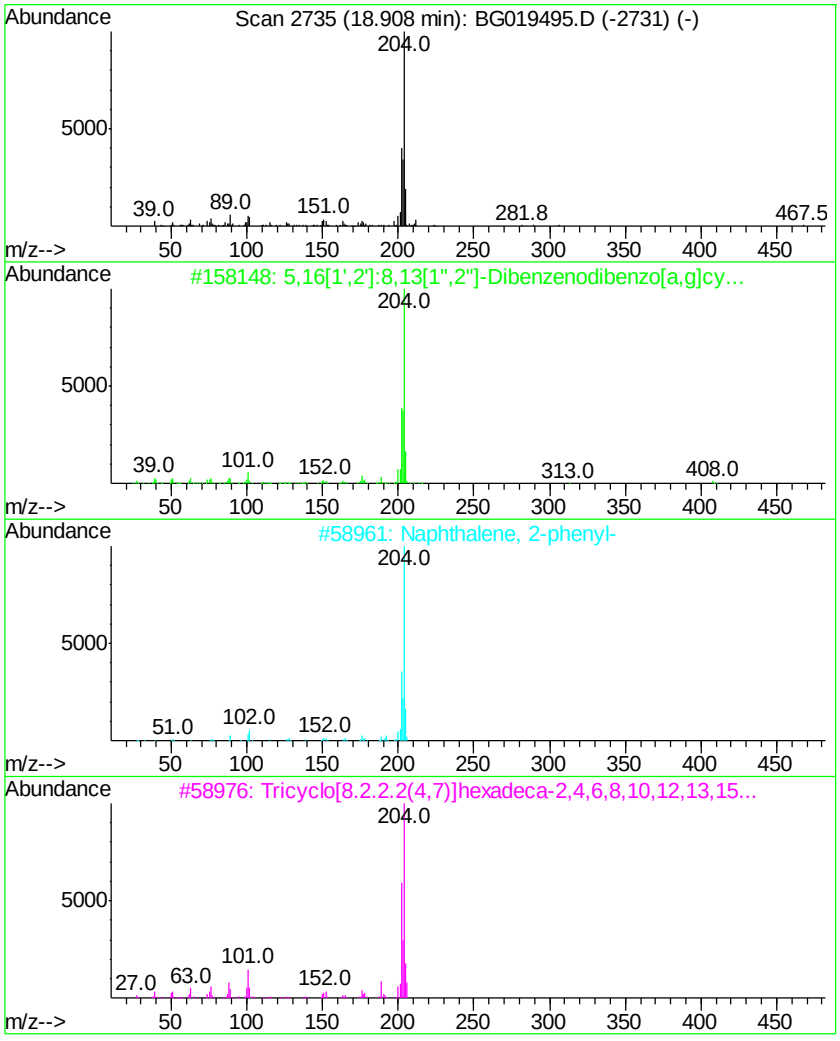
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

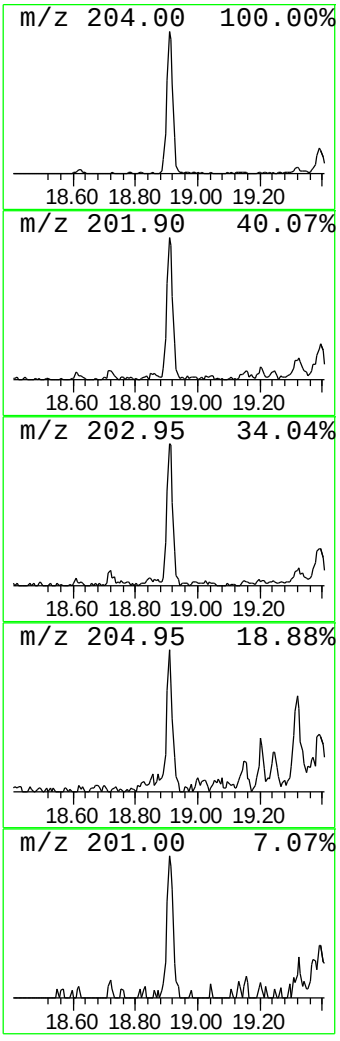
****

Peak Number 13 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	4.02 ng/ul	187344	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	59
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
4	2-Phenylnaphthalene	204	C16H12	035465-71-5	58
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58





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Quant Title : SVOA CALIBRATION

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

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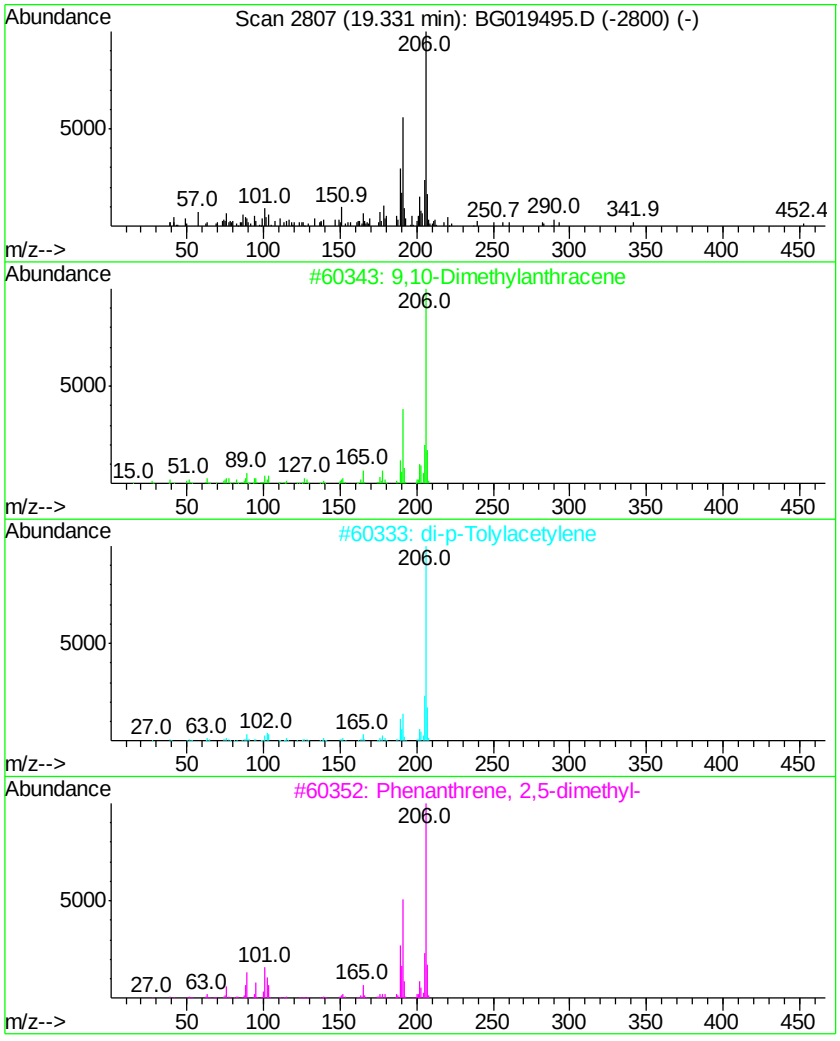
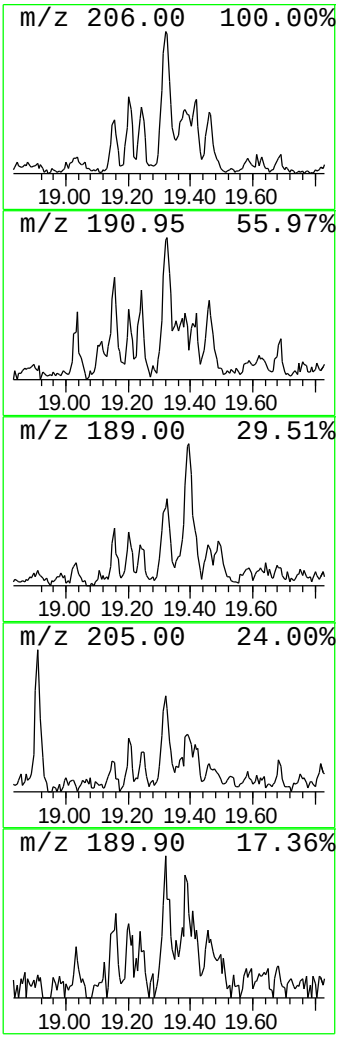
Peak Number 14 9,10-Dimethylanthracene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	2.64 ng/ul	123305	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	80
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	80
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	74
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	74





Library Search Compound Report

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Sample : G4273-09
Misc :
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Instrument : BNA_G
ClientSampleId : C0AP5

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Quant Title : SVOA CALIBRATION

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

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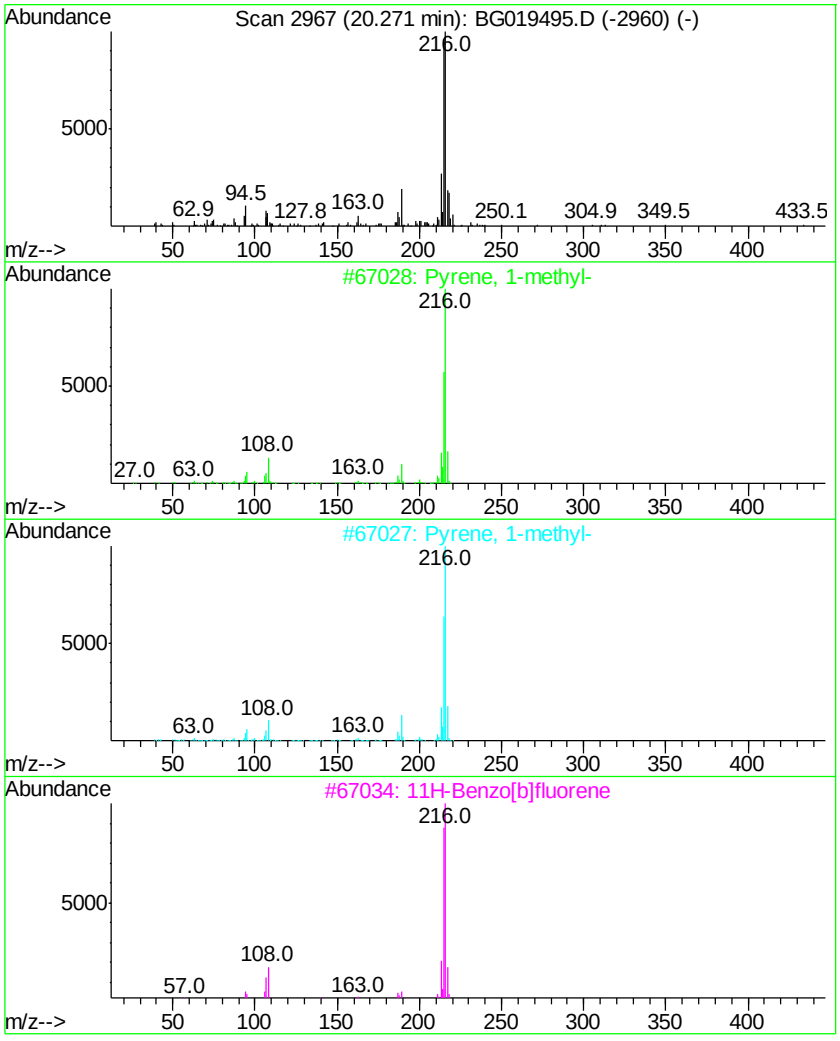
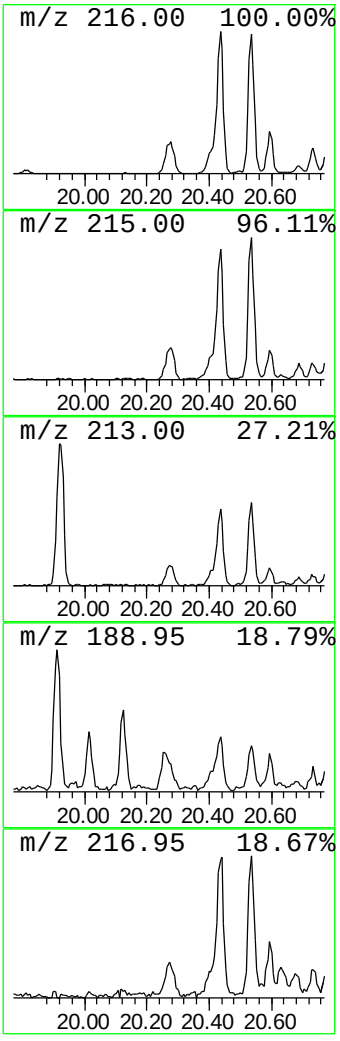
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.27	2.10 ng/ul	239095	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	68





Library Search Compound Report

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Acq On : 5 Nov 2015 16:45
Operator : UM/NP
Sample : G4273-09
Misc :
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Instrument : BNA_G
ClientSampleId : C0AP5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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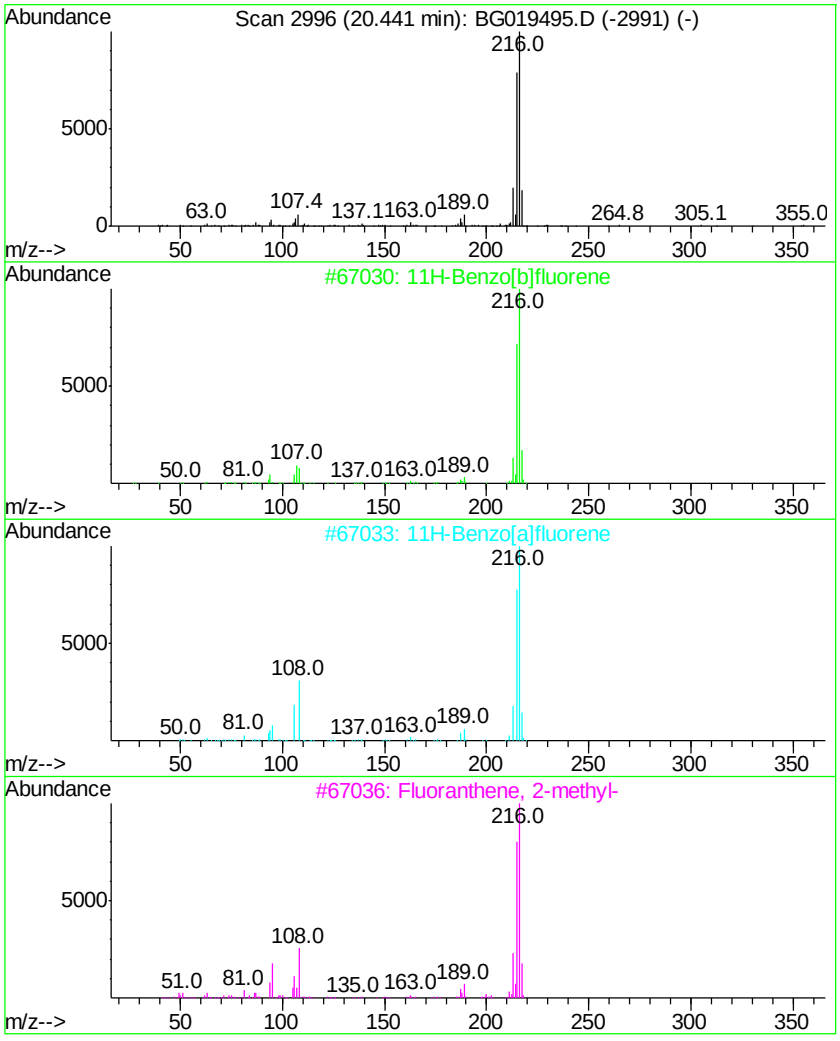
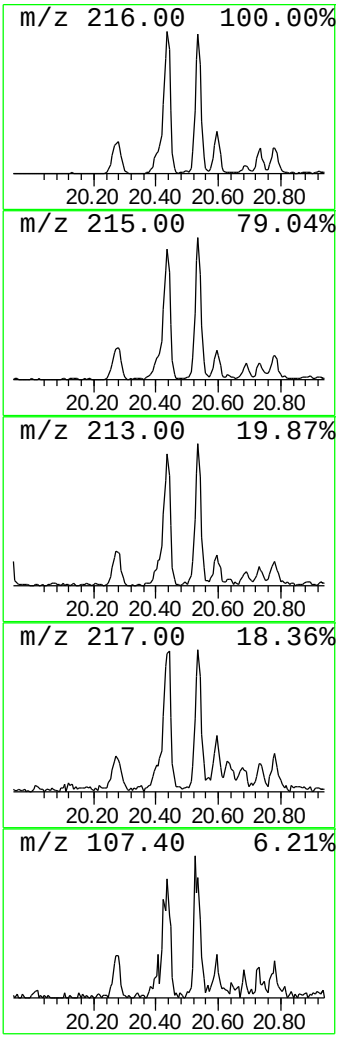
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	4.12 ng/ul	469388	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78





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Sample : G4273-09
Misc :
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Instrument : BNA_G
ClientSampleId : C0AP5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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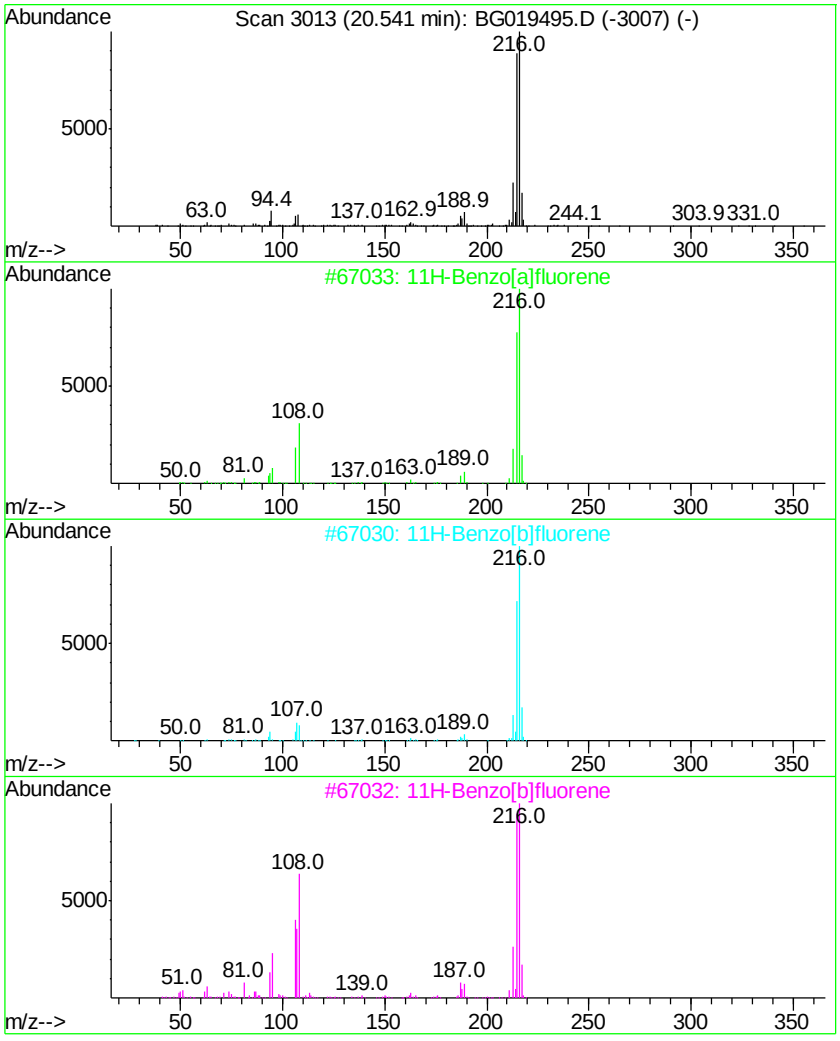
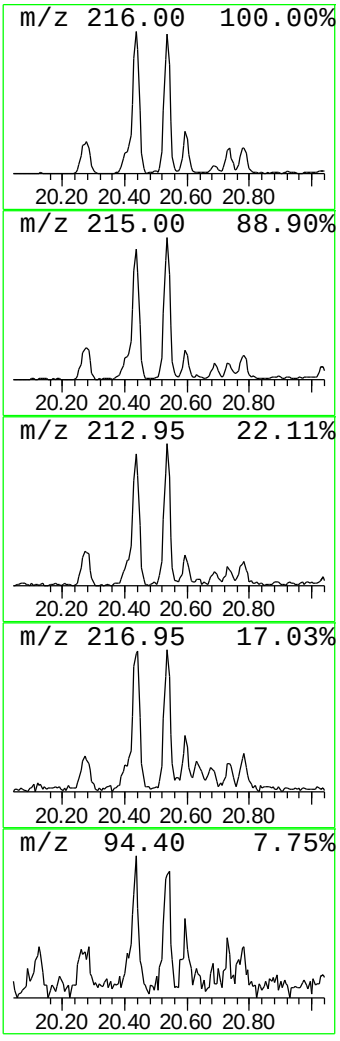
Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.54	4.03 ng/ul	458468	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





Tentatively Identified Compound (LSC) summary

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Data File : BG019495.D
Acq On : 5 Nov 2015 16:45
Operator : UM/NP
Sample : G4273-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.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...	3.21	69.7	ng/ul	986694	1	8.18	283150	20.0
Nordiphenamid	16.01	2.0	ng/ul	71194	3	14.81	695081	20.0
9H-Fluoren-9-ol	16.14	3.2	ng/ul	109841	3	14.81	695081	20.0
6H-Dibenzo[b,d]-p...	16.29	3.5	ng/ul	165086	4	17.55	932571	20.0
Carbazole, 3,6-di...	16.49	2.2	ng/ul	104195	4	17.55	932571	20.0
9H-Fluorene, 1-me...	16.85	3.0	ng/ul	140276	4	17.55	932571	20.0
Dibenzothiophene	17.37	3.0	ng/ul	137597	4	17.55	932571	20.0
Phenanthrene, 1-m...	18.42	3.8	ng/ul	177425	4	17.55	932571	20.0
Phenanthrene, 2-m...	18.47	4.4	ng/ul	205097	4	17.55	932571	20.0
Anthracene, 1-met...	18.55	3.2	ng/ul	150556	4	17.55	932571	20.0
4H-Cyclopenta[def...	18.62	9.4	ng/ul	436244	4	17.55	932571	20.0
5,16[1',2']:8,13[...	18.91	4.0	ng/ul	187344	4	17.55	932571	20.0
9,10-Dimethylanth...	19.33	2.6	ng/ul	123305	4	17.55	932571	20.0
Pyrene, 1-methyl-	20.27	2.1	ng/ul	239095	5	21.83	2276780	20.0
11H-Benzo[b]fluorene	20.44	4.1	ng/ul	469388	5	21.83	2276780	20.0
11H-Benzo[a]fluorene	20.54	4.0	ng/ul	458468	5	21.83	2276780	20.0