LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110415\
Data File : BG019476.D
Acq On : 4 Nov 2015 18:56
Operator : UM/NP
Sample : G4245-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY29

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	3.129	43	49	57	rBV	62860	128240	8.45%	0.732%
2	3.205	57	62	74	rVB	216903	331171	21.82%	1.891%
3	6.642	641	647	653	rBV2	7752	14714	0.97%	0.084%
4	7.324	756	763	770	rBV2	34311	60446	3.98%	0.345%
5	7.494	785	792	799	rBV	119199	194127	12.79%	1.109%
6	7.706	821	828	835	rBV	125323	209620	13.81%	1.197%
7	8.182	902	909	917	rVB	136322	224325	14.78%	1.281%
8	8.558	965	973	980	rBV	404663	665495	43.85%	3.801%
9	8.881	1021	1028	1039	rVB2	105025	179646	11.84%	1.026%
10	9.263	1088	1093	1095	rBV2	5763	7760	0.51%	0.044%
11	9.351	1102	1108	1119	rVB2	175807	359225	23.67%	2.052%
12	9.545	1135	1141	1149	rVB	55655	94763	6.24%	0.541%
13	9.656	1154	1160	1167	rVB4	22102	35226	2.32%	0.201%
14	9.733	1167	1173	1180	rBV3	18426	32890	2.17%	0.188%
15	10.079	1223	1232	1239	rBV	151166	278281	18.34%	1.589%
16	10.403	1282	1287	1296	rVB6	11291	25763	1.70%	0.147%
17	10.497	1298	1303	1306	rVV3	5590	6963	0.46%	0.040%
18	10.620	1316	1324	1332	rBV	216873	384724	25.35%	2.197%
19	11.008	1382	1390	1396	rBV	183223	327113	21.55%	1.868%
20	11.061	1396	1399	1404	rVV5	12228	19724	1.30%	0.113%
21	11.119	1404	1409	1412	rVV4	5189	10145	0.67%	0.058%
22	11.184	1415	1420	1427	rVV4	22203	44374	2.92%	0.253%
23	11.249	1427	1431	1435	rVV4	11496	18023	1.19%	0.103%
24	11.290	1435	1438	1445	rVB4	8146	14242	0.94%	0.081%
25	11.419	1454	1460	1465	rVB4	13520	24865	1.64%	0.142%
26	11.660	1497	1501	1508	rVB4	3952	7424	0.49%	0.042%
27	11.772	1516	1520	1523	rVB2	5187	7472	0.49%	0.043%
28	12.112	1571	1578	1587	rVB2	89748	161837	10.66%	0.924%
29	12.377	1619	1623	1629	rVB4	4803	8135	0.54%	0.046%
30	12.547	1646	1652	1661	rVV2	38689	70763	4.66%	0.404%
31	12.700	1674	1678	1683	rVB2	5427	8409	0.55%	0.048%
32	12.841	1696	1702	1712	rVB6	10555	31451	2.07%	0.180%
33	13.769	1855	1860	1863	rBV4	8279	11458	0.76%	0.065%
34	13.869	1871	1877	1882	rVB5	11086	18291	1.21%	0.104%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110415\
Data File : BG019476.D
Acq On : 4 Nov 2015 18:56
Operator : UM/NP
Sample : G4245-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY29

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	13.981	1889	1896	1898	rBV6	7283	10949	0.72%	0.063%
36	14.204	1928	1934	1940	rVB	493134	701327	46.21%	4.005%
37	14.363	1958	1961	1964	rBV2	10908	16949	1.12%	0.097%
38	14.398	1965	1967	1972	rVB2	14586	17107	1.13%	0.098%
39	14.504	1979	1985	1997	rVB	466950	759085	50.02%	4.335%
40	14.809	2030	2037	2043	rBV2	333293	531381	35.02%	3.035%
41	14.874	2043	2048	2056	rVB	278496	423786	27.93%	2.420%
42	14.991	2061	2068	2074	rBV2	49446	83549	5.51%	0.477%
43	15.115	2083	2089	2093	rBV2	11433	17598	1.16%	0.101%
44	15.197	2100	2103	2107	rVV3	4798	7676	0.51%	0.044%
45	15.408	2134	2139	2140	rBV	8140	10605	0.70%	0.061%
46	15.497	2152	2154	2160	rVB6	5717	7944	0.52%	0.045%
47	15.626	2173	2176	2181	rVB5	10783	15494	1.02%	0.088%
48	15.796	2199	2205	2210	rVV	659171	979847	64.57%	5.596%
49	15.855	2210	2215	2219	rVV	242203	367879	24.24%	2.101%
50	15.902	2219	2223	2230	rVB	269081	405801	26.74%	2.318%
51	15.978	2230	2236	2237	rBV4	8791	13170	0.87%	0.075%
52	16.008	2237	2241	2245	rBV2	18822	24310	1.60%	0.139%
53	16.102	2253	2257	2260	rBV4	8900	13649	0.90%	0.078%
54	16.143	2260	2264	2270	rVB4	51906	85513	5.63%	0.488%
55	16.249	2276	2282	2284	rBV2	26180	41531	2.74%	0.237%
56	16.284	2284	2288	2297	rVB3	68155	127609	8.41%	0.729%
57	16.390	2300	2306	2308	rBV3	8500	17014	1.12%	0.097%
58	16.490	2315	2323	2325	rBV6	11860	24159	1.59%	0.138%
59	16.519	2325	2328	2335	rVB4	18645	31005	2.04%	0.177%
60	16.636	2343	2348	2352	rBV6	6270	12305	0.81%	0.070%
61	16.742	2356	2366	2371	rBV6	25526	54910	3.62%	0.314%
62	16.824	2374	2380	2382	rBV4	17379	29510	1.94%	0.169%
63	16.895	2388	2392	2396	rBV4	9504	13038	0.86%	0.074%
64	17.001	2405	2410	2414	rBV4	11830	17462	1.15%	0.100%
65	17.071	2414	2422	2425	rBV8	9802	19334	1.27%	0.110%
66	17.171	2434	2439	2446	rBV3	21264	37462	2.47%	0.214%
67	17.259	2448	2454	2455	rBV4	8006	9728	0.64%	0.056%
68	17.365	2467	2472	2477	rVV2	69451	114265	7.53%	0.653%
69	17.424	2477	2482	2488	rVV	56855	97476	6.42%	0.557%
70	17.488	2489	2493	2497	rVV	54565	84788	5.59%	0.484%
71	17.547	2497	2503	2513	rVV2	499404	834156	54.97%	4.764%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110415\
Data File : BG019476.D
Acq On : 4 Nov 2015 18:56
Operator : UM/NP
Sample : G4245-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY29

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	17.647	2513	2520	2530	rVV	817091	1281774	84.46%	7.320%
73	17.729	2530	2534	2540	rVB4	21277	35854	2.36%	0.205%
74	17.859	2553	2556	2561	rBV4	13874	21502	1.42%	0.123%
75	17.947	2567	2571	2577	rBV3	27487	51557	3.40%	0.294%
76	18.047	2583	2588	2594	rVB2	38386	68417	4.51%	0.391%
77	18.182	2607	2611	2614	rVV4	10601	14092	0.93%	0.080%
78	18.240	2616	2621	2626	rVB4	35391	56855	3.75%	0.325%
79	18.293	2626	2630	2634	rBV4	30036	45591	3.00%	0.260%
80	18.340	2635	2638	2641	rBV4	11697	16117	1.06%	0.092%
81	18.464	2655	2659	2665	rBV2	36164	54166	3.57%	0.309%
82	18.616	2680	2685	2690	rBV3	32923	58634	3.86%	0.335%
83	18.752	2703	2708	2713	rVB5	33489	57822	3.81%	0.330%
84	18.851	2719	2725	2731	rVB2	35544	56627	3.73%	0.323%
85	19.004	2747	2751	2755	rBV5	8250	12546	0.83%	0.072%
86	19.233	2786	2790	2795	rVB8	7564	12527	0.83%	0.072%
87	19.298	2797	2801	2811	rVB9	20288	41220	2.72%	0.235%
88	19.557	2842	2845	2846	rBV2	8723	9947	0.66%	0.057%
89	19.586	2847	2850	2857	rVB	52231	76750	5.06%	0.438%
90	19.921	2901	2907	2918	rBV	989189	1508345	99.39%	8.614%
91	20.079	2930	2934	2938	rBV3	23751	31324	2.06%	0.179%
92	20.267	2958	2966	2968	rBV4	54443	120286	7.93%	0.687%
93	20.297	2968	2971	2981	rVB2	62783	129477	8.53%	0.739%
94	20.473	2999	3001	3005	rBV3	10223	11836	0.78%	0.068%
95	20.855	3063	3066	3068	rBV3	9722	11528	0.76%	0.066%
96	21.031	3092	3096	3105	rVB4	45399	103005	6.79%	0.588%
97	21.830	3225	3232	3240	rVB	609524	1037419	68.36%	5.925%
98	22.465	3337	3340	3347	rVB	32211	55750	3.67%	0.318%
99	24.944	3751	3762	3773	rBV2	525787	1517578	100.00%	8.667%
100	25.179	3793	3802	3813	rVB2	331726	934468	61.58%	5.337%

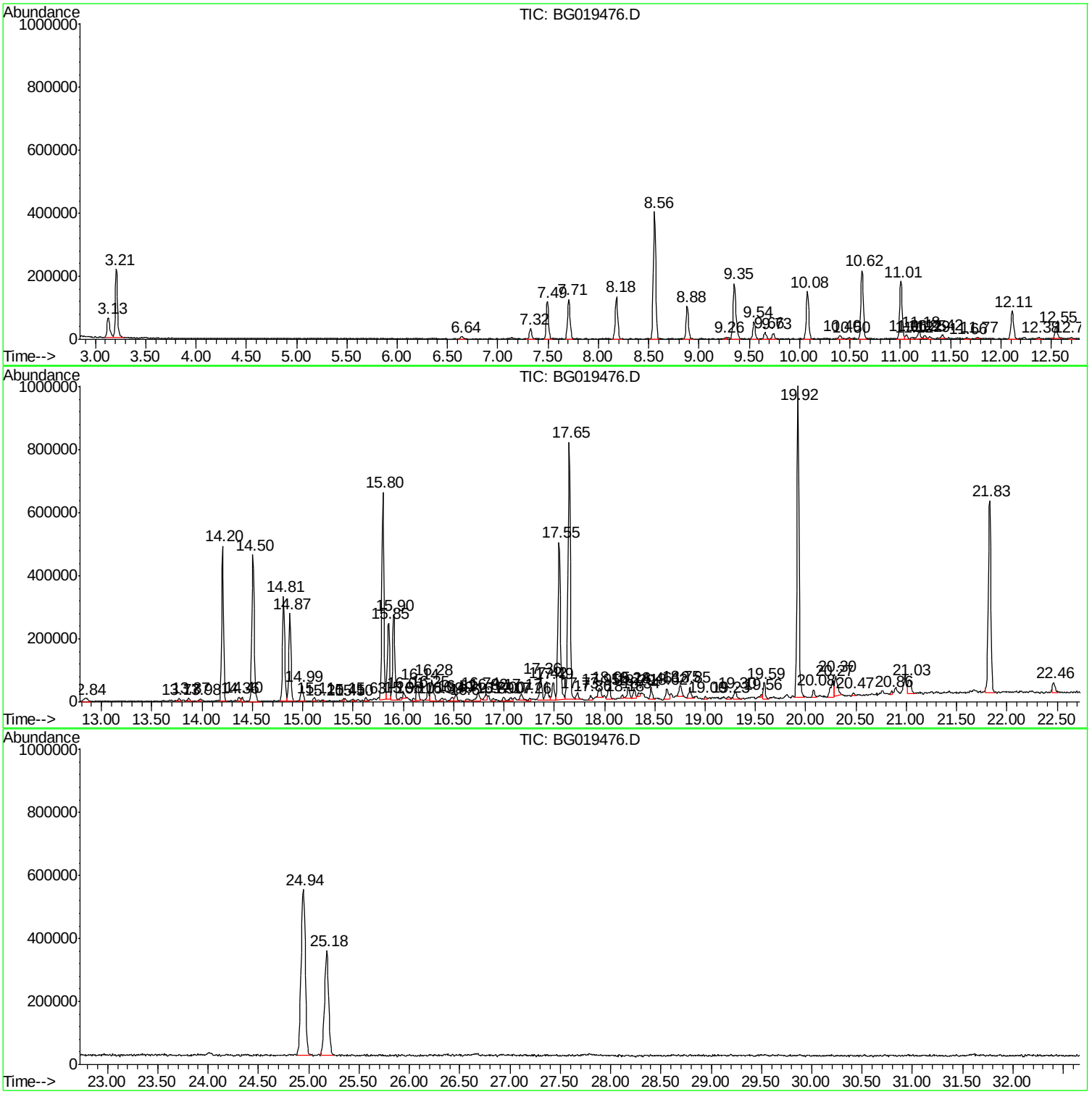
Sum of corrected areas: 17509490

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110415\
Data File : BG019476.D
Acq On : 4 Nov 2015 18:56
Operator : UM/NP
Sample : G4245-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCY29

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110415\
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Operator : UM/NP
Sample : G4245-02
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

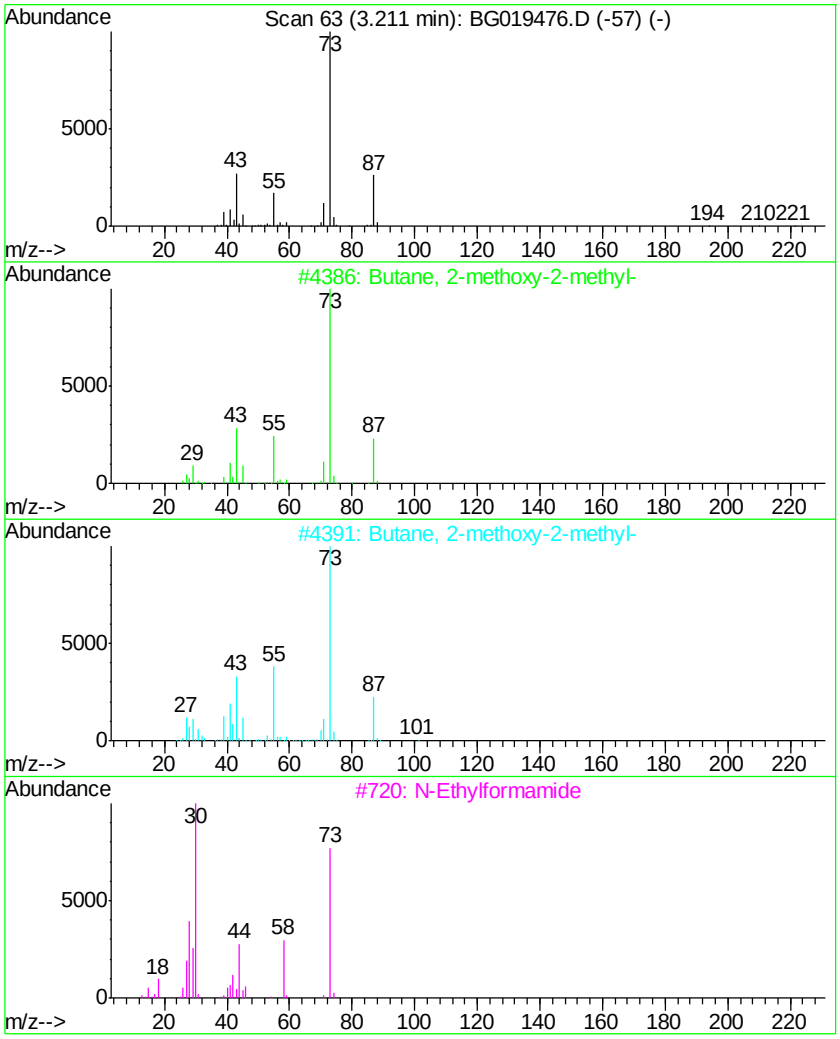
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

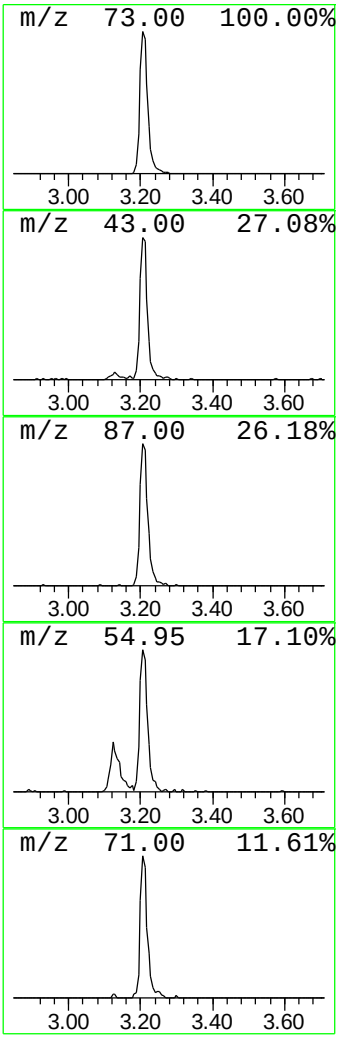
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	29.53 ng/ul	331171	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	86
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	39
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9
5	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110415\
Data File : BG019476.D
Acq On : 4 Nov 2015 18:56
Operator : UM/NP
Sample : G4245-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY29

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

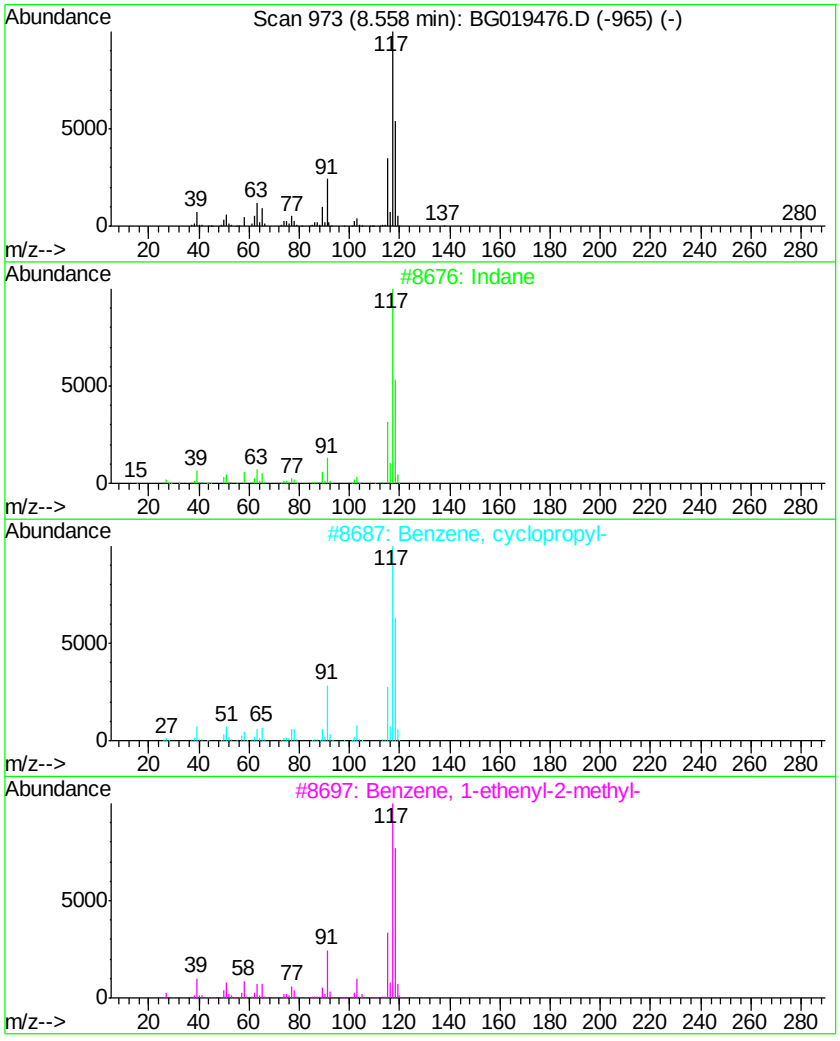
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

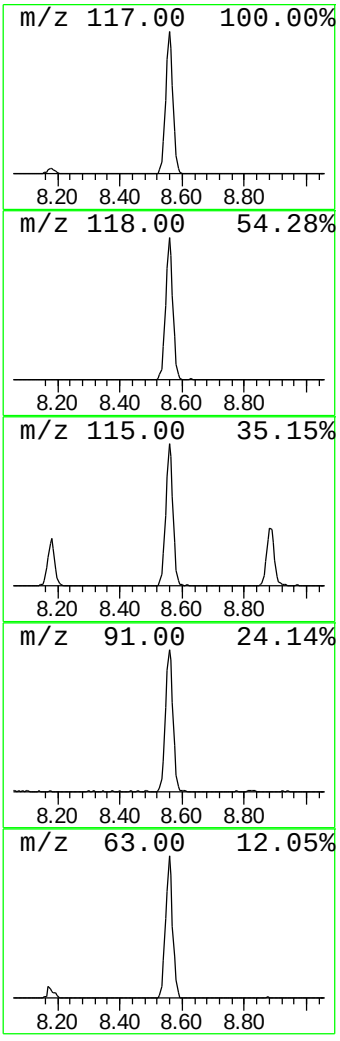
****

Peak Number 3 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	59.33 ng/ul	665495	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	76
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
5	Indane	118	C9H10	000496-11-7	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110415\
Data File : BG019476.D
Acq On : 4 Nov 2015 18:56
Operator : UM/NP
Sample : G4245-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY29

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

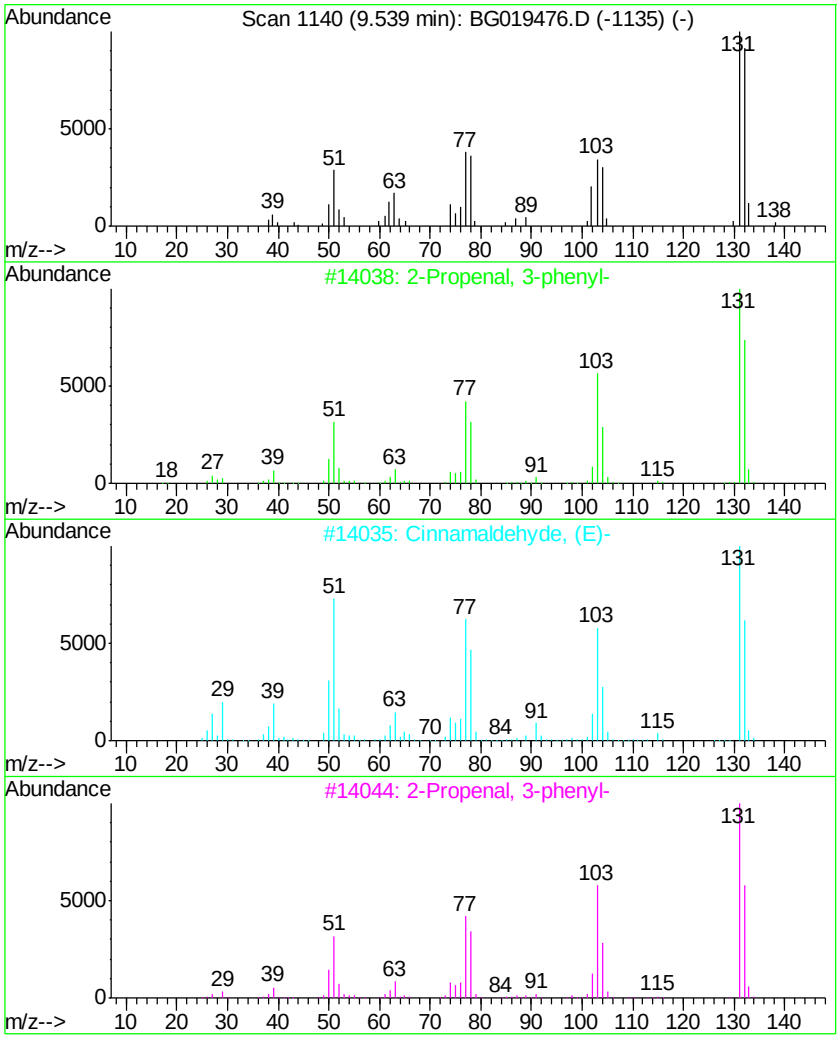
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

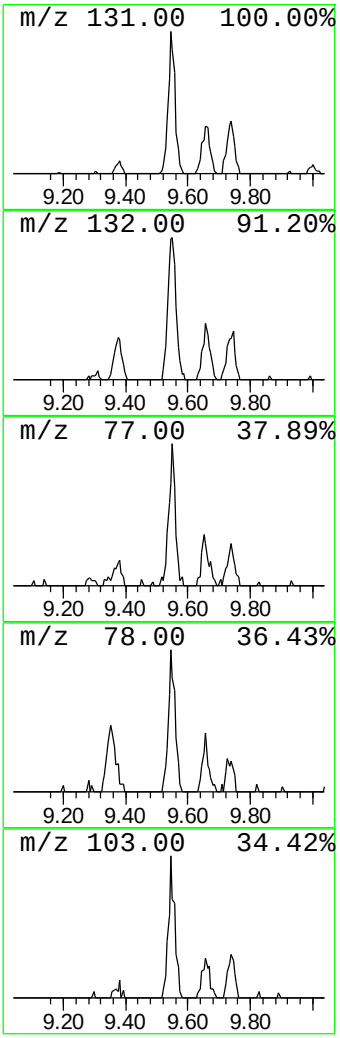
****

Peak Number 4 2-Propenal, 3-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	8.45 ng/ul	94763	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91
2	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110415\
Data File : BG019476.D
Acq On : 4 Nov 2015 18:56
Operator : UM/NP
Sample : G4245-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY29

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

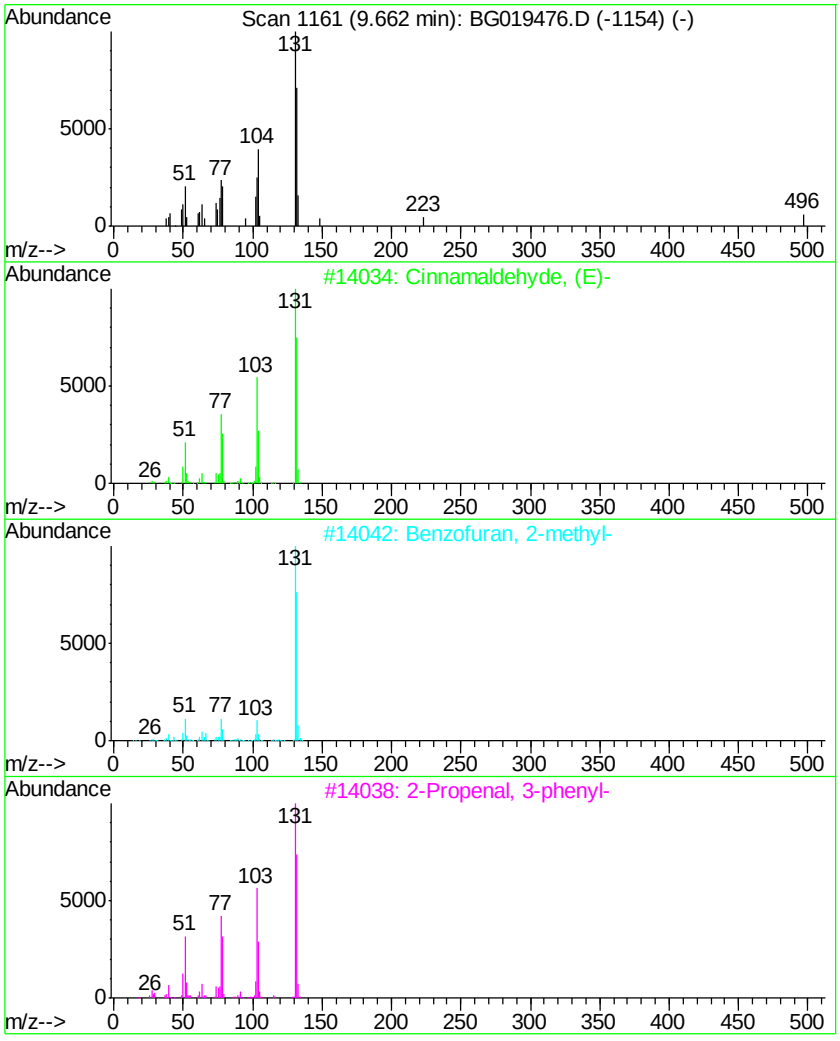
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

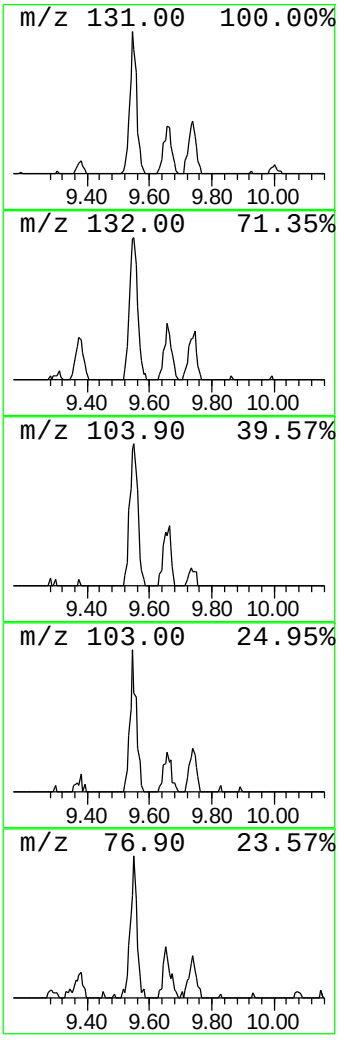
****

Peak Number 5 Cinnamaldehyde, (E)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	2.15 ng/ul	35226	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	76
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	76
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	76
4	1H-Indenol	132	C9H8O	056631-57-3	70
5	Benzopyrimidine, 3,4-dihydro-	132	C8H8N2	001904-64-9	70





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110415\
Data File : BG019476.D
Acq On : 4 Nov 2015 18:56
Operator : UM/NP
Sample : G4245-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY29

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

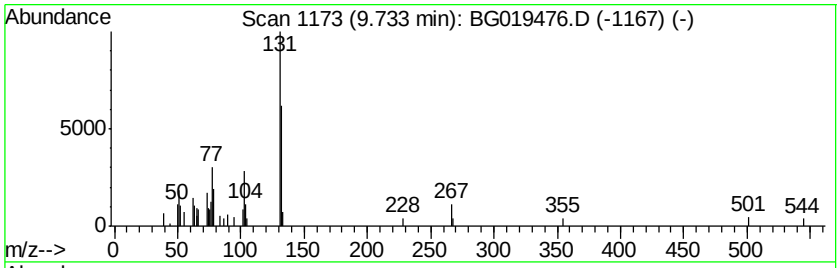
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

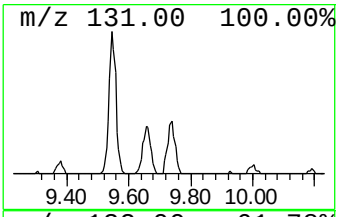
****

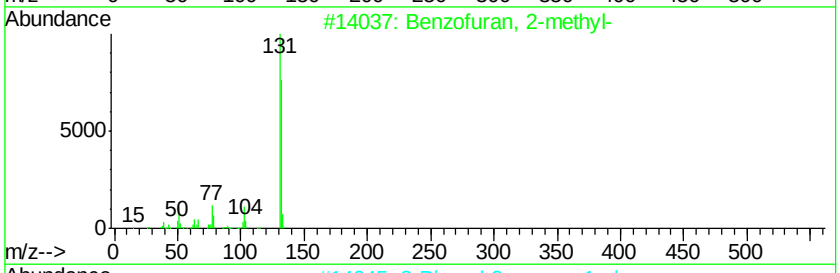
Peak Number 6 Benzofuran, 2-methyl- Concentration Rank 16

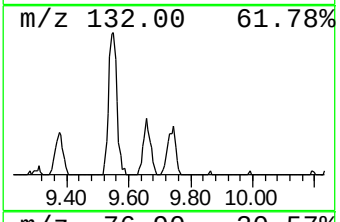
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	2.01 ng/ul	32890	Naphthalene-d8	11.01

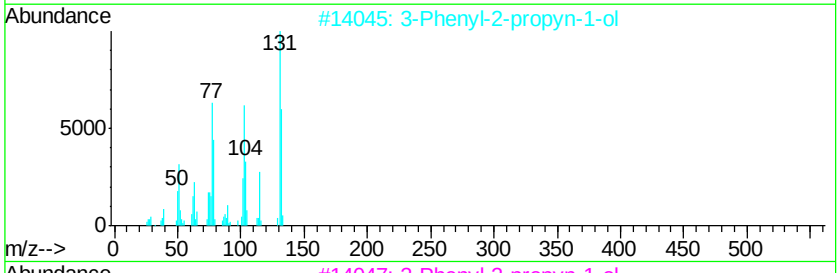
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	70
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	58
4	Benzylidenemalonaldehyde	160	C10H8O2	082700-43-4	53
5	Benzopyrimidine, 3,4-dihydro-	132	C8H8N2	001904-64-9	49

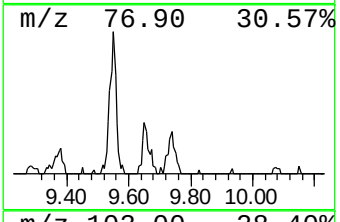


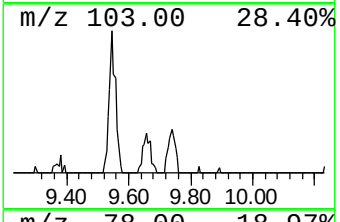


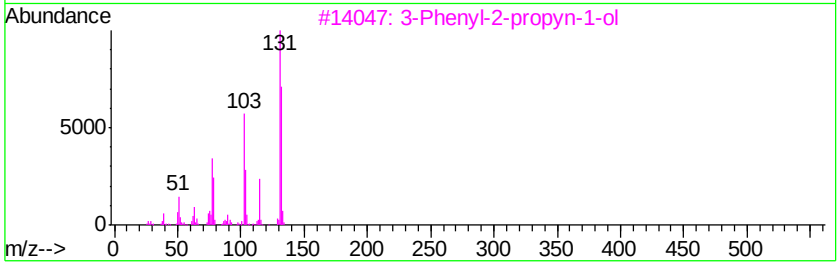


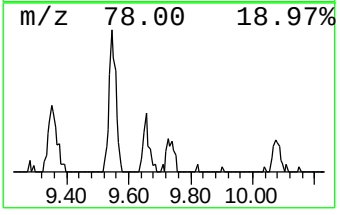












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Data File : BG019476.D
Acq On : 4 Nov 2015 18:56
Operator : UM/NP
Sample : G4245-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY29

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

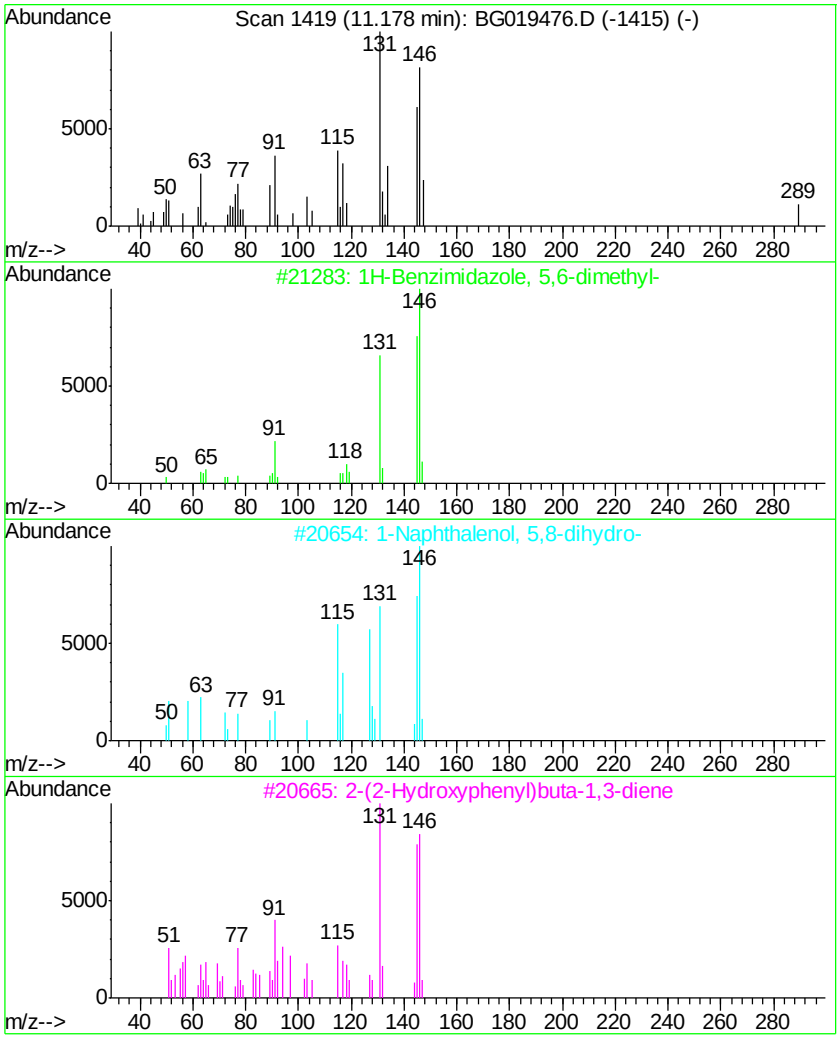
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

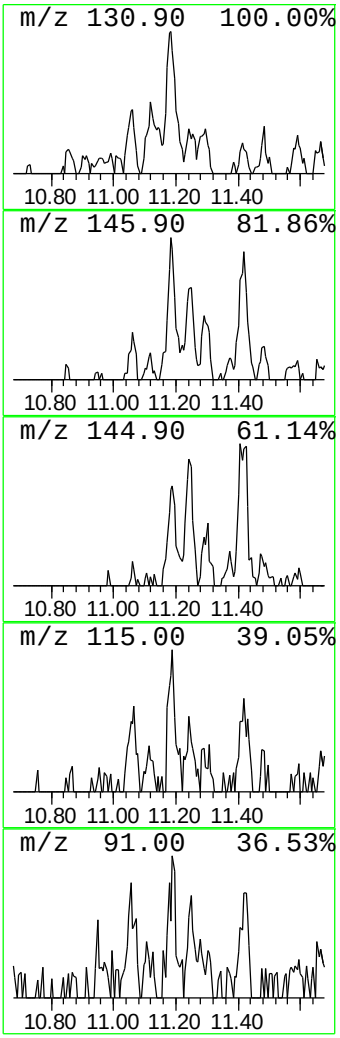
****

Peak Number 7 1H-Benzimidazole, 5,6-dimet... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	2.71 ng/ul	44374	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	58
2	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	58
3	2-(2-Hydroxyphenyl)buta-1,3-diene	146	C10H10O	038865-47-3	53
4	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	52
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	49





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Sample : G4245-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY29

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Quant Title : SVOA CALIBRATION

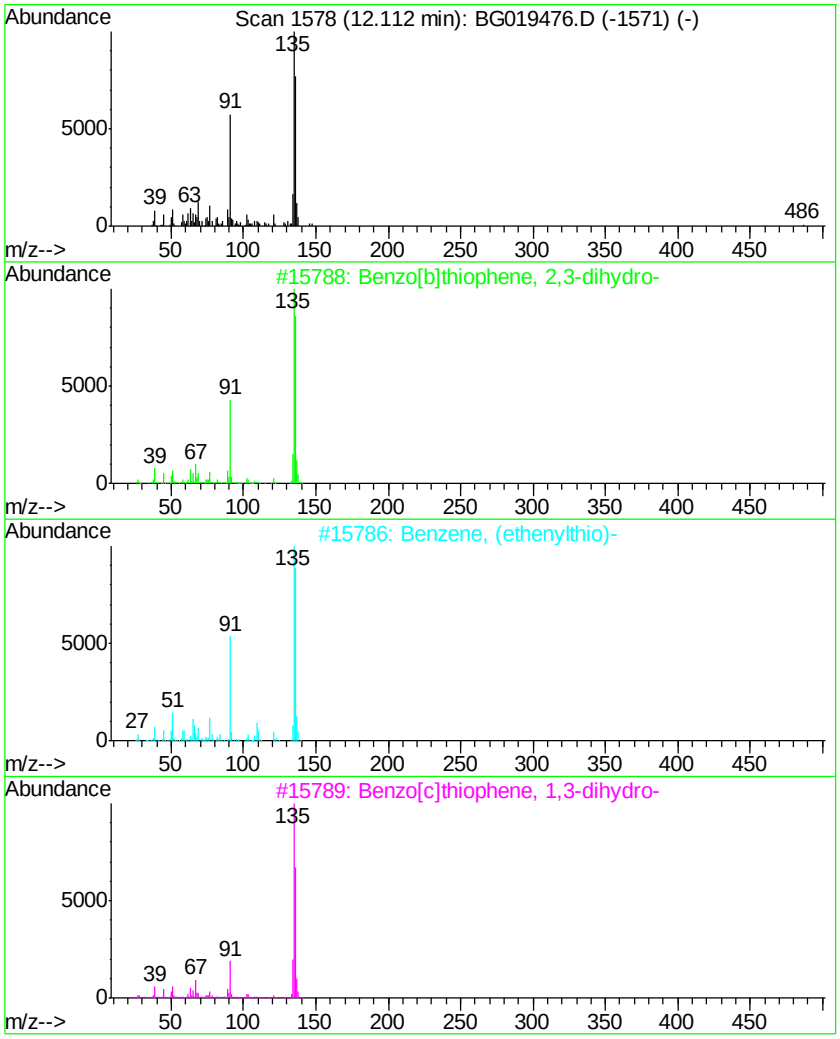
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

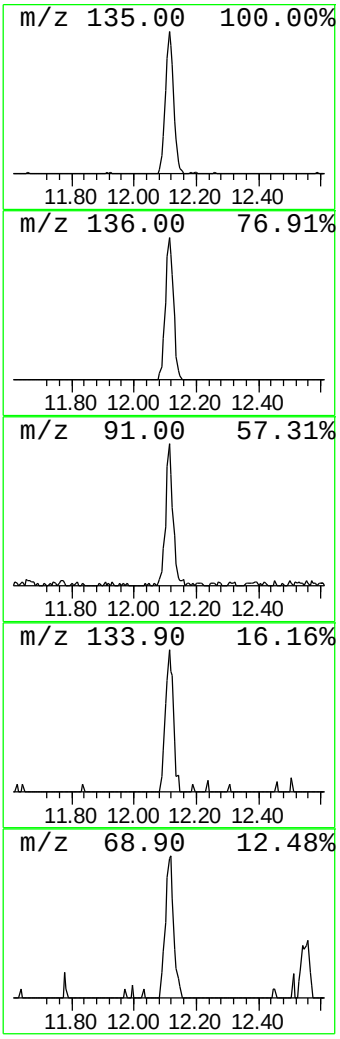
****

Peak Number 8 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	9.89 ng/ul	161837	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	95
2	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	91
3	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	86
4	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	86
5	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	76





Library Search Compound Report

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Sample : G4245-02
Misc :
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Instrument : BNA_G
ClientSampleId : BCY29

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Quant Title : SVOA CALIBRATION

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

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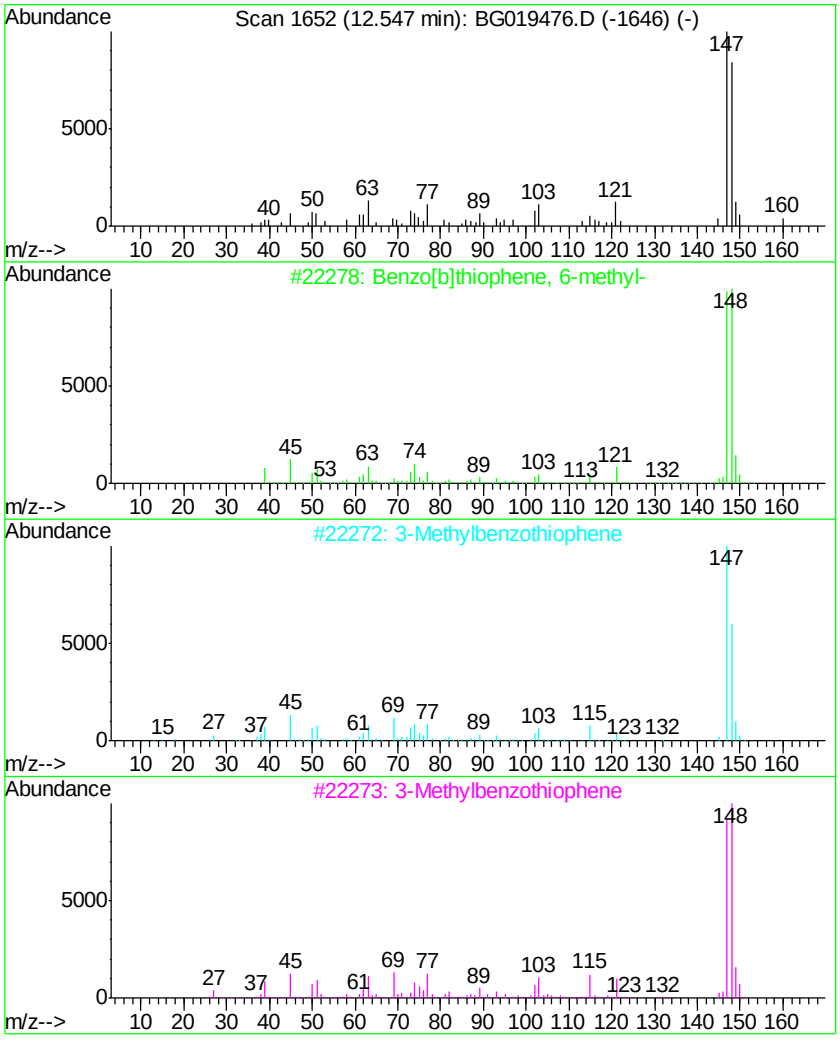
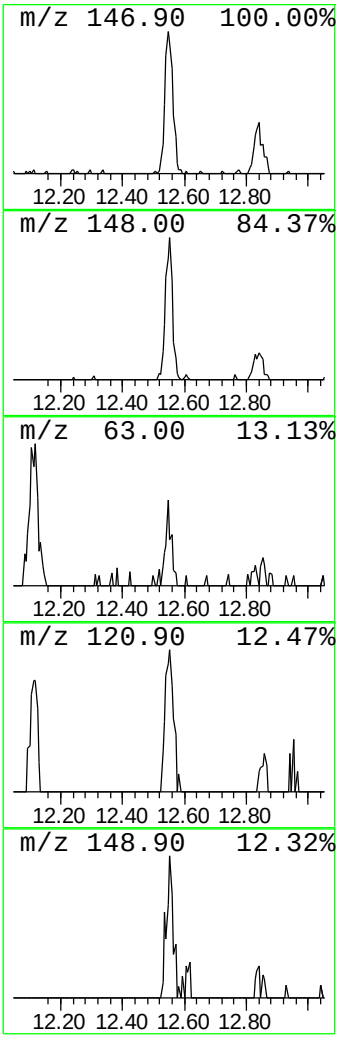
Peak Number 9 Benzo[b]thiophene, 6-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	4.33 ng/ul	70763	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	91
2	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	89
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	87
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	86





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Instrument : BNA_G
ClientSampleId : BCY29

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Quant Title : SVOA CALIBRATION

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

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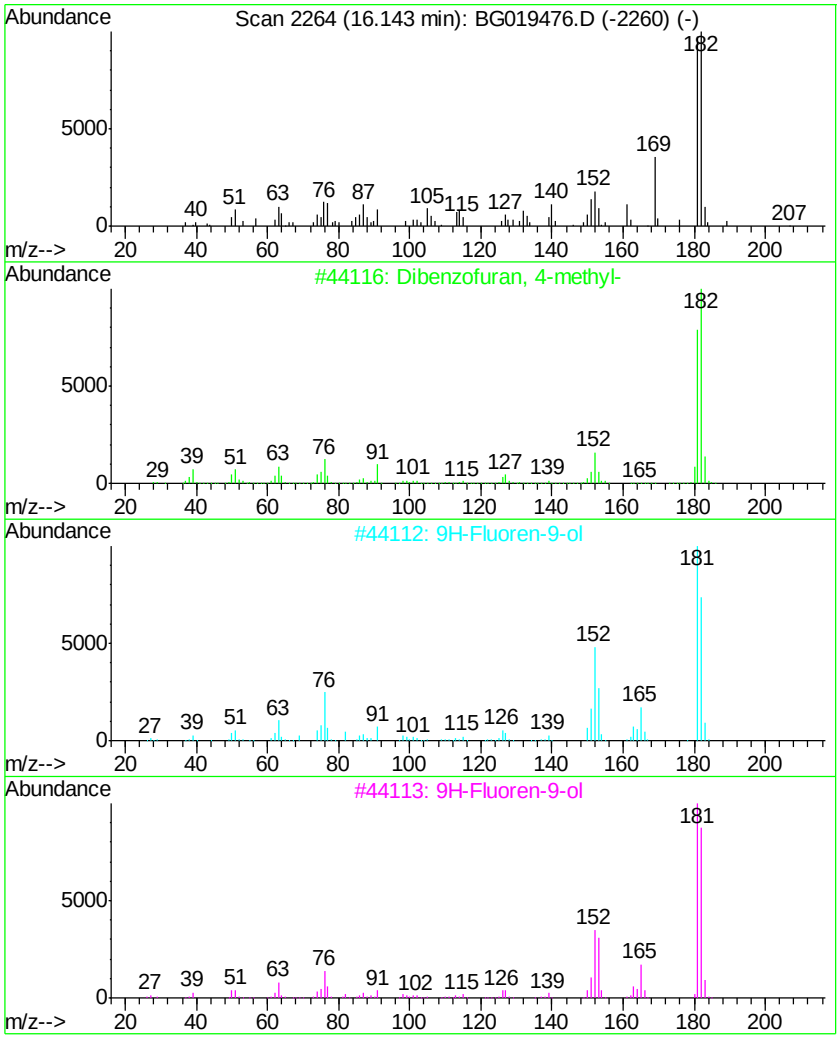
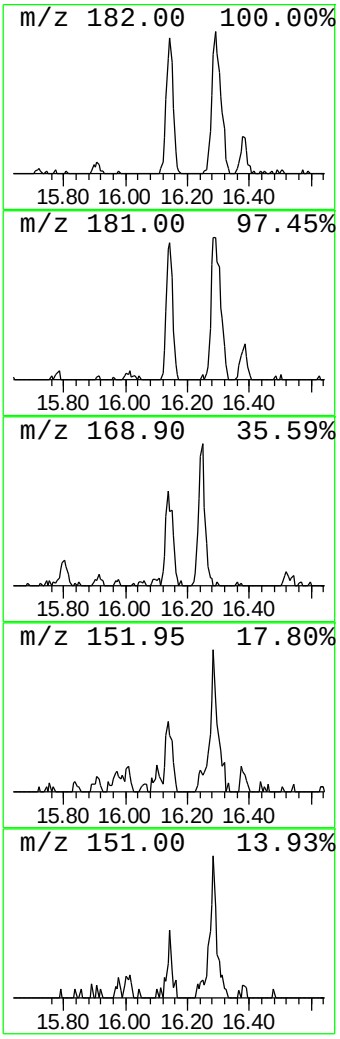
Peak Number 10 Dibenzofuran, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	3.22 ng/ul	85513	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	62
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	59
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	58





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY29

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Quant Title : SVOA CALIBRATION

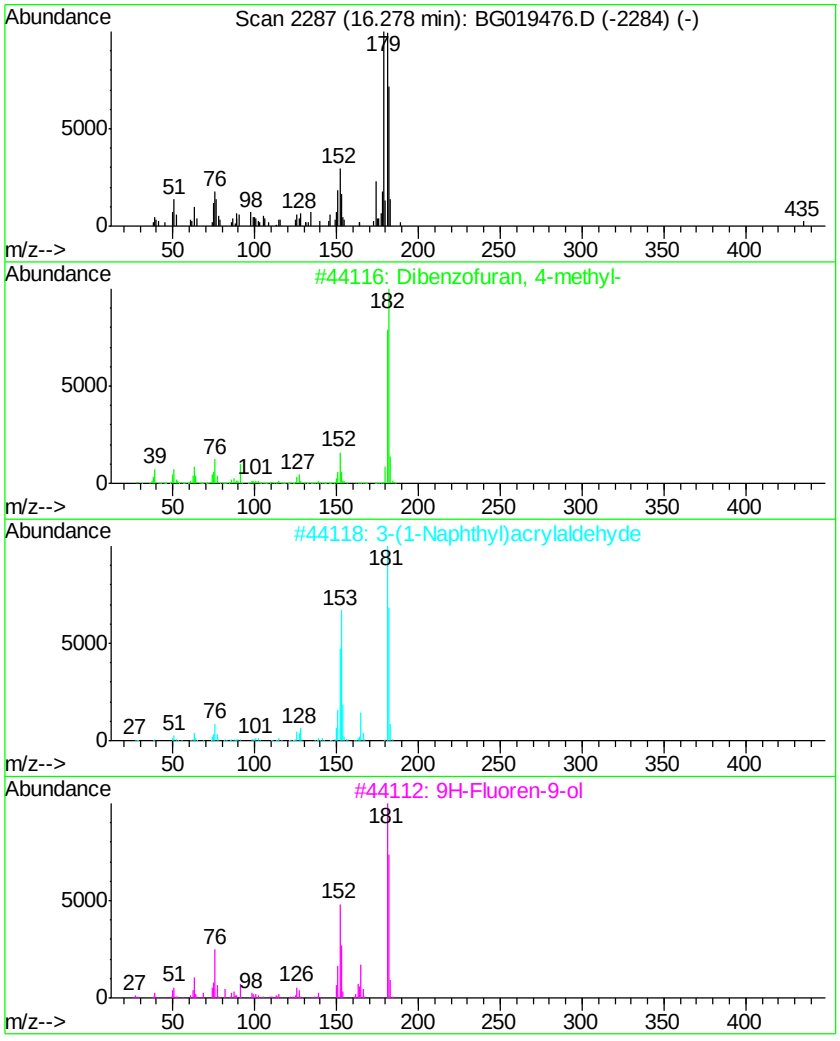
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

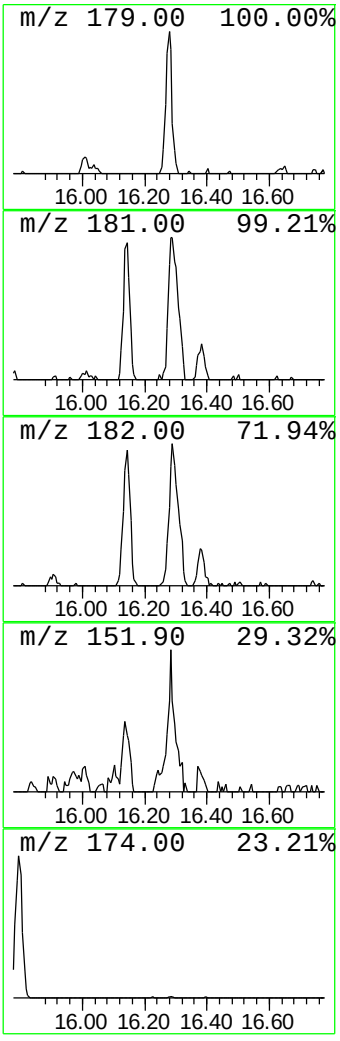
****

Peak Number 11 3-(1-Naphthyl)acrylaldehyde Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	3.06 ng/ul	127609	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76
2	3-(1-Naphthyl)acrylaldehyde	182	C13H10O	001504-73-0	70
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	62
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	62
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	62





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Sample : G4245-02
Misc :
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Instrument : BNA_G
ClientSampleId : BCY29

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Quant Title : SVOA CALIBRATION

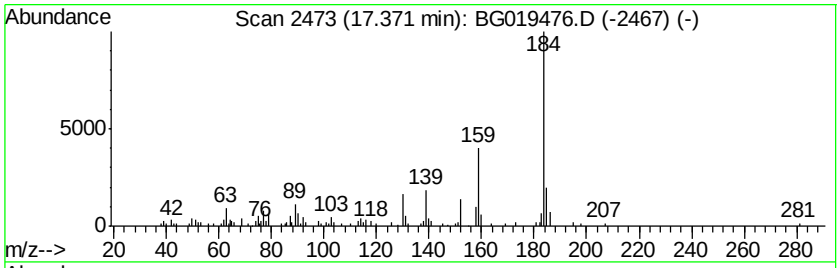
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

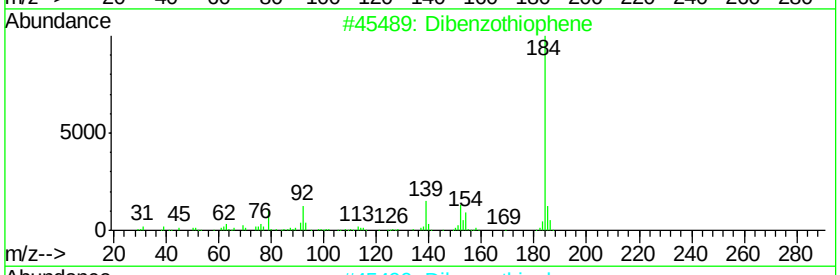
****

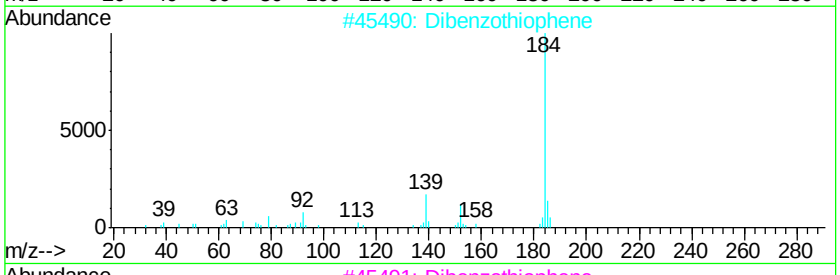
Peak Number 12 Dibenzothiophene Concentration Rank 9

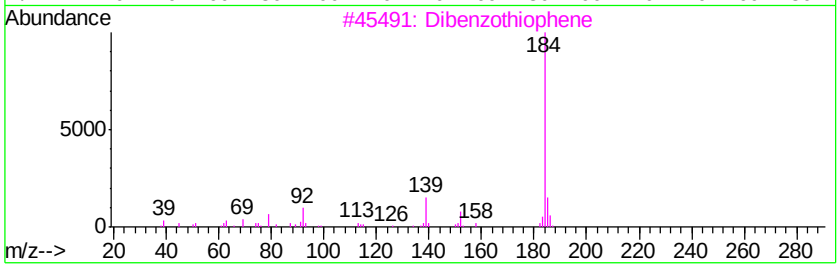
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	2.74 ng/ul	114265	Phenanthrene-d10	17.55

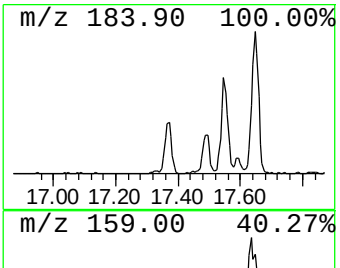
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	55
2	Dibenzothiophene	184	C12H8S	000132-65-0	49
3	Dibenzothiophene	184	C12H8S	000132-65-0	49
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	49
5	Dibenzothiophene	184	C12H8S	000132-65-0	49

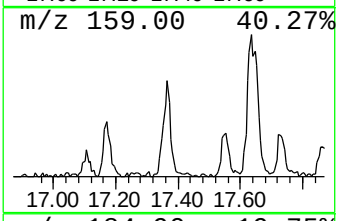


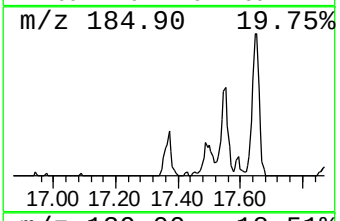


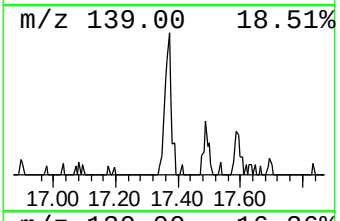


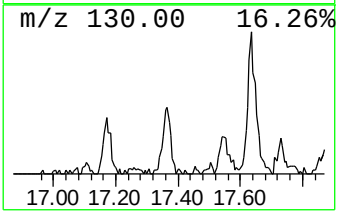












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Acq On : 4 Nov 2015 18:56
Operator : UM/NP
Sample : G4245-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY29

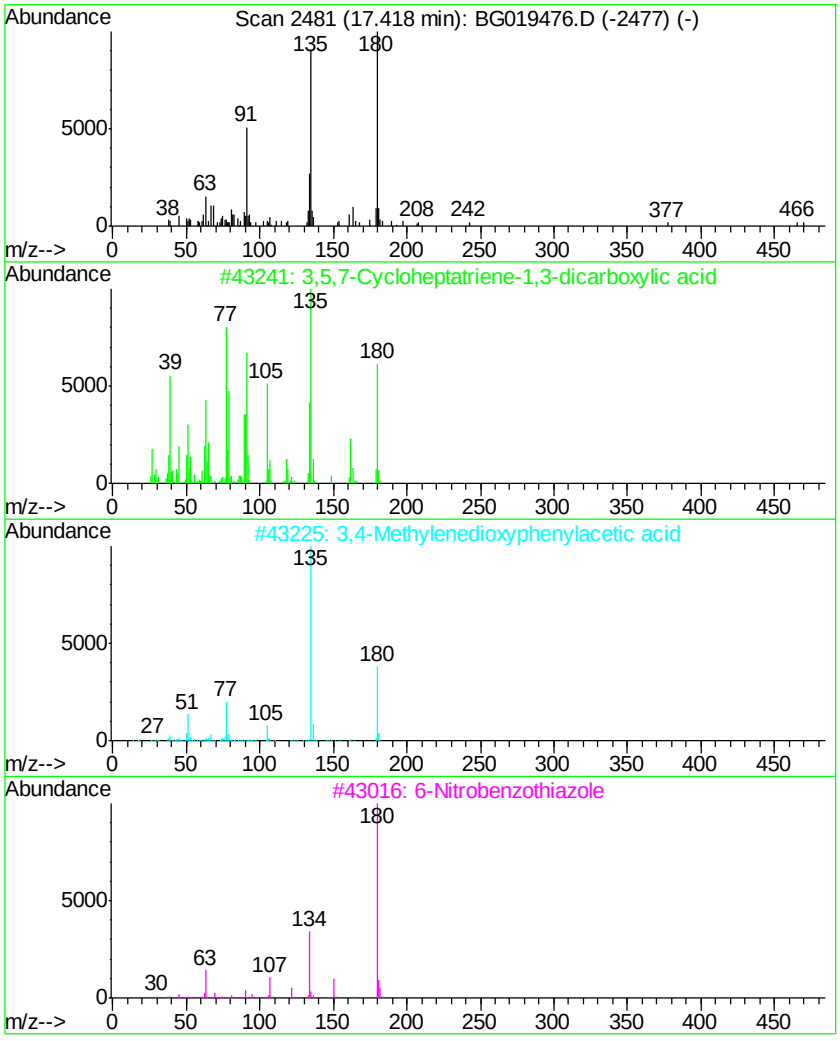
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

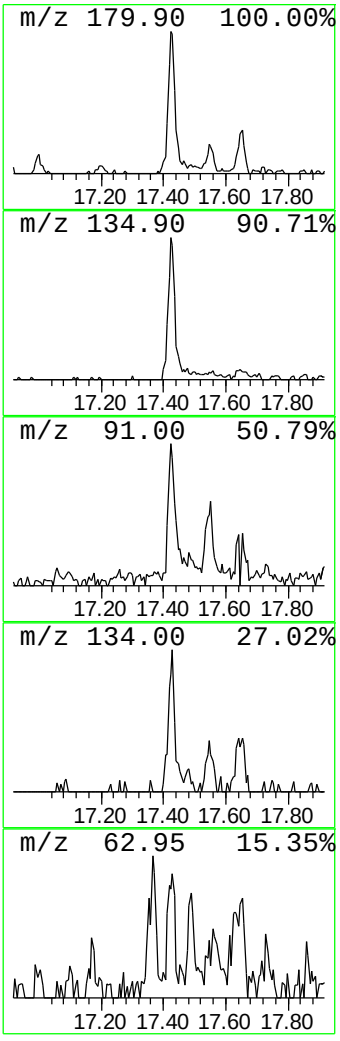
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 3,5,7-Cycloheptatriene-1,3-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	2.34 ng/ul	97476	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5,7-Cycloheptatriene-1,3-dicar...	180	C9H8O4	073875-01-1	50
2	3,4-Methylenedioxyphenylacetic acid	180	C9H8O4	002861-28-1	45
3	6-Nitrobenzothiazole	180	C7H4N2O2S	002942-06-5	38
4	4,5-Dihydrobenzo[1,2-c:3,4-c']-b...	180	C6H4N4O3	142328-20-9	30
5	Benzene, 1-isothiocyanato-3-nitro-	180	C7H4N2O2S	003529-82-6	27





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Quant Title : SVOA CALIBRATION

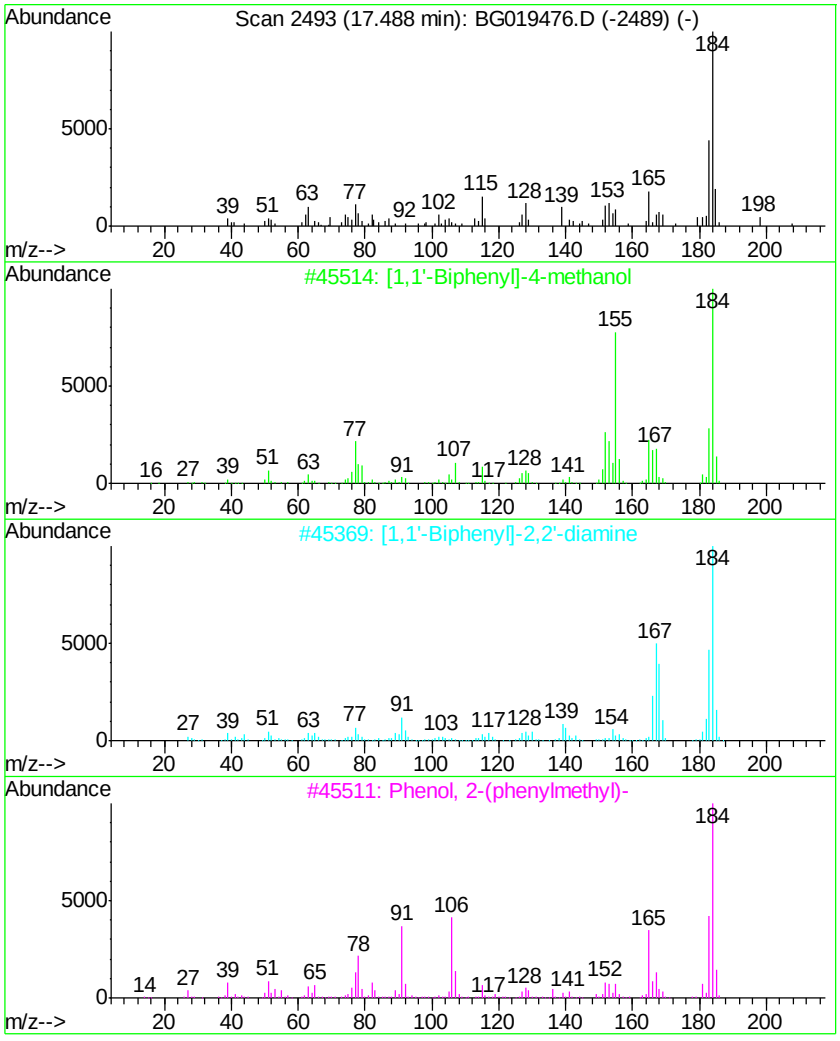
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

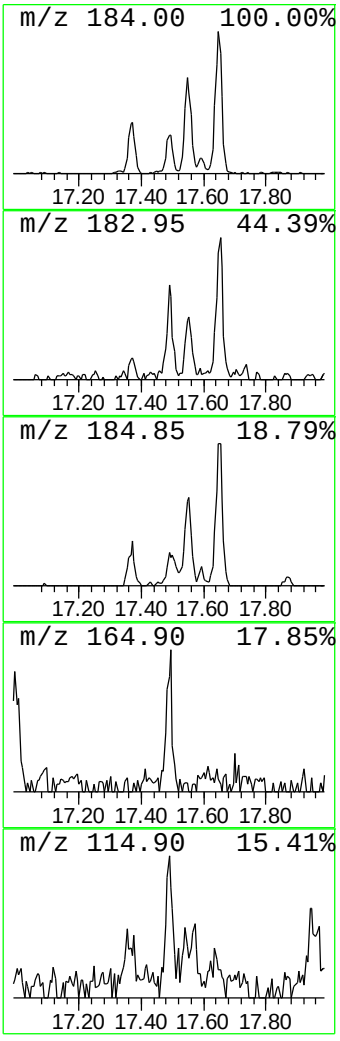
****

Peak Number 14 [1,1'-Biphenyl]-4-methanol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	2.03 ng/ul	84788	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-methanol	184	C13H12O	003597-91-9	76
2	[1,1'-Biphenyl]-2,2'-diamine	184	C12H12N2	001454-80-4	74
3	Phenol, 2-(phenylmethyl)-	184	C13H12O	028994-41-4	72
4	4-Cyclohepta-2,4,6-trienyl-phenol	184	C13H12O	091902-42-0	72
5	[1,1'-Biphenyl]-2,2'-diamine	184	C12H12N2	001454-80-4	64





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Sample : G4245-02
Misc :
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Instrument : BNA_G
ClientSampleId : BCY29

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Quant Title : SVOA CALIBRATION

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

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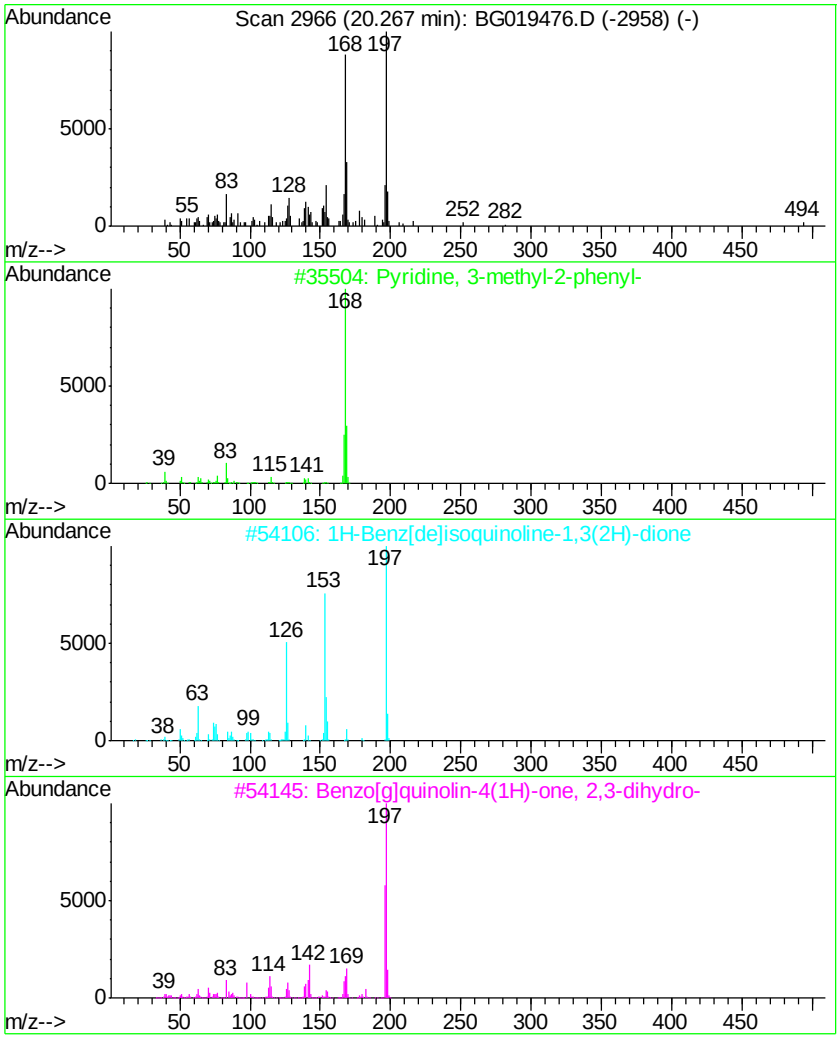
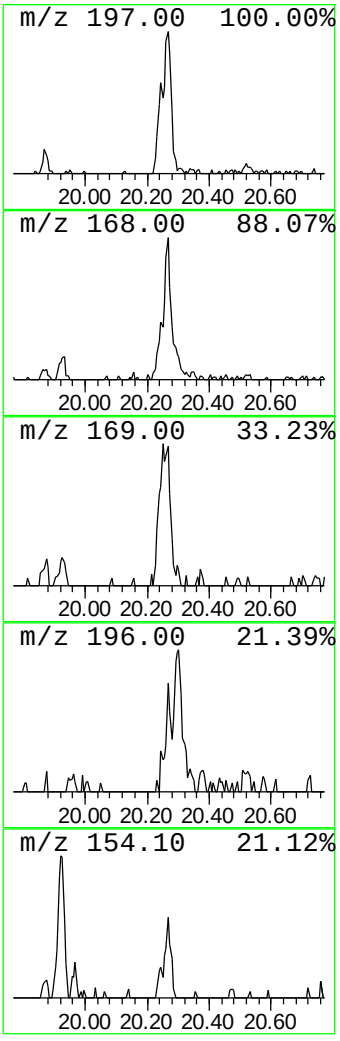
Peak Number 15 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.27	2.32 ng/ul	120286	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 3-methyl-2-phenyl-	169	C12H11N	010273-90-2	42
2	1H-Benz[de]isoquinoline-1,3(2H)-...	197	C12H7NO2	000081-83-4	41
3	Benzo[g]quinolin-4(1H)-one, 2,3-...	197	C13H11NO	021516-07-4	38
4	4-Hydrazono-5-hydroxyimino-4,5,6...	197	C6H7N5O3	303194-86-7	38
5	Naphthalene, 1,6-diacetyl-	212	C14H12O2	010060-34-1	38





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Data File : BG019476.D
Acq On : 4 Nov 2015 18:56
Operator : UM/NP
Sample : G4245-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY29

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

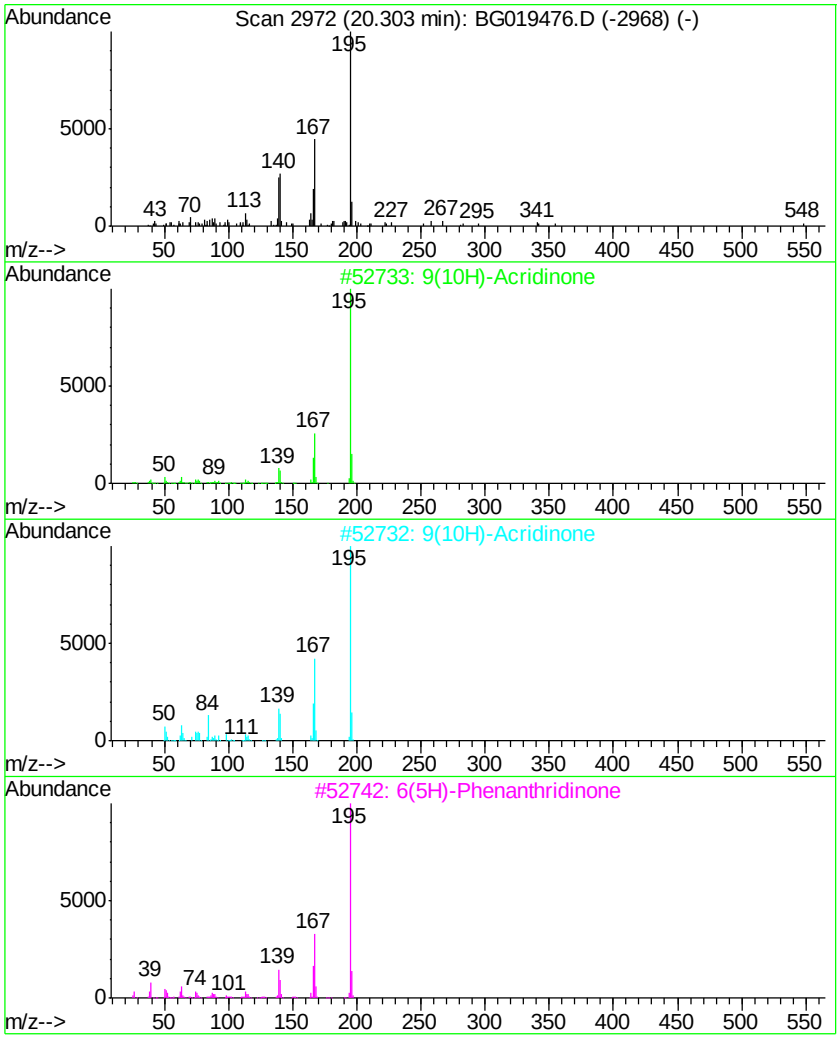
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

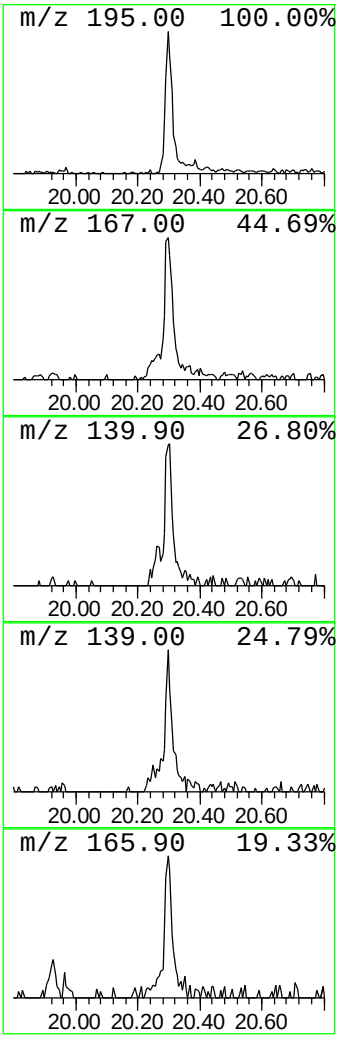
****

Peak Number 16 9(10H)-Acridinone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	2.50 ng/ul	129477	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9(10H)-Acridinone	195	C13H9NO	000578-95-0	80
2	9(10H)-Acridinone	195	C13H9NO	000578-95-0	74
3	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	74
4	Dibenz[b,f][1,4]oxazepine	195	C13H9NO	000257-07-8	72
5	Benzoic acid, 2-(phenylamino)-	213	C13H11NO2	000091-40-7	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110415\
Data File : BG019476.D
Acq On : 4 Nov 2015 18:56
Operator : UM/NP
Sample : G4245-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY29

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	29.5	ng/ul	331171	1	8.18	224325	20.0
Indane	8.56	59.3	ng/ul	665495	1	8.18	224325	20.0
2-Propenal, 3-phe...	9.54	8.4	ng/ul	94763	1	8.18	224325	20.0
Cinnamaldehyde, (E)-	9.66	2.1	ng/ul	35226	2	11.01	327113	20.0
Benzofuran, 2-met...	9.73	2.0	ng/ul	32890	2	11.01	327113	20.0
1H-Benzimidazole,...	11.18	2.7	ng/ul	44374	2	11.01	327113	20.0
Benzo[b]thiophene...	12.11	9.9	ng/ul	161837	2	11.01	327113	20.0
Benzo[b]thiophene...	12.55	4.3	ng/ul	70763	2	11.01	327113	20.0
Dibenzofuran, 4-m...	16.14	3.2	ng/ul	85513	3	14.81	531381	20.0
3-(1-Naphthyl)acr...	16.28	3.1	ng/ul	127609	4	17.55	834156	20.0
Dibenzothiophene	17.37	2.7	ng/ul	114265	4	17.55	834156	20.0
3,5,7-Cycloheptat...	17.42	2.3	ng/ul	97476	4	17.55	834156	20.0
[1,1'-Biphenyl]-4...	17.49	2.0	ng/ul	84788	4	17.55	834156	20.0
unknown-01	20.27	2.3	ng/ul	120286	5	21.83	1037420	20.0
9(10H)-Acridinone	20.30	2.5	ng/ul	129477	5	21.83	1037420	20.0