LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
Data File : BG019534.D
Acq On : 9 Nov 2015 15:53
Operator : UM/NP
Sample : G4245-17DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY52DL

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	3.113	40	47	56	rVV7	29045	76854	0.42%	0.132%
2	3.195	57	61	71	rVB	44753	78620	0.43%	0.135%
3	5.634	469	476	484	rBV	189440	289146	1.57%	0.496%
4	5.769	491	499	500	rBV	116810	160440	0.87%	0.275%
5	6.151	555	564	571	rVB	157776	277587	1.50%	0.476%
6	7.244	742	750	755	rBV2	62237	98862	0.54%	0.170%
7	7.302	755	760	767	rVB	56926	94583	0.51%	0.162%
8	7.379	767	773	782	rVB	126207	193002	1.04%	0.331%
9	7.814	840	847	854	rVV	276051	461445	2.50%	0.792%
10	7.890	854	860	869	rVB	242979	411134	2.23%	0.705%
11	8.172	902	908	919	rVB	124702	226449	1.23%	0.388%
12	8.284	919	927	934	rBV	82380	149308	0.81%	0.256%
13	8.554	965	973	981	rBV	1061136	1787473	9.68%	3.067%
14	8.718	994	1001	1009	rVV	984678	1677122	9.08%	2.877%
15	9.282	1088	1097	1103	rVV2	44250	83117	0.45%	0.143%
16	9.365	1103	1111	1117	rVV2	77727	183486	0.99%	0.315%
17	9.541	1135	1141	1148	rBV	100656	168080	0.91%	0.288%
18	9.664	1148	1162	1168	rVV	222232	494175	2.68%	0.848%
19	9.729	1168	1173	1180	rVV2	57222	96256	0.52%	0.165%
20	10.240	1255	1260	1271	rVB	103274	179326	0.97%	0.308%
21	10.393	1279	1286	1296	rBV4	192743	503675	2.73%	0.864%
22	10.493	1296	1303	1307	rVV3	89007	185559	1.00%	0.318%
23	10.528	1307	1309	1318	rVV3	41960	74321	0.40%	0.128%
24	10.622	1319	1325	1332	rVB4	49084	90878	0.49%	0.156%
25	11.080	1380	1403	1410	rVV	7928962	18472046	100.00%	31.690%
26	11.180	1410	1420	1427	rVV	937373	1705409	9.23%	2.926%
27	11.409	1454	1459	1466	rVB3	38064	75551	0.41%	0.130%
28	12.109	1572	1578	1586	rVV4	56204	119497	0.65%	0.205%
29	12.373	1618	1623	1629	rVB4	53096	91790	0.50%	0.157%
30	12.543	1647	1652	1660	rVB	73525	132525	0.72%	0.227%
31	12.649	1664	1670	1676	rVV	490069	769449	4.17%	1.320%
32	12.767	1682	1690	1696	rBV3	54778	99455	0.54%	0.171%
33	12.867	1696	1707	1715	rVB	1254421	2127940	11.52%	3.651%
34	13.642	1832	1839	1846	rVB	407828	648211	3.51%	1.112%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
Data File : BG019534.D
Acq On : 9 Nov 2015 15:53
Operator : UM/NP
Sample : G4245-17DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY52DL

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	13.836	1867	1872	1883	rVB	84651	181933	0.98%	0.312%
36	13.971	1883	1895	1896	rBV3	134077	254597	1.38%	0.437%
37	14.124	1914	1921	1927	rBV	220439	418942	2.27%	0.719%
38	14.194	1927	1933	1939	rVB3	142384	342882	1.86%	0.588%
39	14.365	1956	1962	1965	rBV	90590	146733	0.79%	0.252%
40	14.506	1977	1986	1989	rBV	119756	267099	1.45%	0.458%
41	14.770	2027	2031	2033	rVV2	77239	106883	0.58%	0.183%
42	14.805	2033	2037	2042	rVV2	322909	497742	2.69%	0.854%
43	14.870	2042	2048	2054	rVB	1357761	2083159	11.28%	3.574%
44	14.935	2054	2059	2062	rBV	98654	145729	0.79%	0.250%
45	14.982	2062	2067	2077	rVB	261145	432461	2.34%	0.742%
46	15.076	2077	2083	2088	rBV2	141072	261851	1.42%	0.449%
47	15.205	2098	2105	2111	rVV	941499	1501233	8.13%	2.575%
48	15.275	2111	2117	2126	rVB	140508	232447	1.26%	0.399%
49	15.792	2200	2205	2209	rVV	144584	207056	1.12%	0.355%
50	15.851	2209	2215	2220	rVB2	795025	1225724	6.64%	2.103%
51	15.975	2228	2236	2245	rVV2	234650	610801	3.31%	1.048%
52	16.063	2245	2251	2260	rVV6	103439	289037	1.56%	0.496%
53	16.139	2260	2264	2268	rVB2	66293	88089	0.48%	0.151%
54	16.221	2273	2278	2281	rBV2	55678	97169	0.53%	0.167%
55	16.521	2318	2329	2336	rBV2	186562	348255	1.89%	0.597%
56	16.633	2343	2348	2356	rBV5	45782	109429	0.59%	0.188%
57	16.721	2356	2363	2366	rVV	132890	250798	1.36%	0.430%
58	16.756	2366	2369	2372	rVV2	97917	155767	0.84%	0.267%
59	16.791	2372	2375	2380	rVV	183452	286362	1.55%	0.491%
60	16.844	2380	2384	2388	rVV5	65174	133591	0.72%	0.229%
61	16.897	2388	2393	2399	rVV	89371	175165	0.95%	0.301%
62	17.026	2406	2415	2423	rVV8	66332	205306	1.11%	0.352%
63	17.326	2461	2466	2469	rVV	152738	288109	1.56%	0.494%
64	17.361	2469	2472	2479	rVV2	187098	292942	1.59%	0.503%
65	17.432	2479	2484	2486	rVV2	59154	98315	0.53%	0.169%
66	17.455	2486	2488	2491	rVV3	60634	83177	0.45%	0.143%
67	17.485	2491	2493	2497	rVV	66918	92870	0.50%	0.159%
68	17.549	2497	2504	2507	rVV	511822	885856	4.80%	1.520%
69	17.590	2507	2511	2516	rVV	1079937	1631407	8.83%	2.799%
70	17.643	2516	2520	2523	rVV2	196644	322142	1.74%	0.553%
71	17.679	2523	2526	2532	rVV	99503	165244	0.89%	0.283%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
Data File : BG019534.D
Acq On : 9 Nov 2015 15:53
Operator : UM/NP
Sample : G4245-17DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY52DL

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	17.743	2532	2537	2544	rVB5	72125	143703	0.78%	0.247%
73	17.867	2553	2558	2560	rBV	51846	77511	0.42%	0.133%
74	17.908	2560	2565	2567	rVV	138164	209417	1.13%	0.359%
75	17.949	2567	2572	2580	rVV	1281717	1967002	10.65%	3.375%
76	18.037	2580	2587	2594	rVV3	245791	558498	3.02%	0.958%
77	18.102	2594	2598	2605	rVB	301940	444420	2.41%	0.762%
78	18.184	2605	2612	2618	rBV2	123499	269915	1.46%	0.463%
79	18.295	2625	2631	2635	rBV3	89775	163941	0.89%	0.281%
80	18.378	2641	2645	2650	rVB	143745	212462	1.15%	0.364%
81	18.460	2655	2659	2667	rVB2	319733	551840	2.99%	0.947%
82	18.530	2667	2671	2678	rVB	220788	325311	1.76%	0.558%
83	18.613	2678	2685	2690	rBV5	81244	190152	1.03%	0.326%
84	18.689	2691	2698	2700	rBV2	91080	170646	0.92%	0.293%
85	18.754	2706	2709	2713	rBV2	68965	85953	0.47%	0.147%
86	18.848	2720	2725	2730	rBV3	133721	202324	1.10%	0.347%
87	18.901	2730	2734	2739	rVB	93830	140317	0.76%	0.241%
88	19.112	2767	2770	2774	rVV2	60219	81798	0.44%	0.140%
89	19.418	2813	2822	2828	rBV6	48462	134250	0.73%	0.230%
90	19.588	2844	2851	2856	rBV	93570	160894	0.87%	0.276%
91	19.917	2901	2907	2911	rBV2	227143	414325	2.24%	0.711%
92	19.952	2911	2913	2921	rVB	126158	170130	0.92%	0.292%
93	20.317	2969	2975	2981	rBV2	173233	291433	1.58%	0.500%
94	20.387	2981	2987	2993	rVV	736821	1151646	6.23%	1.976%
95	20.992	3083	3090	3093	rVV3	87824	154401	0.84%	0.265%
96	21.039	3093	3098	3107	rVB2	111520	208345	1.13%	0.357%
97	21.827	3225	3232	3242	rVB	677528	1140333	6.17%	1.956%
98	22.467	3336	3341	3347	rBV	58064	116009	0.63%	0.199%
99	24.941	3754	3762	3770	rVB	112771	317691	1.72%	0.545%
100	25.176	3791	3802	3813	rVB3	351152	1035617	5.61%	1.777%

Sum of corrected areas: 58289357

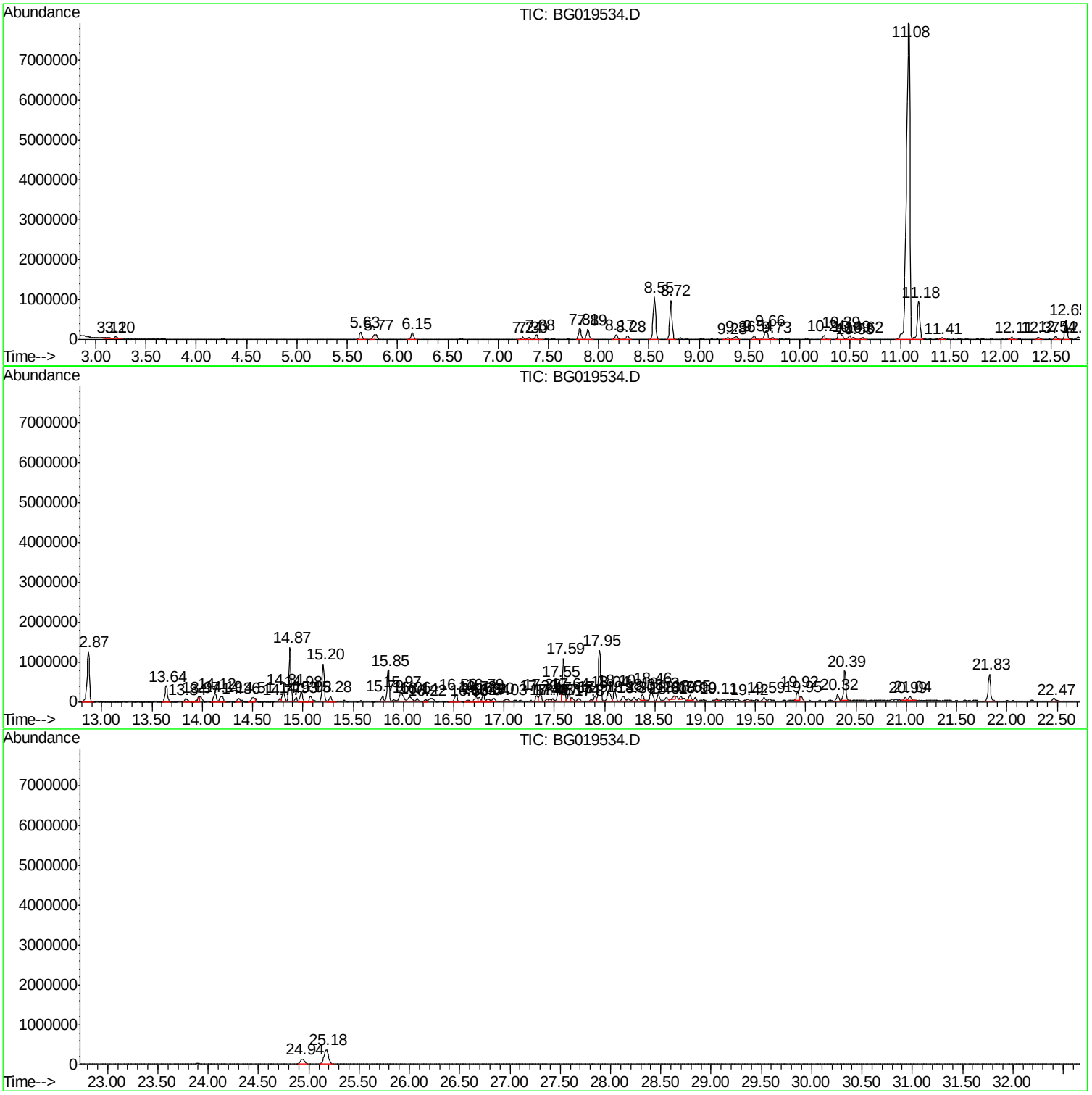
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
Data File : BG019534.D
Acq On : 9 Nov 2015 15:53
Operator : UM/NP
Sample : G4245-17DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY52DL

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\BG110915\
Data File : BG019534.D
Acq On : 9 Nov 2015 15:53
Operator : UM/NP
Sample : G4245-17DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY52DL

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

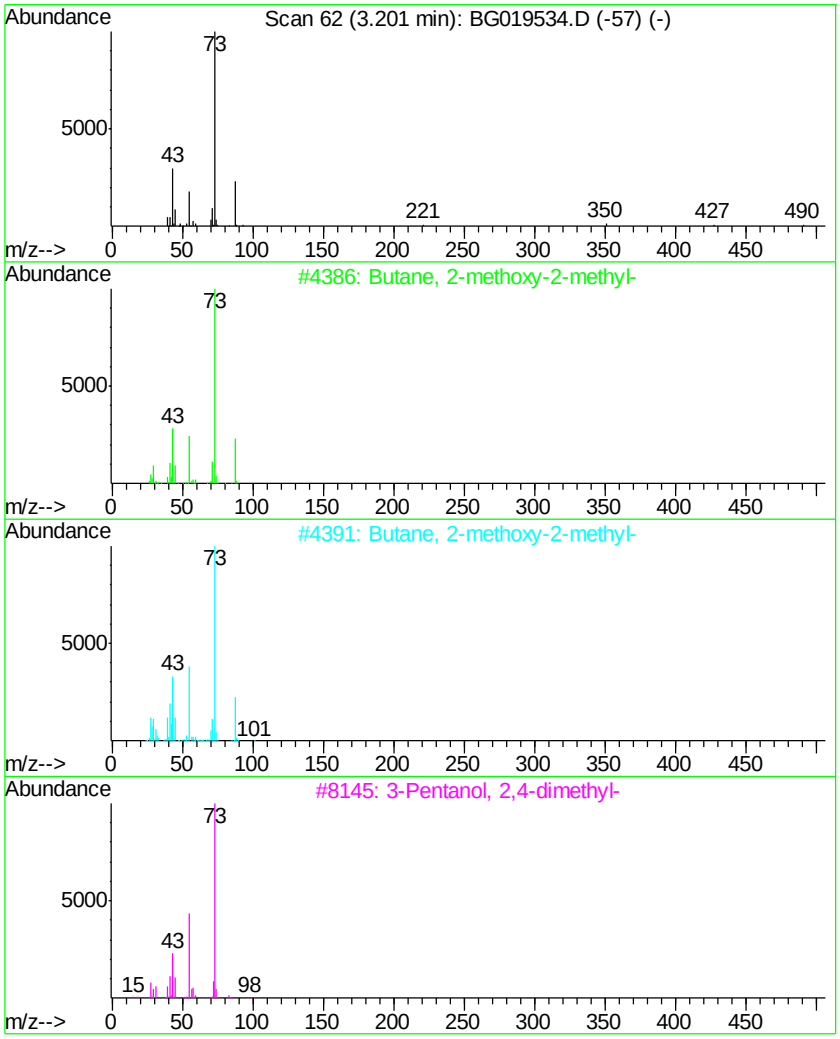
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

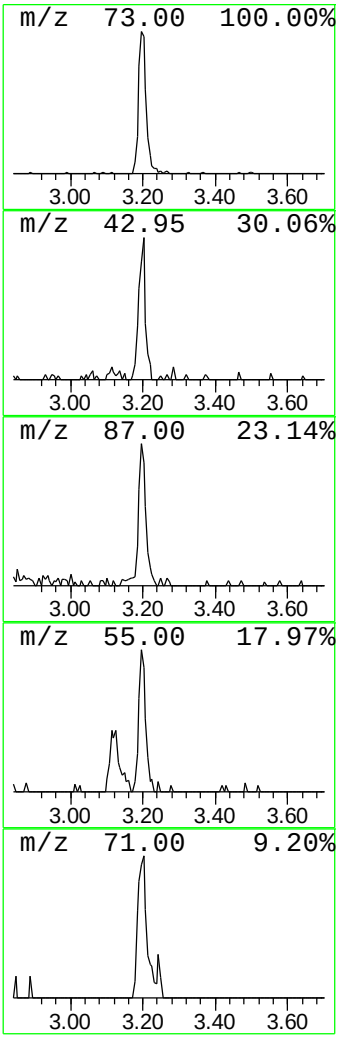
****

Peak Number 2 unknown-01 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	6.94 ng/ul	78620	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	40
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	36
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	12
4	Acetaldehyde, O-ethyloxime-	87	C4H9NO	1000288-34-6	9
5	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
Data File : BG019534.D
Acq On : 9 Nov 2015 15:53
Operator : UM/NP
Sample : G4245-17DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY52DL

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

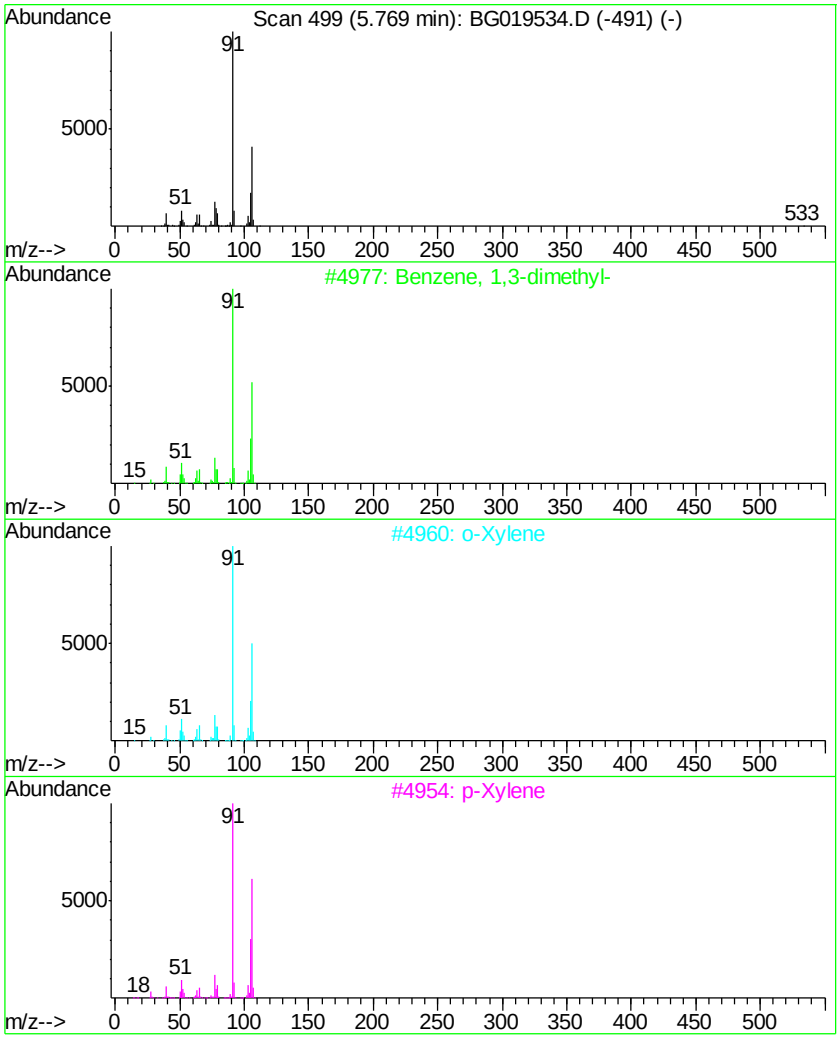
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

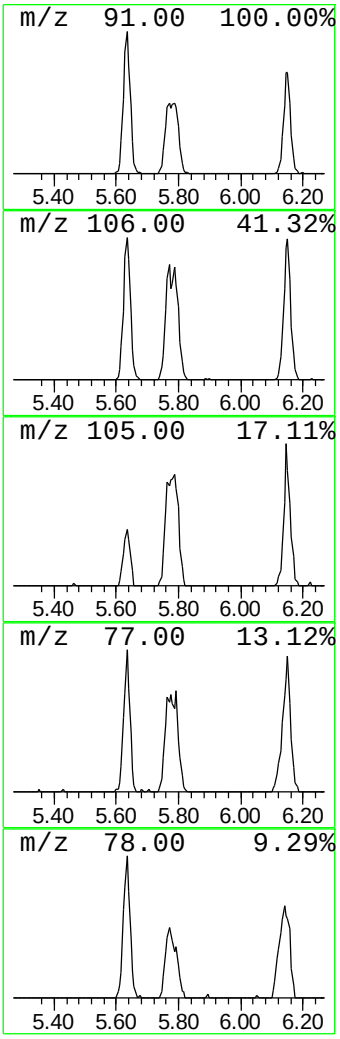
****

Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	14.17 ng/ul	160440	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	p-Xylene	106	C8H10	000106-42-3	91
4	p-Xylene	106	C8H10	000106-42-3	91
5	o-Xylene	106	C8H10	000095-47-6	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
Data File : BG019534.D
Acq On : 9 Nov 2015 15:53
Operator : UM/NP
Sample : G4245-17DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY52DL

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

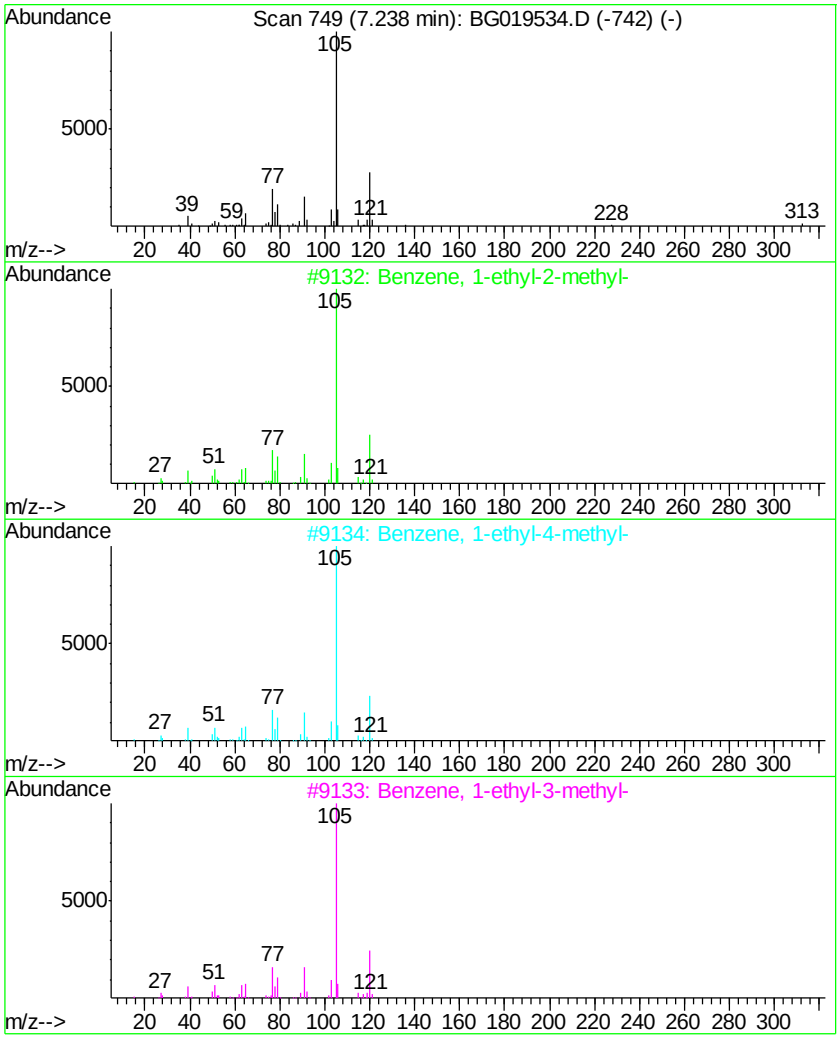
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

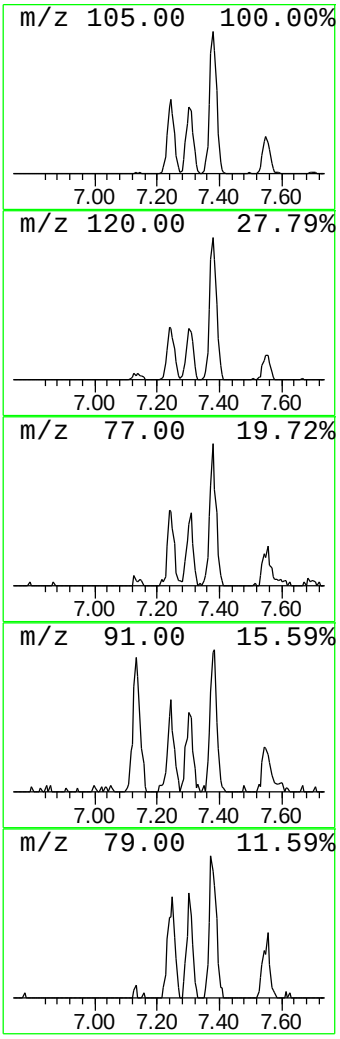
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	8.73 ng/ul	98862	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	97
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
Data File : BG019534.D
Acq On : 9 Nov 2015 15:53
Operator : UM/NP
Sample : G4245-17DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY52DL

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

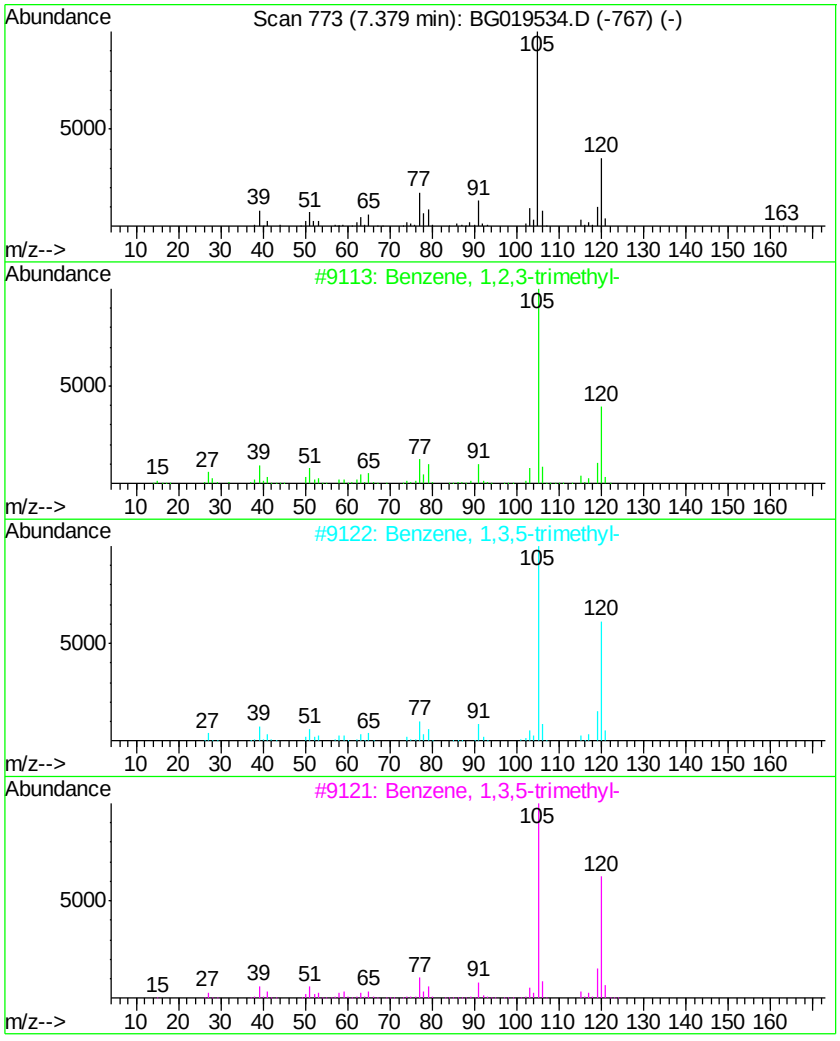
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

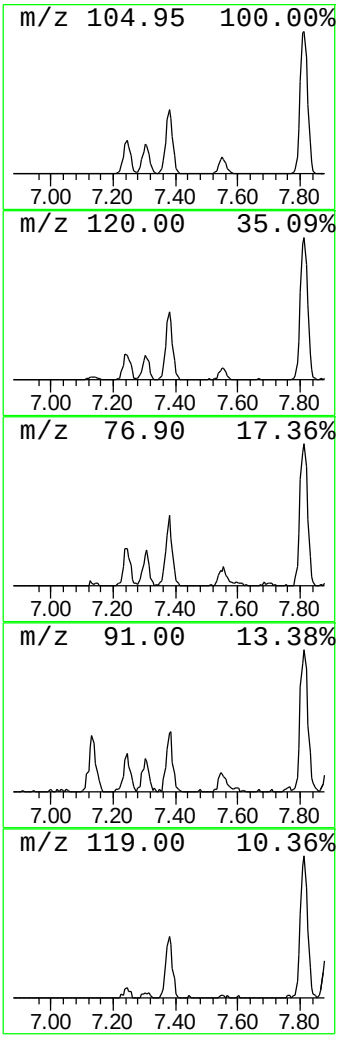
****

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	17.05 ng/ul	193002	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
Data File : BG019534.D
Acq On : 9 Nov 2015 15:53
Operator : UM/NP
Sample : G4245-17DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY52DL

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

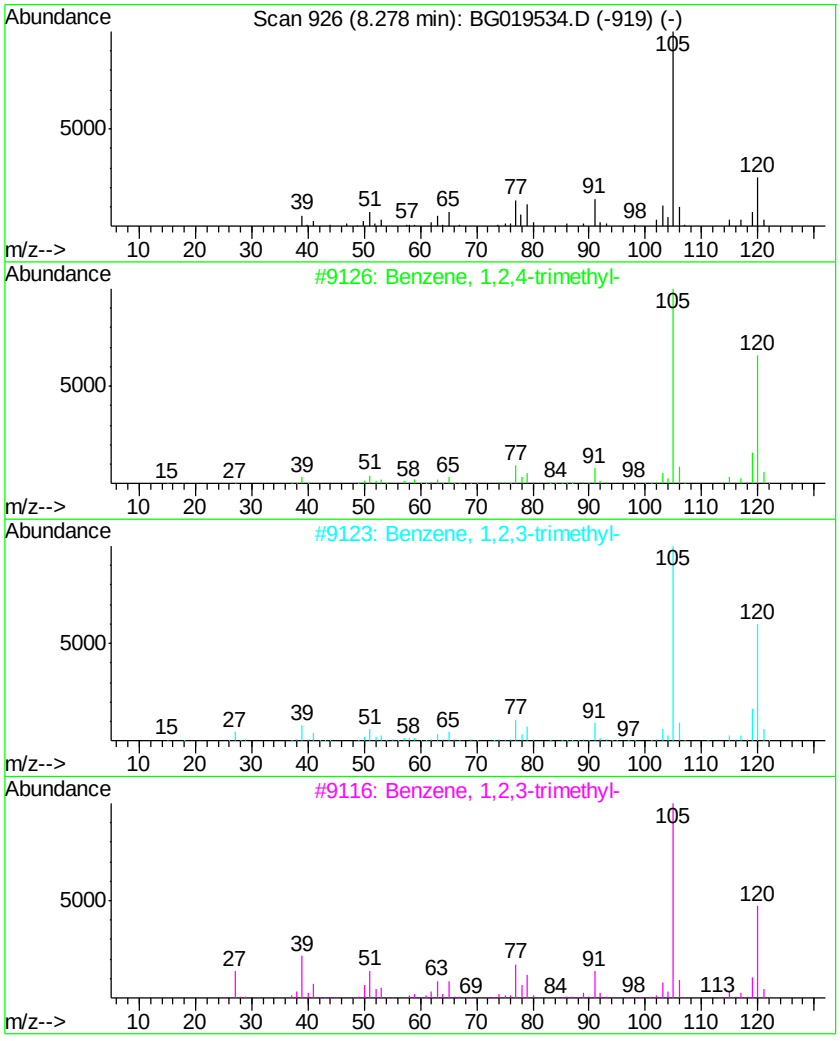
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

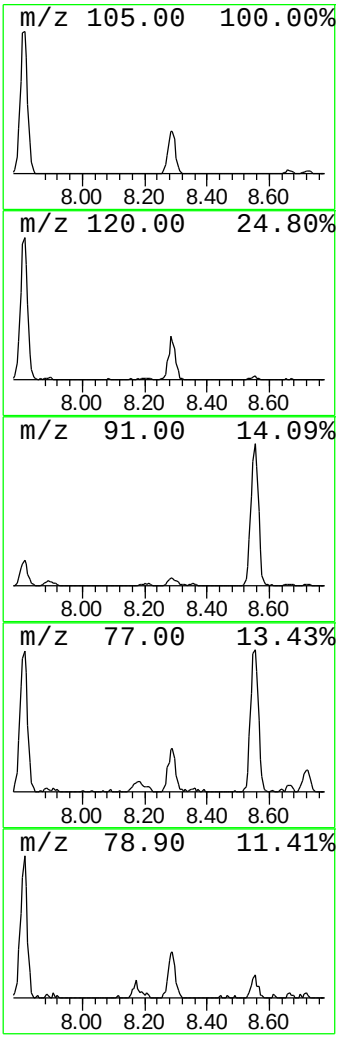
****

Peak Number 10 Benzene, 1,2,4-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	13.19 ng/ul	149308	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
Data File : BG019534.D
Acq On : 9 Nov 2015 15:53
Operator : UM/NP
Sample : G4245-17DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY52DL

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

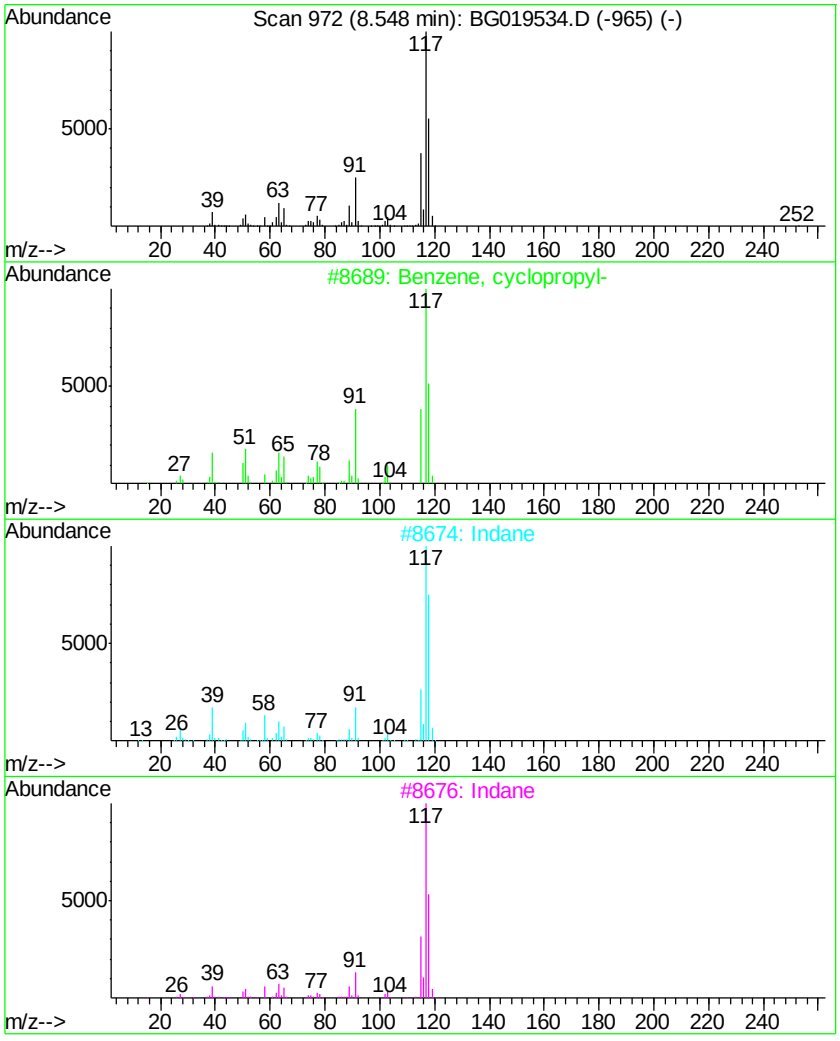
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

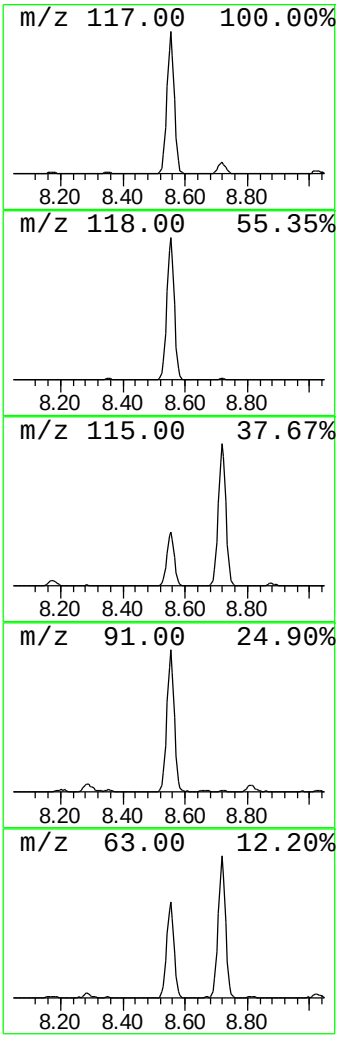
****

Peak Number 11 Benzene, cyclopropyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	157.87 ng/ul	1787470	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
2	Indane	118	C9H10	000496-11-7	87
3	Indane	118	C9H10	000496-11-7	83
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	81
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
Data File : BG019534.D
Acq On : 9 Nov 2015 15:53
Operator : UM/NP
Sample : G4245-17DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY52DL

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

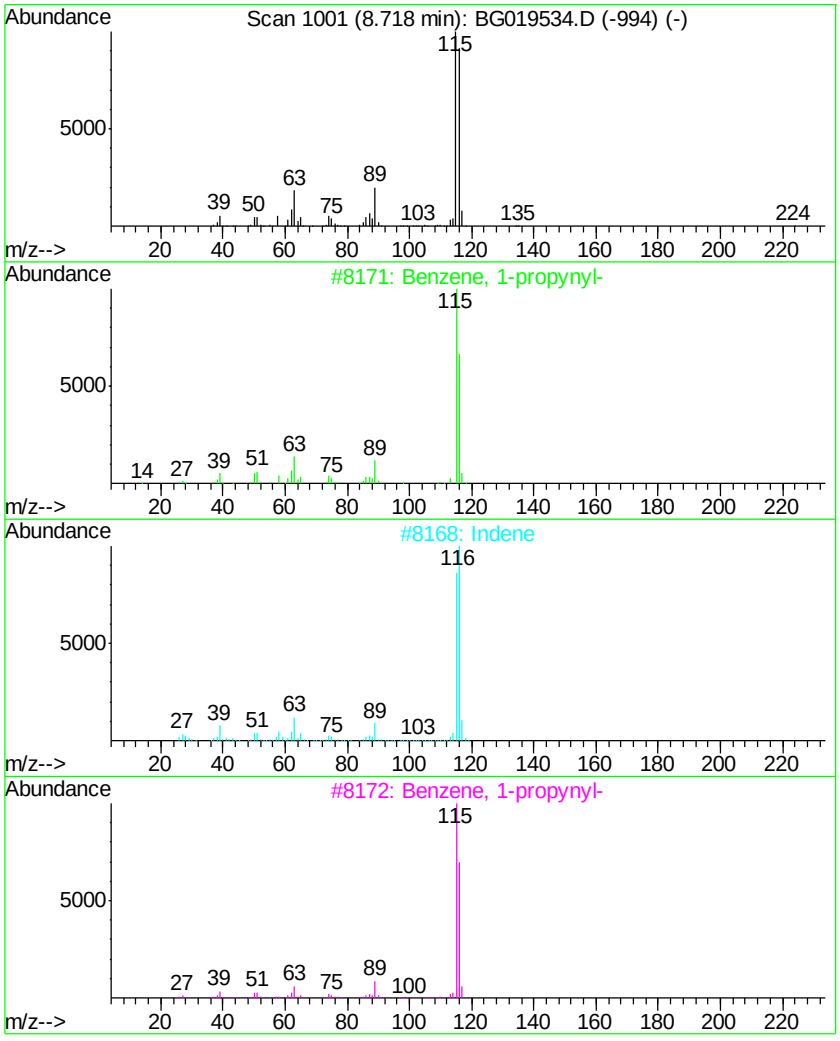
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

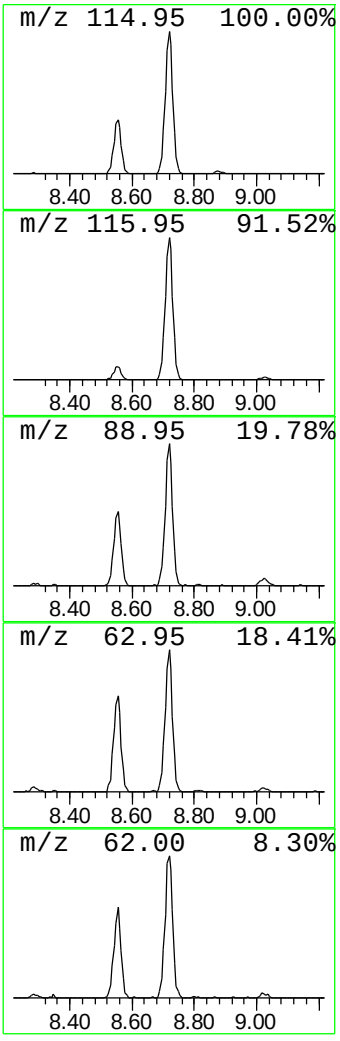
****

Peak Number 12 Benzene, 1-propynyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	148.12 ng/ul	1677120	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2	Indene	116	C9H8	000095-13-6	93
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	Indene	116	C9H8	000095-13-6	90





Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
Data File : BG019534.D
Acq On : 9 Nov 2015 15:53
Operator : UM/NP
Sample : G4245-17DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY52DL

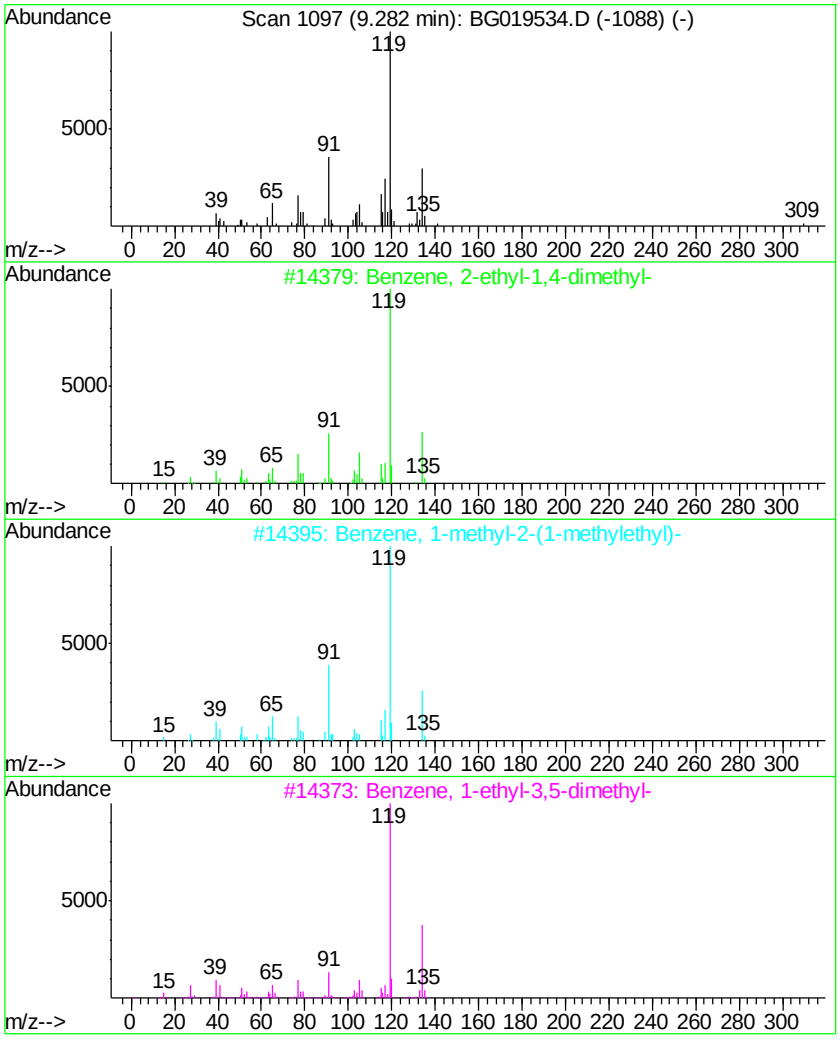
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

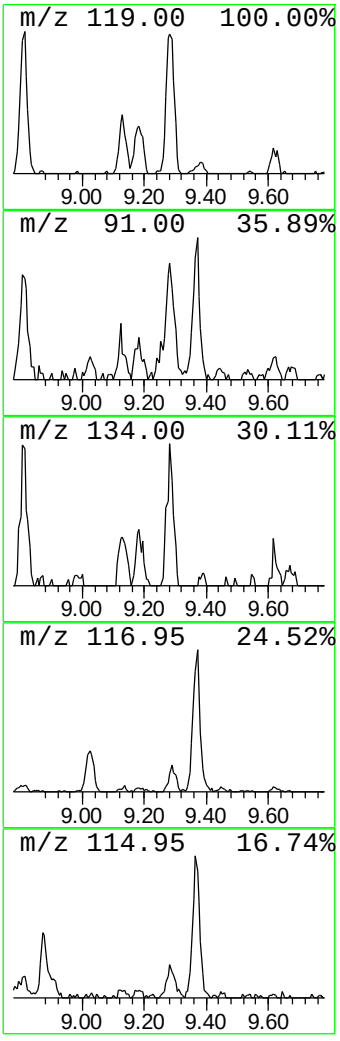
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	7.34 ng/ul	83117	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	81
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81





Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
Data File : BG019534.D
Acq On : 9 Nov 2015 15:53
Operator : UM/NP
Sample : G4245-17DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY52DL

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

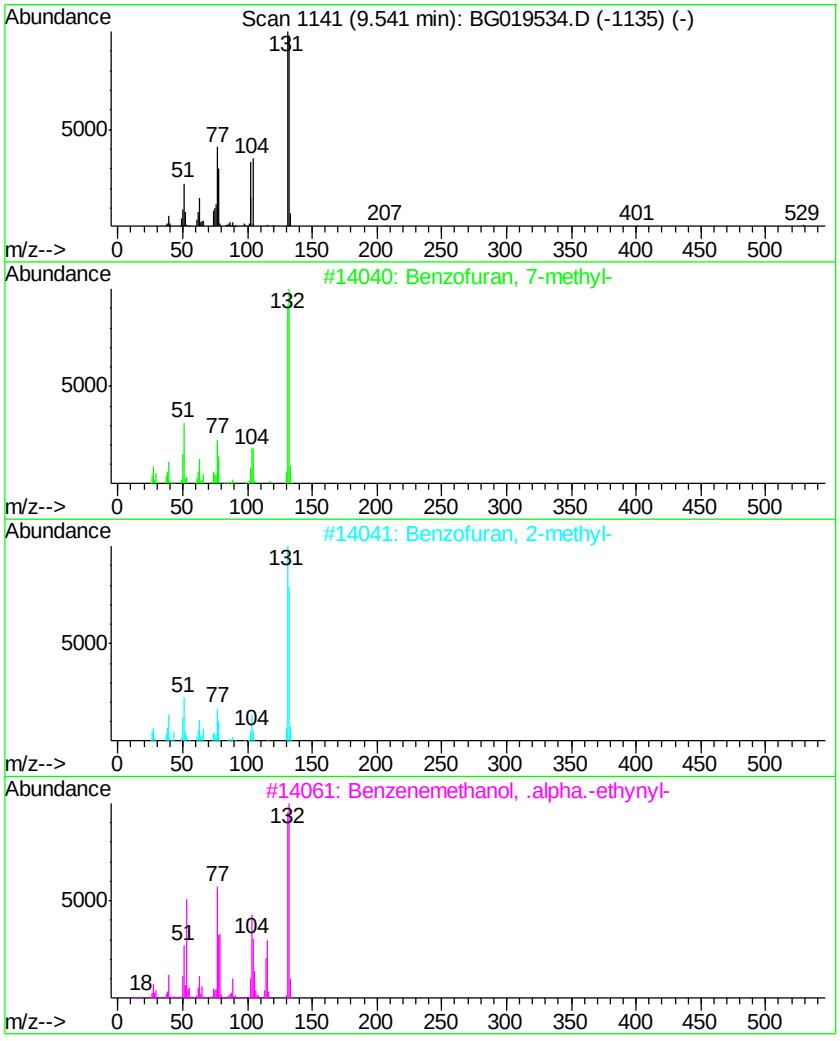
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

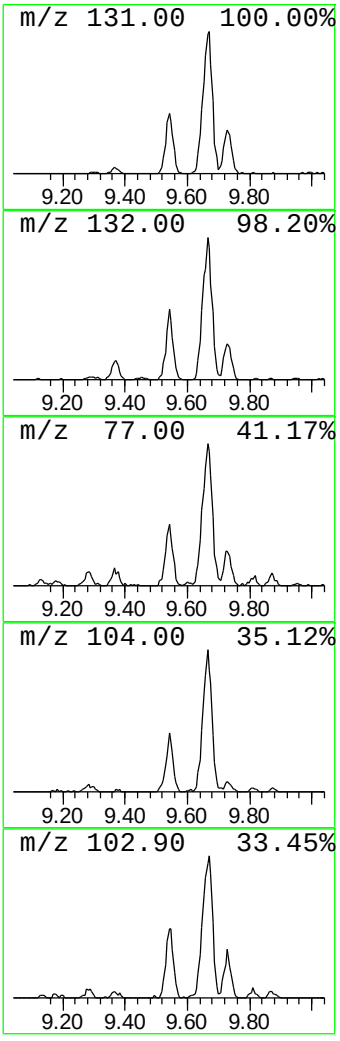
****

Peak Number 14 Benzofuran, 7-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	14.84 ng/ul	168080	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90





Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
Data File : BG019534.D
Acq On : 9 Nov 2015 15:53
Operator : UM/NP
Sample : G4245-17DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY52DL

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

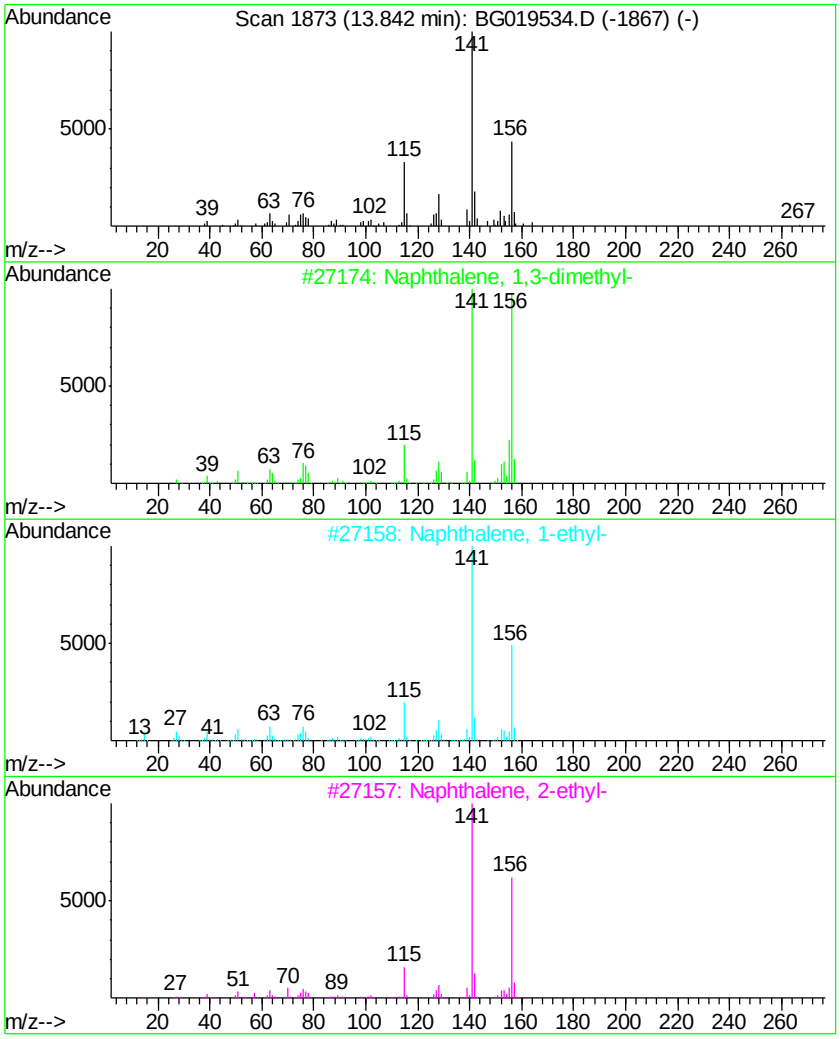
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

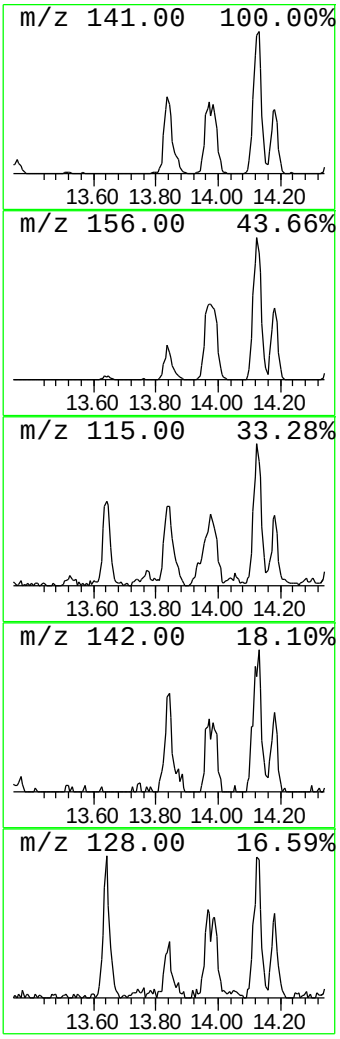
****

Peak Number 15 Naphthalene, 1,3-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	7.31 ng/ul	181933	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	87
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	83





Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
Data File : BG019534.D
Acq On : 9 Nov 2015 15:53
Operator : UM/NP
Sample : G4245-17DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY52DL

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

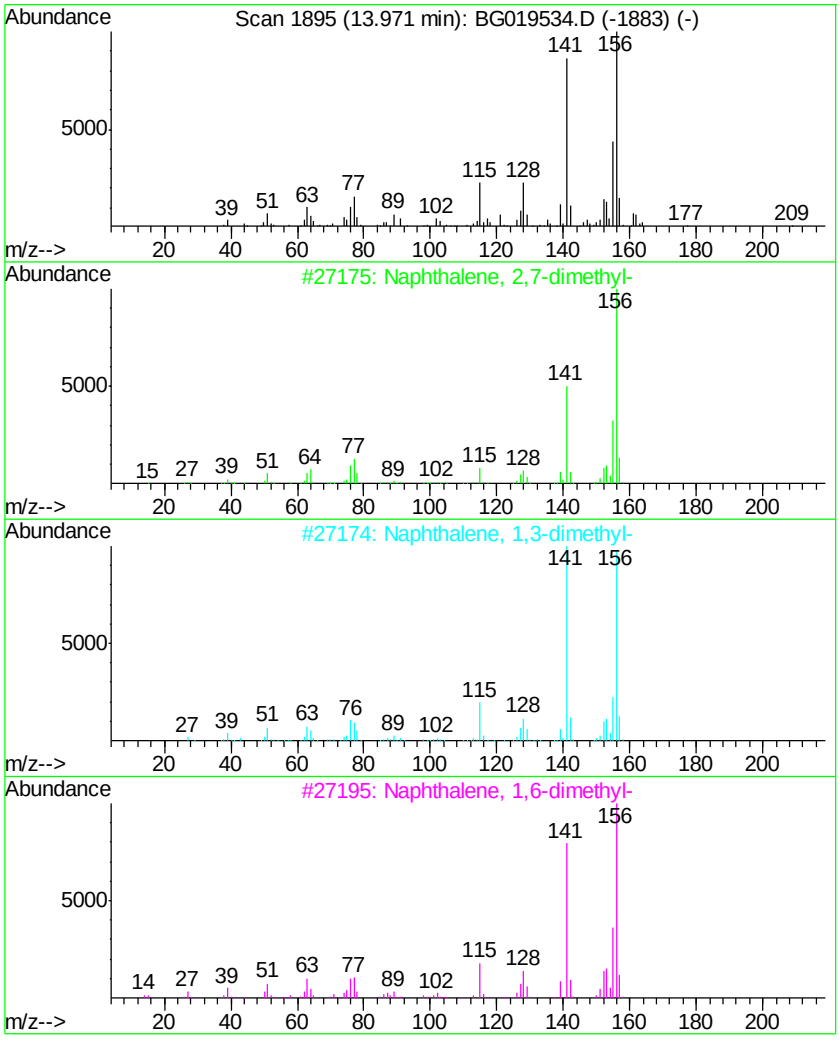
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

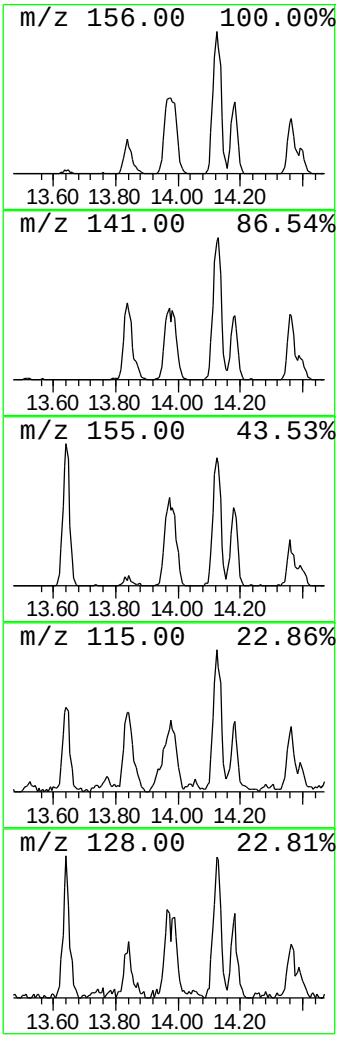
****

Peak Number 16 Naphthalene, 2,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	10.23 ng/ul	254597	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
Data File : BG019534.D
Acq On : 9 Nov 2015 15:53
Operator : UM/NP
Sample : G4245-17DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY52DL

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

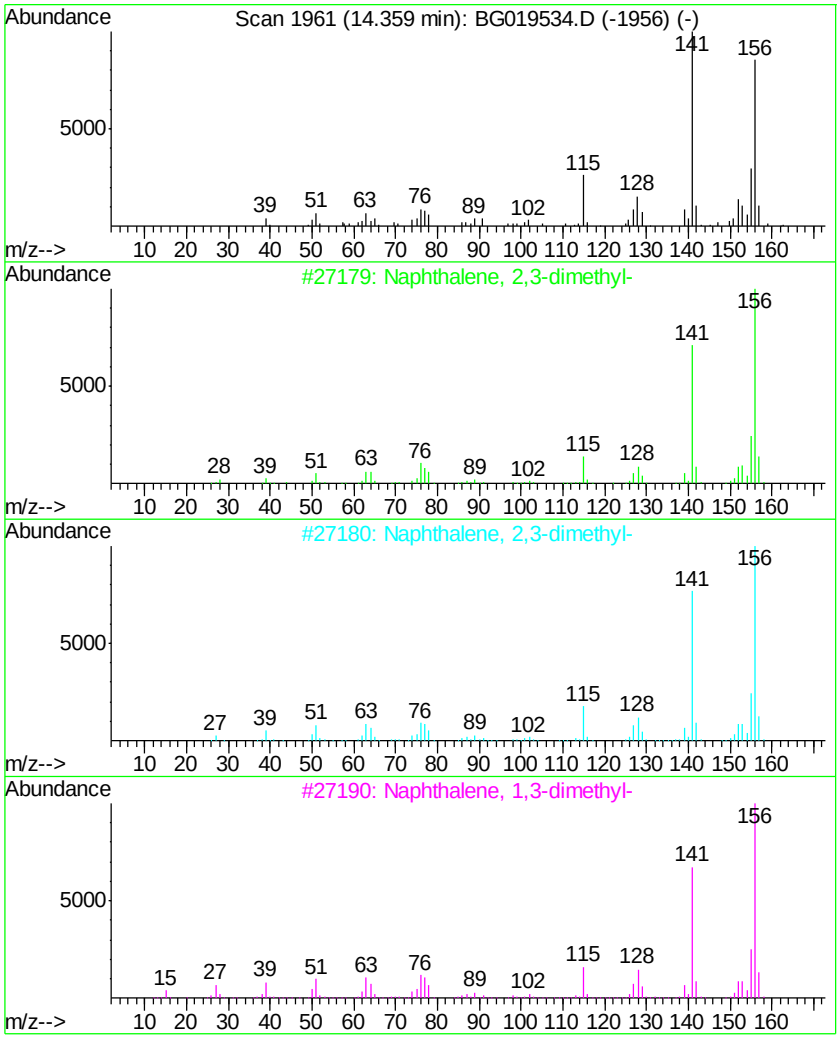
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

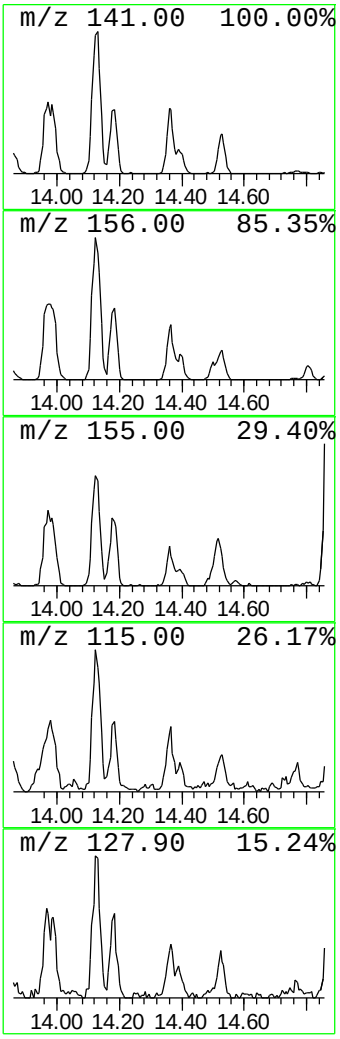
****

Peak Number 18 Naphthalene, 2,3-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	5.90 ng/ul	146733	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
Data File : BG019534.D
Acq On : 9 Nov 2015 15:53
Operator : UM/NP
Sample : G4245-17DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY52DL

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

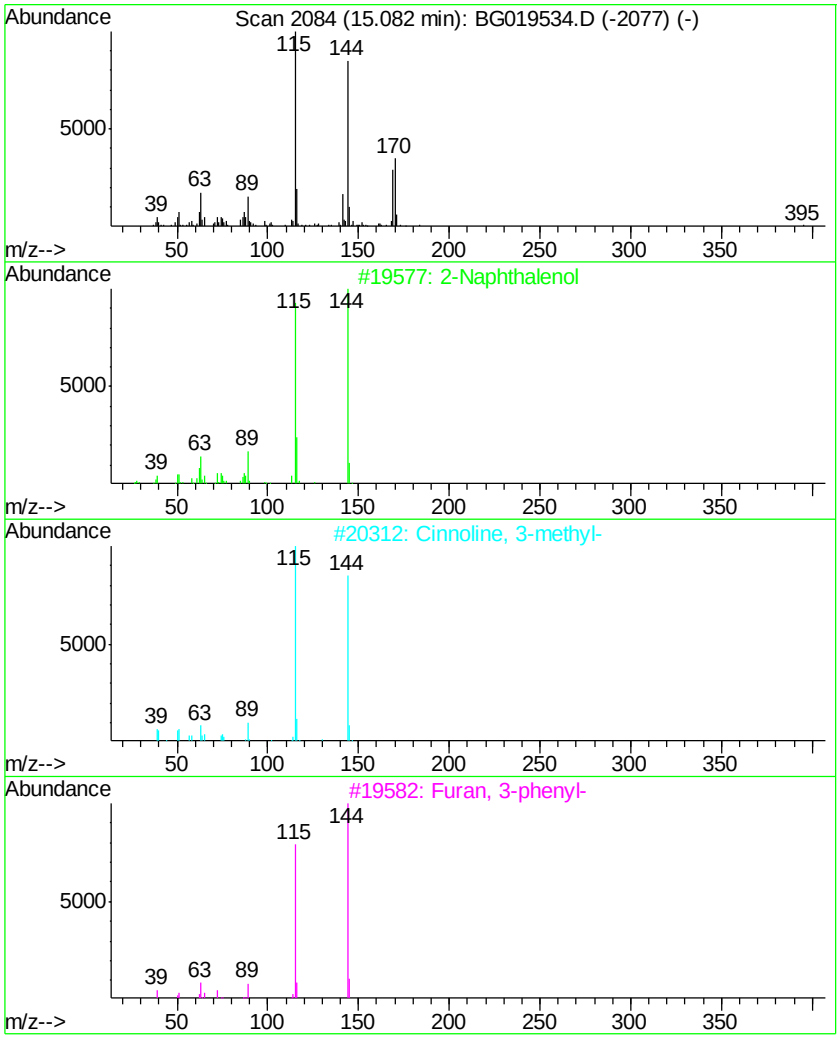
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

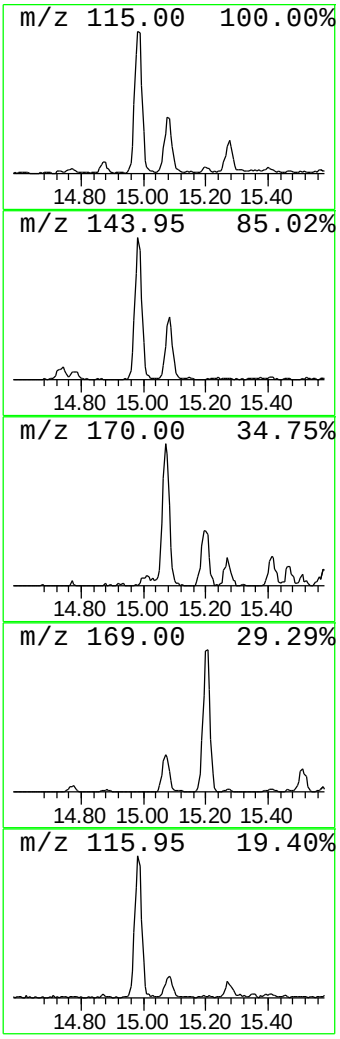
****

Peak Number 19 2-Naphthalenol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	10.52 ng/ul	261851	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenol	144	C10H8O	000135-19-3	80
2	Cinnoline, 3-methyl-	144	C9H8N2	017372-78-0	55
3	Furan, 3-phenyl-	144	C10H8O	013679-41-9	49
4	Benzofuran, 2-ethenyl-	144	C10H8O	007522-79-4	46
5	2-Naphthalenol, acetate	186	C12H10O2	001523-11-1	43





Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
Data File : BG019534.D
Acq On : 9 Nov 2015 15:53
Operator : UM/NP
Sample : G4245-17DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY52DL

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

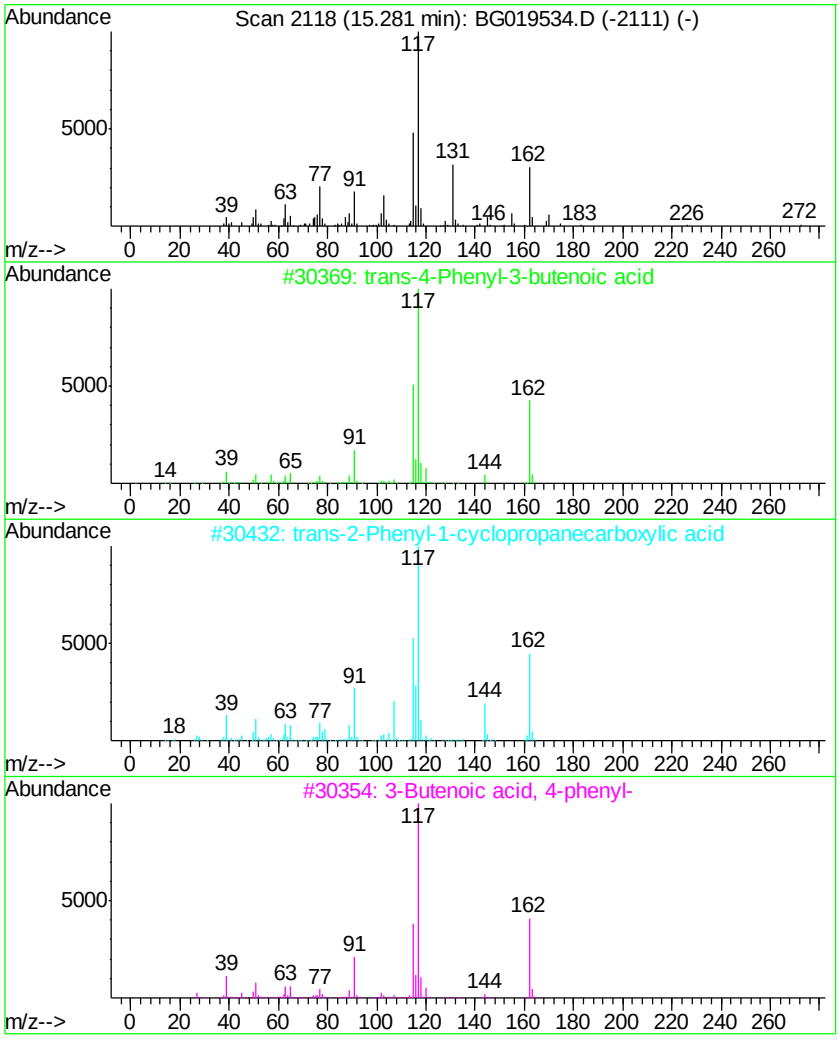
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

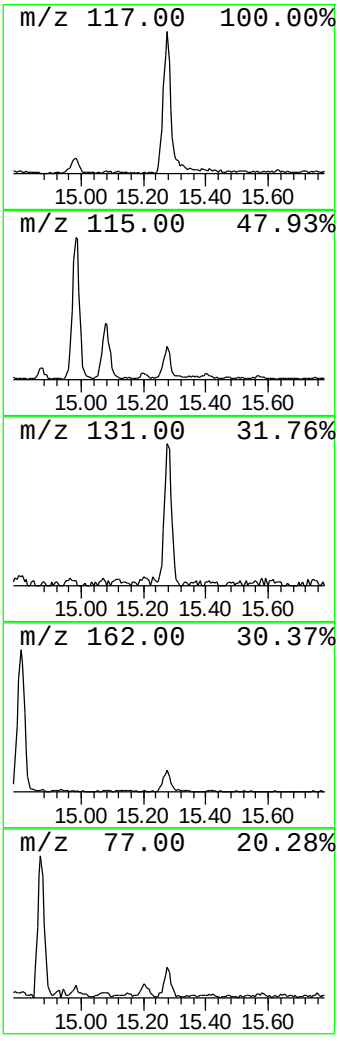
****

Peak Number 20 trans-4-Phenyl-3-butenoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	9.34 ng/ul	232447	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4-Phenyl-3-butenoic acid	162	C10H10O2	001914-58-5	81
2	trans-2-Phenyl-1-cyclopropanecar...	162	C10H10O2	000939-90-2	64
3	3-Butenoic acid, 4-phenyl-	162	C10H10O2	002243-53-0	62
4	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	53
5	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	50





Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
Data File : BG019534.D
Acq On : 9 Nov 2015 15:53
Operator : UM/NP
Sample : G4245-17DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY52DL

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

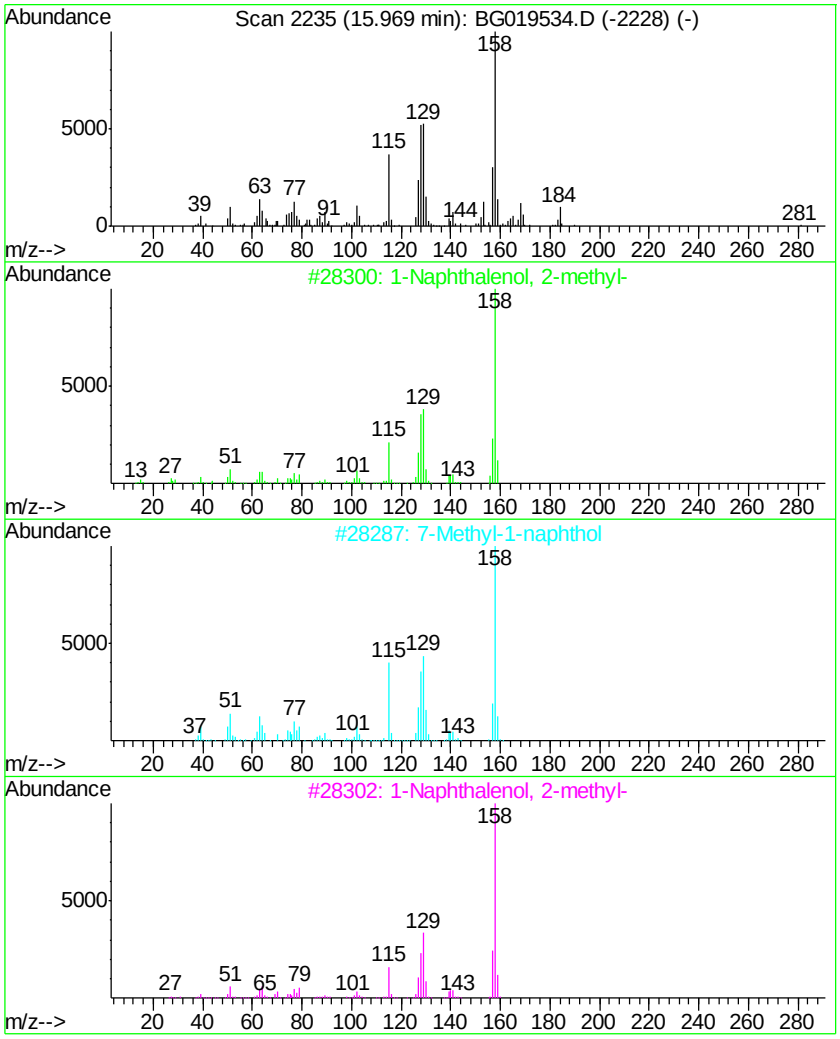
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

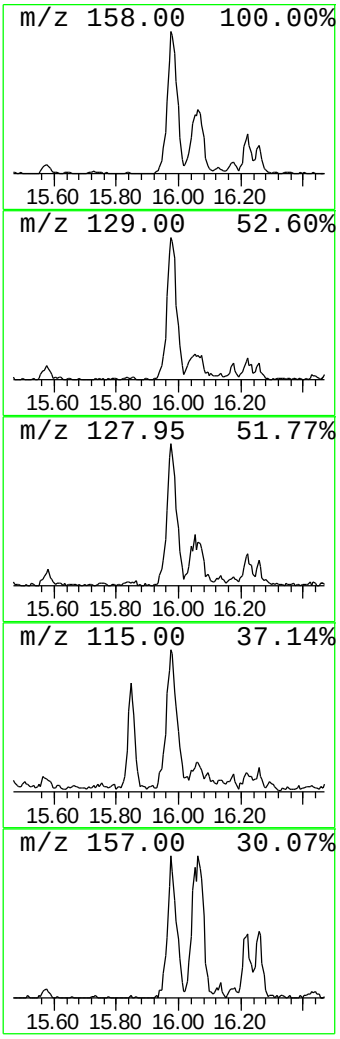
****

Peak Number 21 1-Naphthalenol, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	24.54 ng/ul	610801	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	94
2	7-Methyl-1-naphthol	158	C11H10O	006939-33-9	93
3	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	81
4	7-Methyl-1-naphthol	158	C11H10O	006939-33-9	64
5	1-Naphthalenol, 4-methyl-	158	C11H10O	010240-08-1	58





Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
Data File : BG019534.D
Acq On : 9 Nov 2015 15:53
Operator : UM/NP
Sample : G4245-17DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY52DL

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

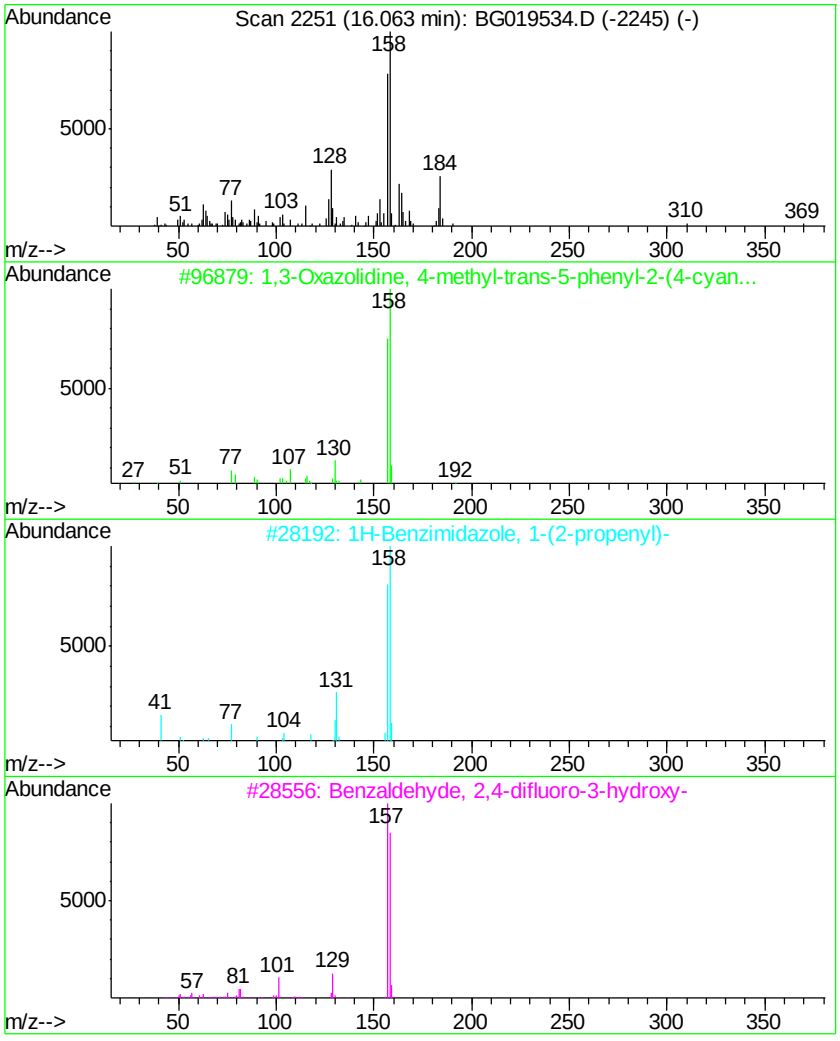
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

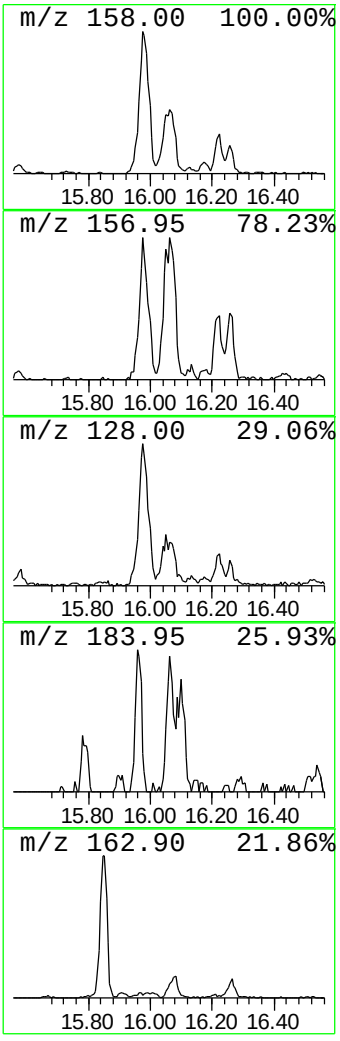
****

Peak Number 22 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	11.61 ng/ul	289037	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Oxazolidine, 4-methyl-trans-...	264	C17H16N2O	1000138-86-9	47
2	1H-Benzimidazole, 1-(2-propenyl)-	158	C10H10N2	019018-22-5	47
3	Benzaldehyde, 2,4-difluoro-3-hyd...	158	C7H4F2O2	192927-69-8	38
4	1-Naphthalenol, 4-methyl-	158	C11H10O	010240-08-1	37
5	1,8-Naphthyridine, 2,6-dimethyl-	158	C10H10N2	014757-45-0	35





Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
Data File : BG019534.D
Acq On : 9 Nov 2015 15:53
Operator : UM/NP
Sample : G4245-17DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY52DL

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

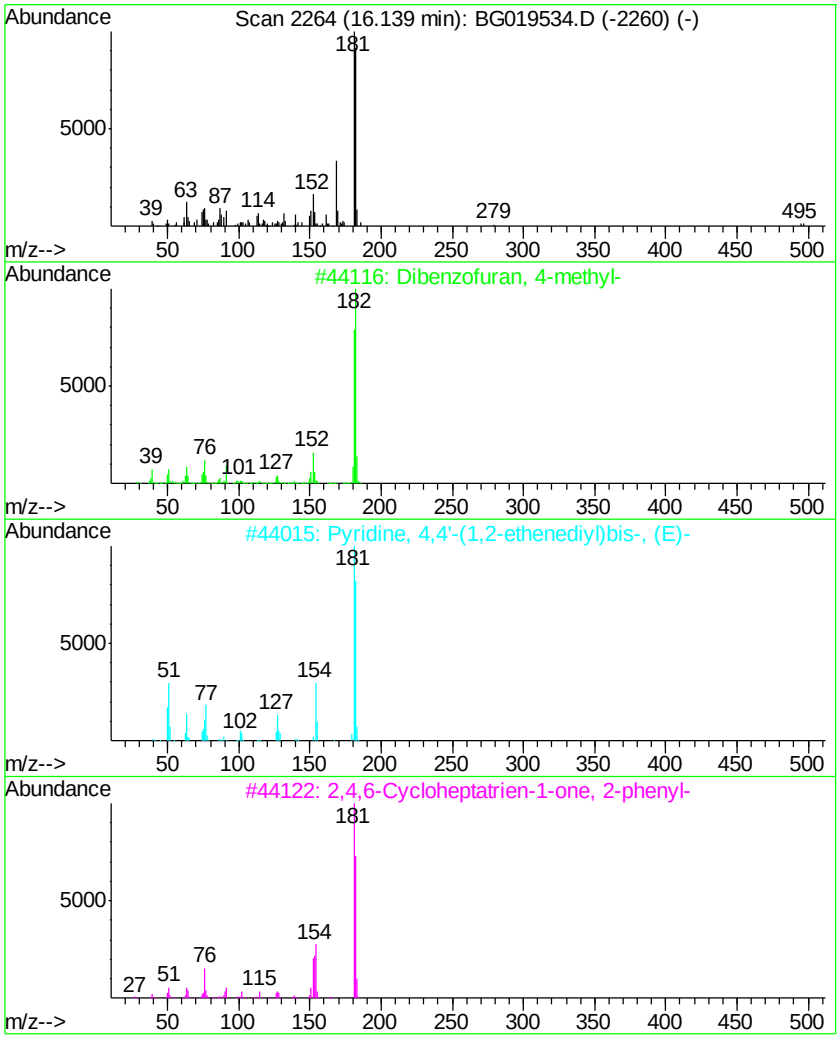
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

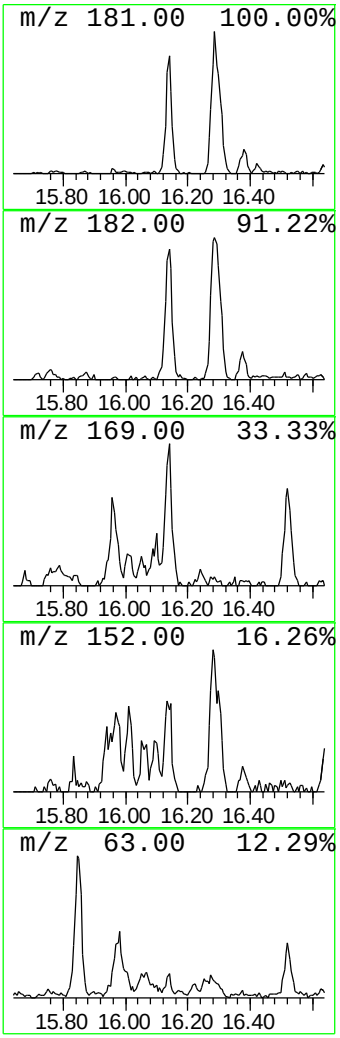
****

Peak Number 23 Dibenzofuran, 4-methyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	3.54 ng/ul	88089	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	64
2	Pyridine, 4,4'-(1,2-ethenediyl)b...	182	C12H10N2	013362-78-2	59
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	59
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	50
5	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	47





Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
Data File : BG019534.D
Acq On : 9 Nov 2015 15:53
Operator : UM/NP
Sample : G4245-17DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY52DL

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

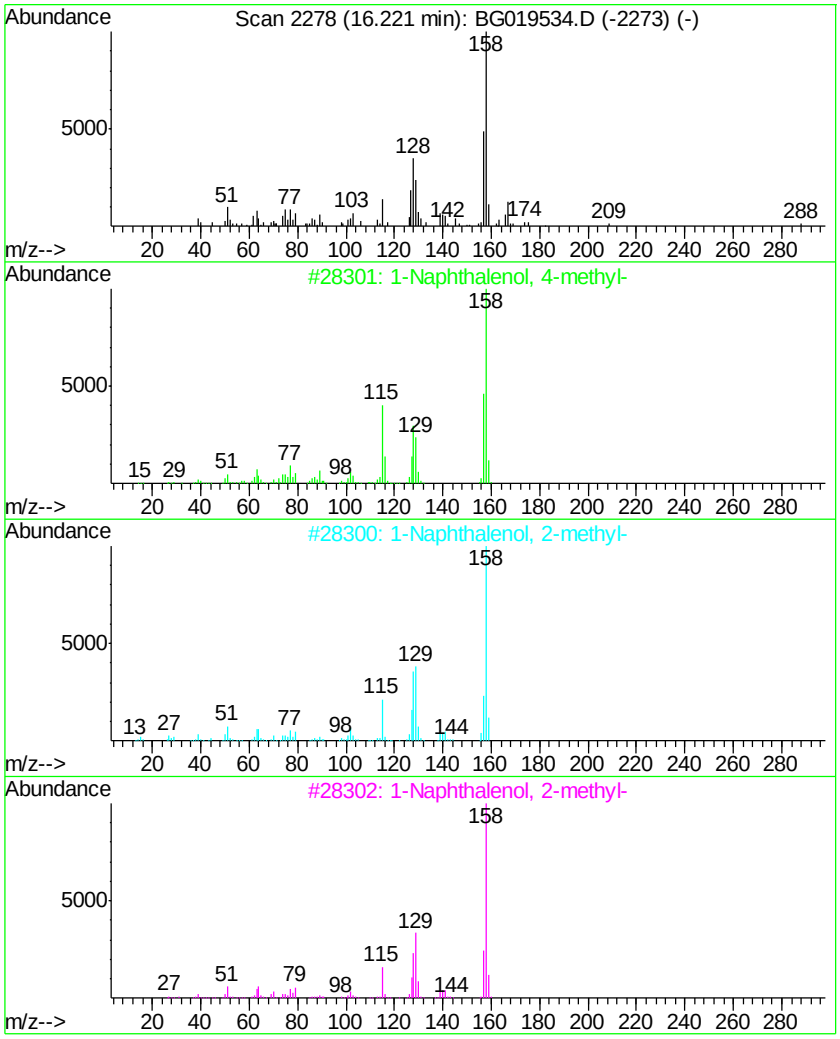
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

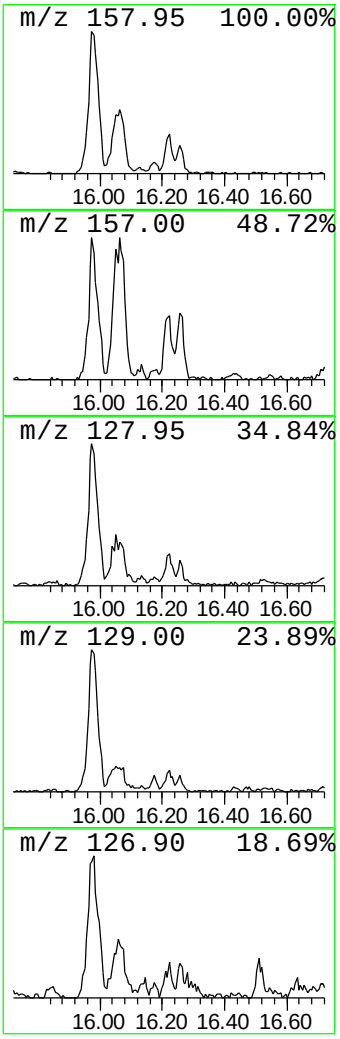
****

Peak Number 24 1-Naphthalenol, 4-methyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	2.19 ng/ul	97169	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 4-methyl-	158	C11H10O	010240-08-1	87
2	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	62
3	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	52
4	7-Methyl-1-naphthol	158	C11H10O	006939-33-9	52
5	3-Methyl-4-phenylpyrazole	158	C10H10N2	013788-84-6	52





Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
Data File : BG019534.D
Acq On : 9 Nov 2015 15:53
Operator : UM/NP
Sample : G4245-17DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY52DL

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

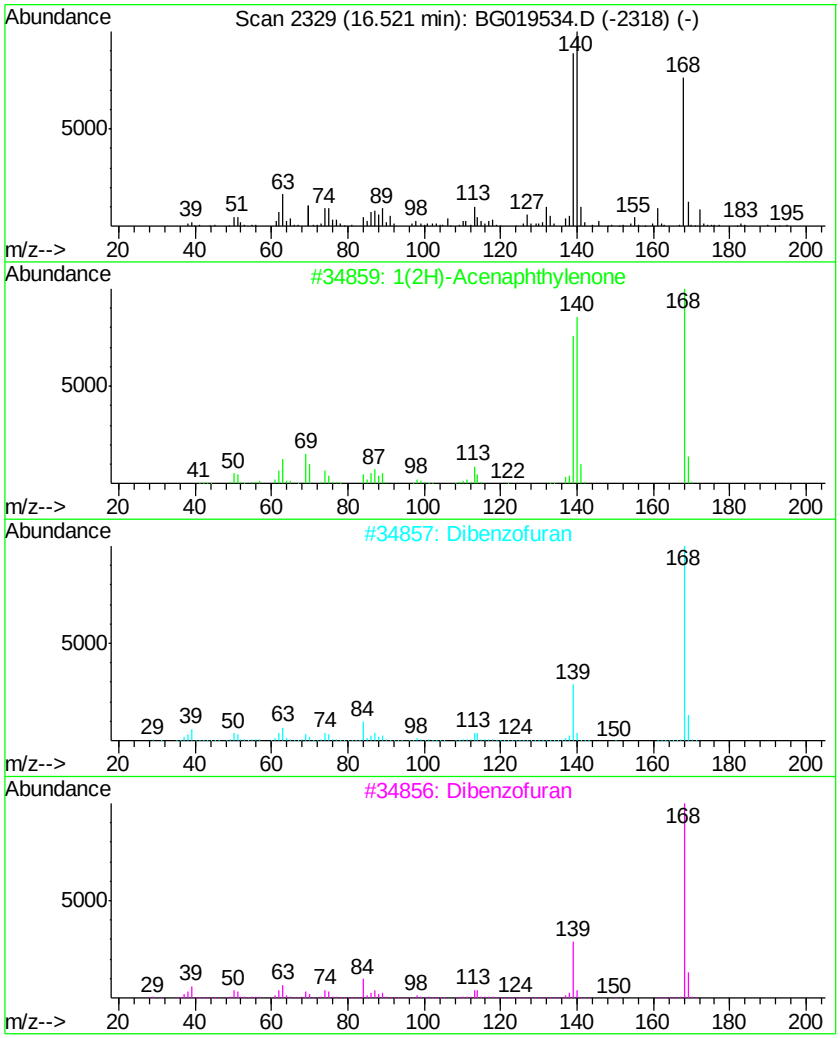
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

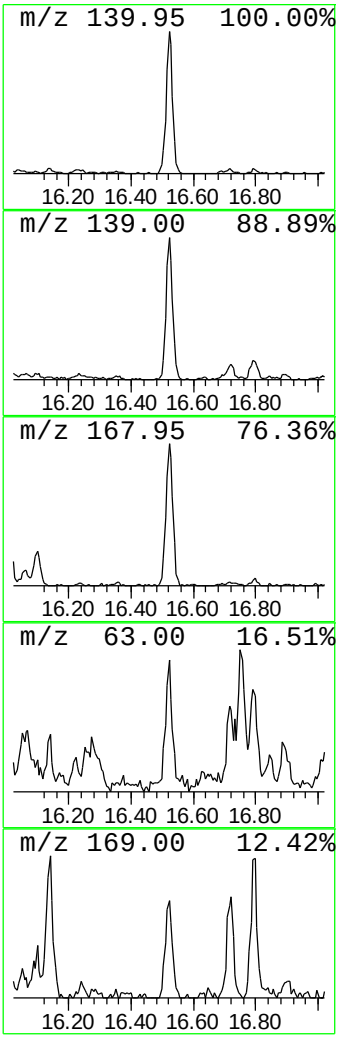
****

Peak Number 25 1(2H)-Acenaphthylenone Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	7.86 ng/ul	348255	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	95
2	Dibenzofuran	168	C12H8O	000132-64-9	53
3	Dibenzofuran	168	C12H8O	000132-64-9	53
4	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	49
5	Oxidopamine	169	C8H11NO3	001199-18-4	47





Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
Data File : BG019534.D
Acq On : 9 Nov 2015 15:53
Operator : UM/NP
Sample : G4245-17DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY52DL

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

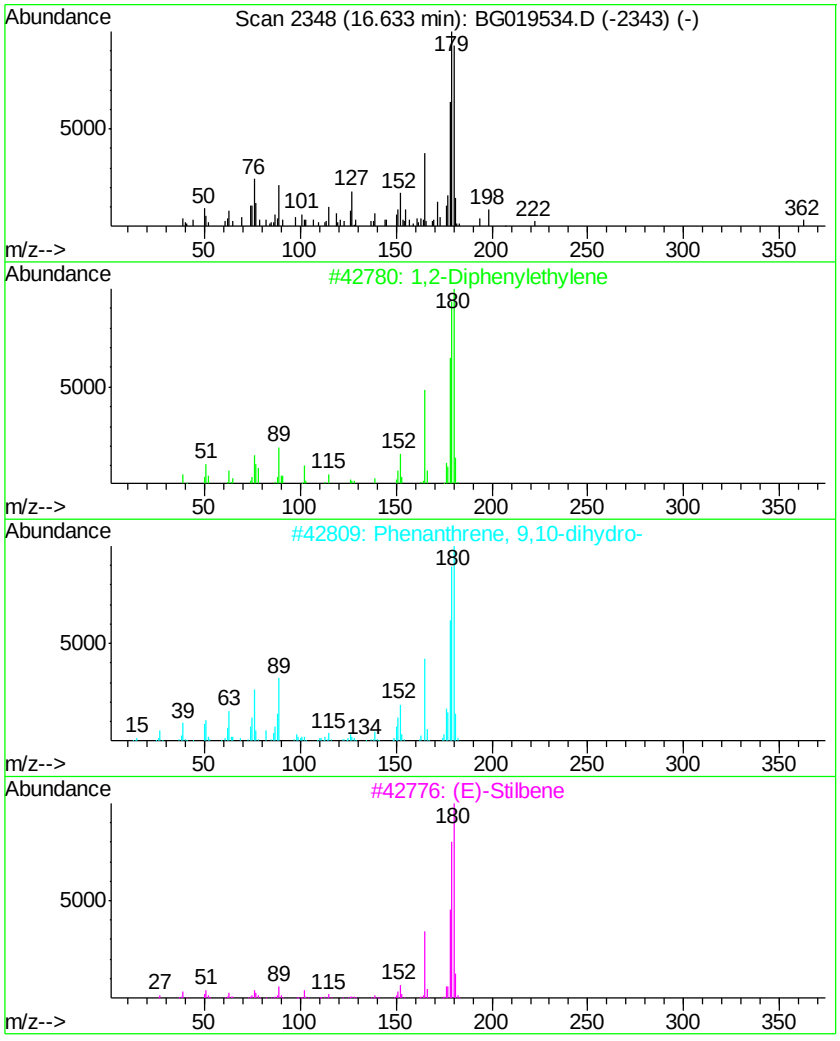
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

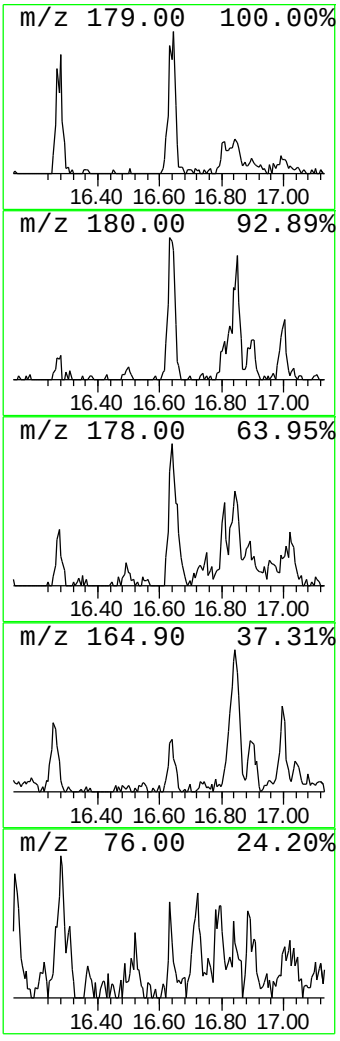
****

Peak Number 26 1,2-Diphenylethylene Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	2.47 ng/ul	109429	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Diphenylethylene	180	C14H12	000588-59-0	89
2	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	89
3	(E)-Stilbene	180	C14H12	000103-30-0	89
4	(E)-Stilbene	180	C14H12	000103-30-0	83
5	cis-Stilbene	180	C14H12	000645-49-8	83





Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
Data File : BG019534.D
Acq On : 9 Nov 2015 15:53
Operator : UM/NP
Sample : G4245-17DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY52DL

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

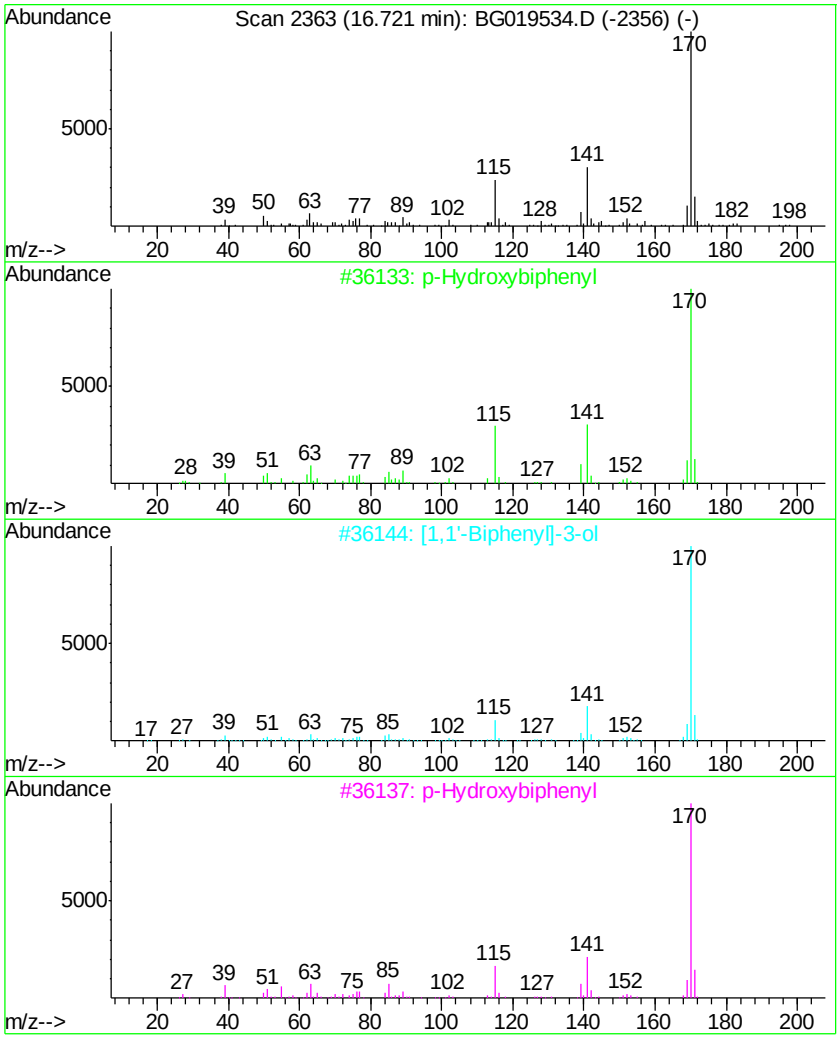
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

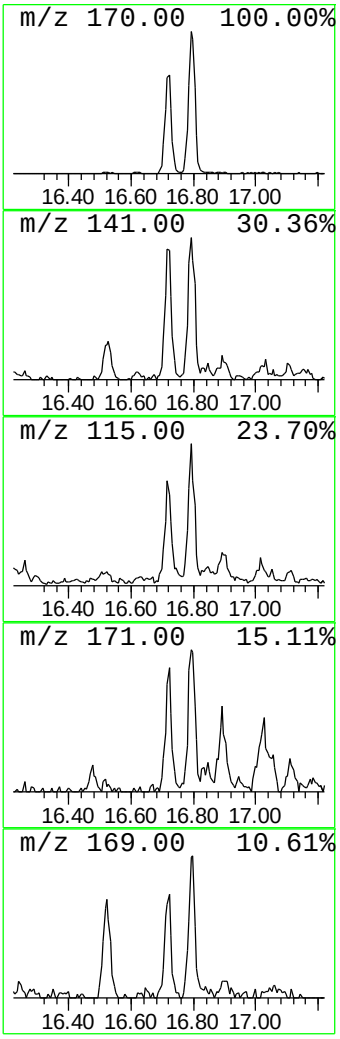
****

Peak Number 27 p-Hydroxybiphenyl Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	5.66 ng/ul	250798	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	94
2	[1,1'-Biphenyl]-3-ol	170	C12H10O	000580-51-8	91
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	90
4	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	90
5	[1,1'-Biphenyl]-3-ol	170	C12H10O	000580-51-8	86





Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
Data File : BG019534.D
Acq On : 9 Nov 2015 15:53
Operator : UM/NP
Sample : G4245-17DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY52DL

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

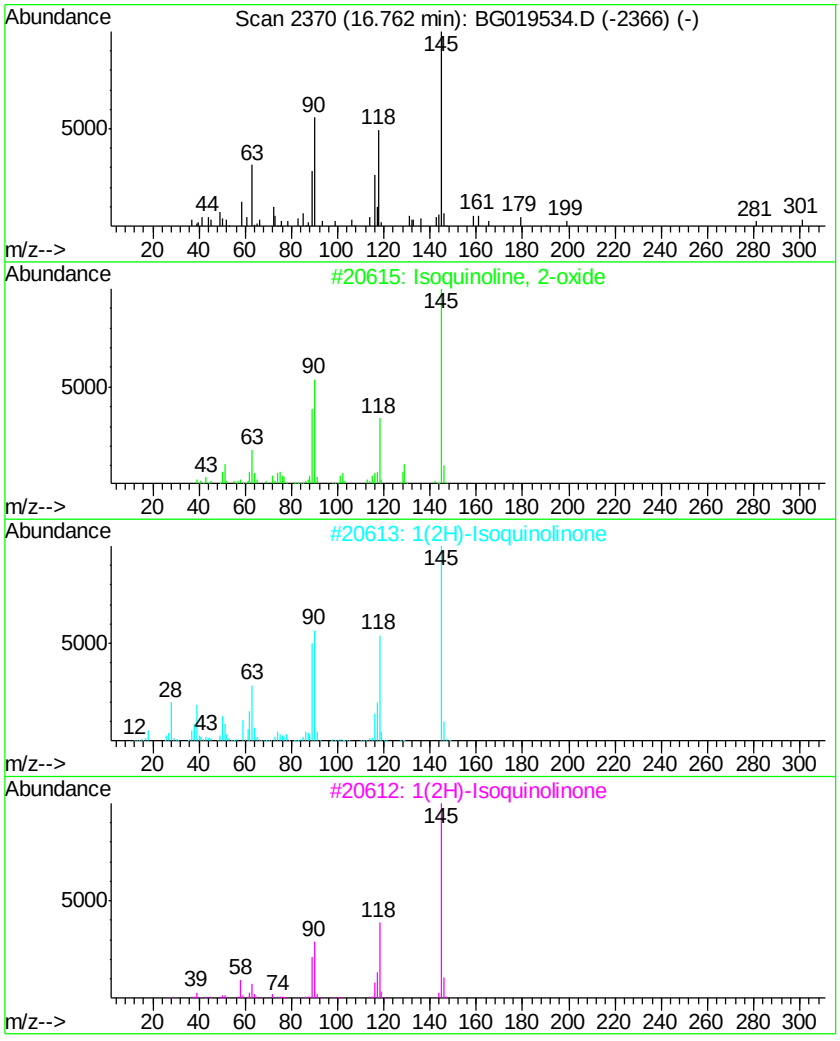
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

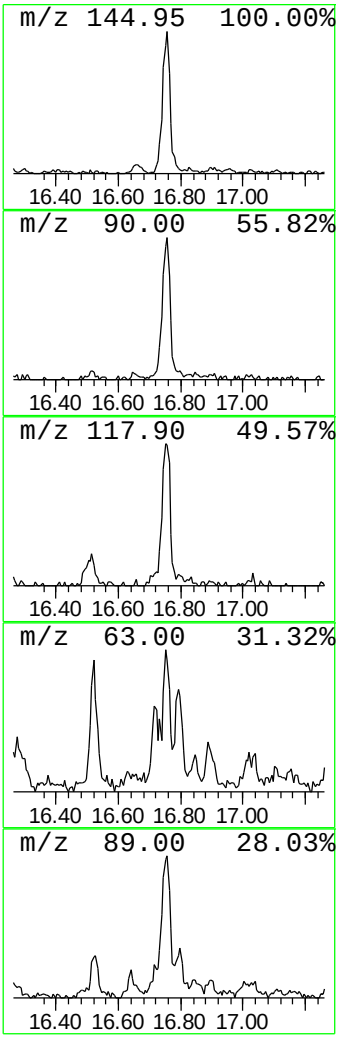
****

Peak Number 28 Isoquinoline, 2-oxide Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	3.52 ng/ul	155767	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoquinoline, 2-oxide	145	C9H7NO	001532-72-5	80
2	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	72
3	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	64
4	2(1H)-Quinolinone	145	C9H7NO	000059-31-4	59
5	Quinoline, 1-oxide	145	C9H7NO	001613-37-2	59





Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
Data File : BG019534.D
Acq On : 9 Nov 2015 15:53
Operator : UM/NP
Sample : G4245-17DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY52DL

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

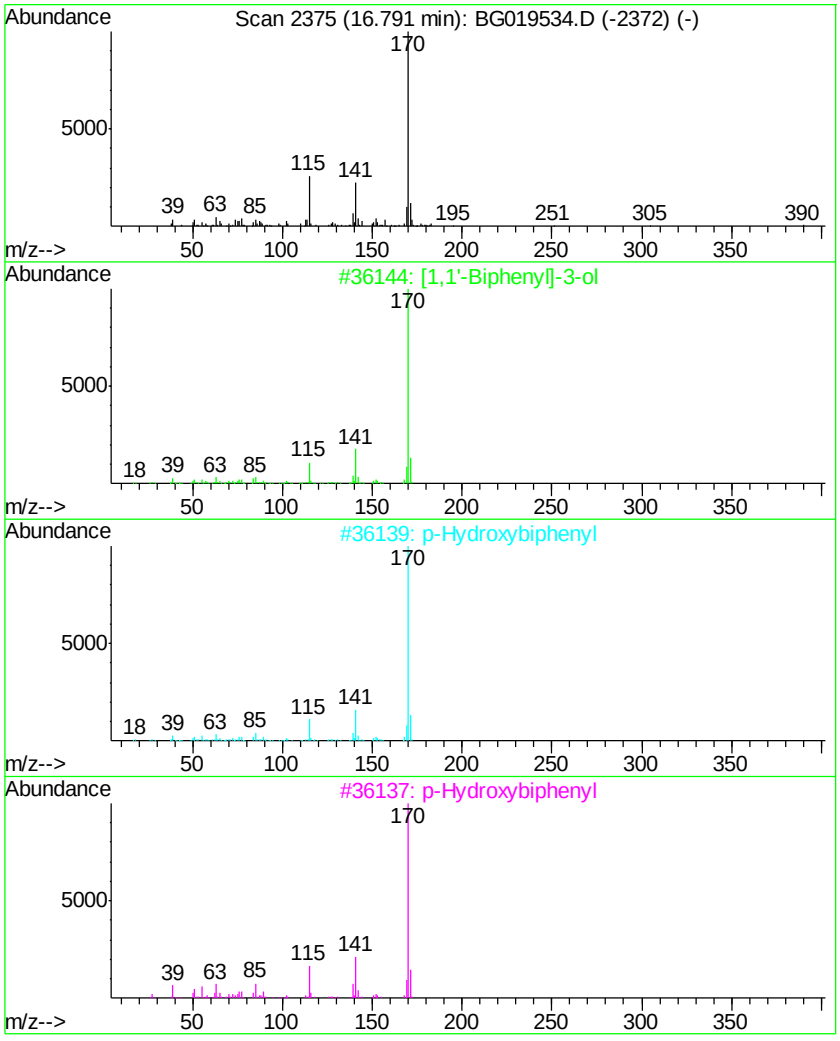
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

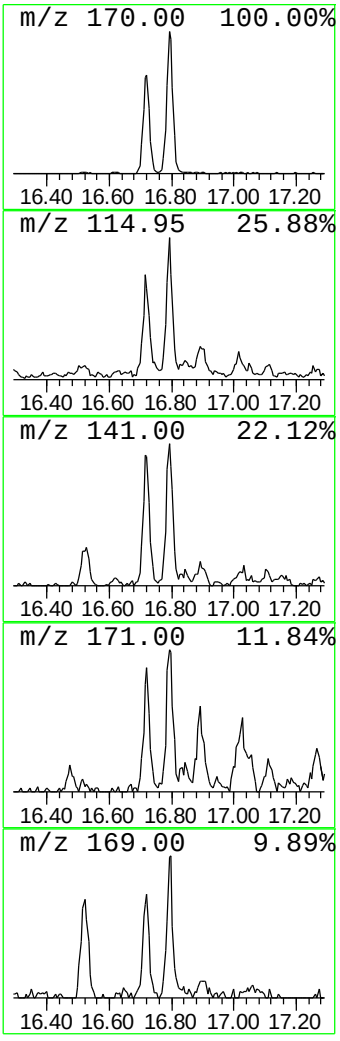
****

Peak Number 29 [1,1'-Biphenyl]-3-ol Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	6.47 ng/ul	286362	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-3-ol	170	C12H10O	000580-51-8	91
2	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	91
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	87
4	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	86
5	[1,1'-Biphenyl]-4-ol, acetate	212	C14H12O2	000148-86-7	78





Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
Data File : BG019534.D
Acq On : 9 Nov 2015 15:53
Operator : UM/NP
Sample : G4245-17DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY52DL

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

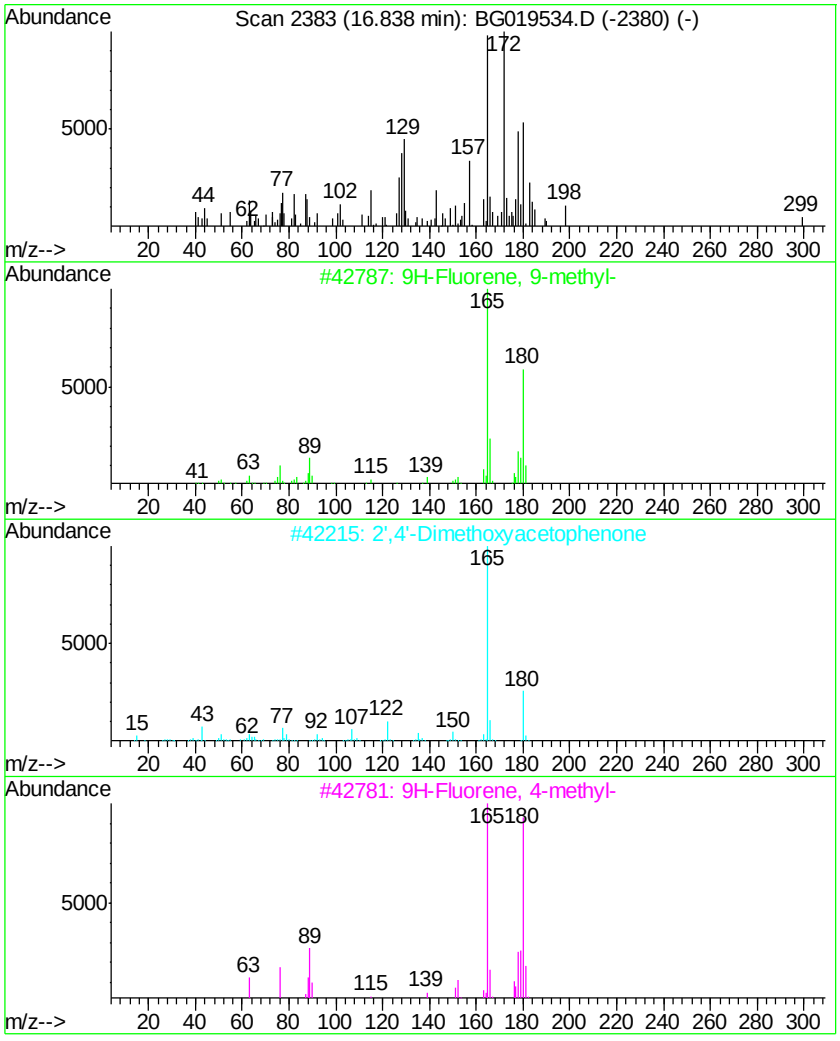
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

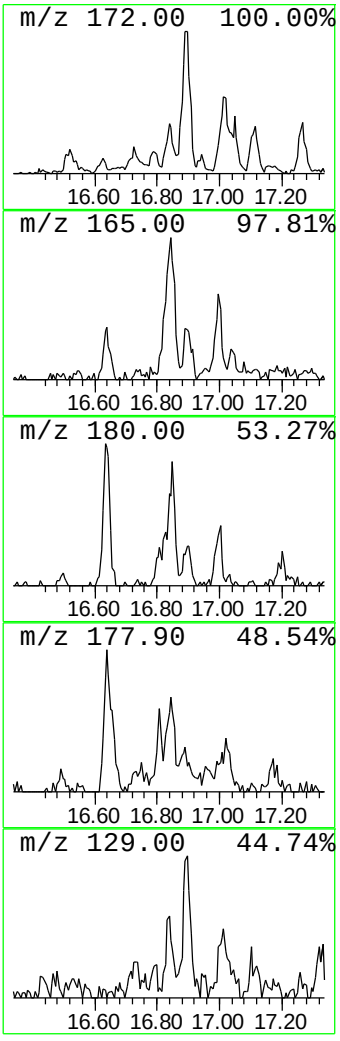
****

Peak Number 30 unknown-03 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	3.02 ng/ul	133591	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	25
2	2',4'-Dimethoxyacetophenone	180	C10H12O3	000829-20-9	25
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	22
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	22
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	22





Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
Data File : BG019534.D
Acq On : 9 Nov 2015 15:53
Operator : UM/NP
Sample : G4245-17DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY52DL

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

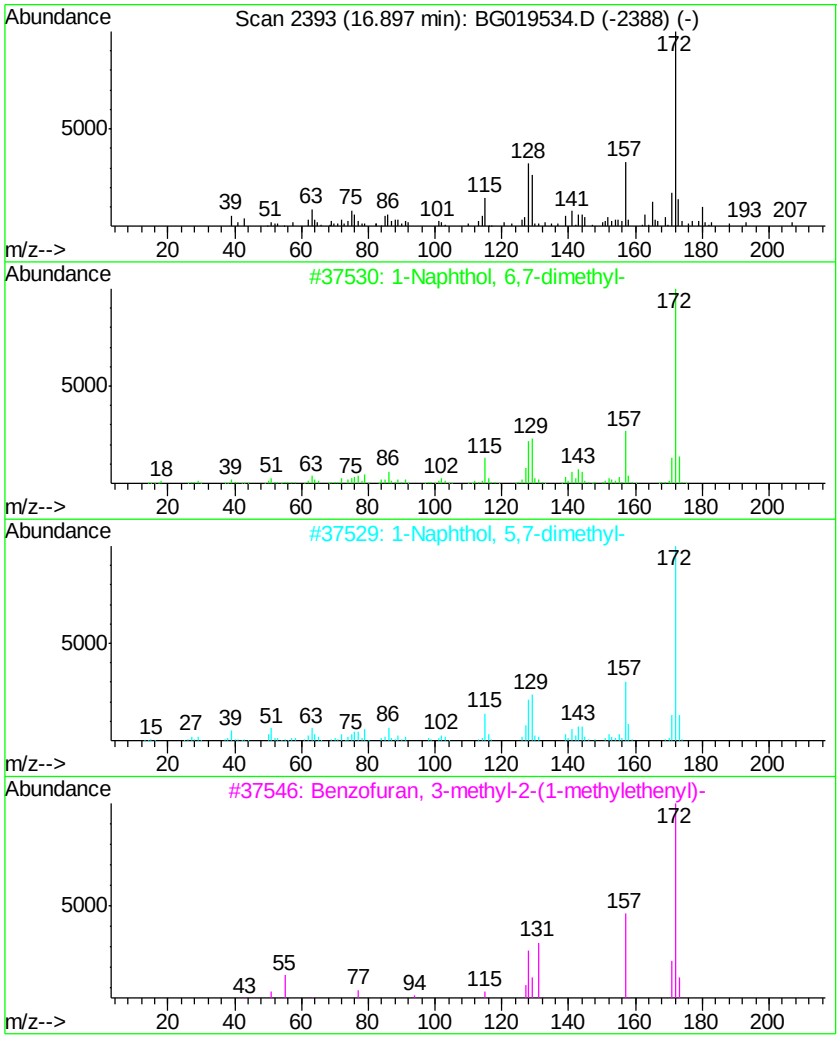
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

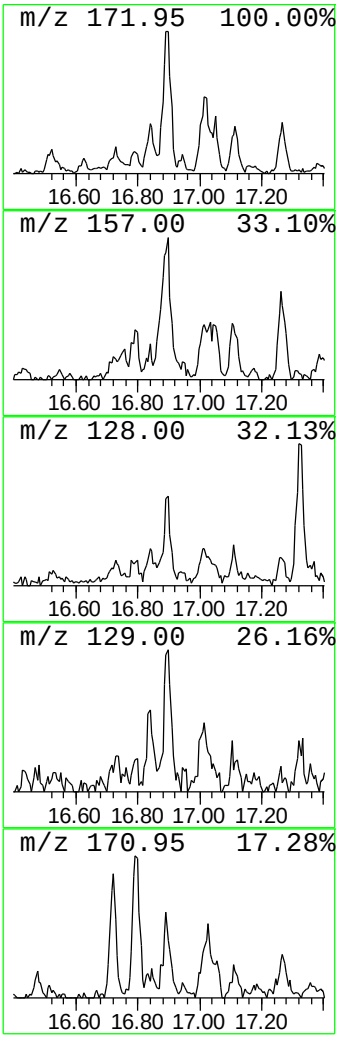
****

Peak Number 31 1-Naphthol, 6,7-dimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	3.95 ng/ul	175165	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthol, 6,7-dimethyl-	172	C12H12O	031776-14-4	87
2	1-Naphthol, 5,7-dimethyl-	172	C12H12O	031706-76-0	74
3	Benzofuran, 3-methyl-2-(1-methyl...	172	C12H12O	023911-58-2	64
4	(E)-2-[(Hydroxyimino)methyl]quin...	172	C10H8N2O	1000212-11-2	58
5	2-Cyclopenten-1-one, 3-methyl-2-...	172	C12H12O	050397-92-7	58





Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
Data File : BG019534.D
Acq On : 9 Nov 2015 15:53
Operator : UM/NP
Sample : G4245-17DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY52DL

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

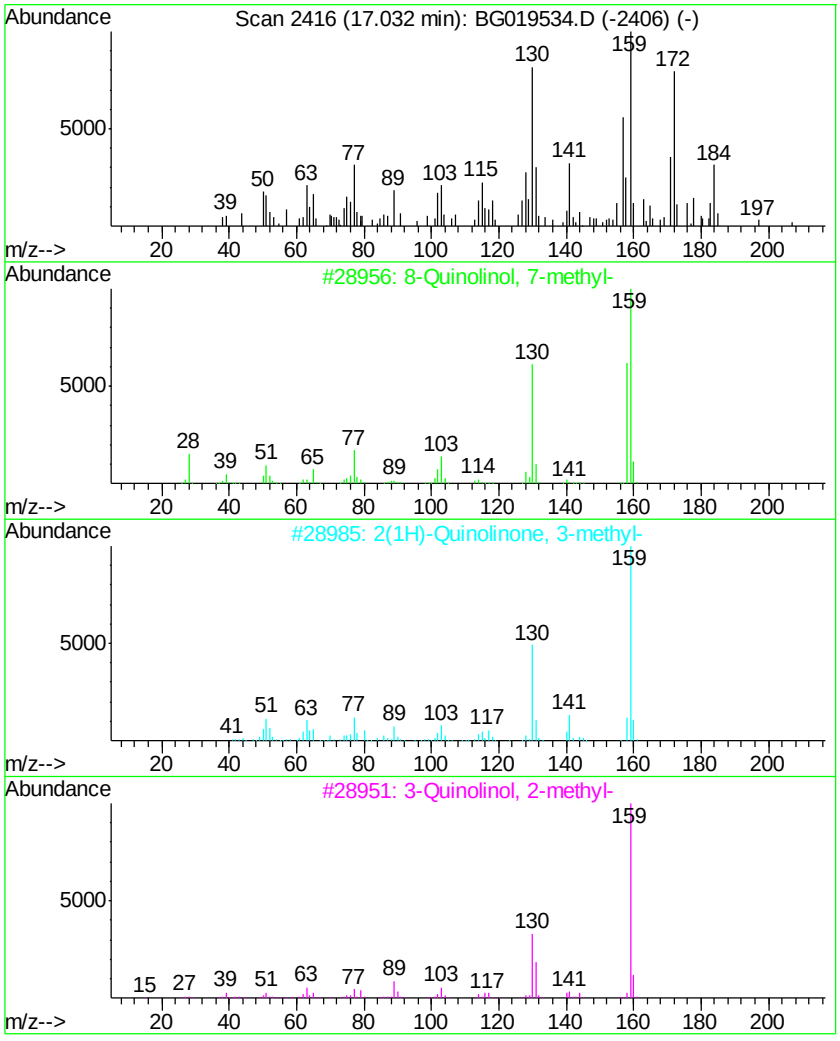
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

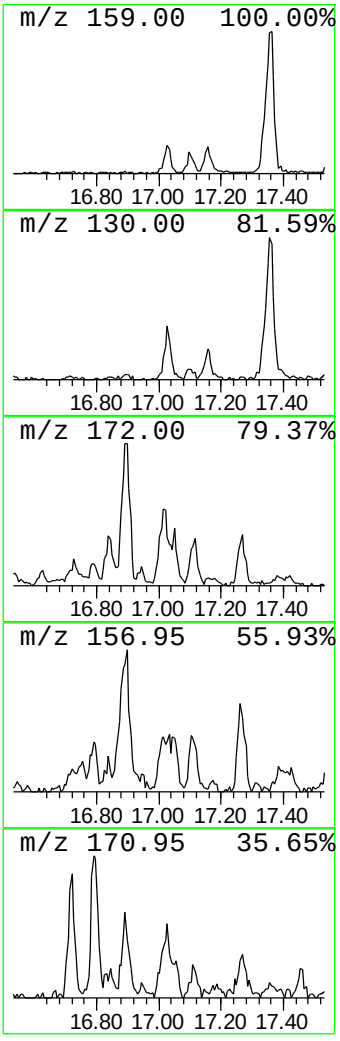
****

Peak Number 32 unknown-04 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.03	4.64 ng/ul	205306	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Quinolinol, 7-methyl-	159	C10H9NO	005541-68-4	42
2	2(1H)-Quinolinone, 3-methyl-	159	C10H9NO	002721-59-7	42
3	3-Quinolinol, 2-methyl-	159	C10H9NO	000613-19-4	38
4	2-Quinolinemethanol	159	C10H9NO	001780-17-2	38
5	1-Naphthalenecarboxaldehyde, 2-h...	172	C11H8O2	000708-06-5	35





Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
Data File : BG019534.D
Acq On : 9 Nov 2015 15:53
Operator : UM/NP
Sample : G4245-17DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY52DL

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

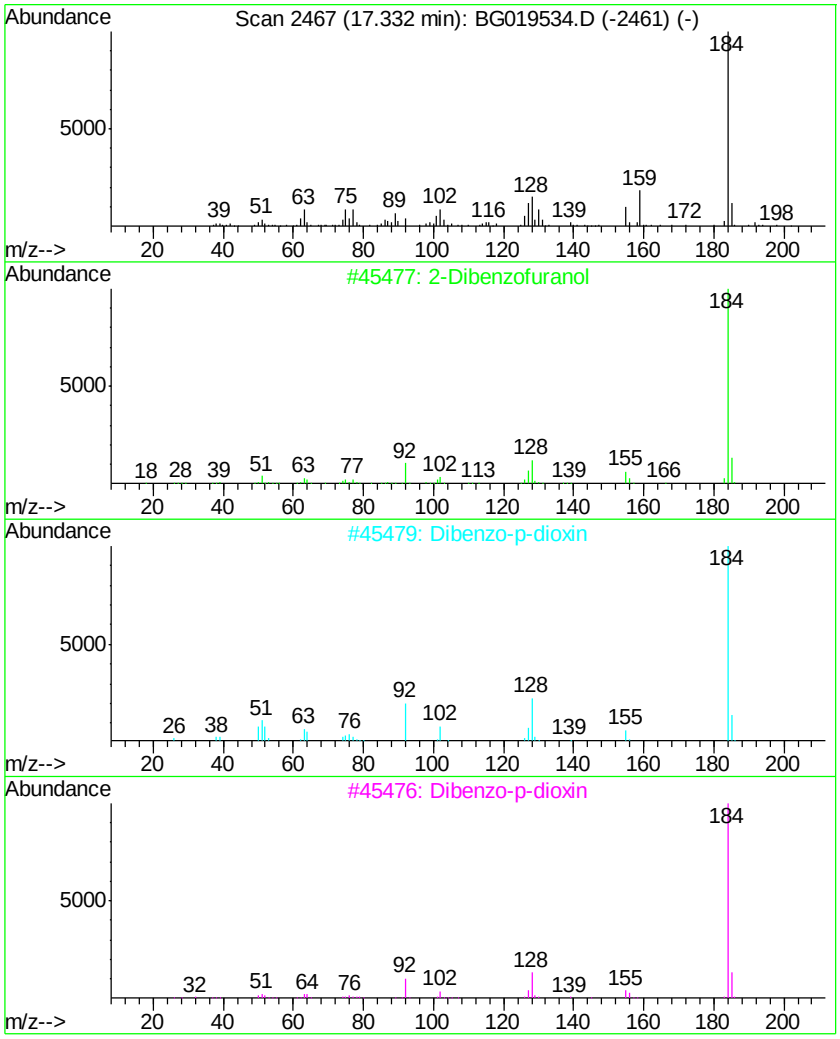
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

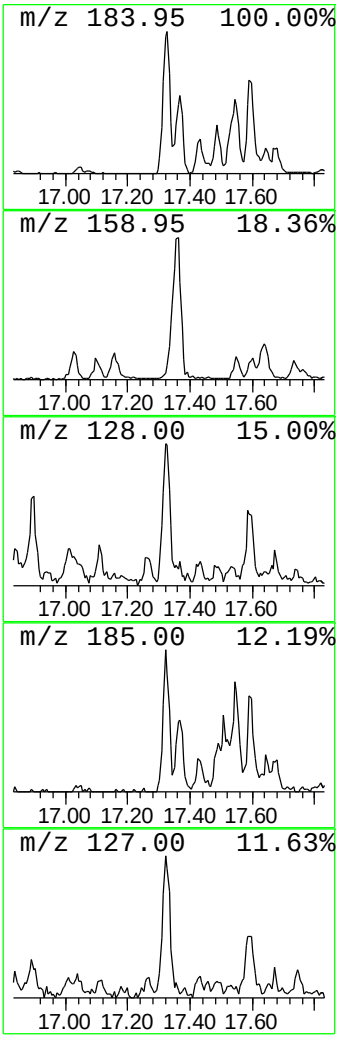
****

Peak Number 33 2-Dibenzofuranol Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.33	6.50 ng/ul	288109	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	80
2	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	80
3	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	72
4	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	56
5	2-Dibenzofuranol	184	C12H8O2	000086-77-1	56





Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
Data File : BG019534.D
Acq On : 9 Nov 2015 15:53
Operator : UM/NP
Sample : G4245-17DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY52DL

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

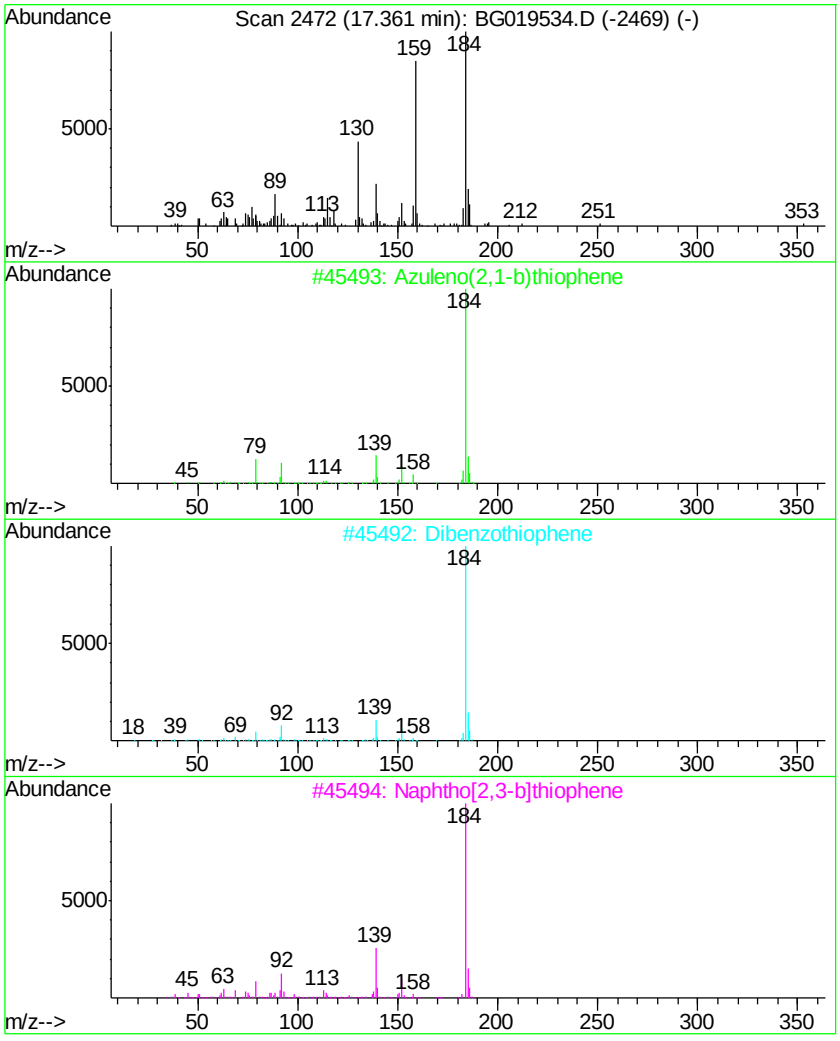
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

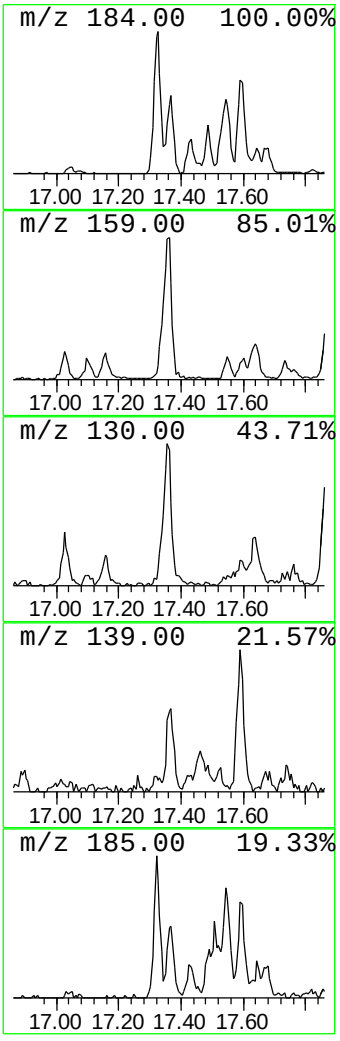
****

Peak Number 34 Azuleno(2,1-b)thiophene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	6.61 ng/ul	292942	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	55
2	Dibenzothiophene	184	C12H8S	000132-65-0	50
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	46
4	Dibenzothiophene	184	C12H8S	000132-65-0	46
5	Dibenzothiophene	184	C12H8S	000132-65-0	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\Data\BG110915\
Data File : BG019534.D
Acq On : 9 Nov 2015 15:53
Operator : UM/NP
Sample : G4245-17DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY52DL

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
unknown-01	3.20	6.9	ng/ul	78620	1	8.17	226449	20.0
Benzene, 1,3-dime...	5.77	14.2	ng/ul	160440	1	8.17	226449	20.0
Benzene, 1-ethyl-...	7.24	8.7	ng/ul	98862	1	8.17	226449	20.0
Benzene, 1,2,3-tr...	7.38	17.1	ng/ul	193002	1	8.17	226449	20.0
Benzene, 1,2,4-tr...	8.28	13.2	ng/ul	149308	1	8.17	226449	20.0
Benzene, cyclopro...	8.55	157.9	ng/ul	1787470	1	8.17	226449	20.0
Benzene, 1-propynyl-	8.72	148.1	ng/ul	1677120	1	8.17	226449	20.0
Benzene, 2-ethyl-...	9.28	7.3	ng/ul	83117	1	8.17	226449	20.0
Benzofuran, 7-met...	9.54	14.8	ng/ul	168080	1	8.17	226449	20.0
Naphthalene, 1,3-...	13.84	7.3	ng/ul	181933	3	14.81	497742	20.0
Naphthalene, 2,7-...	13.97	10.2	ng/ul	254597	3	14.81	497742	20.0
Naphthalene, 2,3-...	14.36	5.9	ng/ul	146733	3	14.81	497742	20.0
2-Naphthalenol	15.08	10.5	ng/ul	261851	3	14.81	497742	20.0
trans-4-Phenyl-3-...	15.28	9.3	ng/ul	232447	3	14.81	497742	20.0
1-Naphthalenol, 2...	15.97	24.5	ng/ul	610801	3	14.81	497742	20.0
unknown-02	16.06	11.6	ng/ul	289037	3	14.81	497742	20.0
Dibenzofuran, 4-m...	16.14	3.5	ng/ul	88089	3	14.81	497742	20.0
1-Naphthalenol, 4...	16.22	2.2	ng/ul	97169	4	17.55	885856	20.0
1(2H)-Acenaphthyl...	16.52	7.9	ng/ul	348255	4	17.55	885856	20.0
1,2-Diphenylethylene	16.63	2.5	ng/ul	109429	4	17.55	885856	20.0
p-Hydroxybiphenyl	16.72	5.7	ng/ul	250798	4	17.55	885856	20.0
Isoquinoline, 2-o...	16.76	3.5	ng/ul	155767	4	17.55	885856	20.0
[1,1'-Biphenyl]-3-ol	16.79	6.5	ng/ul	286362	4	17.55	885856	20.0
unknown-03	16.84	3.0	ng/ul	133591	4	17.55	885856	20.0
1-Naphthol, 6,7-d...	16.90	4.0	ng/ul	175165	4	17.55	885856	20.0
unknown-04	17.03	4.6	ng/ul	205306	4	17.55	885856	20.0
2-Dibenzofuranol	17.33	6.5	ng/ul	288109	4	17.55	885856	20.0
Azuleno(2,1-b)thi...	17.36	6.6	ng/ul	292942	4	17.55	885856	20.0