LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012218\
Data File : BG032218.D
Acq On : 22 Jan 2018 19:30
Operator : SJ/JU
Sample : J1194-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02R9

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\SOM-EPA-BG012218.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	3.376	10	15	26	rVB	112330	193749	9.28%	1.143%
2	3.781	80	84	89	rVB4	5969	8704	0.42%	0.051%
3	4.457	195	199	206	rBV	7600	11071	0.53%	0.065%
4	4.663	230	234	239	rVB5	3392	4181	0.20%	0.025%
5	5.115	305	311	321	rBV	20664	31994	1.53%	0.189%
6	5.891	439	443	447	rVB3	4160	6345	0.30%	0.037%
7	6.002	456	462	468	rBV	14318	21405	1.02%	0.126%
8	7.383	691	697	702	rBB	4435	6859	0.33%	0.040%
9	7.536	721	723	727	rVB2	3233	2849	0.14%	0.017%
10	7.771	758	763	768	rBV2	34233	53585	2.57%	0.316%
11	7.835	768	774	784	rVB2	48706	87983	4.21%	0.519%
12	8.012	797	804	816	rBV	102548	182354	8.73%	1.075%
13	8.241	836	843	846	rBV	138669	267932	12.83%	1.580%
14	8.617	900	907	910	rBV4	4275	6755	0.32%	0.040%
15	8.728	919	926	937	rVB	125353	227075	10.87%	1.339%
16	8.952	959	964	970	rBB2	9416	13705	0.66%	0.081%
17	9.099	981	989	994	rBV2	2433	4740	0.23%	0.028%
18	9.428	1038	1045	1054	rVB	137592	256732	12.29%	1.514%
19	9.921	1118	1129	1138	rBV	155477	288594	13.82%	1.702%
20	10.280	1185	1190	1196	rVB3	12306	19658	0.94%	0.116%
21	10.374	1200	1206	1211	rBV	3505	5689	0.27%	0.034%
22	10.661	1248	1255	1265	rBV	143717	278704	13.34%	1.644%
23	11.208	1339	1348	1358	rBV	246754	462138	22.13%	2.725%
24	11.455	1385	1390	1396	rVB3	6641	10959	0.52%	0.065%
25	11.607	1406	1416	1425	rBV	178501	336771	16.12%	1.986%
26	11.989	1474	1481	1490	rBB3	24302	44686	2.14%	0.264%
27	12.195	1512	1516	1522	rBV2	2426	3921	0.19%	0.023%
28	12.401	1542	1551	1558	rBB3	23651	44284	2.12%	0.261%
29	12.765	1608	1613	1618	rBV3	6898	10361	0.50%	0.061%
30	12.853	1625	1628	1635	rBB3	2969	5187	0.25%	0.031%
31	13.158	1672	1680	1684	rBV2	3714	6669	0.32%	0.039%
32	13.523	1736	1742	1749	rBV2	19713	30939	1.48%	0.182%
33	13.799	1785	1789	1794	rBV3	10228	14974	0.72%	0.088%
34	13.875	1796	1802	1805	rBV	1852	2656	0.13%	0.016%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012218\
Data File : BG032218.D
Acq On : 22 Jan 2018 19:30
Operator : SJ/JU
Sample : J1194-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02R9

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\SOM-EPA-BG012218.M
Title : SVOA CALIBRATION

35	13.946	1810	1814	1817	rBV	2929	4304	0.21%	0.025%
36	14.016	1817	1826	1832	rBV5	9026	16293	0.78%	0.096%
37	14.169	1844	1852	1859	rBV4	27090	50378	2.41%	0.297%
38	14.328	1872	1879	1881	rBV2	5455	9180	0.44%	0.054%
39	14.363	1881	1885	1892	rVB5	6911	15798	0.76%	0.093%
40	14.739	1939	1949	1957	rBV	506845	772126	36.97%	4.553%
41	14.815	1957	1962	1967	rVB2	12978	20114	0.96%	0.119%
42	14.968	1983	1988	1996	rBV5	14811	31128	1.49%	0.184%
43	15.062	1996	2004	2013	rVV	527517	887822	42.51%	5.235%
44	15.133	2013	2016	2023	rVB3	1729	3097	0.15%	0.018%
45	15.362	2044	2055	2066	rBV2	324071	545487	26.12%	3.217%
46	15.515	2075	2081	2088	rBV2	49797	83361	3.99%	0.492%
47	15.826	2129	2134	2142	rBV3	11048	16636	0.80%	0.098%
48	15.932	2146	2152	2154	rBV3	3198	4647	0.22%	0.027%
49	15.967	2154	2158	2162	rVB2	4489	6427	0.31%	0.038%
50	16.126	2181	2185	2190	rVB	2964	4327	0.21%	0.026%
51	16.249	2202	2206	2210	rVB3	8322	10475	0.50%	0.062%
52	16.343	2215	2222	2232	rVV	749229	1151729	55.14%	6.792%
53	16.437	2232	2238	2248	rVV	218938	336040	16.09%	1.982%
54	16.578	2257	2262	2268	rBV3	8875	14807	0.71%	0.087%
55	16.795	2293	2299	2304	rBV2	11361	18717	0.90%	0.110%
56	16.842	2304	2307	2312	rVV4	8758	11169	0.53%	0.066%
57	16.901	2312	2317	2322	rVV4	13332	21064	1.01%	0.124%
58	17.007	2326	2335	2343	rBV	10828	17944	0.86%	0.106%
59	17.066	2343	2345	2349	rVV3	5174	7099	0.34%	0.042%
60	17.119	2351	2354	2363	rVV2	2361	4155	0.20%	0.025%
61	17.195	2363	2367	2372	rVV4	5206	7818	0.37%	0.046%
62	17.295	2374	2384	2390	rVB4	36522	55942	2.68%	0.330%
63	17.436	2404	2408	2411	rBV2	3772	4067	0.19%	0.024%
64	17.471	2411	2414	2415	rBV	10036	9248	0.44%	0.055%
65	17.624	2435	2440	2450	rBV3	39941	65627	3.14%	0.387%
66	17.859	2475	2480	2489	rBV2	18416	29388	1.41%	0.173%
67	18.094	2510	2520	2530	rBV2	434071	691655	33.12%	4.079%
68	18.194	2530	2537	2547	rBV	810097	1273512	60.97%	7.510%
69	18.276	2547	2551	2554	rBV4	9071	10440	0.50%	0.062%
70	18.323	2555	2559	2561	rBV4	3656	4604	0.22%	0.027%
71	18.552	2593	2598	2601	rBV2	3558	4500	0.22%	0.027%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012218\
Data File : BG032218.D
Acq On : 22 Jan 2018 19:30
Operator : SJ/JU
Sample : J1194-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02R9

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\SOM-EPA-BG012218.M
Title : SVOA CALIBRATION

72	18.699	2617	2623	2624	rBV4	5085	6861	0.33%	0.040%
73	18.793	2635	2639	2643	rVB3	7316	10124	0.48%	0.060%
74	18.864	2648	2651	2655	rBV3	2495	3237	0.15%	0.019%
75	18.911	2655	2659	2662	rBV3	2970	3802	0.18%	0.022%
76	19.034	2677	2680	2685	rVB4	7496	10589	0.51%	0.062%
77	19.151	2698	2700	2703	rVB3	3001	3004	0.14%	0.018%
78	19.281	2716	2722	2725	rBV5	4379	6531	0.31%	0.039%
79	19.428	2737	2747	2756	rBV	1360050	2088596	100.00%	12.316%
80	19.504	2756	2760	2763	rVV2	20151	24246	1.16%	0.143%
81	19.551	2763	2768	2775	rVB2	76786	110768	5.30%	0.653%
82	19.715	2792	2796	2799	rBV4	33693	53825	2.58%	0.317%
83	19.751	2799	2802	2806	rVV2	52495	69985	3.35%	0.413%
84	19.798	2806	2810	2815	rVB7	19708	32586	1.56%	0.192%
85	20.027	2845	2849	2853	rBV5	7422	9250	0.44%	0.055%
86	20.068	2853	2856	2860	rVB2	9568	14160	0.68%	0.084%
87	20.291	2890	2894	2896	rBV5	6233	7728	0.37%	0.046%
88	20.321	2897	2899	2907	rVB2	9141	12238	0.59%	0.072%
89	20.432	2911	2918	2924	rBV	1065720	1592258	76.24%	9.390%
90	20.744	2969	2971	2973	rVB2	3007	2613	0.13%	0.015%
91	20.773	2973	2976	2978	rBV2	2547	3587	0.17%	0.021%
92	20.914	2998	3000	3005	rVB4	5206	7711	0.37%	0.045%
93	21.167	3041	3043	3049	rVB6	3439	5035	0.24%	0.030%
94	22.424	3250	3257	3266	rBV2	495890	918615	43.98%	5.417%
95	23.253	3396	3398	3400	rBV3	4095	3495	0.17%	0.021%
96	23.376	3418	3419	3424	rVB4	3904	3820	0.18%	0.023%
97	25.679	3809	3811	3814	rBV3	3636	2717	0.13%	0.016%
98	25.855	3829	3841	3857	rBV2	506327	1754871	84.02%	10.348%
99	26.114	3873	3885	3905	rVB3	273969	967114	46.30%	5.703%
100	27.430	4096	4109	4116	rBV9	14444	53063	2.54%	0.313%

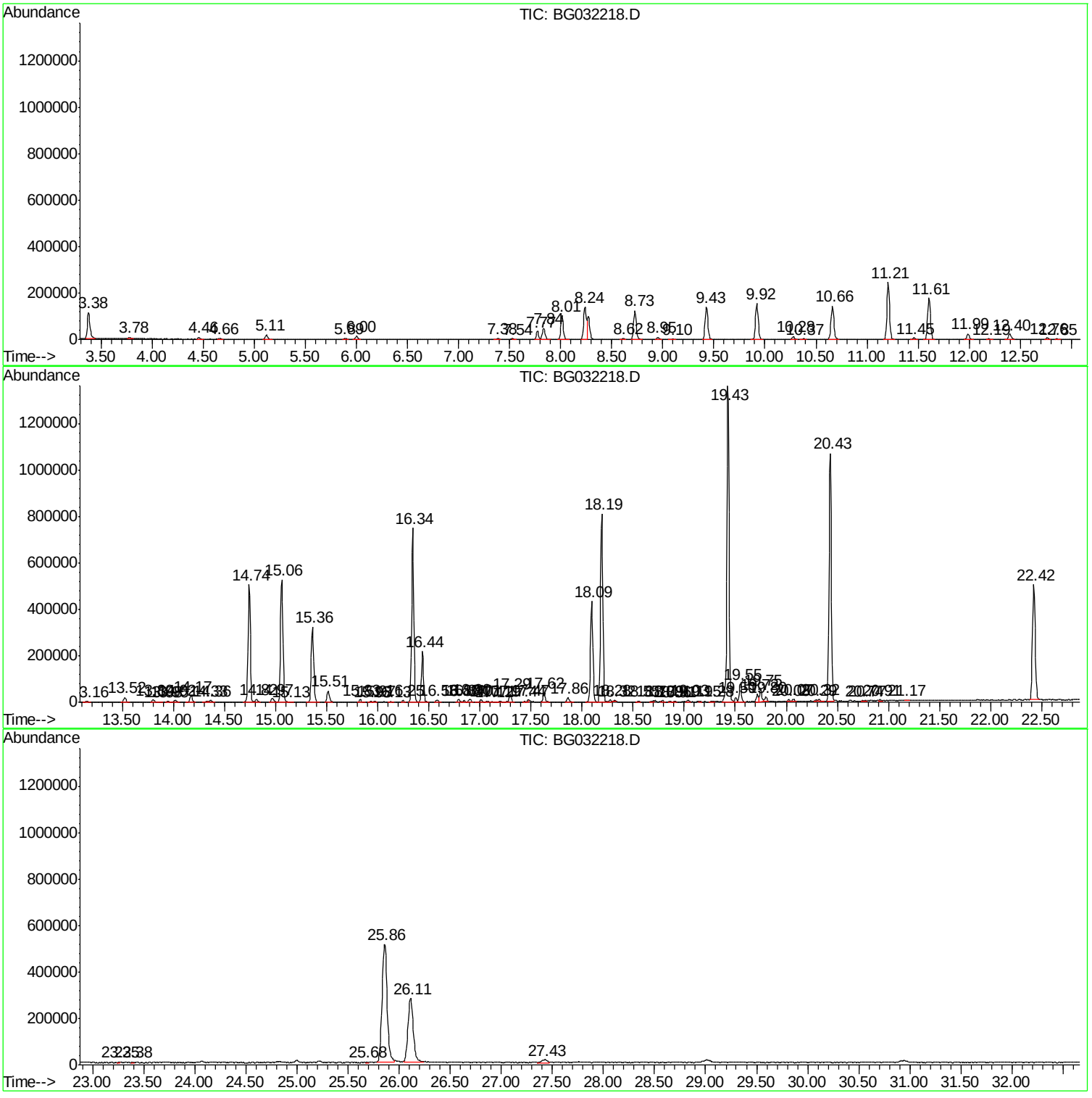
Sum of corrected areas: 16957762

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012218\
Data File : BG032218.D
Acq On : 22 Jan 2018 19:30
Operator : SJ/JU
Sample : J1194-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02R9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012218\
Data File : BG032218.D
Acq On : 22 Jan 2018 19:30
Operator : SJ/JU
Sample : J1194-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02R9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION

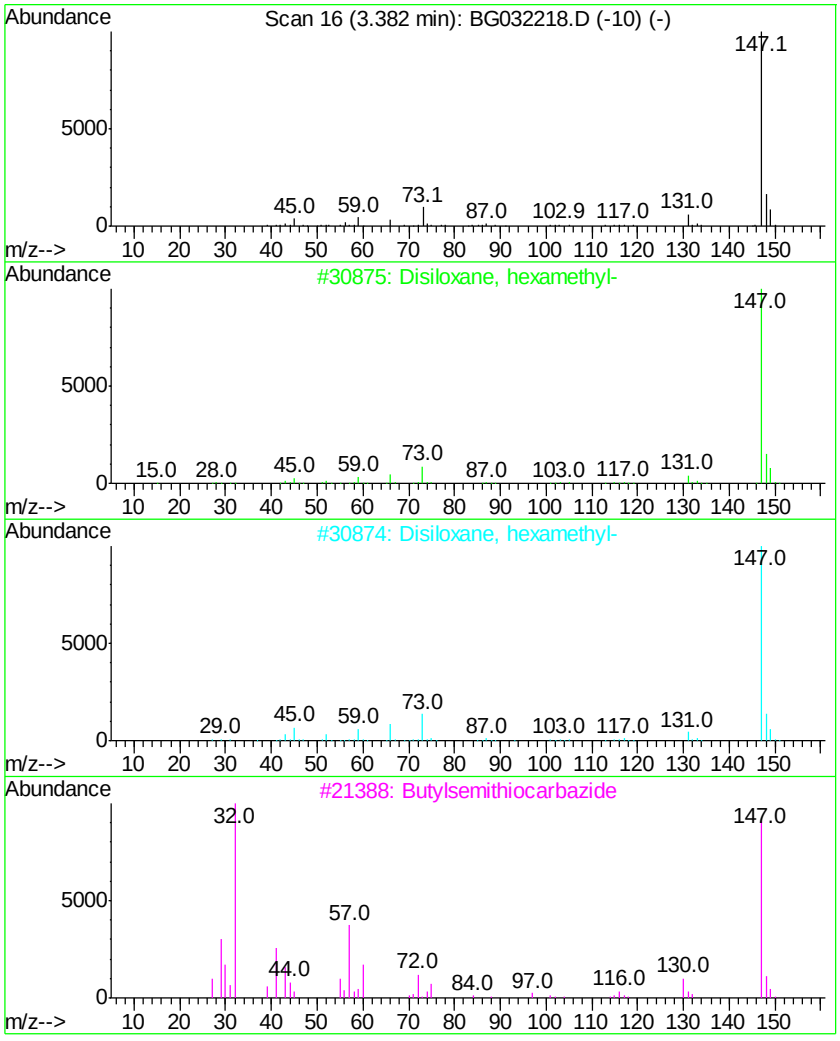
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

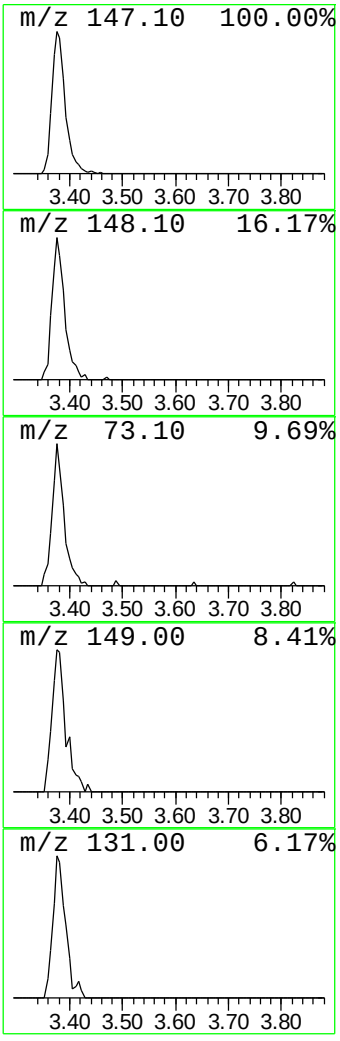
****

Peak Number 1 Disiloxane, hexamethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.38	17.06 ng/ul	193749	1,4-Dichlorobenzene-d4	8.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disiloxane, hexamethyl-	162	C6H18OSi2	000107-46-0	78
2	Disiloxane, hexamethyl-	162	C6H18OSi2	000107-46-0	64
3	Butylsemithiocarbazide	147	C5H13N3S	006610-31-7	64
4	Disiloxane, hexamethyl-	162	C6H18OSi2	000107-46-0	64
5	1,2,4-Triazolidine-3,5-dithione,...	147	C3H5N3S2	013625-51-9	56





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012218\
Data File : BG032218.D
Acq On : 22 Jan 2018 19:30
Operator : SJ/JU
Sample : J1194-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02R9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION

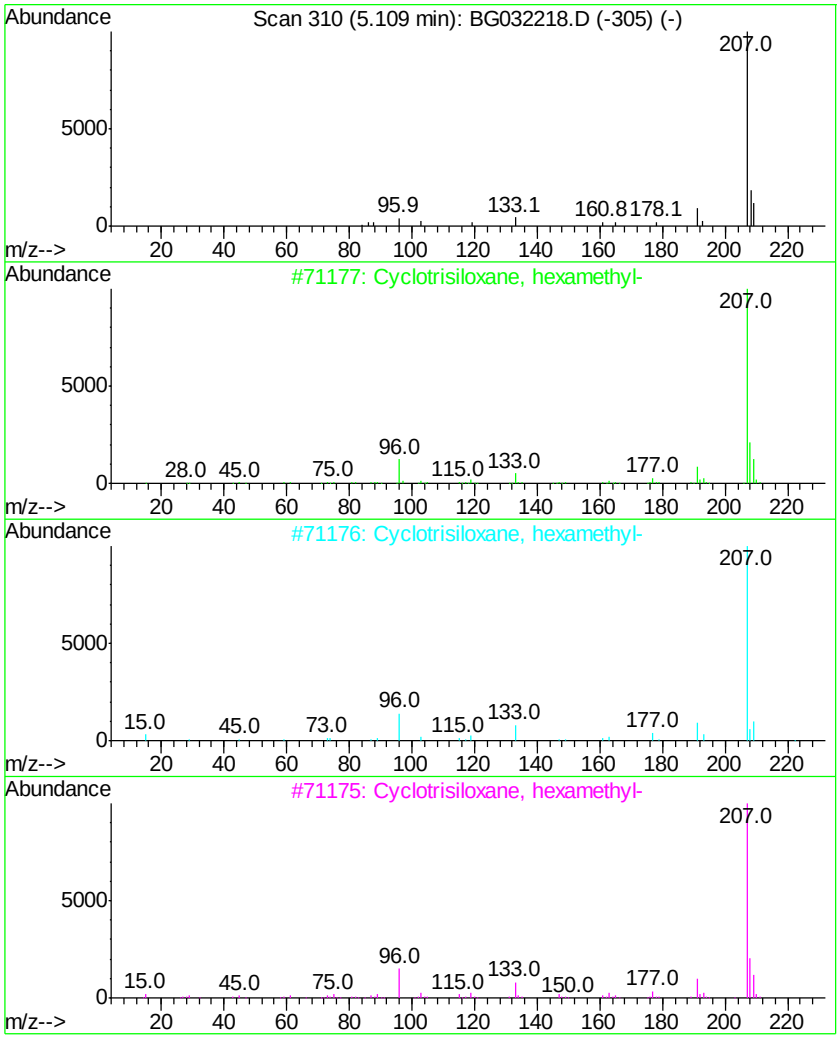
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

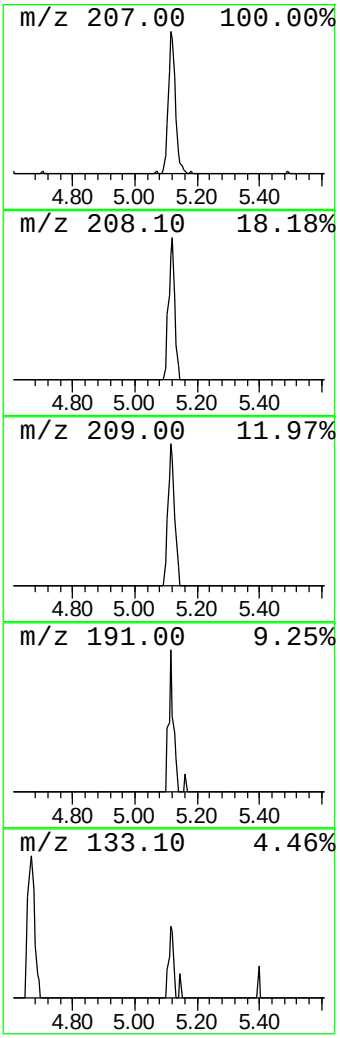
****

Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	2.82 ng/ul	31994	1,4-Dichlorobenzene-d4	8.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	74
2	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	56
3	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	53
4	o-(p-Tolyl) 1-azetidinecarbothioate	207	C11H13NOS	010560-24-4	45
5	Anthracene, 9,10-diethyl-9,10-di...	236	C18H20	046868-29-5	39





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012218\
Data File : BG032218.D
Acq On : 22 Jan 2018 19:30
Operator : SJ/JU
Sample : J1194-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02R9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION

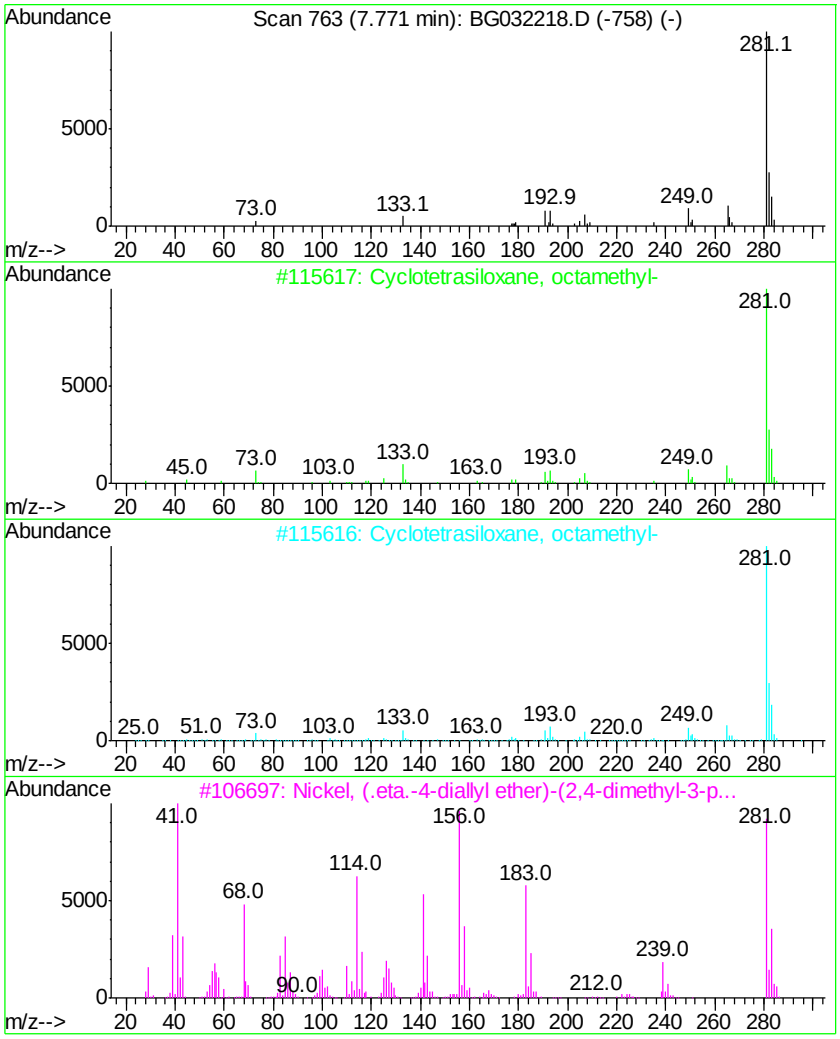
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

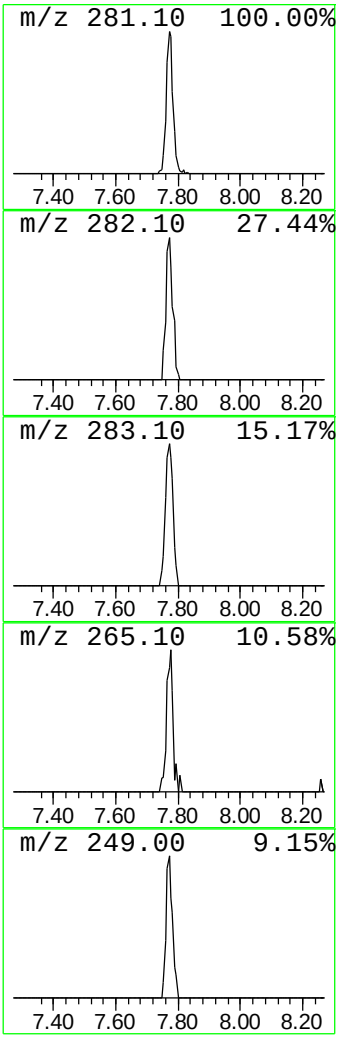
****

Peak Number 3 Cyclotetrasiloxane, octamet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	4.72 ng/ul	53585	1,4-Dichlorobenzene-d4	8.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
2	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
3	Nickel, (.eta.-4-diallyl ether)-...	281	C14H25NNiO	1000161-02-8	59
4	Benzoic acid, 4-methyl-2-trimeth...	296	C14H24O3Si2	1000153-59-3	59
5	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	56





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012218\
Data File : BG032218.D
Acq On : 22 Jan 2018 19:30
Operator : SJ/JU
Sample : J1194-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02R9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION

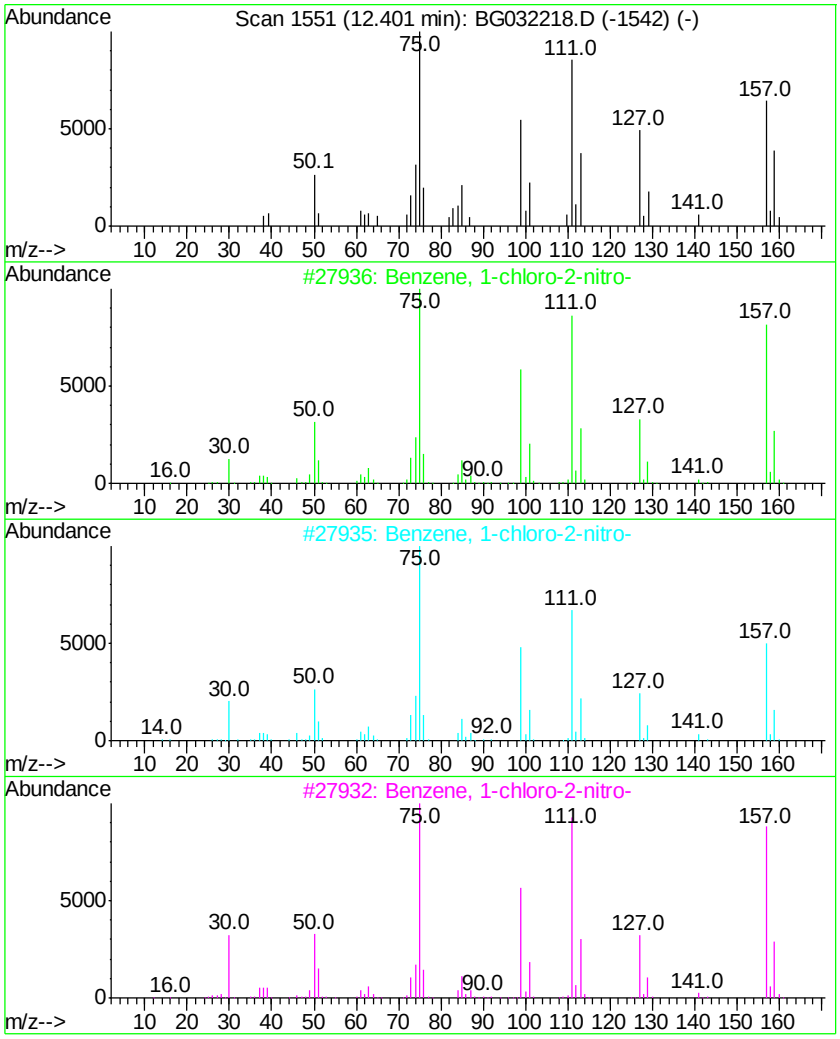
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

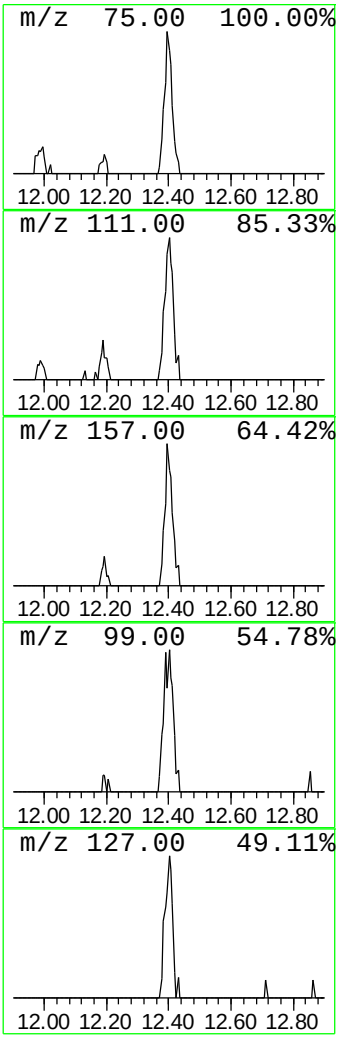
****

Peak Number 5 Benzene, 1-chloro-2-nitro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	2.63 ng/ul	44284	Naphthalene-d8	11.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	87
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	81
3	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	74
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	68
5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012218\
Data File : BG032218.D
Acq On : 22 Jan 2018 19:30
Operator : SJ/JU
Sample : J1194-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02R9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION

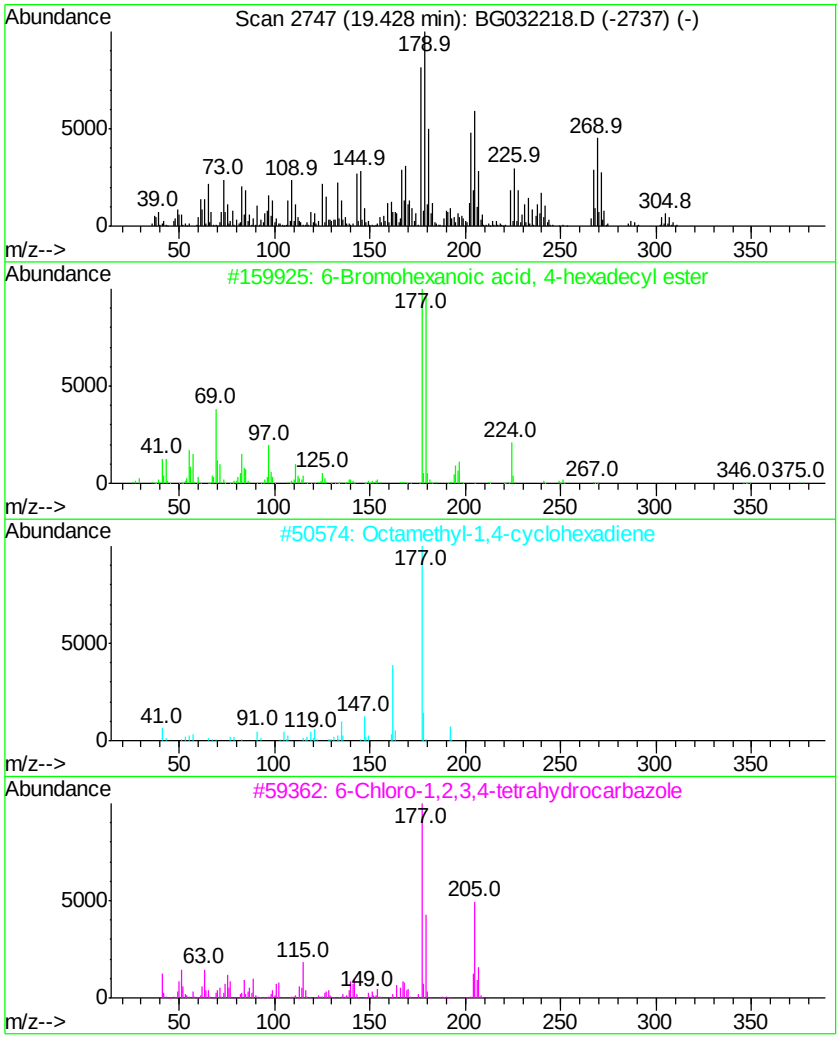
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

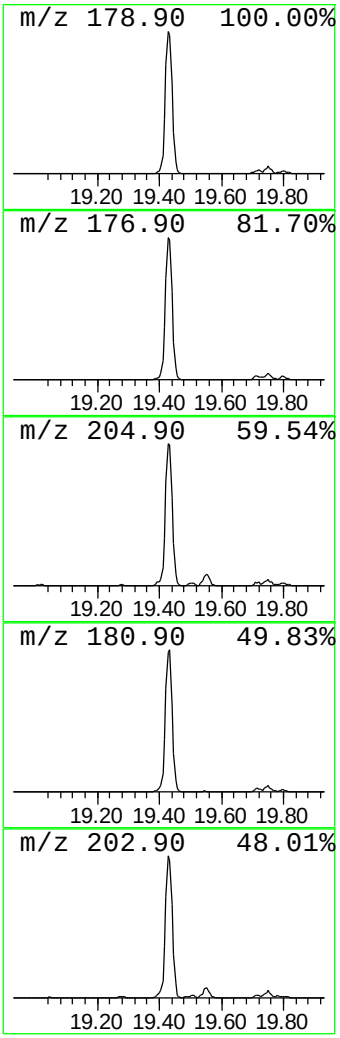
****

Peak Number 6 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.43	60.39 ng/ul	2088600	Phenanthrene-d10	18.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Bromohexanoic acid, 4-hexadecv...	418	C22H43BrO2	1000282-90-6	27
2	Octamethyl-1,4-cyclohexadiene	192	C14H24	172684-93-4	25
3	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	22
4	Benzene, 1-fluoro-2-(trichlorome...	212	C7H4Cl3F	000488-98-2	22
5	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	014901-07-6	15





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012218\
Data File : BG032218.D
Acq On : 22 Jan 2018 19:30
Operator : SJ/JU
Sample : J1194-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02R9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION

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

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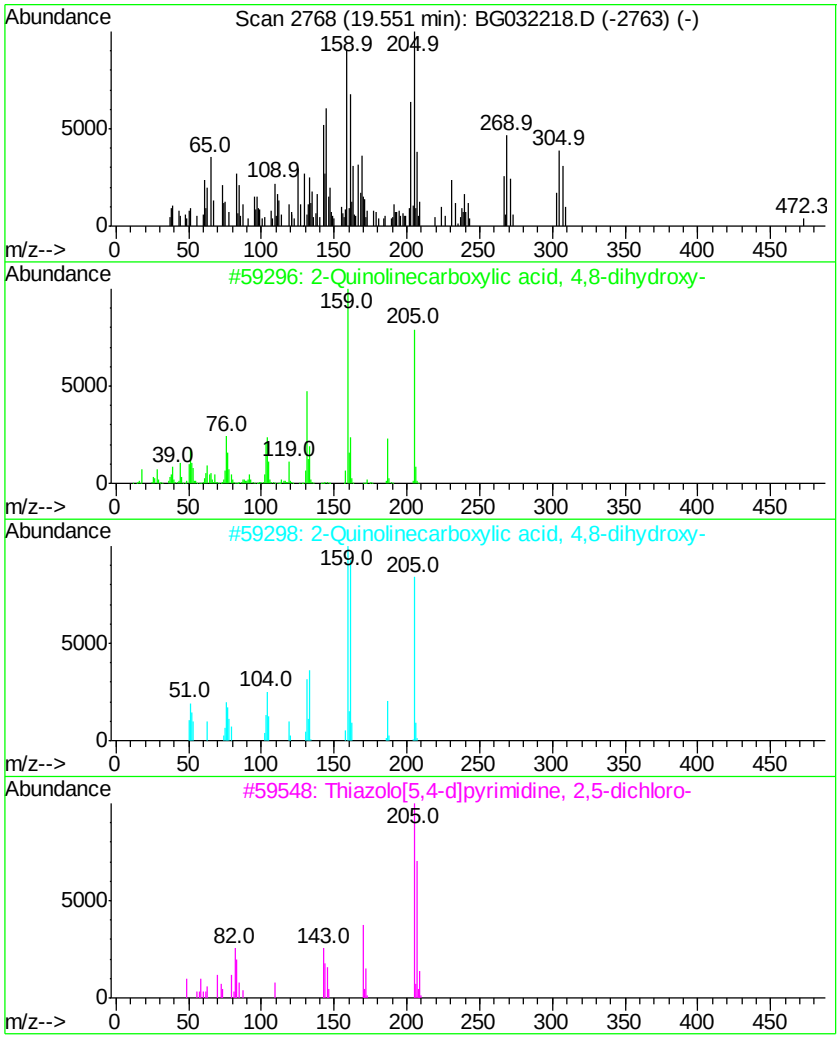
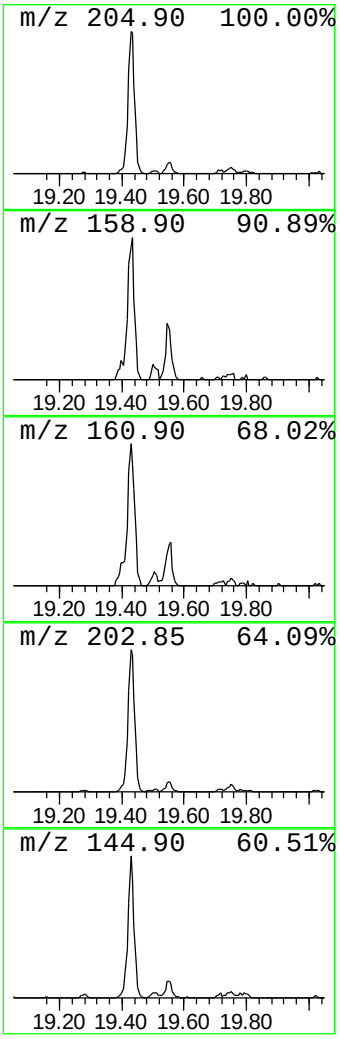
Peak Number 7 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	3.20 ng/ul	110768	Phenanthrene-d10	18.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Quinolinecarboxylic acid, 4,8-...	205	C10H7NO4	000059-00-7	30
2	2-Quinolinecarboxylic acid, 4,8-...	205	C10H7NO4	000059-00-7	25
3	Thiazolo[5,4-d]pyrimidine, 2,5-d...	205	C5HCl2N3S	013479-89-5	14
4	1-Benzenecarbonyl chloride, 2,4-...	238	C8H5Cl3O2	1000196-85-1	11
5	3-Amino-5-trifluoromethylbenzoic...	205	C8H6F3NO2	000328-68-7	11





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012218\
Data File : BG032218.D
Acq On : 22 Jan 2018 19:30
Operator : SJ/JU
Sample : J1194-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02R9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION

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

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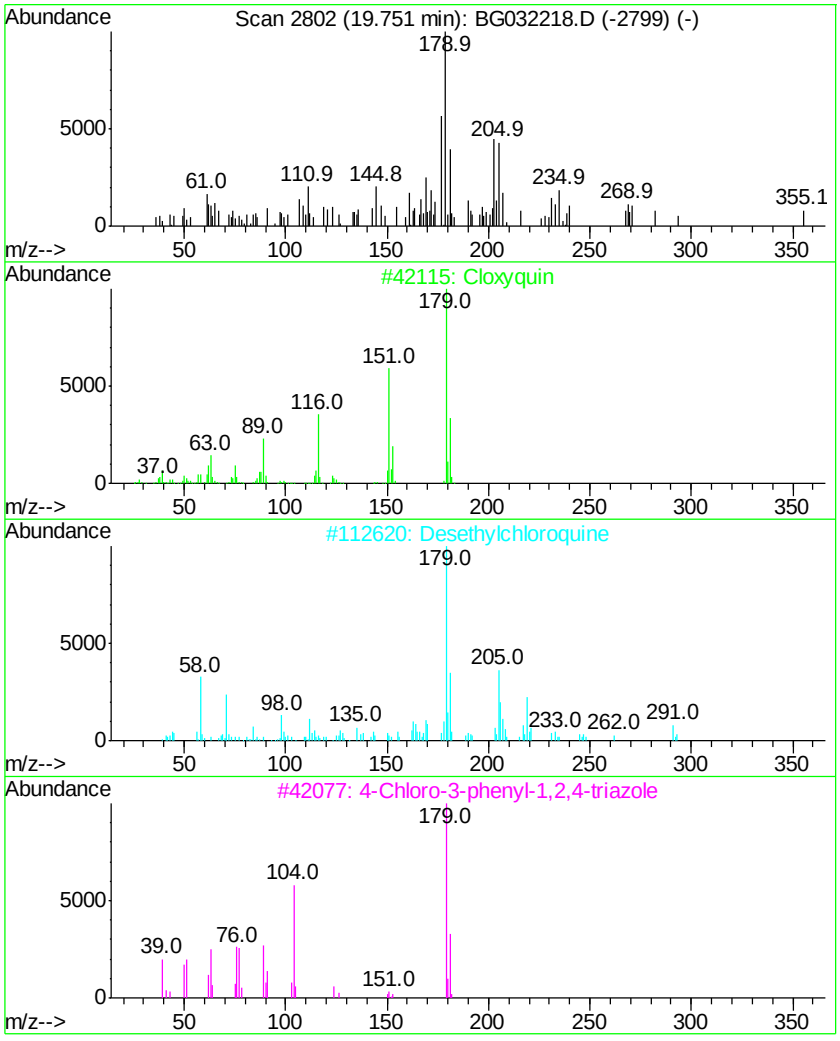
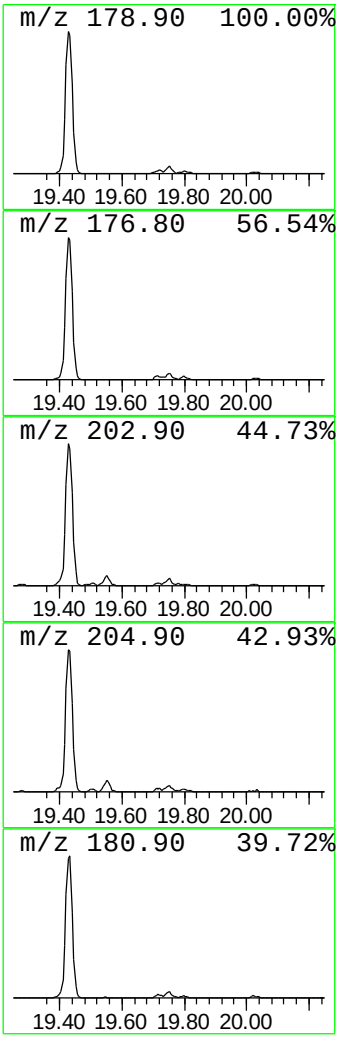
Peak Number 8 unknown-03 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	2.02 ng/ul	69985	Phenanthrene-d10	18.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cloxyquin	179	C9H6ClNO	000130-16-5	38
2	Desethylchloroquine	291	C16H22ClN3	001476-52-4	25
3	4-Chloro-3-phenyl-1,2,4-triazole	179	C8H6ClN3	1000147-16-1	12
4	7-Chloro-4-hydroxyquinoline	179	C9H6ClNO	000086-99-7	12
5	Isoxazole, 3,4-dimethyl-5-(2-thi...	179	C9H9NOS	056421-65-9	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012218\
Data File : BG032218.D
Acq On : 22 Jan 2018 19:30
Operator : SJ/JU
Sample : J1194-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02R9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG012218.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
Disiloxane, hexam...	3.38	17.1	ng/ul	193749	1	8.73	227075	20.0
Cyclotrisiloxane,...	5.11	2.8	ng/ul	31994	1	8.73	227075	20.0
Cyclotetrasiloxan...	7.77	4.7	ng/ul	53585	1	8.73	227075	20.0
Benzene, 1-chloro...	12.40	2.6	ng/ul	44284	2	11.61	336771	20.0
unknown-01	19.43	60.4	ng/ul	2088600	4	18.09	691655	20.0
unknown-02	19.55	3.2	ng/ul	110768	4	18.09	691655	20.0
unknown-03	19.75	2.0	ng/ul	69985	4	18.09	691655	20.0