LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM111617\
Data File : BM012969.D
Acq On : 16 Nov 2017 17:58
Operator : SJ/JU
Sample : I6260-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2B42

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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_M\METHODS\SOM-EPA-BM111617.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	3.252	25	28	33	rVB2	33140	42606	1.00%	0.048%
2	3.799	113	121	125	rBV2	48279	67035	1.58%	0.076%
3	6.893	641	647	649	rBV	630466	952647	22.47%	1.074%
4	6.916	649	651	658	rVB	610103	872587	20.58%	0.984%
5	7.069	671	677	683	rBV	445351	675853	15.94%	0.762%
6	7.263	703	710	712	rBV	614146	971188	22.90%	1.095%
7	7.293	712	715	724	rVB	598237	901918	21.27%	1.017%
8	7.728	781	789	797	rBV	526674	873024	20.59%	0.984%
9	8.428	900	908	919	rBV	761620	1233112	29.08%	1.390%
10	8.534	919	926	932	rVB	1102048	1672614	39.45%	1.885%
11	8.881	976	985	993	rBV	537662	884186	20.85%	0.997%
12	9.004	1001	1006	1013	rVB2	486592	723432	17.06%	0.815%
13	9.446	1075	1081	1087	rVB	482291	772373	18.22%	0.871%
14	9.599	1100	1107	1115	rVB	382794	642081	15.14%	0.724%
15	10.128	1190	1197	1205	rBV	757583	1253853	29.57%	1.413%
16	10.510	1255	1262	1267	rBV	684835	1215704	28.67%	1.370%
17	10.563	1267	1271	1278	rVB	857818	1349025	31.81%	1.521%
18	10.646	1278	1285	1295	rBV	662261	1143862	26.98%	1.289%
19	10.851	1312	1320	1327	rBV	1534194	2416780	57.00%	2.724%
20	11.793	1470	1480	1488	rBV	863365	1354723	31.95%	1.527%
21	12.587	1606	1615	1620	rBV2	48284	91271	2.15%	0.103%
22	12.669	1626	1629	1637	rVB	35524	56682	1.34%	0.064%
23	12.763	1637	1645	1649	rBV	998727	1922614	45.34%	2.167%
24	12.863	1657	1662	1666	rBV	503365	827213	19.51%	0.932%
25	13.075	1692	1698	1709	rVB2	41384	128000	3.02%	0.144%
26	13.204	1716	1720	1726	rVB3	32984	51757	1.22%	0.058%
27	13.287	1728	1734	1738	rBV2	35877	58965	1.39%	0.066%
28	13.786	1813	1819	1826	rVB	1319103	1829130	43.14%	2.062%
29	13.975	1846	1851	1859	rBV	309376	504637	11.90%	0.569%
30	14.063	1859	1866	1873	rVB	1427650	2173919	51.27%	2.450%
31	14.369	1911	1918	1925	rBV2	1024920	1552333	36.61%	1.750%
32	14.563	1944	1951	1962	rBV	652025	1010259	23.83%	1.139%
33	14.686	1966	1972	1976	rVV	1557018	2225352	52.48%	2.508%
34	14.728	1976	1979	1983	rVV	783402	1122380	26.47%	1.265%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM111617\
Data File : BM012969.D
Acq On : 16 Nov 2017 17:58
Operator : SJ/JU
Sample : I6260-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2B42

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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_M\METHODS\SOM-EPA-BM111617.M
Title : SVOA CALIBRATION

35	14.769	1983	1986	1993	rVB	739063	1004483	23.69%	1.132%
36	15.363	2081	2087	2095	rVB	1761146	2620063	61.79%	2.953%
37	15.475	2099	2106	2114	rBV	431355	604102	14.25%	0.681%
38	15.604	2123	2128	2135	rVB6	25355	45628	1.08%	0.051%
39	16.139	2214	2219	2224	rBV2	74528	98239	2.32%	0.111%
40	16.333	2248	2252	2258	rVB6	31743	52836	1.25%	0.060%
41	16.416	2260	2266	2272	rBV	1077277	1471102	34.69%	1.658%
42	16.763	2319	2325	2335	rBV	1453165	2067842	48.77%	2.331%
43	17.110	2378	2384	2389	rBV3	2804889	4240271	100.00%	4.779%
44	17.157	2389	2392	2397	rVV	1569264	2115064	49.88%	2.384%
45	17.216	2397	2402	2405	rVV	2169851	3147175	74.22%	3.547%
46	17.245	2405	2407	2415	rVB	897635	1126847	26.57%	1.270%
47	17.739	2484	2491	2495	rBV7	47097	66228	1.56%	0.075%
48	18.304	2581	2587	2595	rVB	2325912	2905579	68.52%	3.275%
49	18.392	2597	2602	2604	rBV	2217635	2885972	68.06%	3.253%
50	18.416	2604	2606	2616	rVB	2170863	2311212	54.51%	2.605%
51	19.174	2723	2735	2740	rBV	1573037	2074992	48.94%	2.339%
52	19.510	2782	2792	2795	rBV	2732100	4170910	98.36%	4.701%
53	19.533	2795	2796	2805	rVB	1610783	1719919	40.56%	1.939%
54	19.845	2843	2849	2857	rBV	2769089	3408176	80.38%	3.842%
55	20.021	2874	2879	2888	rBV	2405999	2825283	66.63%	3.185%
56	21.245	3083	3087	3092	rBV	2610188	2770376	65.33%	3.123%
57	21.298	3092	3096	3102	rVB2	1891272	2327763	54.90%	2.624%
58	22.404	3282	3284	3288	rVB4	47788	51166	1.21%	0.058%
59	22.921	3369	3372	3377	rVB5	53862	82061	1.94%	0.092%
60	23.398	3446	3453	3463	rVB	2087065	3819322	90.07%	4.305%
61	23.539	3468	3477	3484	rVB	1249319	2427178	57.24%	2.736%
62	24.168	3581	3584	3592	rVB4	77855	154051	3.63%	0.174%
63	24.945	3711	3716	3721	rVB4	77337	153511	3.62%	0.173%
64	25.815	3855	3864	3877	rVB	848040	2398919	56.57%	2.704%

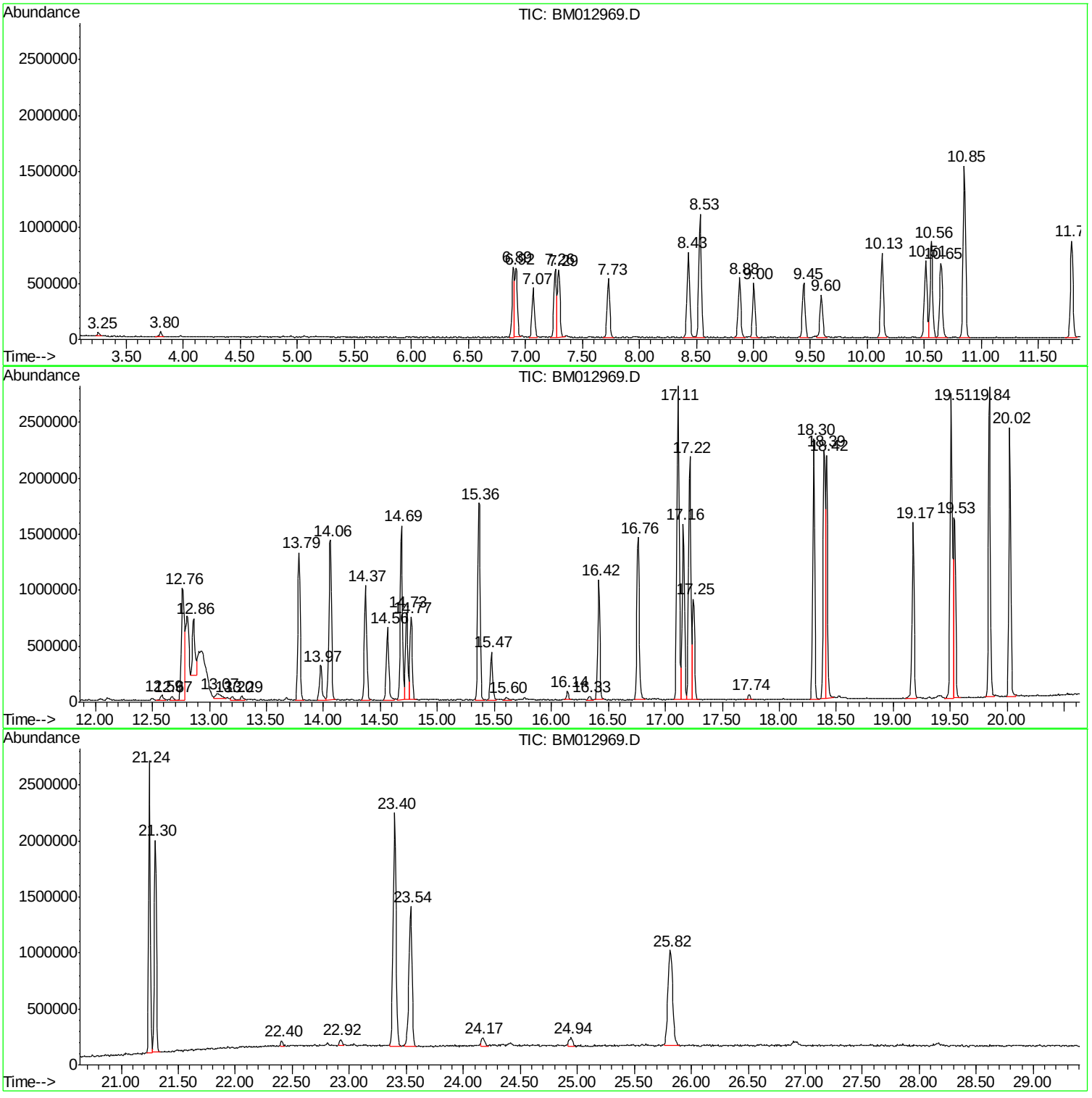
Sum of corrected areas: 88719385

Data Path : Z:\HPCHEM1\BNA M\Data\BM111617\
Data File : BM012969.D
Acq On : 16 Nov 2017 17:58
Operator : SJ/JU
Sample : I6260-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2B42

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA M\Data\BM111617\
Data File : BM012969.D
Acq On : 16 Nov 2017 17:58
Operator : SJ/JU
Sample : I6260-02
Misc :
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Instrument : BNA_M
ClientSampleId : X2B42

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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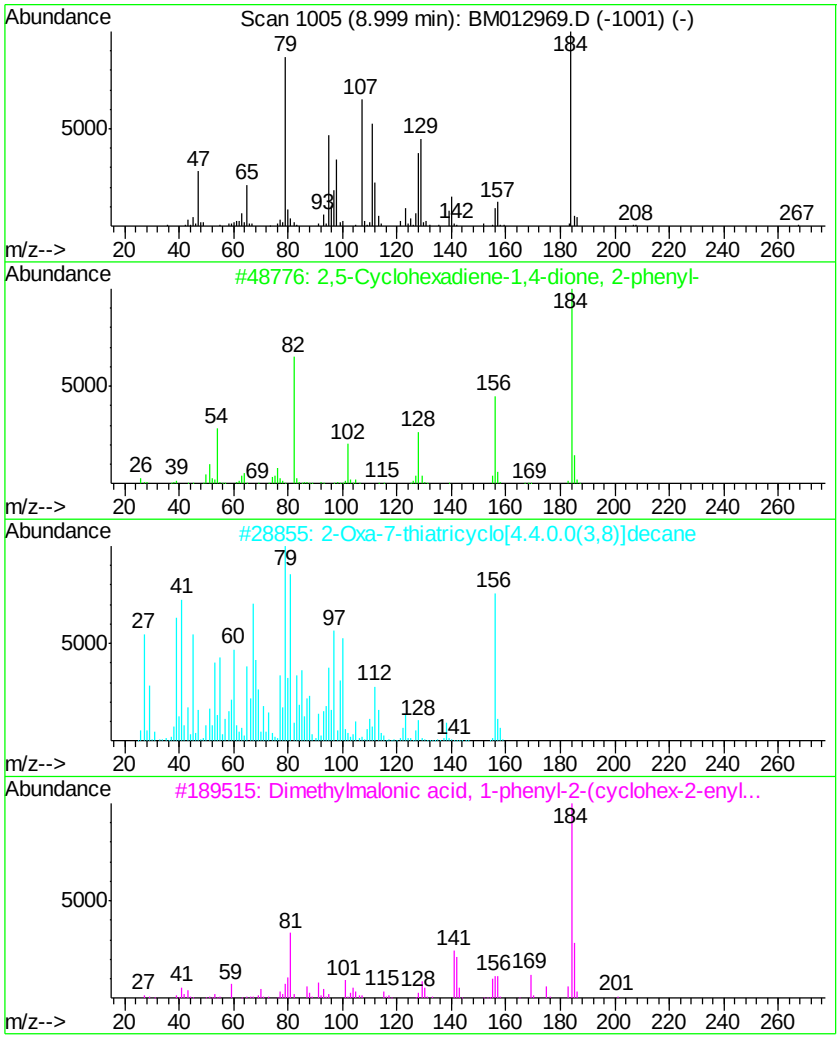
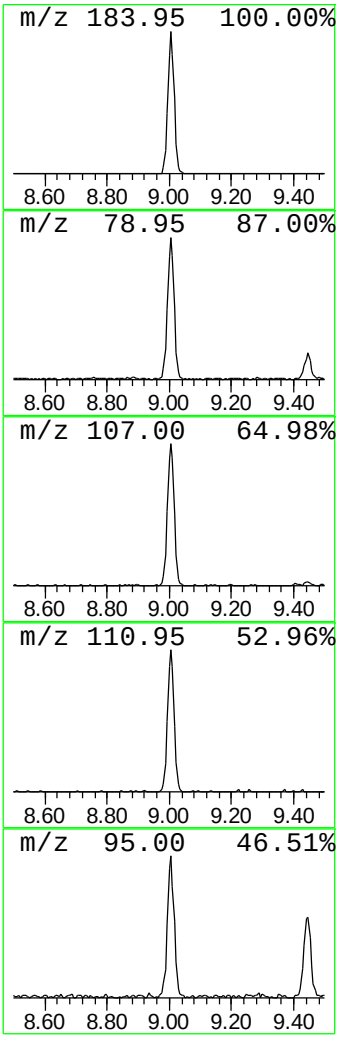
Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	16.57 ng/ul	723432	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2-...	184	C12H8O2	000363-03-1	10
2	2-Oxa-7-thiatricyclo[4.4.0.0(3,8...	156	C8H12OS	039637-14-4	10
3	Dimethylmalonic acid, 1-phenyl-2...	358	C22H30O4	1000361-86-9	10
4	Dibenzothiophene	184	C12H8S	000132-65-0	9
5	Sebacic acid, (2-(cyclohexenyl-3...	414	C26H38O4	1000354-41-6	9





Data Path : Z:\HPCHEM1\BNA M\Data\BM111617\
Data File : BM012969.D
Acq On : 16 Nov 2017 17:58
Operator : SJ/JU
Sample : I6260-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2B42

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

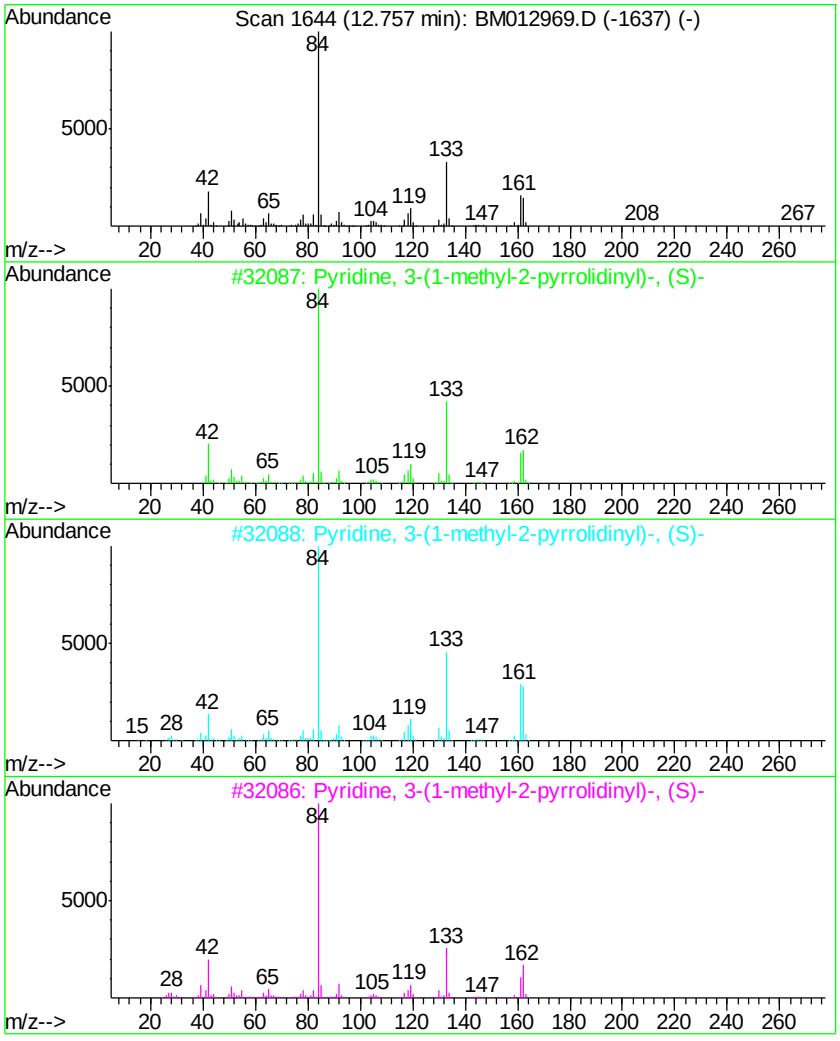
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

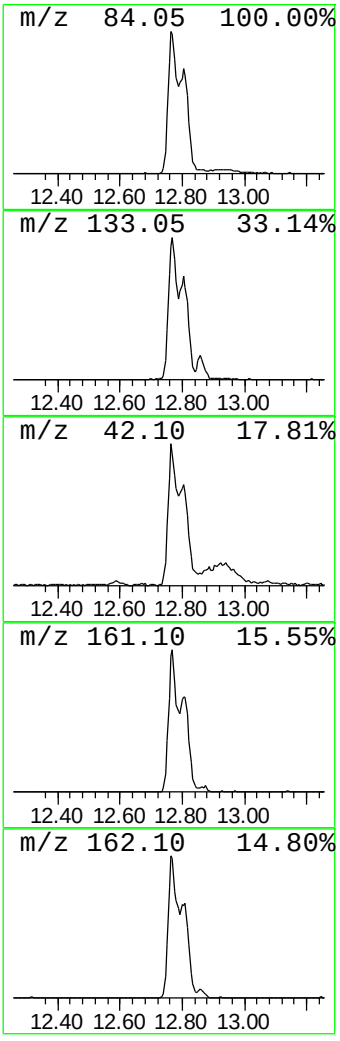
****

Peak Number 2 Pyridine, 3-(1-methyl-2-pyr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	24.77 ng/ul	1922610	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 3-(1-methyl-2-pyrrolid...	162	C10H14N2	000054-11-5	97
2	Pyridine, 3-(1-methyl-2-pyrrolid...	162	C10H14N2	000054-11-5	95
3	Pyridine, 3-(1-methyl-2-pyrrolid...	162	C10H14N2	000054-11-5	95
4	Pyridine, 3-(1-methyl-2-pyrrolid...	162	C10H14N2	000054-11-5	94
5	Pyridine, 3-(1-methyl-2-pyrrolid...	162	C10H14N2	000054-11-5	86





Data Path : Z:\HPCHEM1\BNA M\Data\BM111617\
Data File : BM012969.D
Acq On : 16 Nov 2017 17:58
Operator : SJ/JU
Sample : I6260-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2B42

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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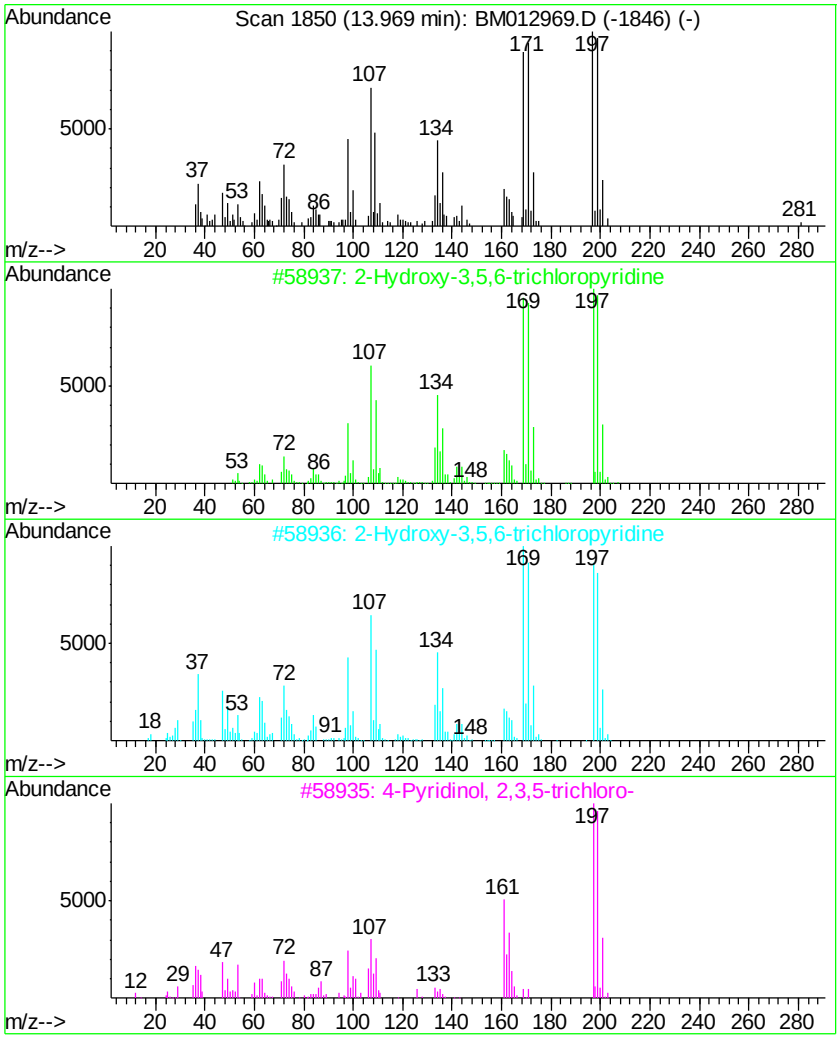
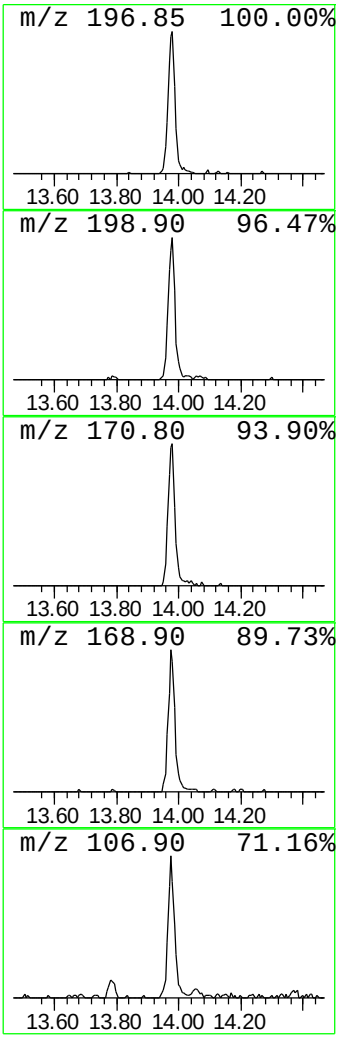
Peak Number 3 2-Hydroxy-3,5,6-trichloropy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	6.50 ng/ul	504637	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-3,5,6-trichloropyridine	197	C5H2Cl3NO	006515-38-4	99
2	2-Hydroxy-3,5,6-trichloropyridine	197	C5H2Cl3NO	006515-38-4	96
3	4-Pyridinol, 2,3,5-trichloro-	197	C5H2Cl3NO	001970-40-7	38
4	(4-Bromophenyl)methyl trifluorom...	302	C8H6BrF3O2S	1000305-38-7	14
5	Benzothiazole, 2-chloro-	169	C7H4ClNS	000615-20-3	12





Data Path : Z:\HPCHEM1\BNA M\Data\BM111617\
Data File : BM012969.D
Acq On : 16 Nov 2017 17:58
Operator : SJ/JU
Sample : I6260-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2B42

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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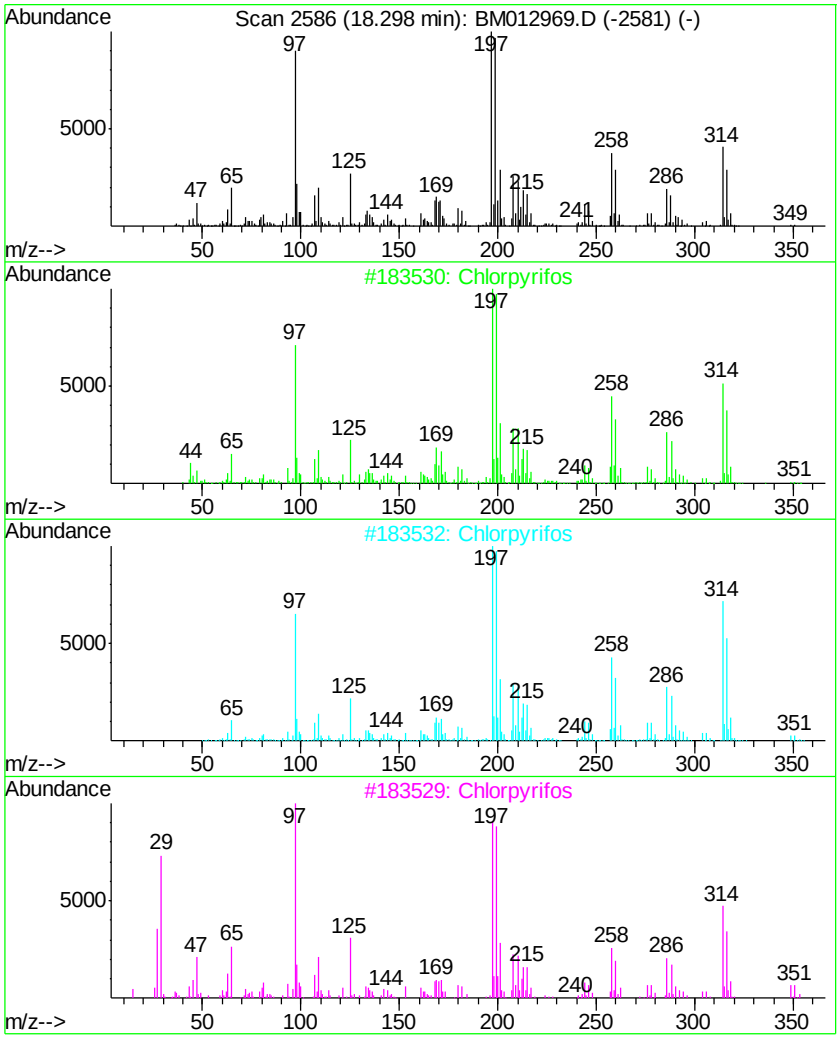
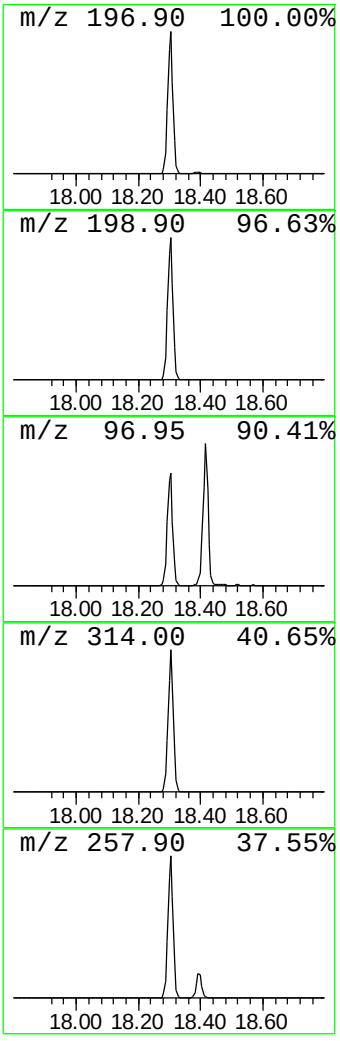
Peak Number 4 Chlorpyrifos Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	13.70 ng/ul	2905580	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chlorpyrifos	349	C9H11Cl3NO3PS	002921-88-2	99
2	Chlorpyrifos	349	C9H11Cl3NO3PS	002921-88-2	99
3	Chlorpyrifos	349	C9H11Cl3NO3PS	002921-88-2	93
4	4-Hydrazono-5-hydroxyimino-4,5,6...	197	C6H7N5O3	303194-86-7	53
5	1-(3,4-Dihydro-2-naphthyl)-pyrro...	199	C14H17N	021403-95-2	53





Data Path : Z:\HPCHEM1\BNA M\Data\BM111617\
Data File : BM012969.D
Acq On : 16 Nov 2017 17:58
Operator : SJ/JU
Sample : I6260-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2B42

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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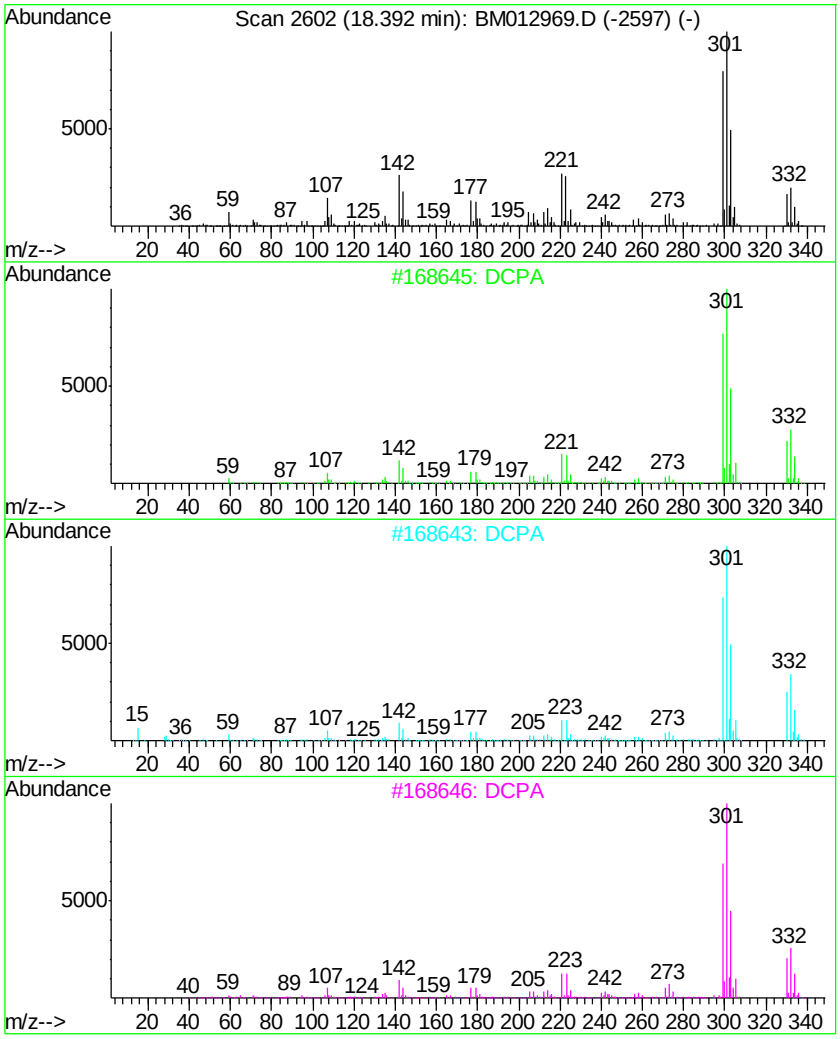
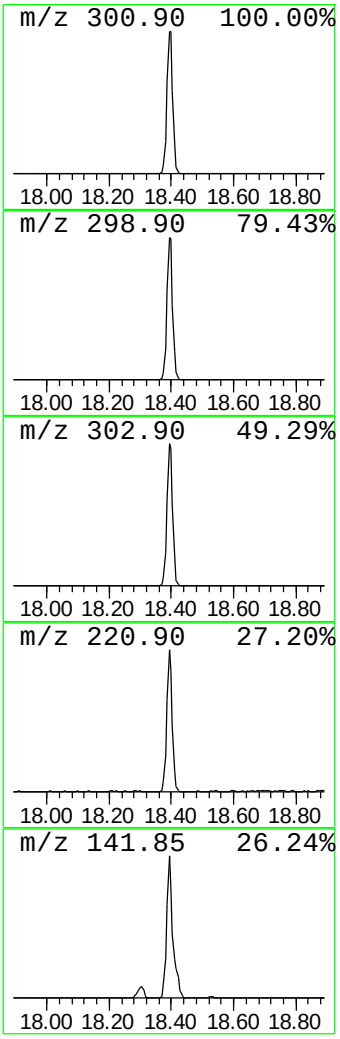
Peak Number 5 DCPA Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	13.61 ng/ul	2885970	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DCPA	330	C10H6Cl4O4	001861-32-1	99
2	DCPA	330	C10H6Cl4O4	001861-32-1	99
3	DCPA	330	C10H6Cl4O4	001861-32-1	99
4	DCPA	330	C10H6Cl4O4	001861-32-1	96
5	Benzoic acid, 2,3,5,6-tetrachlor...	359	C11H9Cl4NO4	014419-01-3	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM111617\
Data File : BM012969.D
Acq On : 16 Nov 2017 17:58
Operator : SJ/JU
Sample : I6260-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2B42

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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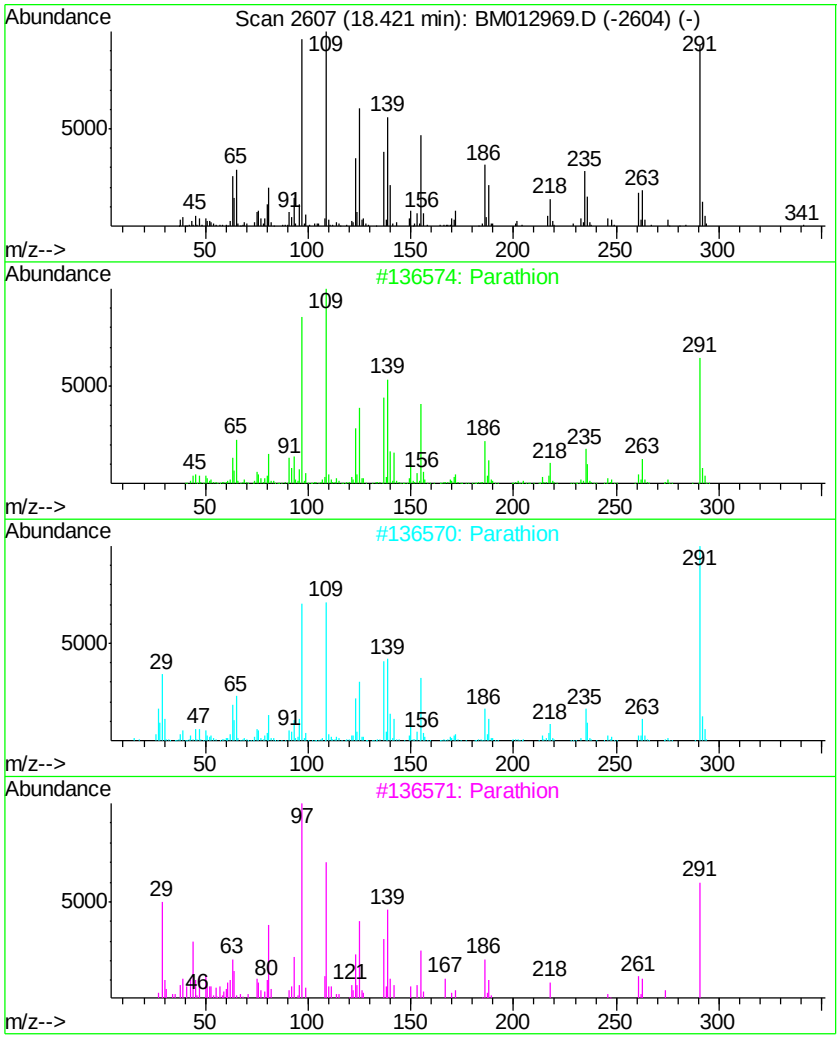
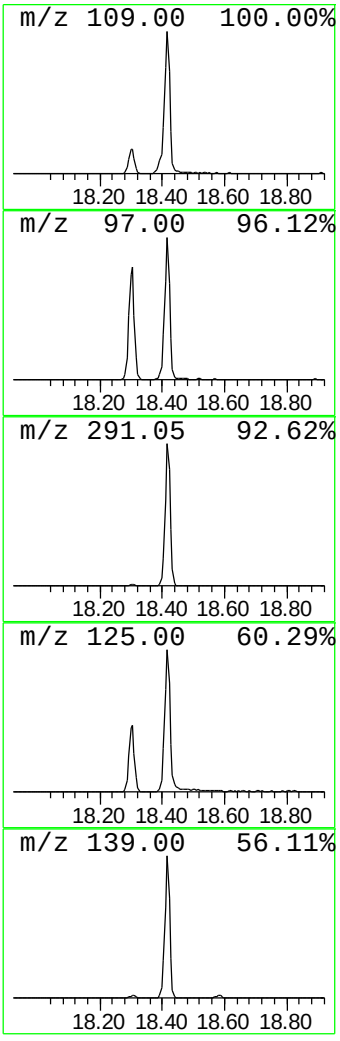
Peak Number 6 Parathion Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	10.90 ng/ul	2311210	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Parathion	291	C10H14NO5PS	000056-38-2	99
2	Parathion	291	C10H14NO5PS	000056-38-2	98
3	Parathion	291	C10H14NO5PS	000056-38-2	95
4	Parathion	291	C10H14NO5PS	000056-38-2	95
5	Parathion	291	C10H14NO5PS	000056-38-2	90





Data Path : Z:\HPCHEM1\BNA M\Data\BM111617\
Data File : BM012969.D
Acq On : 16 Nov 2017 17:58
Operator : SJ/JU
Sample : I6260-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2B42

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

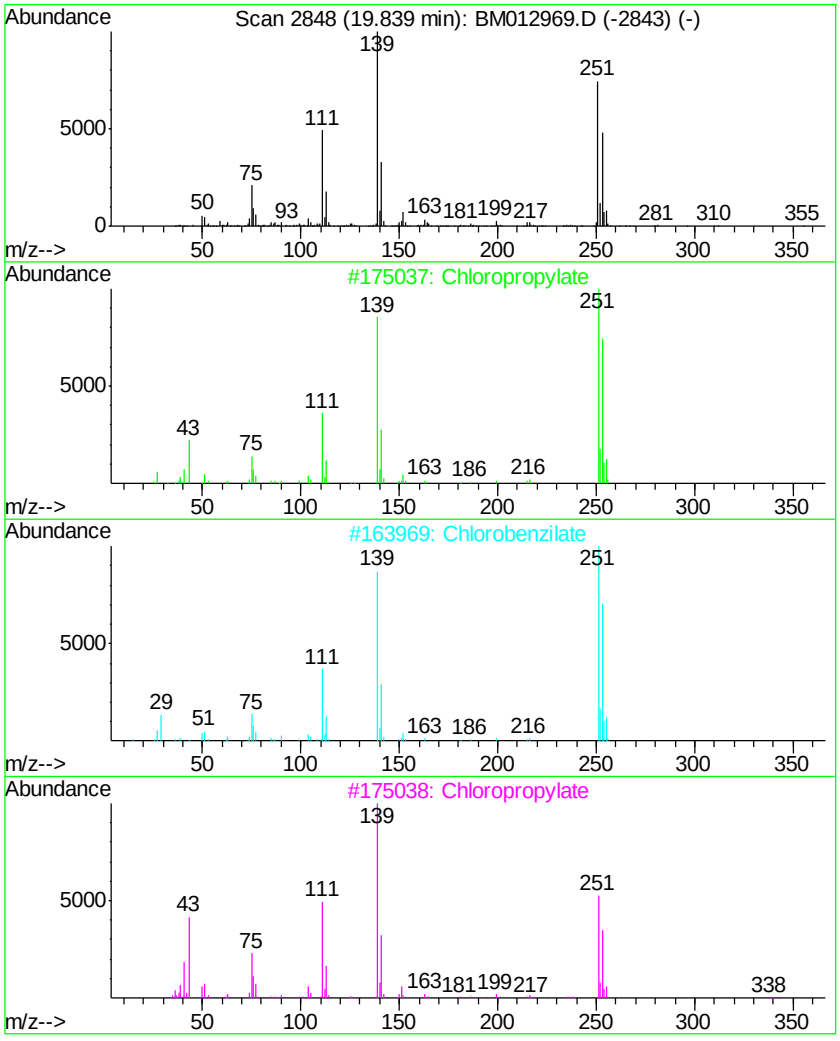
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

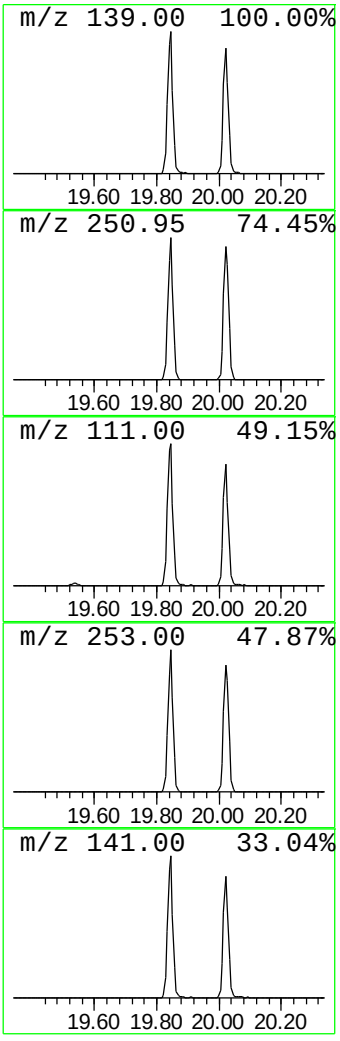
****

Peak Number 7 Chloropropylate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	29.28 ng/ul	3408180	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chloropropylate	338	C17H16Cl2O3	005836-10-2	91
2	Chlorobenzilate	324	C16H14Cl2O3	000510-15-6	91
3	Chloropropylate	338	C17H16Cl2O3	005836-10-2	91
4	Chlorobenzilate	324	C16H14Cl2O3	000510-15-6	91
5	Chlorobenzilate	324	C16H14Cl2O3	000510-15-6	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\Data\BM111617\
Data File : BM012969.D
Acq On : 16 Nov 2017 17:58
Operator : SJ/JU
Sample : I6260-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2B42

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	9.00	16.6	ng/ul	723432	1	7.73	873024	20.0
Pyridine, 3-(1-me...	12.76	24.8	ng/ul	1922610	3	14.37	1552330	20.0
2-Hydroxy-3,5,6-t...	13.97	6.5	ng/ul	504637	3	14.37	1552330	20.0
Chlorpyrifos	18.30	13.7	ng/ul	2905580	4	17.12	4240270	20.0
DCPA	18.39	13.6	ng/ul	2885970	4	17.12	4240270	20.0
Parathion	18.42	10.9	ng/ul	2311210	4	17.12	4240270	20.0
Chloropropylate	19.84	29.3	ng/ul	3408180	5	21.30	2327760	20.0