LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051215\
Data File : BM001255.D
Acq On : 12 May 2015 12:23
Operator : TP/IZ
Sample : G2159-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X1R75

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_M\METHODS\SOM02.2-EPA-BM051215.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.769	12	14	20	rVB2	11402	15263	0.14%	0.009%
2	2.875	28	32	38	rBV3	19328	31932	0.30%	0.019%
3	3.904	205	207	213	rBV3	15054	22864	0.21%	0.014%
4	3.993	219	222	227	rVB5	8740	12665	0.12%	0.008%
5	5.657	501	505	511	rBV4	7771	15404	0.14%	0.009%
6	6.634	664	671	676	rBV	348196	517964	4.80%	0.308%
7	6.675	676	678	683	rVB3	18934	25369	0.23%	0.015%
8	6.787	690	697	710	rBV	791531	1172566	10.86%	0.697%
9	6.975	722	729	739	rBV	961689	1462417	13.54%	0.870%
10	7.075	741	746	755	rVB2	26300	44066	0.41%	0.026%
11	7.445	802	809	816	rVB	774464	1219114	11.29%	0.725%
12	7.669	841	847	853	rBV7	6047	11576	0.11%	0.007%
13	8.169	926	932	937	rVV	941450	1435364	13.29%	0.854%
14	8.228	937	942	954	rVB	1879317	2807401	26.00%	1.670%
15	8.604	998	1006	1015	rBV	1059018	1614182	14.95%	0.960%
16	8.681	1015	1019	1022	rVB3	11754	15894	0.15%	0.009%
17	8.769	1029	1034	1039	rBV5	5577	11839	0.11%	0.007%
18	9.033	1073	1079	1083	rBV3	7560	12798	0.12%	0.008%
19	9.322	1121	1128	1137	rBV	885928	1403875	13.00%	0.835%
20	9.657	1180	1185	1192	rBV6	8869	12605	0.12%	0.007%
21	9.857	1213	1219	1232	rBV	1300634	2114203	19.58%	1.257%
22	10.227	1272	1282	1286	rBV	1152435	1900609	17.60%	1.130%
23	10.280	1286	1291	1302	rVV	3554613	5629598	52.14%	3.348%
24	10.375	1302	1307	1317	rVB	67909	123290	1.14%	0.073%
25	11.133	1428	1436	1444	rBV	263782	455894	4.22%	0.271%
26	12.239	1619	1624	1629	rBV2	13327	18781	0.17%	0.011%
27	12.492	1657	1667	1671	rBV	4864039	6608373	61.20%	3.930%
28	12.539	1671	1675	1685	rVV	1864023	2883522	26.71%	1.715%
29	12.610	1685	1687	1693	rVB4	9715	13372	0.12%	0.008%
30	12.721	1701	1706	1709	rBV3	32204	49514	0.46%	0.029%
31	12.763	1709	1713	1719	rVB	48474	63599	0.59%	0.038%
32	12.939	1739	1743	1748	rVV	13264	21252	0.20%	0.013%
33	12.986	1748	1751	1758	rVV2	14246	19739	0.18%	0.012%
34	13.545	1839	1846	1856	rBV	2492248	3430104	31.77%	2.040%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051215\
Data File : BM001255.D
Acq On : 12 May 2015 12:23
Operator : TP/IZ
Sample : G2159-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X1R75

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_M\METHODS\SOM02.2-EPA-BM051215.M
Title : SVOA CALIBRATION

35	13.710	1868	1874	1880	rBV	1398968	1840794	17.05%	1.095%
36	13.810	1884	1891	1894	rVV	2954559	4521681	41.88%	2.689%
37	13.839	1894	1896	1904	rVB	1387903	1608383	14.90%	0.957%
38	14.121	1937	1944	1951	rBV2	1746830	2504847	23.20%	1.490%
39	14.186	1951	1955	1964	rVB	36458	53216	0.49%	0.032%
40	14.351	1977	1983	1995	rBV	355819	531487	4.92%	0.316%
41	14.521	2006	2012	2027	rVB	2392507	3386979	31.37%	2.014%
42	15.121	2108	2114	2119	rBV	3775892	5279191	48.89%	3.140%
43	15.180	2119	2124	2131	rVB	4191234	5555258	51.45%	3.304%
44	15.257	2131	2137	2145	rBV	1547078	1972583	18.27%	1.173%
45	15.398	2155	2161	2172	rVB	2613182	3488614	32.31%	2.075%
46	15.898	2238	2246	2251	rBV	42897	57520	0.53%	0.034%
47	15.974	2254	2259	2262	rVB3	10235	13032	0.12%	0.008%
48	16.368	2318	2326	2330	rBV	6395131	8871308	82.16%	5.276%
49	16.692	2369	2381	2388	rBV	4742824	6121477	56.69%	3.640%
50	16.856	2402	2409	2415	rBV2	5742664	9678169	89.63%	5.756%
51	16.915	2415	2419	2424	rVV	6111340	8087902	74.90%	4.810%
52	16.974	2424	2429	2441	rVB	4513063	6065153	56.17%	3.607%
53	17.168	2458	2462	2467	rVB3	15043	18439	0.17%	0.011%
54	17.286	2474	2482	2498	rBV	4664134	6229142	57.69%	3.704%
55	17.509	2513	2520	2525	rBV	8872879	10797552	100.00%	6.421%
56	17.780	2563	2566	2575	rVB5	11969	13210	0.12%	0.008%
57	18.098	2616	2620	2622	rVV3	11471	14507	0.13%	0.009%
58	18.127	2622	2625	2629	rVB3	18217	24495	0.23%	0.015%
59	18.274	2646	2650	2653	rBV3	13916	13822	0.13%	0.008%
60	19.186	2797	2805	2810	rBV2	65683	126026	1.17%	0.075%
61	19.280	2814	2821	2823	rBV	5219080	7229082	66.95%	4.299%
62	19.309	2823	2826	2838	rVB	6790743	8066545	74.71%	4.797%
63	19.609	2872	2877	2884	rBV	663300	745125	6.90%	0.443%
64	19.792	2902	2908	2914	rBV	5031821	5685060	52.65%	3.381%
65	19.845	2914	2917	2924	rVB2	31411	46386	0.43%	0.028%
66	20.797	3076	3079	3084	rBV6	7926	13584	0.13%	0.008%
67	20.874	3088	3092	3097	rVB4	29629	35886	0.33%	0.021%
68	21.009	3110	3115	3119	rBV	2672072	2798847	25.92%	1.664%
69	21.074	3119	3126	3140	rVB2	3742013	7202202	66.70%	4.283%
70	21.327	3165	3169	3176	rVB	53582	63679	0.59%	0.038%
71	22.509	3366	3370	3373	rBV4	29686	42501	0.39%	0.025%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051215\
Data File : BM001255.D
Acq On : 12 May 2015 12:23
Operator : TP/IZ
Sample : G2159-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X1R75

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_M\METHODS\SOM02.2-EPA-BM051215.M
Title : SVOA CALIBRATION

72	22.568	3374	3380	3390	rVB	2248353	3280325	30.38%	1.951%
73	22.721	3403	3406	3410	rVB5	34987	50790	0.47%	0.030%
74	23.062	3456	3464	3478	rBV2	4153237	7135804	66.09%	4.244%
75	23.197	3479	3487	3497	rVB2	2083734	3684683	34.13%	2.191%

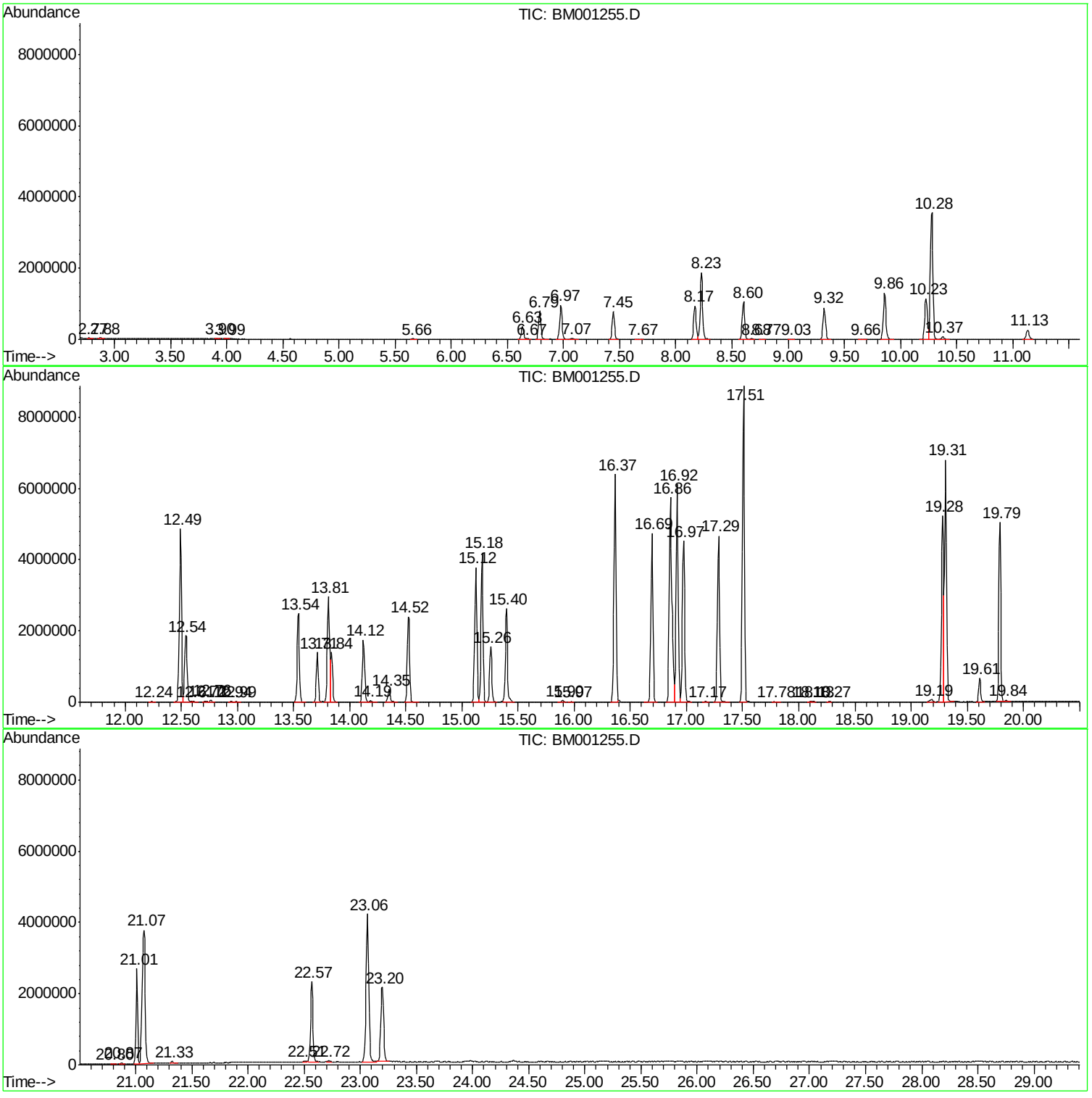
Sum of corrected areas: 168152294

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051215\
Data File : BM001255.D
Acq On : 12 May 2015 12:23
Operator : TP/IZ
Sample : G2159-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X1R75

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051215.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051215\
Data File : BM001255.D
Acq On : 12 May 2015 12:23
Operator : TP/IZ
Sample : G2159-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X1R75

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051215.M
Quant Title : SVOA CALIBRATION

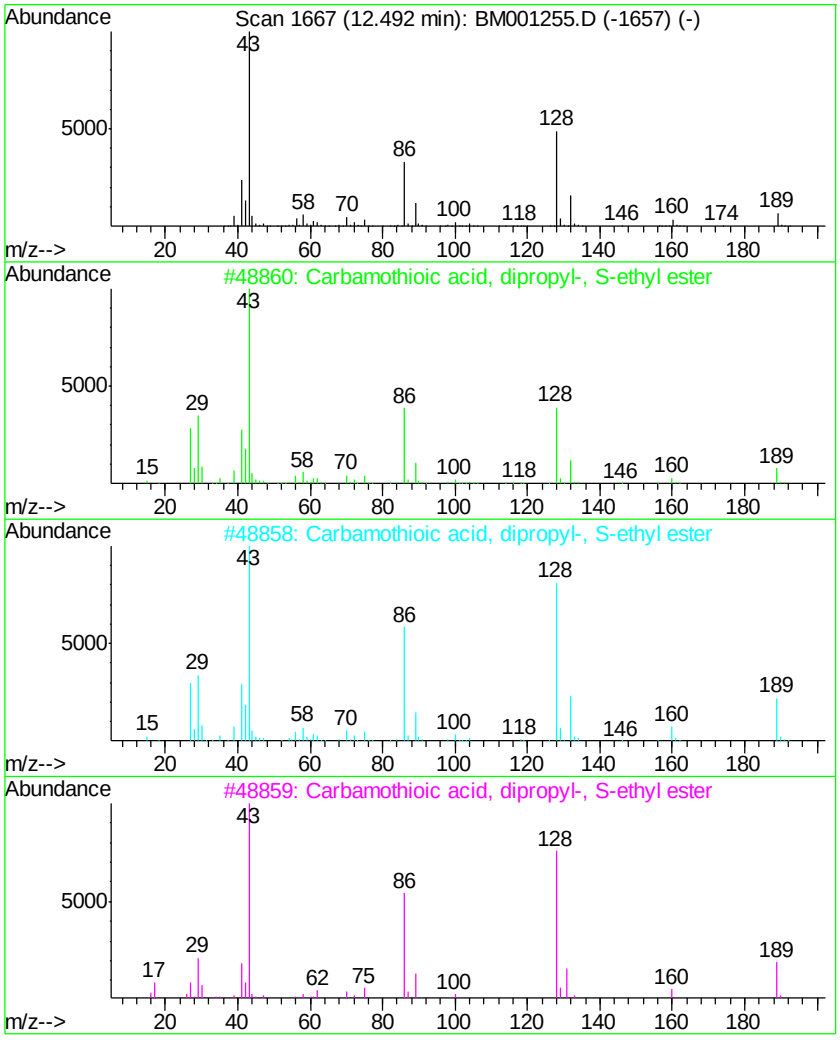
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

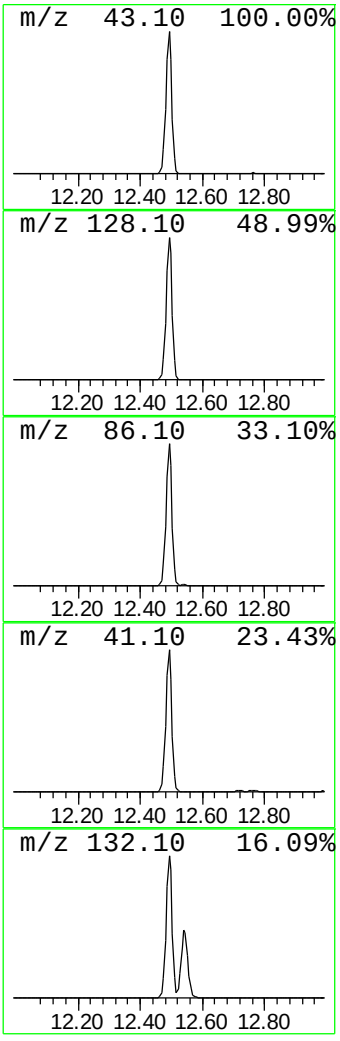
****

Peak Number 1 Carbamothioic acid, dipropy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	52.76 ng/ul	6608370	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbamothioic acid, dipropyl-, S...	189	C9H19NOS	000759-94-4	93
2	Carbamothioic acid, dipropyl-, S...	189	C9H19NOS	000759-94-4	90
3	Carbamothioic acid, dipropyl-, S...	189	C9H19NOS	000759-94-4	46
4	Dipropylthiocarbamic acid, o-(3-...	370	C21H26N2O2S	1000295-36-8	40
5	4,5-Dicarbamoyl-2-methyl-2-oxazo...	171	C6H9N3O3	1000251-48-4	30





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051215\
Data File : BM001255.D
Acq On : 12 May 2015 12:23
Operator : TP/IZ
Sample : G2159-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X1R75

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051215.M
Quant Title : SVOA CALIBRATION

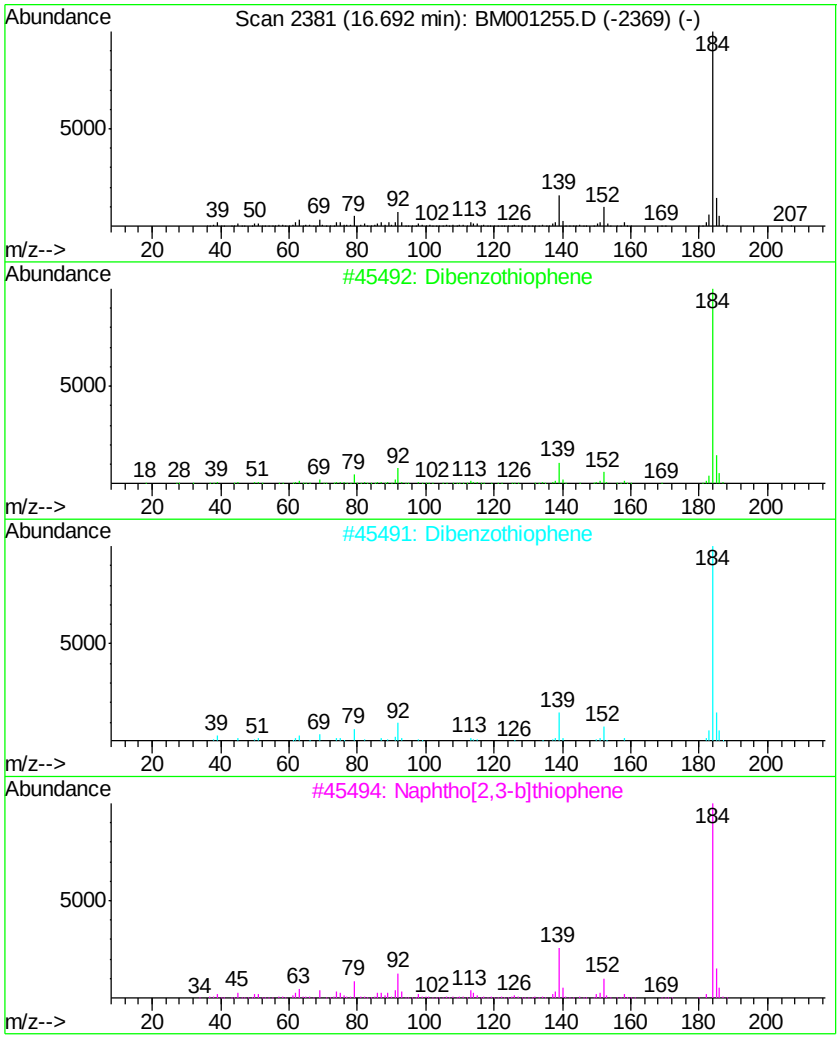
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

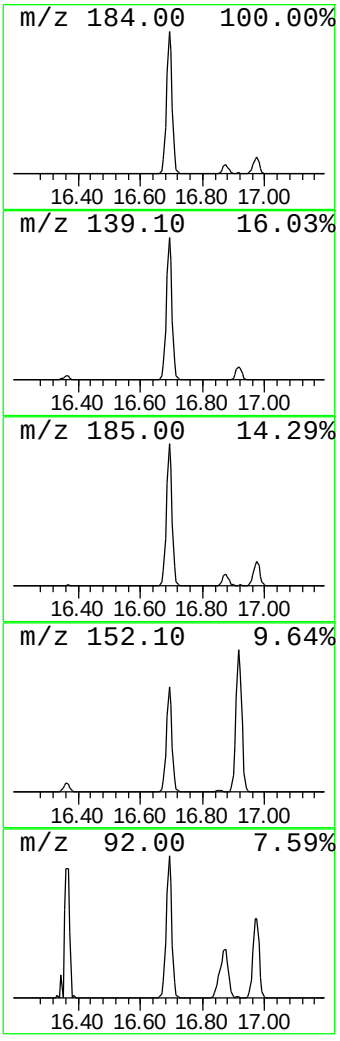
****

Peak Number 2 Dibenzothiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	12.65 ng/ul	6121480	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051215\
Data File : BM001255.D
Acq On : 12 May 2015 12:23
Operator : TP/IZ
Sample : G2159-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X1R75

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051215.M
Quant Title : SVOA CALIBRATION

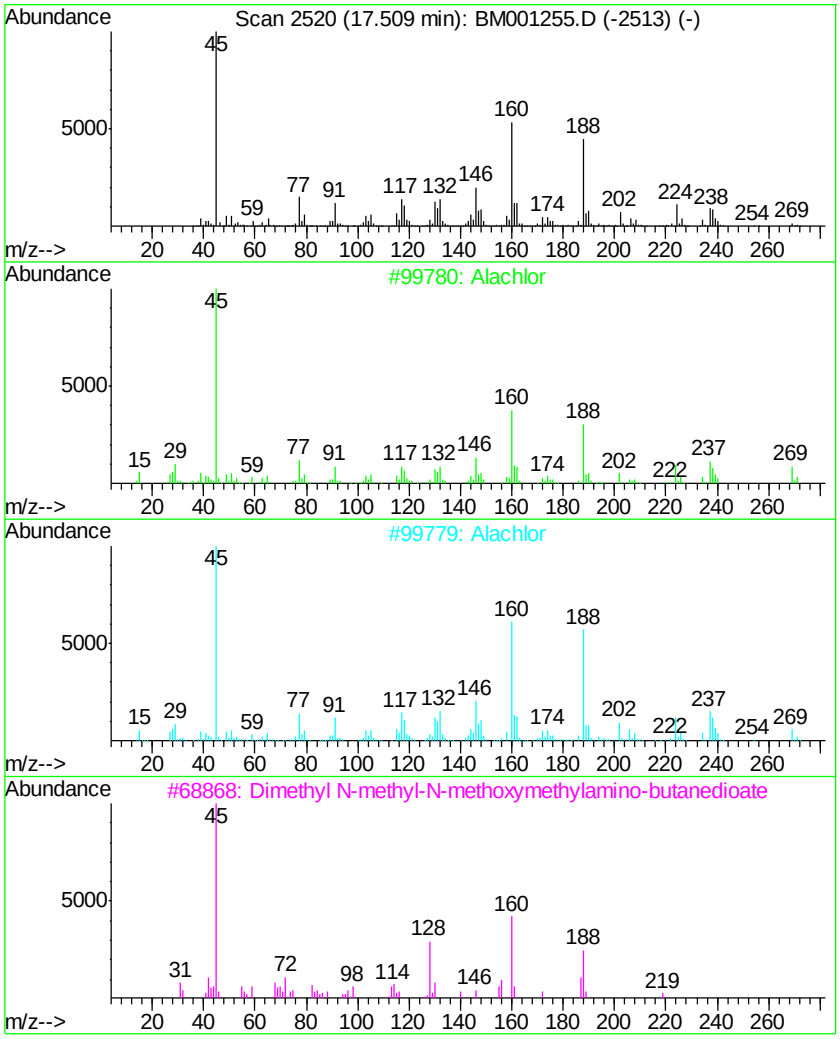
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

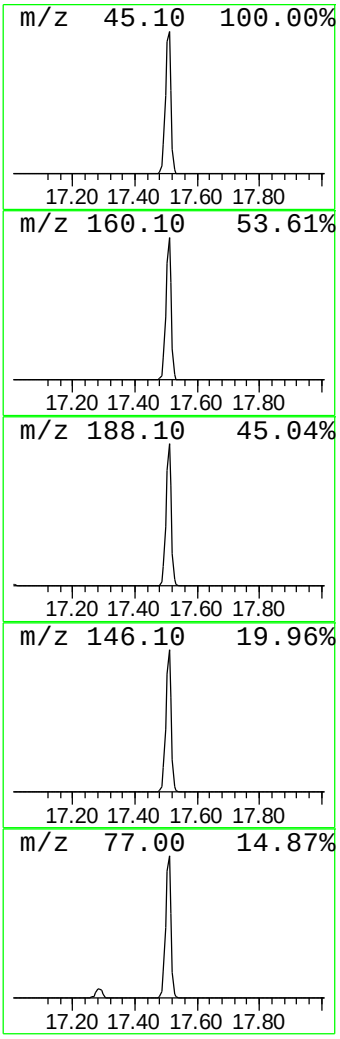
****

Peak Number 3 Alachlor Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	22.31 ng/ul	10797600	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Alachlor	269	C14H20ClNO2	015972-60-8	90
2	Alachlor	269	C14H20ClNO2	015972-60-8	89
3	Dimethyl N-methyl-N-methoxymethy...	219	C9H17NO5	068729-19-1	40
4	Thiophene, 3-phenyl-	160	C10H8S	002404-87-7	37
5	Phosphonic acid, (3-methyl-2-oxo...	234	C10H19O4P	054543-01-0	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051215\
Data File : BM001255.D
Acq On : 12 May 2015 12:23
Operator : TP/IZ
Sample : G2159-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X1R75

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051215.M
Quant Title : SVOA CALIBRATION

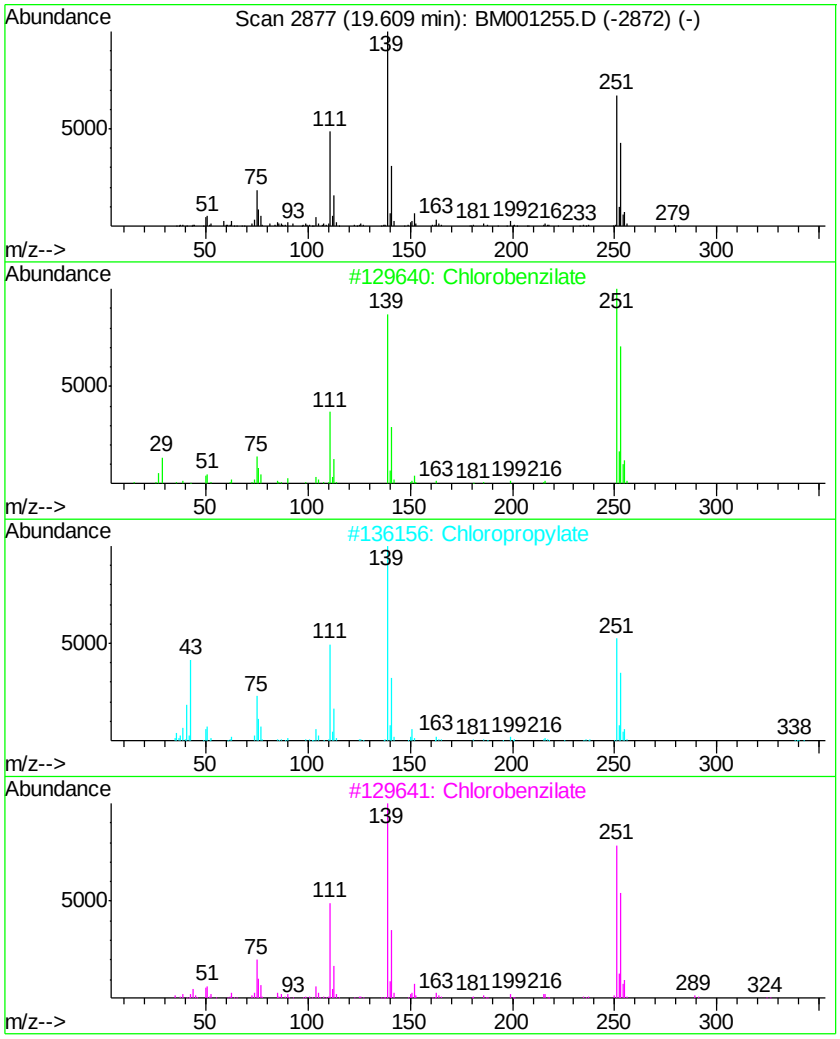
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

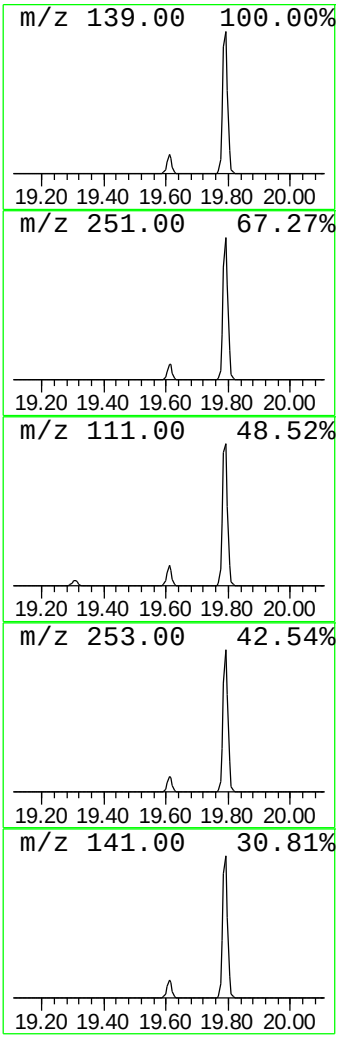
****

Peak Number 4 Chlorobenzilate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	2.07 ng/ul	745125	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chlorobenzilate	324	C16H14Cl2O3	000510-15-6	94
2	Chloropropylate	338	C17H16Cl2O3	005836-10-2	91
3	Chlorobenzilate	324	C16H14Cl2O3	000510-15-6	91
4	Chlorobenzilate	324	C16H14Cl2O3	000510-15-6	91
5	Chloropropylate	338	C17H16Cl2O3	005836-10-2	90





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051215\
Data File : BM001255.D
Acq On : 12 May 2015 12:23
Operator : TP/IZ
Sample : G2159-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X1R75

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051215.M
Quant Title : SVOA CALIBRATION

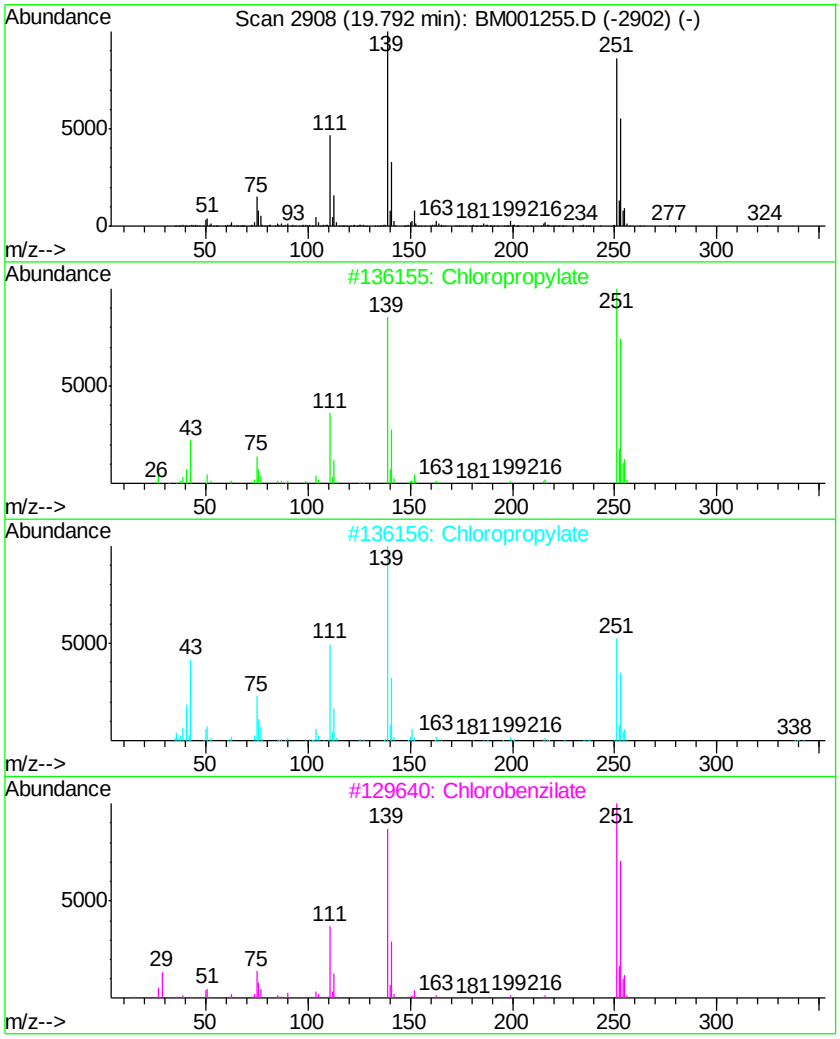
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

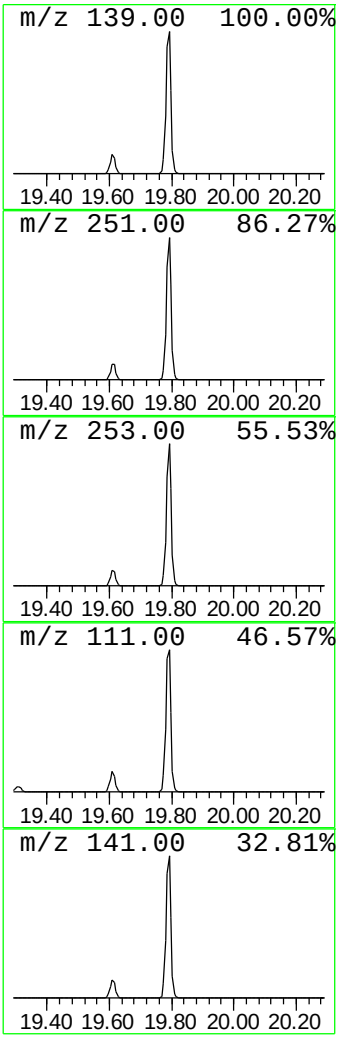
****

Peak Number 5 Chloropropylate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	15.79 ng/ul	5685060	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chloropropylate	338	C17H16Cl2O3	005836-10-2	91
2	Chloropropylate	338	C17H16Cl2O3	005836-10-2	91
3	Chlorobenzilate	324	C16H14Cl2O3	000510-15-6	91
4	Chlorobenzilate	324	C16H14Cl2O3	000510-15-6	91
5	Chlorobenzilate	324	C16H14Cl2O3	000510-15-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051215\
Data File : BM001255.D
Acq On : 12 May 2015 12:23
Operator : TP/IZ
Sample : G2159-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X1R75

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051215.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
Carbamothioic aci...	12.49	52.8	ng/ul	6608370	3	14.12	2504850	20.0
Dibenzothiophene	16.69	12.7	ng/ul	6121480	4	16.87	9678170	20.0
Alachlor	17.51	22.3	ng/ul	10797600	4	16.87	9678170	20.0
Chlorobenzilate	19.61	2.1	ng/ul	745125	5	21.08	7202200	20.0
Chloropropylate	19.79	15.8	ng/ul	5685060	5	21.08	7202200	20.0