LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010522.D
Acq On : 11 Jun 2017 13:10
Operator : SJ/MA
Sample : I3522-01
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C66

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-BM052717.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	7.075	672	678	689	rBV	448333	764207	16.60%	1.363%
2	7.234	699	705	712	rBV	298429	470514	10.22%	0.839%
3	7.428	731	738	750	rBV	542499	862946	18.74%	1.540%
4	7.886	808	816	829	rBV	623810	1031747	22.41%	1.841%
5	8.610	933	939	951	rBV	567334	937306	20.36%	1.672%
6	9.075	1011	1018	1026	rBV	454318	761551	16.54%	1.359%
7	9.786	1132	1139	1149	rBV	449422	732519	15.91%	1.307%
8	10.316	1221	1229	1238	rBV	700835	1199549	26.05%	2.140%
9	10.692	1285	1293	1300	rBV	756240	1319335	28.66%	2.354%
10	10.857	1313	1321	1336	rBV	517119	934684	20.30%	1.668%
11	13.939	1839	1845	1850	rBV	1266239	1861291	40.43%	3.321%
12	13.986	1850	1853	1860	rVB	694651	950829	20.65%	1.696%
13	14.227	1887	1894	1904	rBV	1299152	2029699	44.09%	3.621%
14	14.527	1939	1945	1953	rVB3	1199877	1850036	40.18%	3.301%
15	14.768	1980	1986	1998	rBV2	286074	540874	11.75%	0.965%
16	15.521	2106	2114	2121	rBV	1730174	2484781	53.97%	4.433%
17	15.645	2130	2135	2142	rBV	447520	617591	13.41%	1.102%
18	15.904	2174	2179	2186	rVB2	87966	140278	3.05%	0.250%
19	16.857	2337	2341	2347	rVB4	39031	62025	1.35%	0.111%
20	17.274	2406	2412	2417	rBV	1755905	2423470	52.64%	4.324%
21	17.315	2417	2419	2423	rVB2	70123	77520	1.68%	0.138%
22	17.374	2423	2429	2434	rBV	1974433	2870742	62.35%	5.122%
23	17.698	2475	2484	2490	rBV7	52376	132100	2.87%	0.236%
24	18.068	2543	2547	2552	rBV8	31053	58764	1.28%	0.105%
25	18.121	2552	2556	2562	rVV3	206265	306564	6.66%	0.547%
26	18.268	2577	2581	2586	rBV5	26886	52371	1.14%	0.093%
27	18.621	2638	2641	2649	rVB8	57641	84912	1.84%	0.151%
28	18.698	2651	2654	2656	rVV3	45027	61009	1.33%	0.109%
29	18.727	2657	2659	2663	rVB4	51396	57685	1.25%	0.103%
30	19.209	2737	2741	2746	rVB2	82226	121907	2.65%	0.217%
31	19.327	2756	2761	2765	rVB	615683	823984	17.90%	1.470%
32	19.398	2769	2773	2777	rVV5	98081	146159	3.17%	0.261%
33	19.480	2784	2787	2789	rVB2	51879	47535	1.03%	0.085%
34	19.662	2812	2818	2821	rBV	2753536	3858487	83.81%	6.884%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010522.D
Acq On : 11 Jun 2017 13:10
Operator : SJ/MA
Sample : I3522-01
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C66

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-BM052717.M
Title : SVOA CALIBRATION

35	19.939	2862	2865	2870	rVB	116069	158610	3.45%	0.283%
36	19.997	2872	2875	2878	rBV3	88976	145314	3.16%	0.259%
37	20.474	2952	2956	2959	rBV	173715	234205	5.09%	0.418%
38	20.927	3029	3033	3037	rVB	230837	341019	7.41%	0.608%
39	21.092	3057	3061	3062	rBV2	223465	279851	6.08%	0.499%
40	21.168	3071	3074	3079	rVB2	217337	274216	5.96%	0.489%
41	21.439	3114	3120	3125	rBV2	2902712	4604027	100.00%	8.214%
42	21.480	3125	3127	3131	rVB	706374	747472	16.24%	1.334%
43	21.591	3142	3146	3150	rBV	947420	1173730	25.49%	2.094%
44	21.639	3151	3154	3159	rVV	1372651	1806261	39.23%	3.222%
45	21.686	3159	3162	3165	rVV	473032	648595	14.09%	1.157%
46	21.715	3165	3167	3171	rVB2	502878	490292	10.65%	0.875%
47	23.068	3391	3397	3402	rBV	1987992	4424472	96.10%	7.894%
48	23.574	3478	3483	3487	rBV	1003958	1780602	38.67%	3.177%
49	23.627	3487	3492	3496	rVV2	2021377	3534306	76.77%	6.305%
50	23.674	3497	3500	3508	rVB	958313	1542910	33.51%	2.753%
51	23.780	3512	3518	3523	rBV	1662151	3190792	69.30%	5.693%

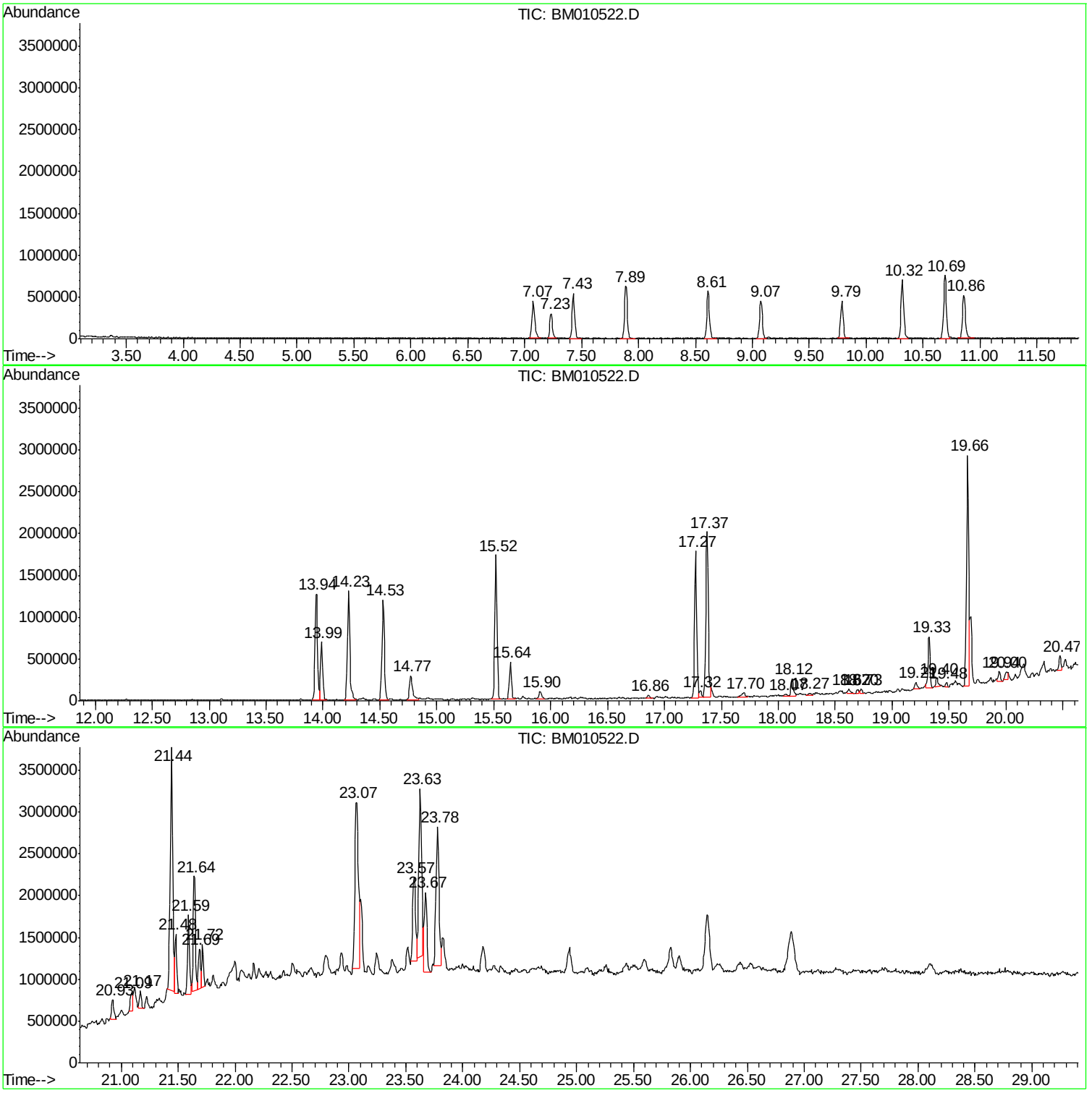
Sum of corrected areas: 56051645

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010522.D
Acq On : 11 Jun 2017 13:10
Operator : SJ/MA
Sample : I3522-01
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5C66

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010522.D
Acq On : 11 Jun 2017 13:10
Operator : SJ/MA
Sample : I3522-01
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C66

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

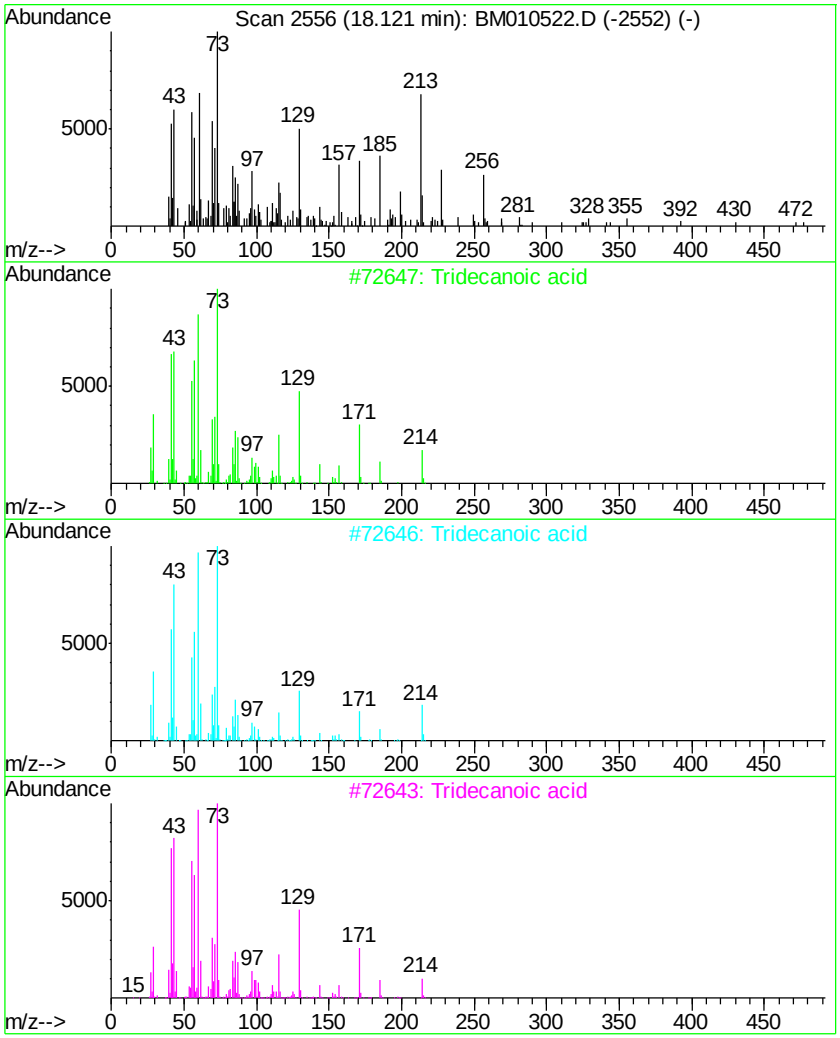
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

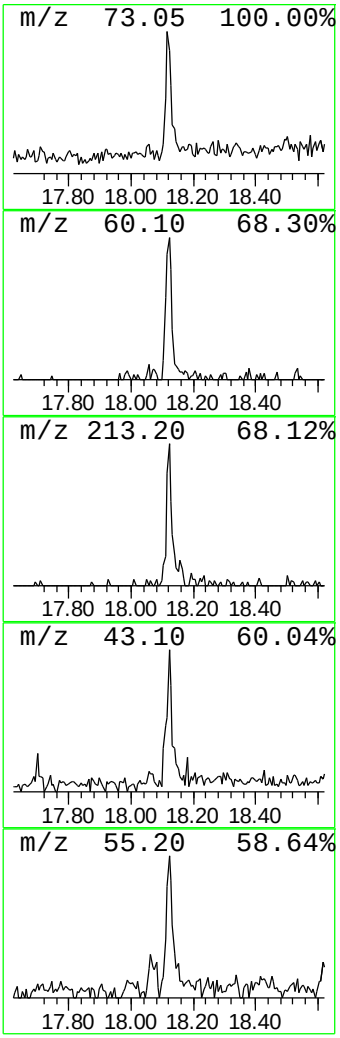
****

Peak Number 1 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	2.53 ng/ul	306564	Phenanthrene-d10	17.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	87
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	52
5	Dodecanoic acid	200	C12H24O2	000143-07-7	46





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010522.D
Acq On : 11 Jun 2017 13:10
Operator : SJ/MA
Sample : I3522-01
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C66

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

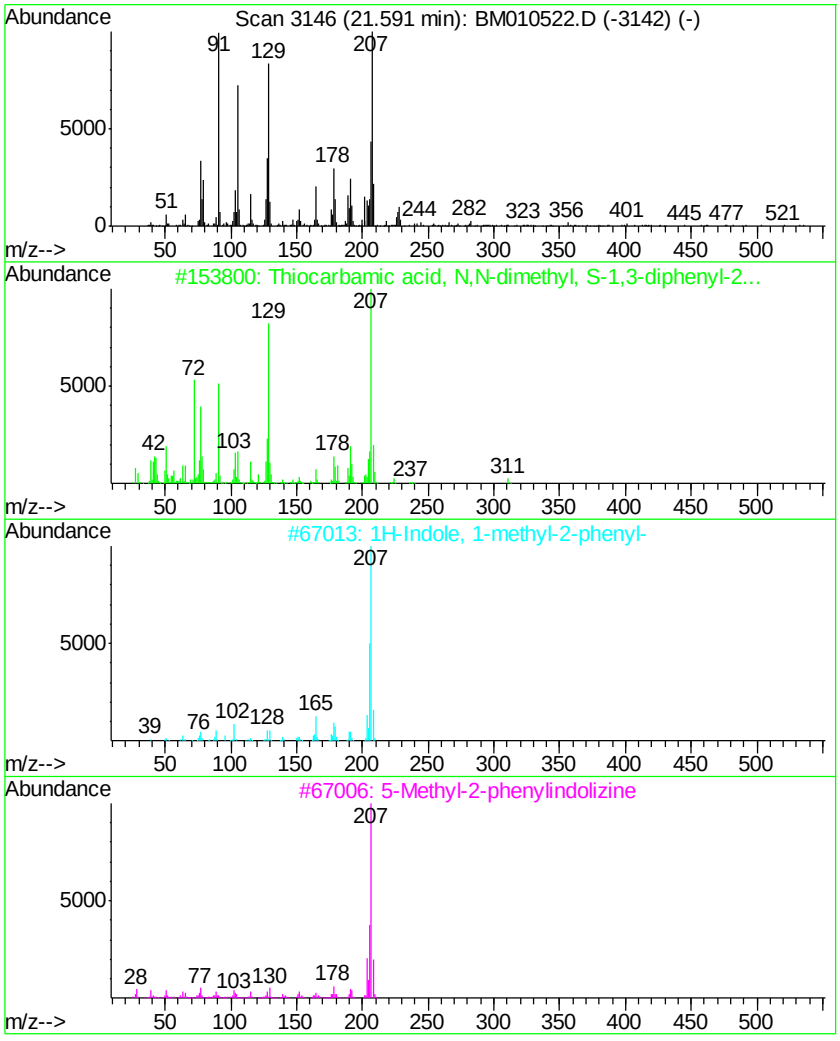
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

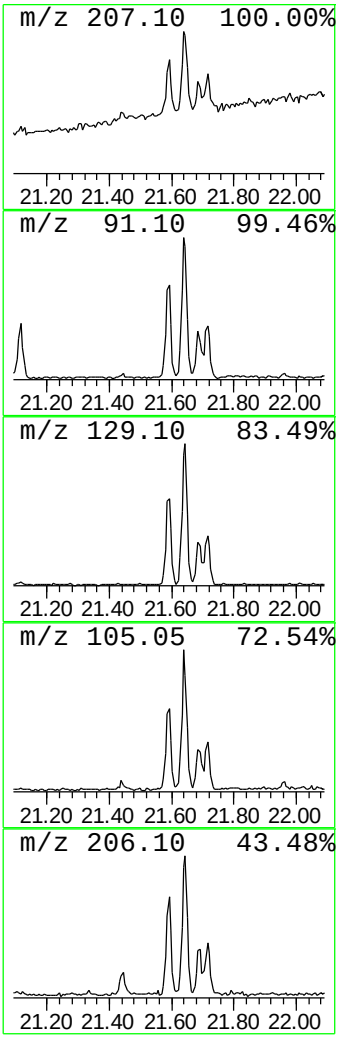
****

Peak Number 2 Thiocarbamic acid, N,N-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	5.10 ng/ul	1173730	Chrysene-d12	21.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiocarbamic acid, N,N-dimethyl,...	311	C19H21NOS	1000192-89-2	72
2	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	43
3	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	43
4	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	38
5	1-Methyl-3-phenylindole	207	C15H13N	030020-98-5	38





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010522.D
Acq On : 11 Jun 2017 13:10
Operator : SJ/MA
Sample : I3522-01
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C66

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

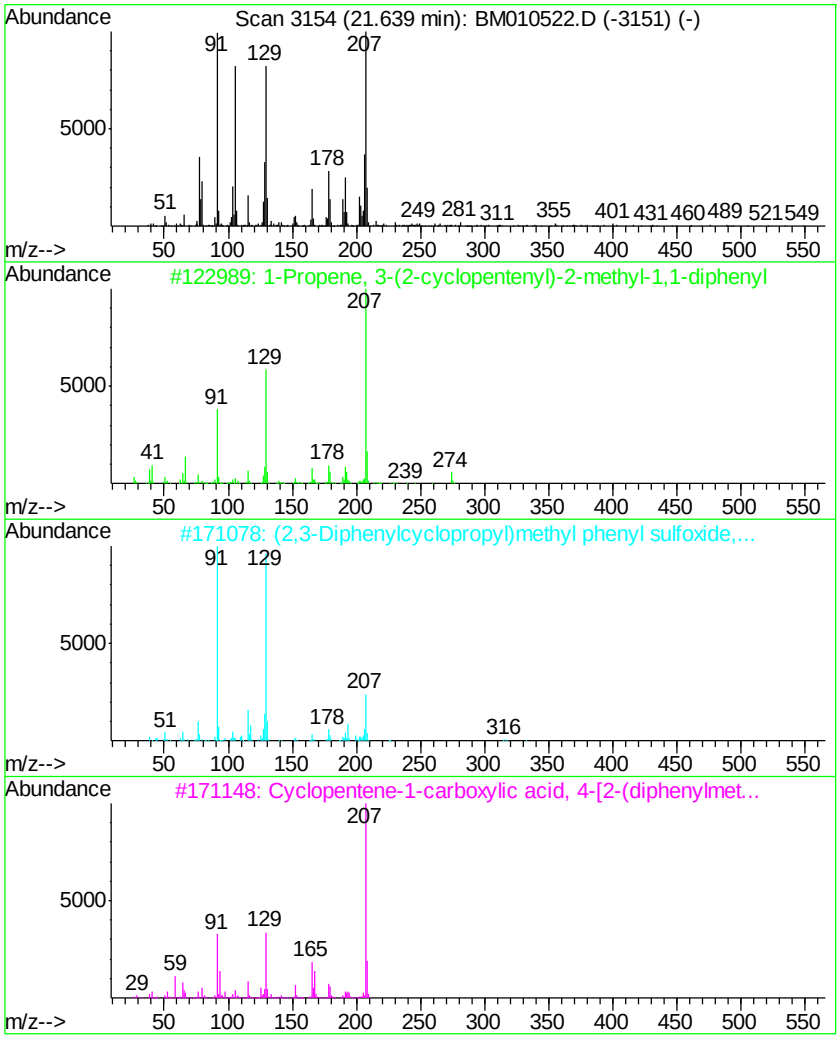
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

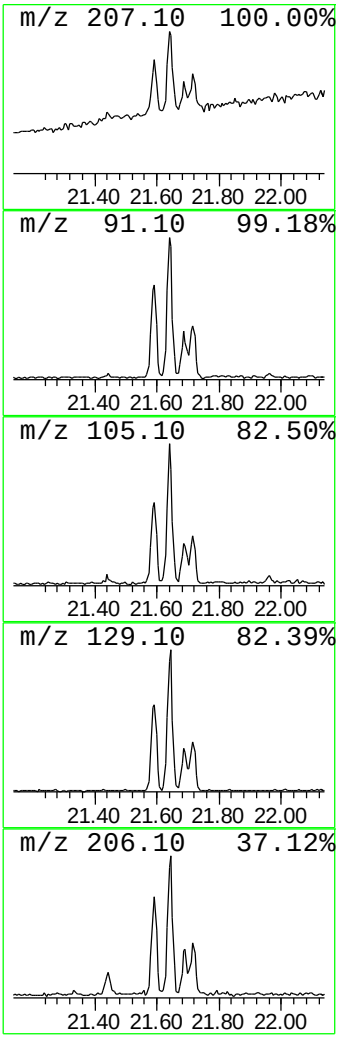
****

Peak Number 3 1-Propene, 3-(2-cyclopenten... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.64	7.85 ng/ul	1806260	Chrysene-d12	21.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3-(2-cyclopentenyl)-2...	274	C21H22	1000154-23-3	53
2	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	50
3	Cyclopentene-1-carboxylic acid, ...	332	C23H24O2	1000159-40-6	50
4	Indolizine, 2-(4-methylphenyl)-	207	C15H13N	007496-81-3	43
5	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	41





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010522.D
Acq On : 11 Jun 2017 13:10
Operator : SJ/MA
Sample : I3522-01
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C66

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

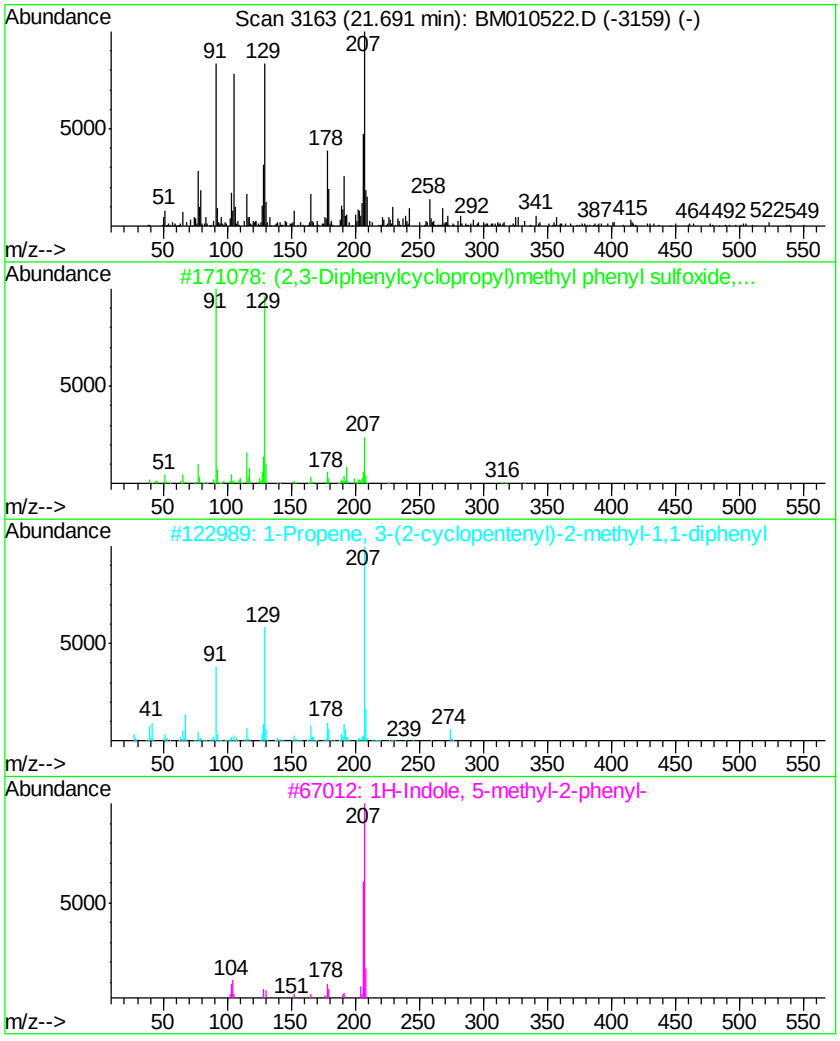
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

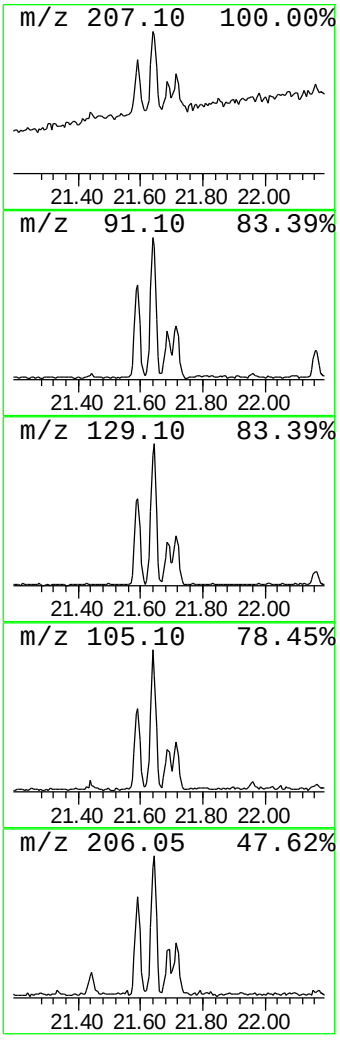
****

Peak Number 4 (2,3-Diphenylcyclopropyl)me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	2.82 ng/ul	648595	Chrysene-d12	21.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	50
2	1-Propene, 3-(2-cyclopentenyl)-2...	274	C21H22	1000154-23-3	50
3	1H-Indole, 5-methyl-2-phenyl-	207	C15H13N	013228-36-9	47
4	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	43
5	Indolizine, 2-(4-methylphenyl)-	207	C15H13N	007496-81-3	38





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010522.D
Acq On : 11 Jun 2017 13:10
Operator : SJ/MA
Sample : I3522-01
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C66

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

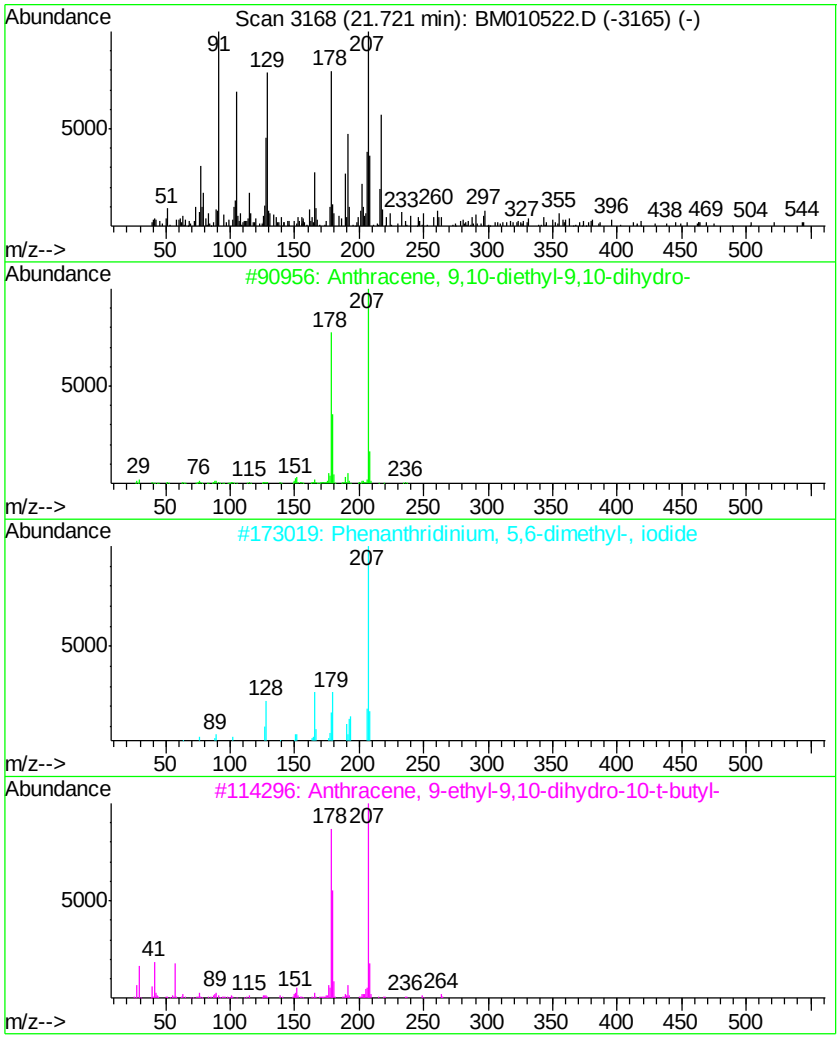
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

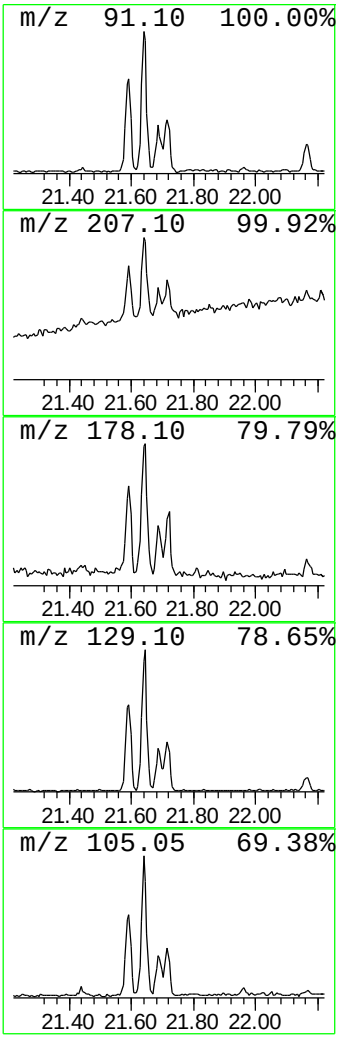
****

Peak Number 5 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.72	2.13 ng/ul	490292	Chrysene-d12	21.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9,10-diethyl-9,10-di...	236	C18H20	046868-29-5	43
2	Phenanthridinium, 5,6-dimethyl-,...	335	C15H14IN	016511-48-1	43
3	Anthracene, 9-ethyl-9,10-dihydro...	264	C20H24	1000154-57-7	43
4	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	38
5	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010522.D
Acq On : 11 Jun 2017 13:10
Operator : SJ/MA
Sample : I3522-01
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C66

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

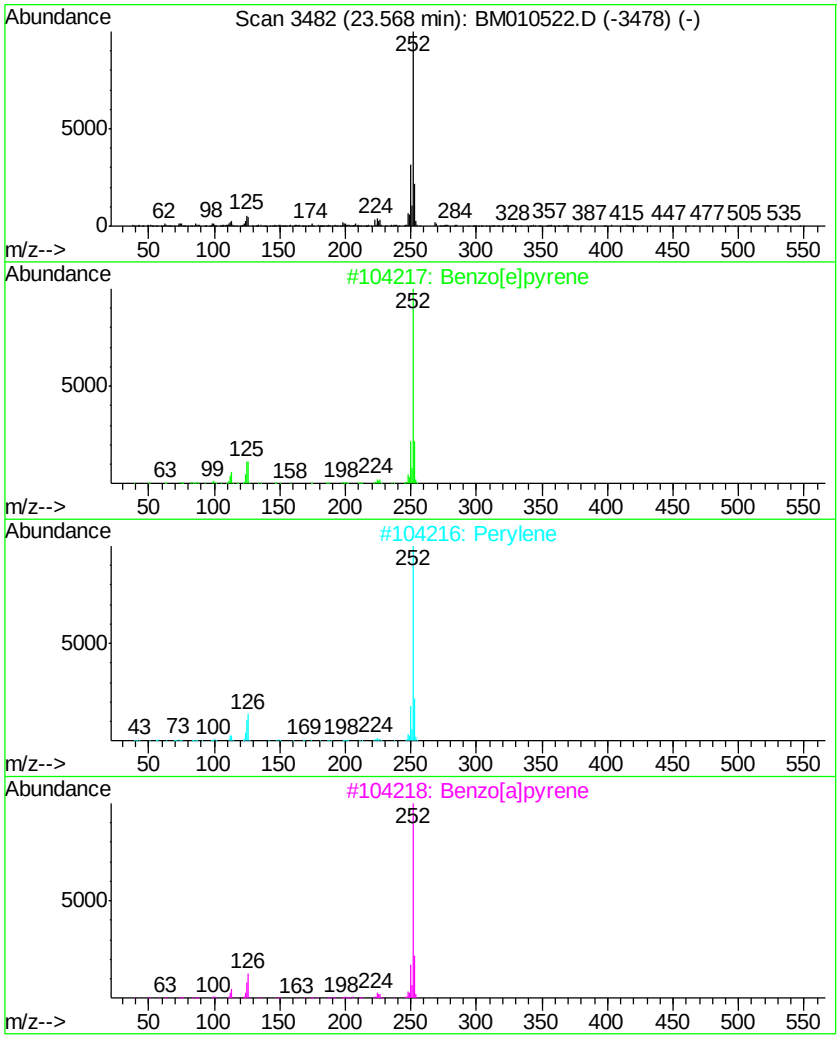
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

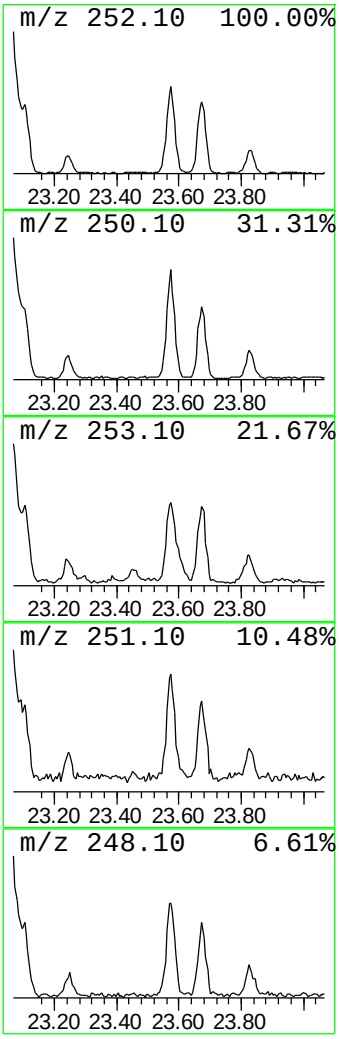
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.57	11.16 ng/ul	1780600	Perylene-d12	23.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	90
2	Perylene	252	C20H12	000198-55-0	81
3	Benzo[a]pyrene	252	C20H12	000050-32-8	81
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010522.D
Acq On : 11 Jun 2017 13:10
Operator : SJ/MA
Sample : I3522-01
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C66

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.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
Tridecanoic acid	18.12	2.5	ng/ul	306564	4	17.27	2423470	20.0
Thiocarbamic acid...	21.59	5.1	ng/ul	1173730	5	21.44	4604030	20.0
1-Propene, 3-(2-c...	21.64	7.8	ng/ul	1806260	5	21.44	4604030	20.0
(2,3-Diphenylcycl...	21.69	2.8	ng/ul	648595	5	21.44	4604030	20.0
unknown-01	21.72	2.1	ng/ul	490292	5	21.44	4604030	20.0
Benzo[e]pyrene	23.57	11.2	ng/ul	1780600	6	23.78	3190790	20.0