LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012761.D
Acq On : 06 Nov 2017 04:35
Operator : SJ/JU
Sample : I5825-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-19(0-1)-101117

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-BM110417MA.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	6.993	654	664	675	rVB2	474888	928966	22.12%	2.068%
2	7.146	682	690	697	rBV	358950	555173	13.22%	1.236%
3	7.351	718	725	732	rVB	500151	778301	18.53%	1.732%
4	7.816	795	804	810	rBV	400432	640984	15.26%	1.427%
5	8.522	918	924	932	rBV	671479	1090008	25.96%	2.426%
6	8.969	994	1000	1007	rBV	471999	779065	18.55%	1.734%
7	9.692	1116	1123	1135	rVB	357675	609178	14.51%	1.356%
8	10.234	1207	1215	1223	rBV	658222	1128558	26.87%	2.512%
9	10.604	1269	1278	1284	rBV	593207	974433	23.20%	2.169%
10	10.739	1295	1301	1314	rBV	324965	571344	13.61%	1.272%
11	11.922	1496	1502	1511	rVB	69550	117046	2.79%	0.261%
12	12.022	1511	1519	1527	rBV7	33021	61881	1.47%	0.138%
13	13.863	1822	1832	1836	rBV	1352415	1915530	45.62%	4.264%
14	13.904	1836	1839	1847	rVB	723975	988785	23.55%	2.201%
15	14.145	1874	1880	1894	rVB	1673045	2495264	59.42%	5.554%
16	14.351	1911	1915	1920	rVB	52677	65094	1.55%	0.145%
17	14.451	1922	1932	1939	rVV2	1000091	1518682	36.17%	3.381%
18	14.516	1939	1943	1950	rVB2	36537	64377	1.53%	0.143%
19	14.680	1960	1971	1976	rBV10	26314	62225	1.48%	0.139%
20	15.445	2095	2101	2107	rBV	2196037	3142279	74.83%	6.995%
21	15.680	2135	2141	2145	rBV3	35239	74488	1.77%	0.166%
22	15.810	2155	2163	2169	rBV	424103	608654	14.49%	1.355%
23	16.163	2219	2223	2226	rBV2	101622	155419	3.70%	0.346%
24	16.192	2226	2228	2232	rVB2	96118	106011	2.52%	0.236%
25	16.280	2239	2243	2247	rBV	154248	217274	5.17%	0.484%
26	16.345	2249	2254	2259	rVV2	137379	278882	6.64%	0.621%
27	16.404	2259	2264	2268	rVV2	150459	220670	5.25%	0.491%
28	16.445	2268	2271	2276	rVB	85854	114016	2.72%	0.254%
29	16.551	2286	2289	2293	rVB2	70100	80663	1.92%	0.180%
30	16.604	2293	2298	2304	rVB3	170140	305808	7.28%	0.681%
31	16.668	2305	2309	2312	rBV	160560	195754	4.66%	0.436%
32	16.745	2318	2322	2325	rVB2	88672	113682	2.71%	0.253%
33	16.851	2337	2340	2347	rBV2	61940	103960	2.48%	0.231%
34	16.957	2355	2358	2361	rBV3	69122	77688	1.85%	0.173%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I5825-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-19(0-1)-101117

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-BM110417MA.M
Title : SVOA CALIBRATION

35	17.098	2378	2382	2389	rVB6	73629	115314	2.75%	0.257%
36	17.163	2390	2393	2394	rBV3	52951	53913	1.28%	0.120%
37	17.198	2394	2399	2403	rBV2	1271636	1826074	43.49%	4.065%
38	17.239	2403	2406	2411	rVB	775547	966082	23.01%	2.150%
39	17.298	2411	2416	2421	rBV2	2414909	3440585	81.93%	7.659%
40	18.092	2548	2551	2555	rBV	358907	451927	10.76%	1.006%
41	18.162	2560	2563	2567	rVB	210882	227872	5.43%	0.507%
42	19.256	2745	2749	2756	rVB	1775362	2290136	54.54%	5.098%
43	19.592	2801	2806	2809	rBV	2918072	4199312	100.00%	9.347%
44	19.621	2809	2811	2819	rVB	1480915	1931107	45.99%	4.299%
45	20.515	2960	2963	2966	rVB	637958	689551	16.42%	1.535%
46	21.292	3092	3095	3099	rVB	2297850	2305952	54.91%	5.133%
47	21.380	3105	3110	3114	rBV2	1565473	2666113	63.49%	5.935%
48	23.533	3472	3476	3481	rBV2	1580529	2620622	62.41%	5.833%

Sum of corrected areas: 44924702

LSC Report - Integrated Chromatogram

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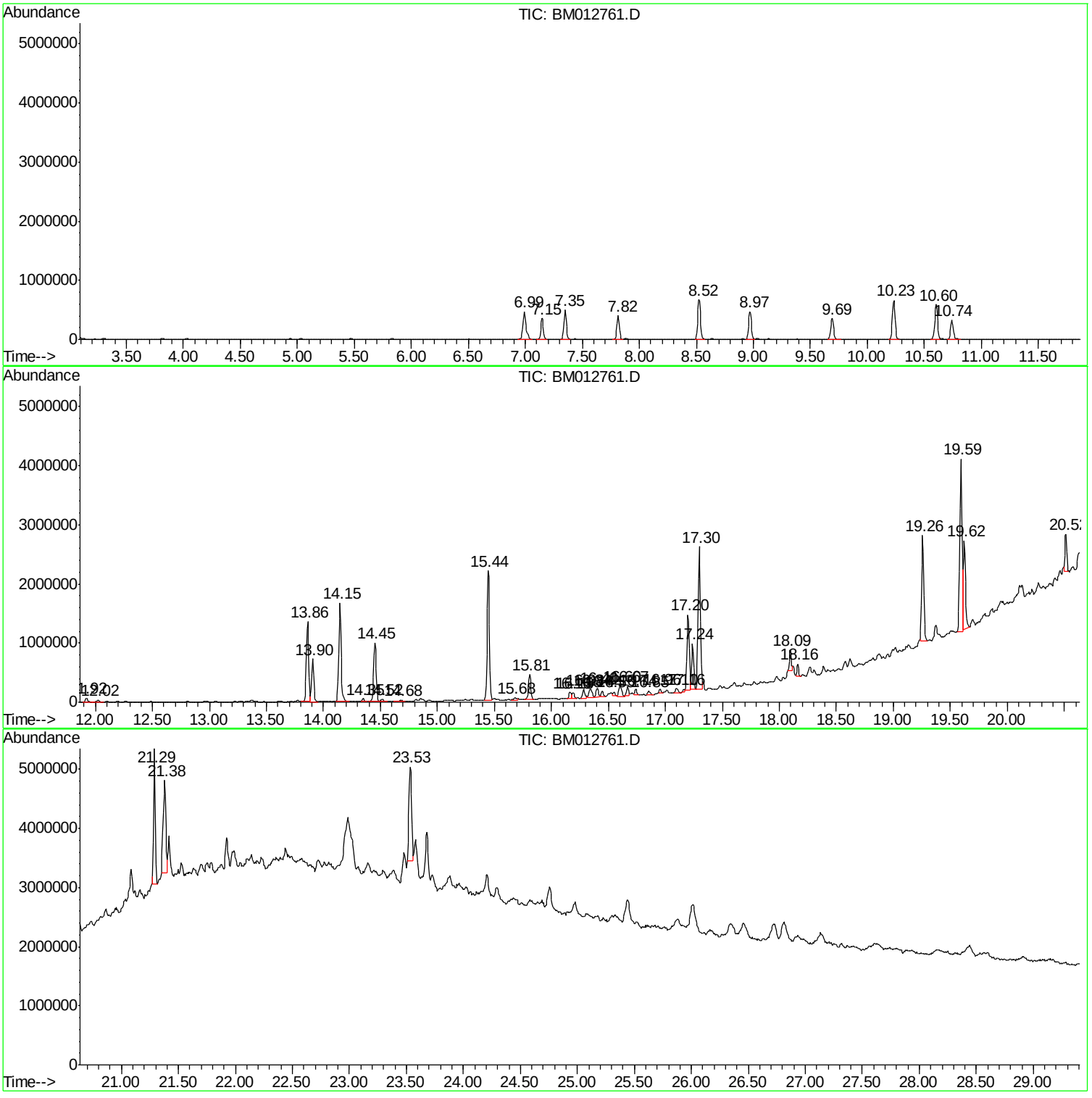
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-19(0-1)-101117

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : B-19(0-1)-101117

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

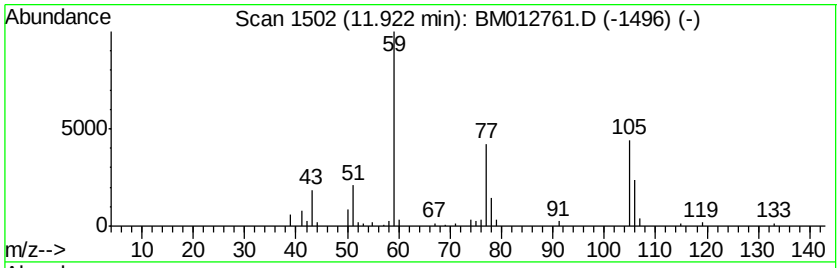
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

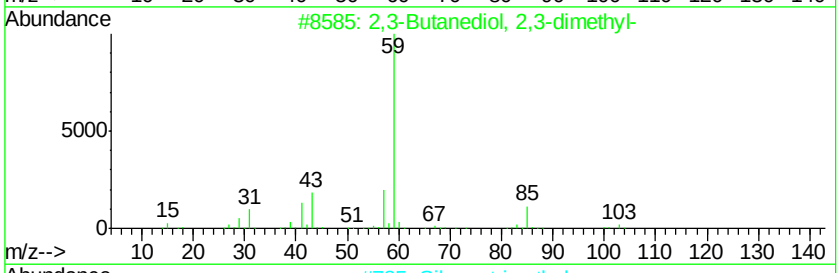
****

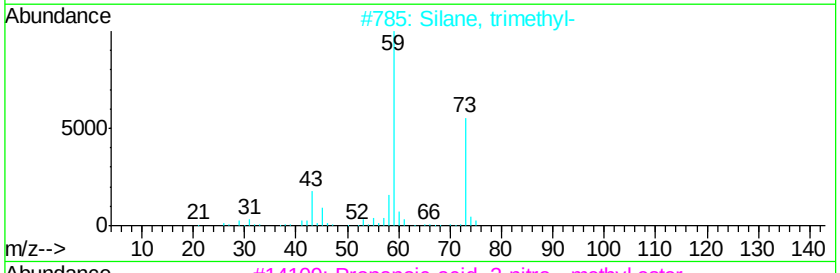
Peak Number 1 unknown-01 Concentration Rank 7

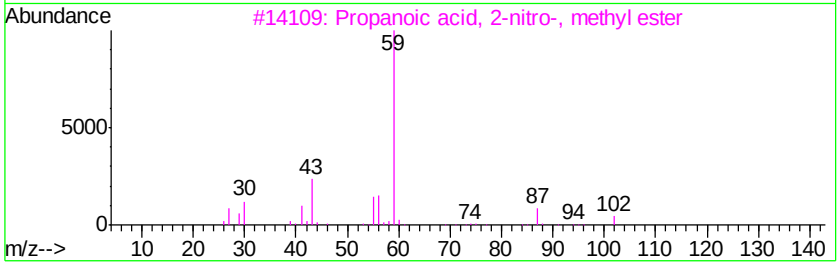
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	2.40 ng/ul	117046	Naphthalene-d8	10.60

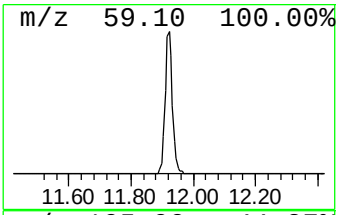
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Butanediol, 2,3-dimethyl-	118	C6H14O2	000076-09-5	12
2	Silane, trimethyl-	74	C3H10Si	000993-07-7	9
3	Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9
4	2,3-Butanediol, 2,3-dimethyl-	118	C6H14O2	000076-09-5	9
5	1,2-Butanediol	90	C4H10O2	000584-03-2	9

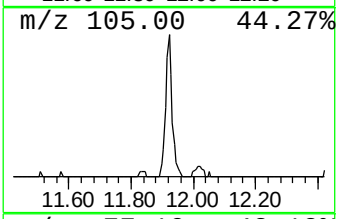


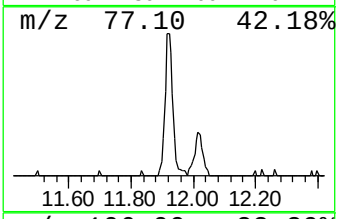


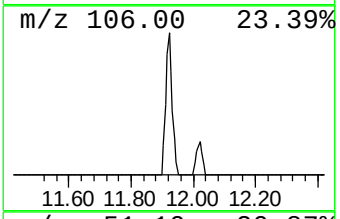


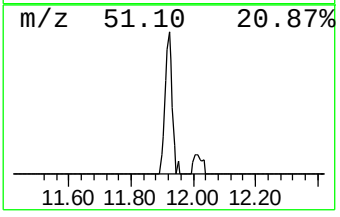












Library Search Compound Report

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Sample : I5825-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-19(0-1)-101117

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

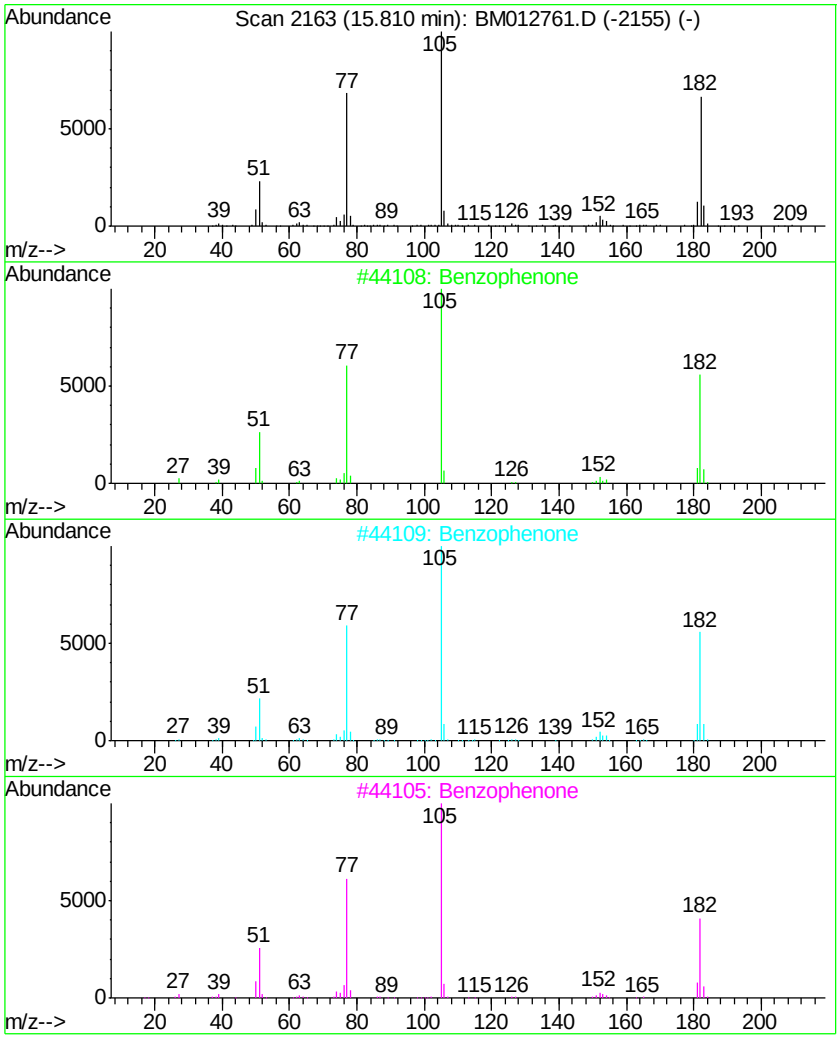
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

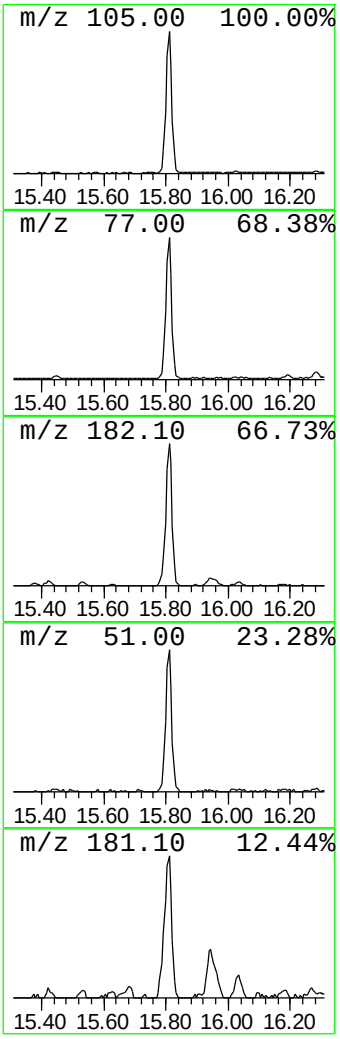
****

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	8.02 ng/ul	608654	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	96
4	Benzophenone	182	C13H10O	000119-61-9	94
5	Benzophenone	182	C13H10O	000119-61-9	87





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ClientSampleId : B-19(0-1)-101117

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

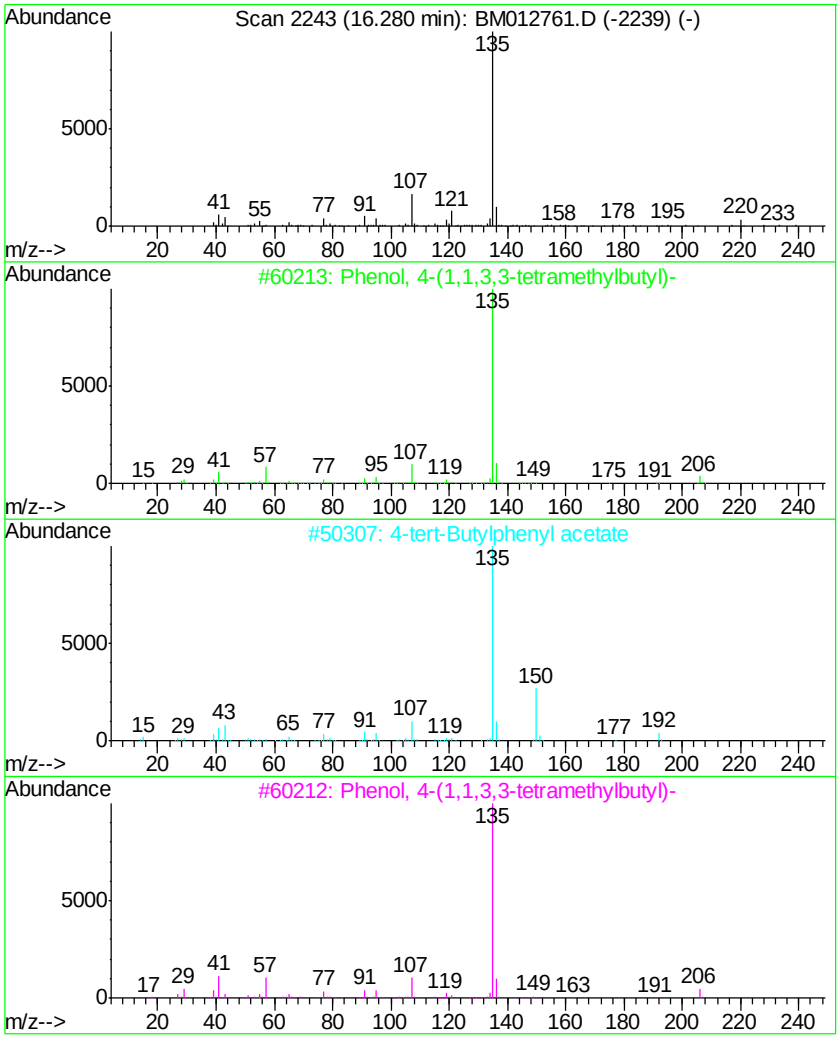
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

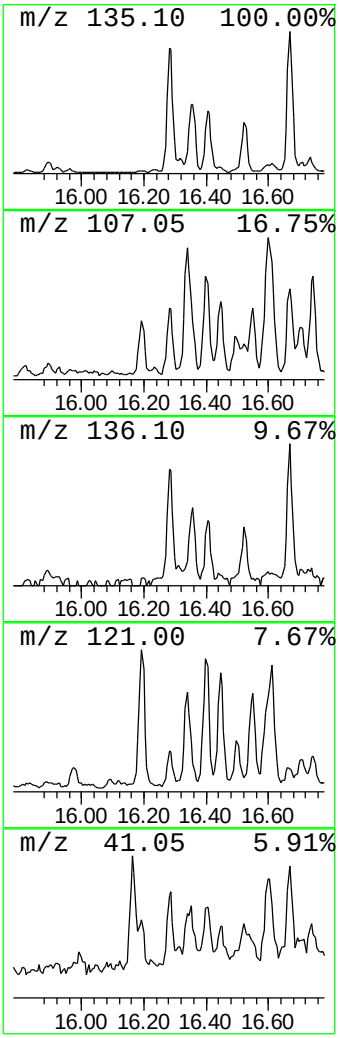
****

Peak Number 3 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	2.38 ng/ul	217274	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
2	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	72
3	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64
4	1-Adamantanecarboxylic acid, 2-p...	220	C14H20O2	107144-95-6	59
5	m-Methoxybenzoic acid, phenyl ester	228	C14H12O3	065853-67-0	59





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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

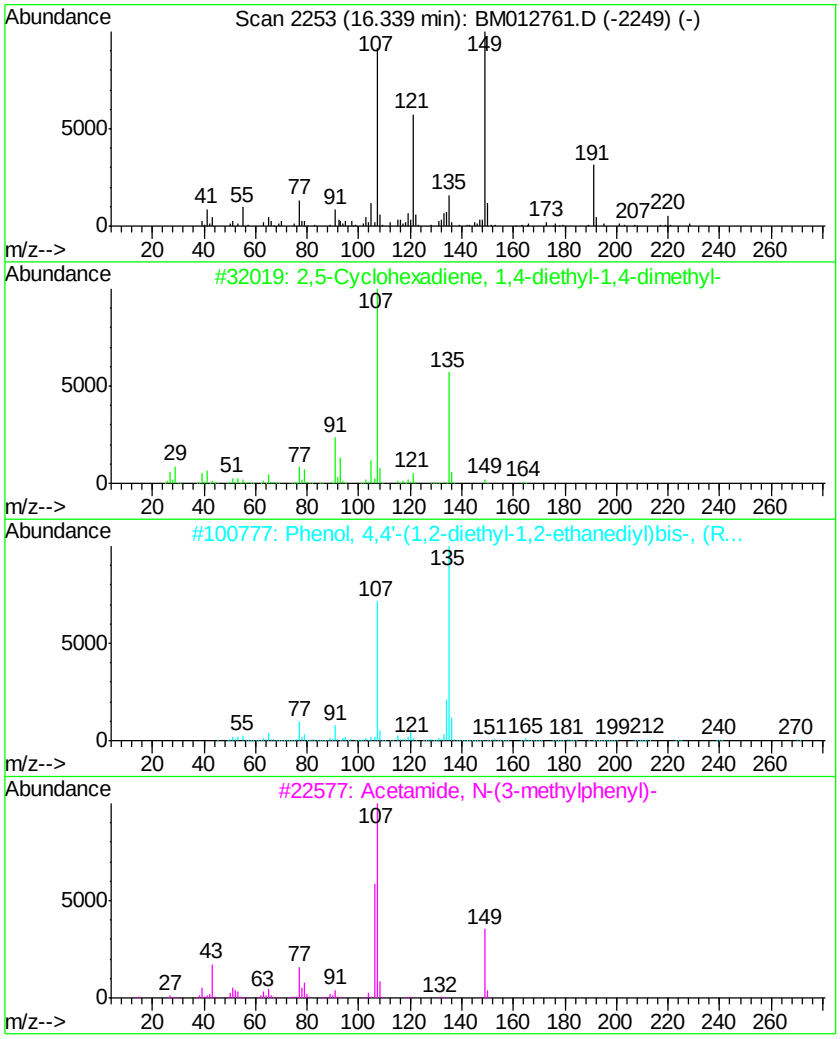
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

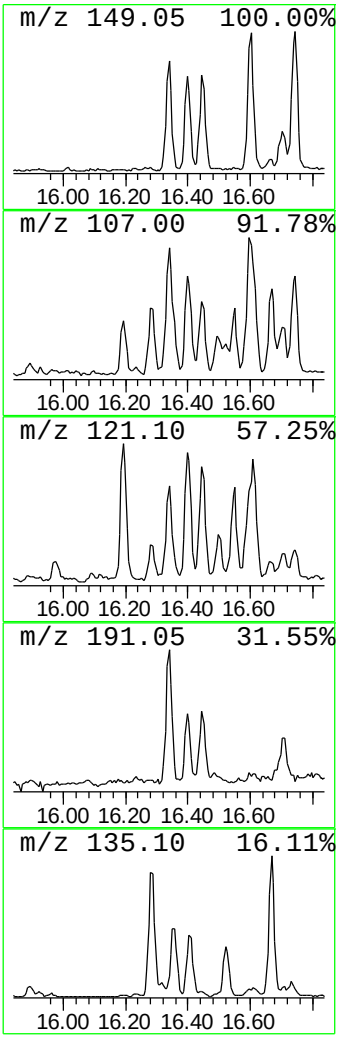
****

Peak Number 4 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	3.05 ng/ul	278882	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene, 1,4-diethyl-...	164	C12H20	1000150-21-6	47
2	Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	35
3	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	30
4	Butanamide, N-(2-methylphenyl)-3...	191	C11H13NO2	000093-68-5	25
5	4-Butoxy-2-hydroxybenzonitrile	191	C11H13NO2	144105-12-4	22





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Quant Title : SVOA CALIBRATION

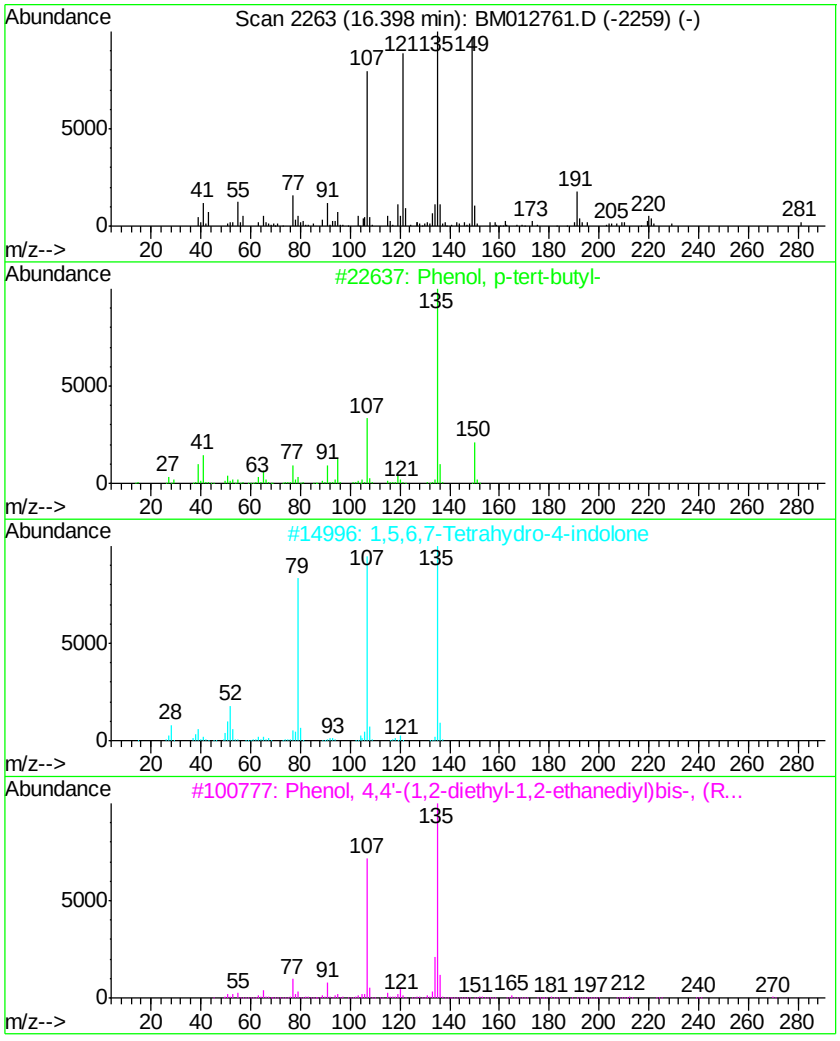
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

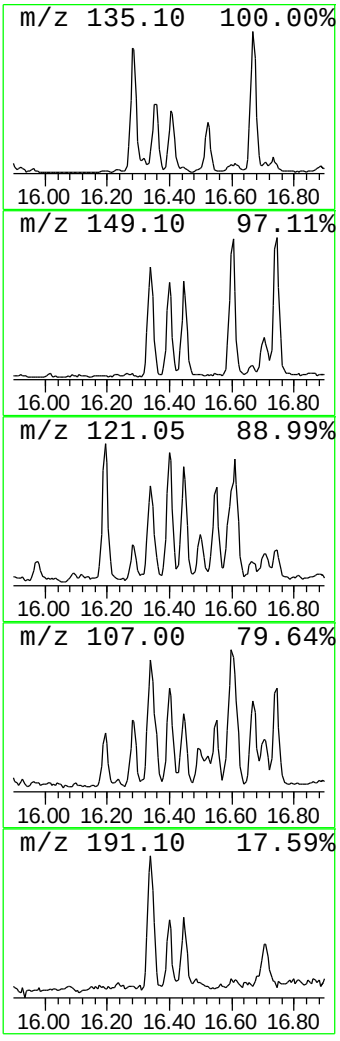
****

Peak Number 5 Phenol, p-tert-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	2.42 ng/ul	220670	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	64
2	1,5,6,7-Tetrahydro-4-indolone	135	C8H9NO	013754-86-4	50
3	Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	50
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	50
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	50





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Quant Title : SVOA CALIBRATION

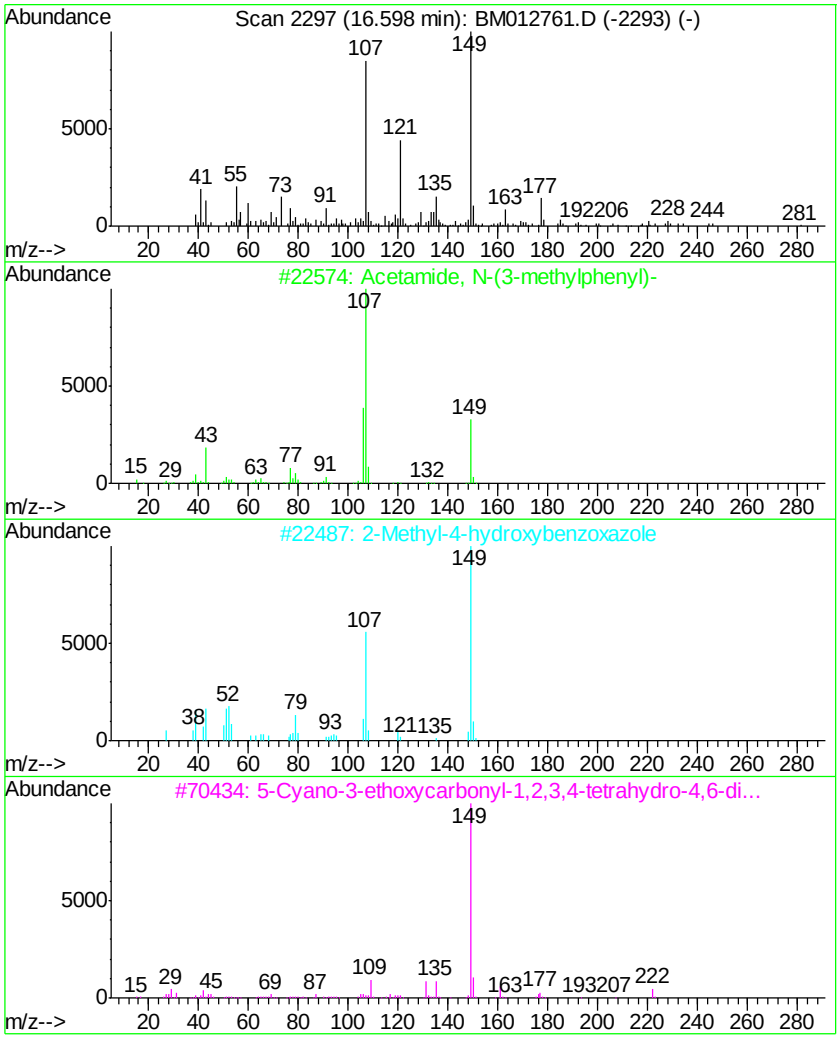
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

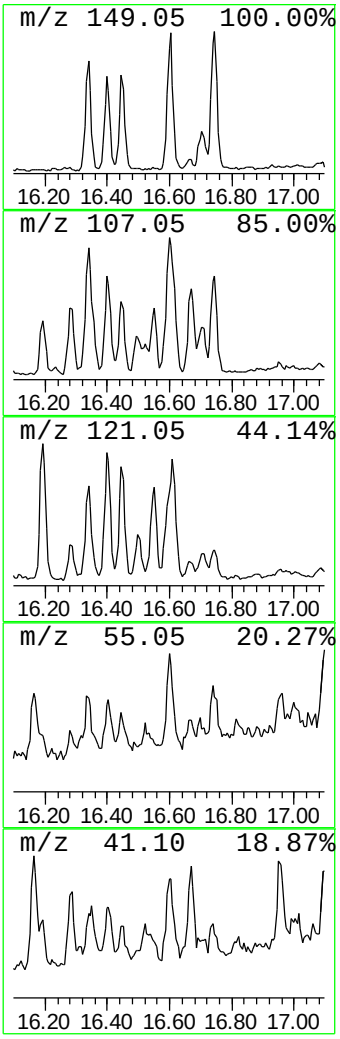
****

Peak Number 6 Acetamide, N-(3-methylphenyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	3.35 ng/ul	305808	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	58
2	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	53
3	5-Cyano-3-ethoxycarbonyl-1,2,3,4...	222	C11H14N2O3	027036-94-8	43
4	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	43
5	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	43





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Instrument : BNA_M
ClientSampleId : B-19(0-1)-101117

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

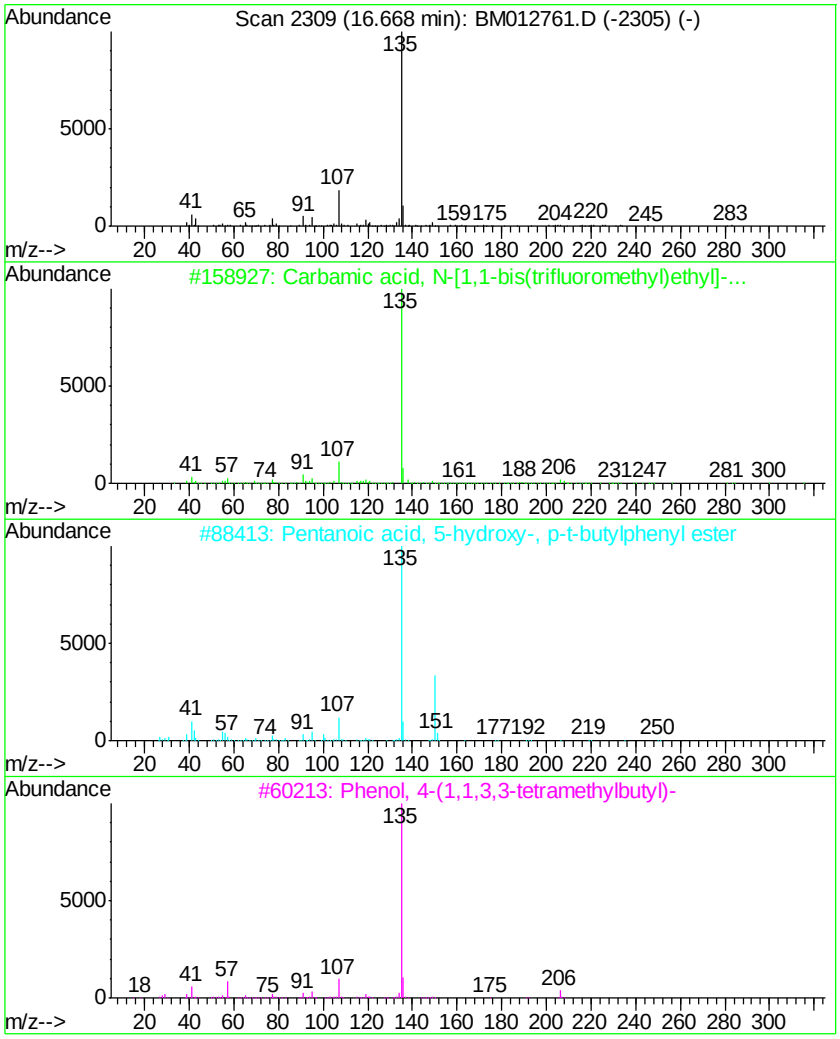
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

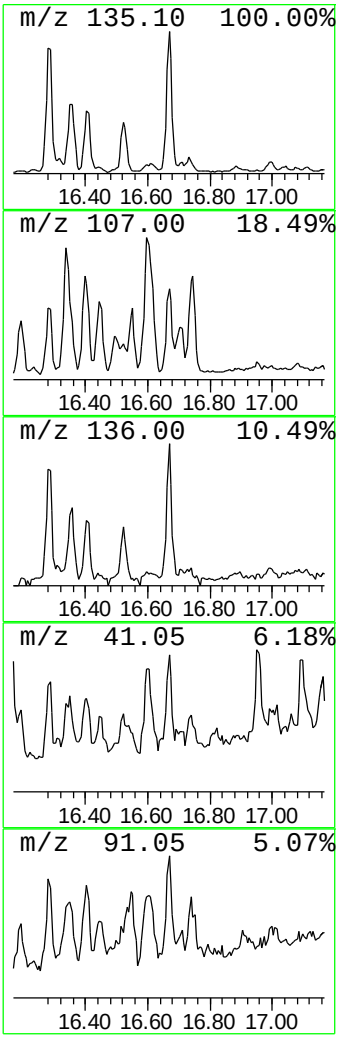
****

Peak Number 7 Carbamic acid, N-[1,1-bis(t... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	2.14 ng/ul	195754	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	72
2	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	72
3	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012761.D
Acq On : 06 Nov 2017 04:35
Operator : SJ/JU
Sample : I5825-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-19(0-1)-101117

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

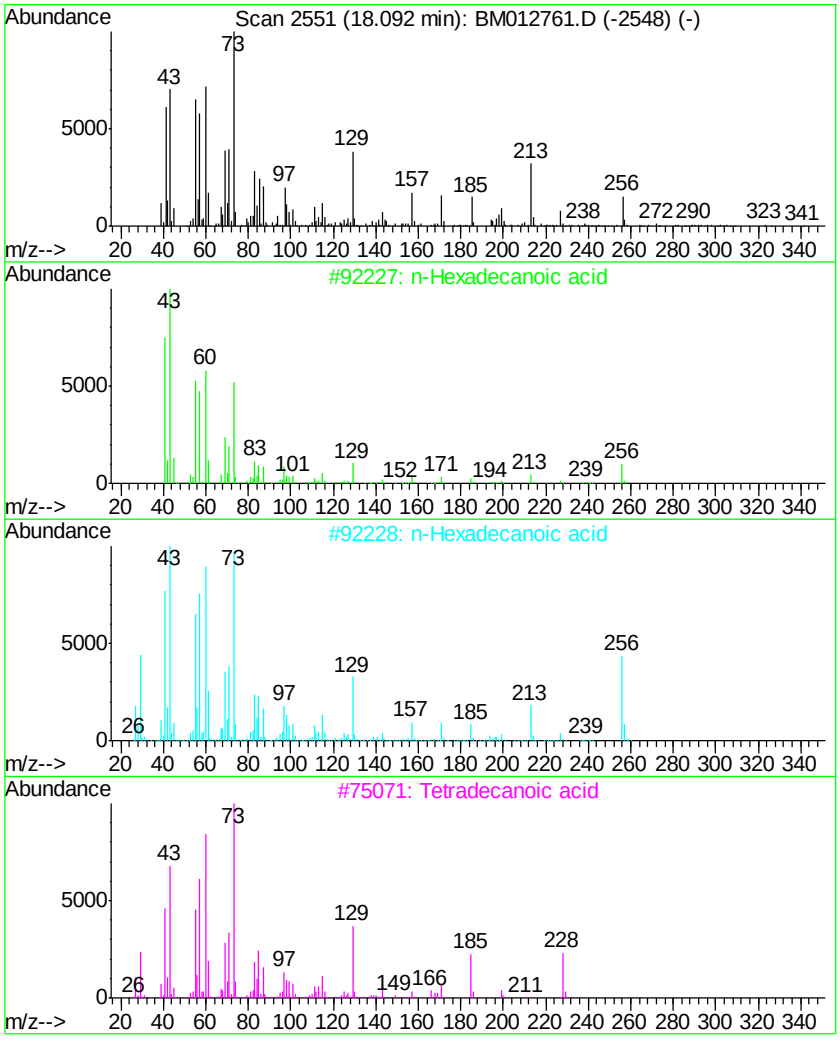
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

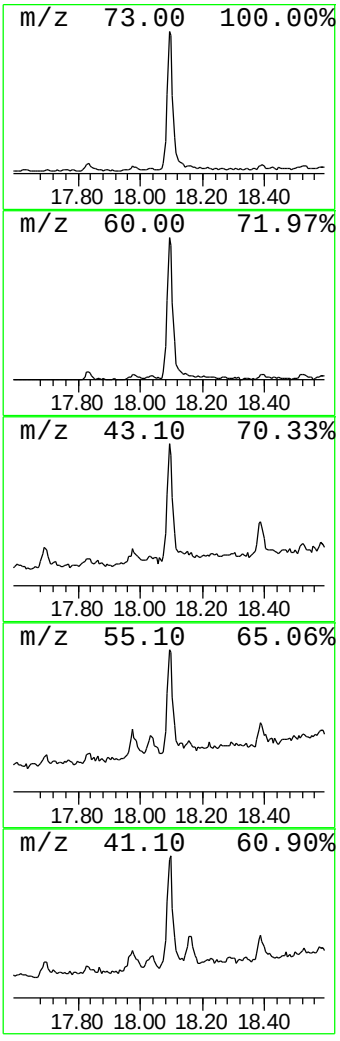
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	4.95 ng/ul	451927	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Tridecanoic acid	214	C13H26O2	000638-53-9	89





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012761.D
Acq On : 06 Nov 2017 04:35
Operator : SJ/JU
Sample : I5825-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-19(0-1)-101117

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

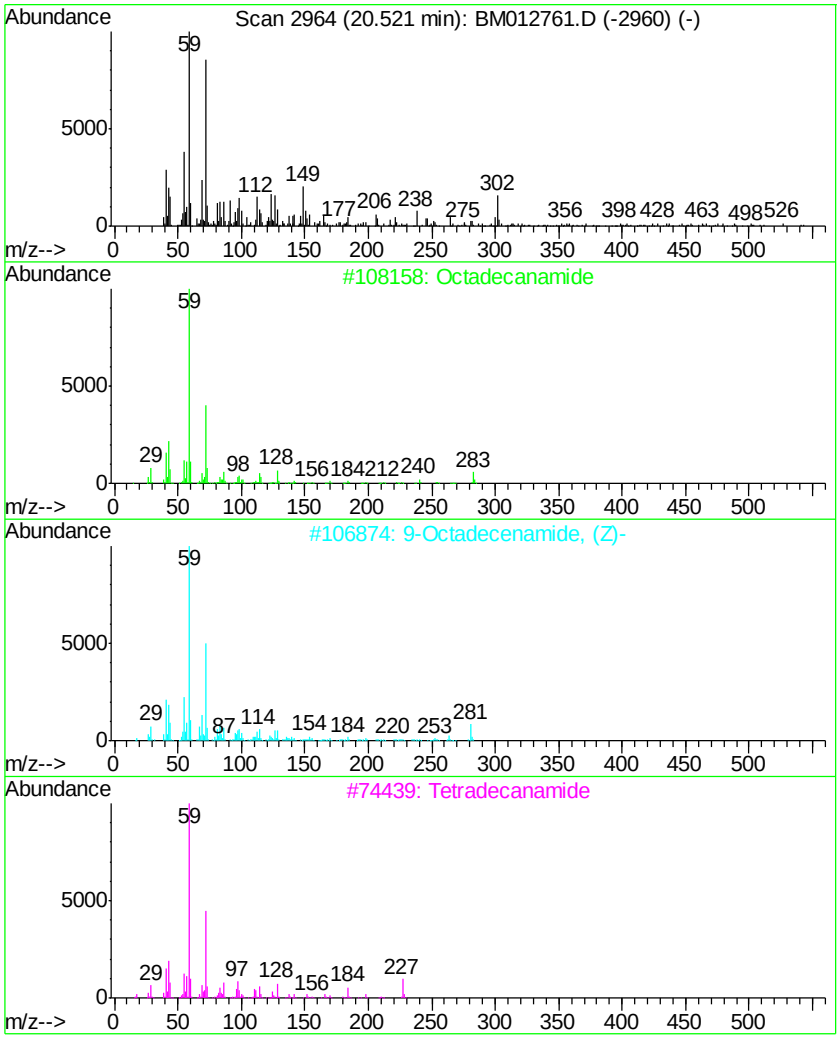
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

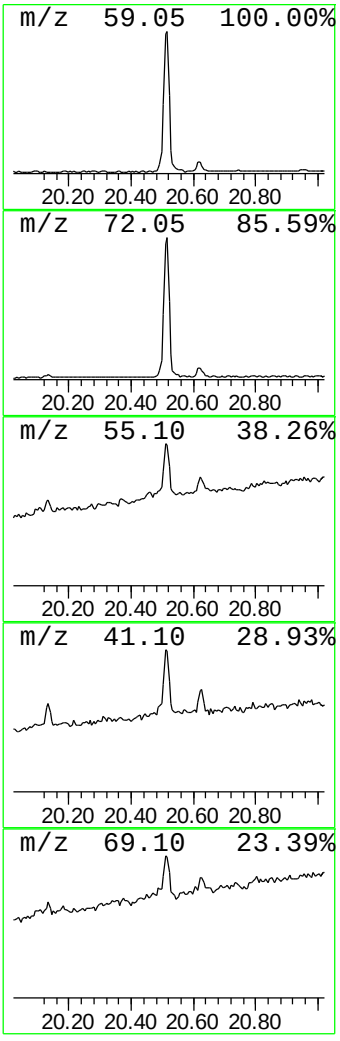
****

Peak Number 9 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.52	5.17 ng/ul	689551	Chrysene-d12	21.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanamide	283	C18H37NO	000124-26-5	49
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	49
3	Tetradecanamide	227	C14H29NO	000638-58-4	43
4	Tetradecanamide	227	C14H29NO	000638-58-4	38
5	Tetradecanamide	227	C14H29NO	000638-58-4	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012761.D
Acq On : 06 Nov 2017 04:35
Operator : SJ/JU
Sample : I5825-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-19(0-1)-101117

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.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	11.92	2.4	ng/ul	117046	2	10.60	974433	20.0
Benzophenone	15.81	8.0	ng/ul	608654	3	14.45	1518680	20.0
Phenol, 4-(1,1,3,...	16.28	2.4	ng/ul	217274	4	17.20	1826070	20.0
unknown-02	16.34	3.0	ng/ul	278882	4	17.20	1826070	20.0
Phenol, p-tert-bu...	16.40	2.4	ng/ul	220670	4	17.20	1826070	20.0
Acetamide, N-(3-m...	16.60	3.4	ng/ul	305808	4	17.20	1826070	20.0
Carbamic acid, N-...	16.67	2.1	ng/ul	195754	4	17.20	1826070	20.0
n-Hexadecanoic acid	18.09	5.0	ng/ul	451927	4	17.20	1826070	20.0
unknown-03	20.52	5.2	ng/ul	689551	5	21.38	2666110	20.0