LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013810.D
Acq On : 25 Jan 2018 17:49
Operator : SJ/JU
Sample : J1243-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B36

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-BM011018.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	3.146	24	27	35	rVB3	30633	52726	1.86%	0.156%
2	6.781	638	645	658	rBV2	493816	942110	33.29%	2.791%
3	6.940	664	672	684	rBV	379117	610227	21.56%	1.808%
4	7.128	698	704	715	rVB	550277	886243	31.32%	2.626%
5	7.593	777	783	793	rBV	454350	702390	24.82%	2.081%
6	8.310	899	905	917	rBV	620189	1036017	36.61%	3.070%
7	8.751	972	980	987	rBV	512101	848439	29.98%	2.514%
8	9.146	1042	1047	1053	rVB3	18167	28403	1.00%	0.084%
9	9.463	1093	1101	1112	rBV	433317	772096	27.29%	2.288%
10	10.004	1186	1193	1202	rBV	625928	1106040	39.09%	3.277%
11	10.369	1247	1255	1260	rBV	535410	907238	32.06%	2.688%
12	10.416	1260	1263	1272	rVB	93504	143484	5.07%	0.425%
13	10.522	1274	1281	1298	rBV	486003	939327	33.19%	2.783%
14	11.704	1475	1482	1491	rBV2	52891	106504	3.76%	0.316%
15	12.039	1533	1539	1547	rBV	132917	222647	7.87%	0.660%
16	12.263	1572	1577	1583	rVB	63763	96926	3.43%	0.287%
17	13.075	1708	1715	1722	rBV2	45352	71376	2.52%	0.211%
18	13.563	1791	1798	1803	rBV4	26451	46049	1.63%	0.136%
19	13.663	1810	1815	1820	rVV	1087767	1519001	53.68%	4.501%
20	13.710	1820	1823	1832	rVB	243894	356136	12.59%	1.055%
21	13.933	1853	1861	1874	rBV	1204799	1845779	65.23%	5.469%
22	14.245	1906	1914	1920	rVV2	740639	1170665	41.37%	3.468%
23	14.310	1920	1925	1936	rVB	169416	257887	9.11%	0.764%
24	14.486	1948	1955	1973	rBV	295911	668039	23.61%	1.979%
25	14.651	1978	1983	1989	rBV	133040	205949	7.28%	0.610%
26	14.875	2017	2021	2027	rVB7	22956	39455	1.39%	0.117%
27	15.104	2055	2060	2065	rVB7	26997	42095	1.49%	0.125%
28	15.245	2078	2084	2089	rBV	1469959	2078265	73.44%	6.158%
29	15.298	2089	2093	2103	rVB	156206	238419	8.43%	0.706%
30	15.386	2103	2108	2117	rBV	394044	618348	21.85%	1.832%
31	15.469	2117	2122	2125	rBV6	16254	31309	1.11%	0.093%
32	15.622	2140	2148	2153	rBV	304347	454037	16.05%	1.345%
33	15.716	2160	2164	2167	rBV	33776	43745	1.55%	0.130%
34	15.745	2167	2169	2175	rVB3	22025	37204	1.31%	0.110%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013810.D
Acq On : 25 Jan 2018 17:49
Operator : SJ/JU
Sample : J1243-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B36

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-BM011018.M
Title : SVOA CALIBRATION

35	15.986	2204	2210	2215	rBV7	26208	58905	2.08%	0.175%
36	16.033	2215	2218	2225	rVB7	21477	33250	1.18%	0.099%
37	16.669	2321	2326	2331	rBV7	38344	60219	2.13%	0.178%
38	16.822	2348	2352	2358	rVB	38417	53456	1.89%	0.158%
39	16.998	2376	2382	2386	rBV2	916004	1298827	45.90%	3.848%
40	17.039	2386	2389	2394	rVV	492828	670356	23.69%	1.986%
41	17.098	2394	2399	2413	rVB	1606511	2340234	82.70%	6.934%
42	17.421	2447	2454	2459	rBV2	51496	102641	3.63%	0.304%
43	17.910	2526	2537	2545	rBV4	224789	446836	15.79%	1.324%
44	18.074	2560	2565	2569	rBV3	48999	73563	2.60%	0.218%
45	18.386	2614	2618	2624	rVB3	23430	36707	1.30%	0.109%
46	19.068	2726	2734	2740	rBV	259839	413392	14.61%	1.225%
47	19.121	2740	2743	2750	rVB8	27482	43376	1.53%	0.129%
48	19.198	2751	2756	2763	rBV8	107013	163736	5.79%	0.485%
49	19.404	2785	2791	2799	rBV	1945592	2829744	100.00%	8.384%
50	19.463	2799	2801	2805	rVB2	66662	77886	2.75%	0.231%
51	19.933	2878	2881	2885	rBV5	32821	48512	1.71%	0.144%
52	20.915	3045	3048	3056	rVB4	220634	297062	10.50%	0.880%
53	21.204	3091	3097	3101	rBV	1179573	1608876	56.86%	4.767%
54	23.256	3440	3446	3459	rVB2	1356107	2582585	91.27%	7.652%
55	23.398	3464	3470	3476	rVB2	711975	1386695	49.00%	4.109%

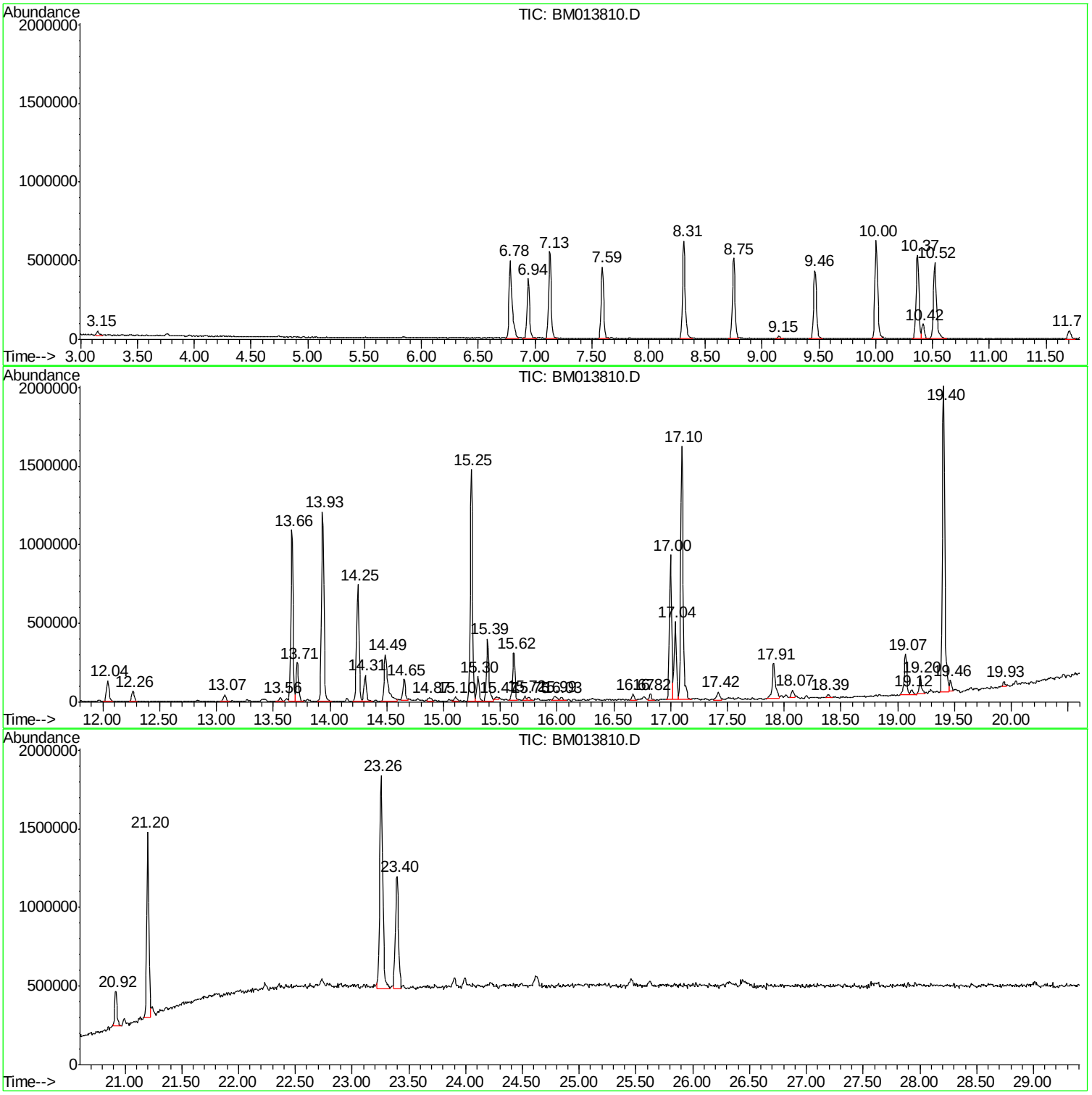
Sum of corrected areas: 33751433

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013810.D
Acq On : 25 Jan 2018 17:49
Operator : SJ/JU
Sample : J1243-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013810.D
Acq On : 25 Jan 2018 17:49
Operator : SJ/JU
Sample : J1243-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

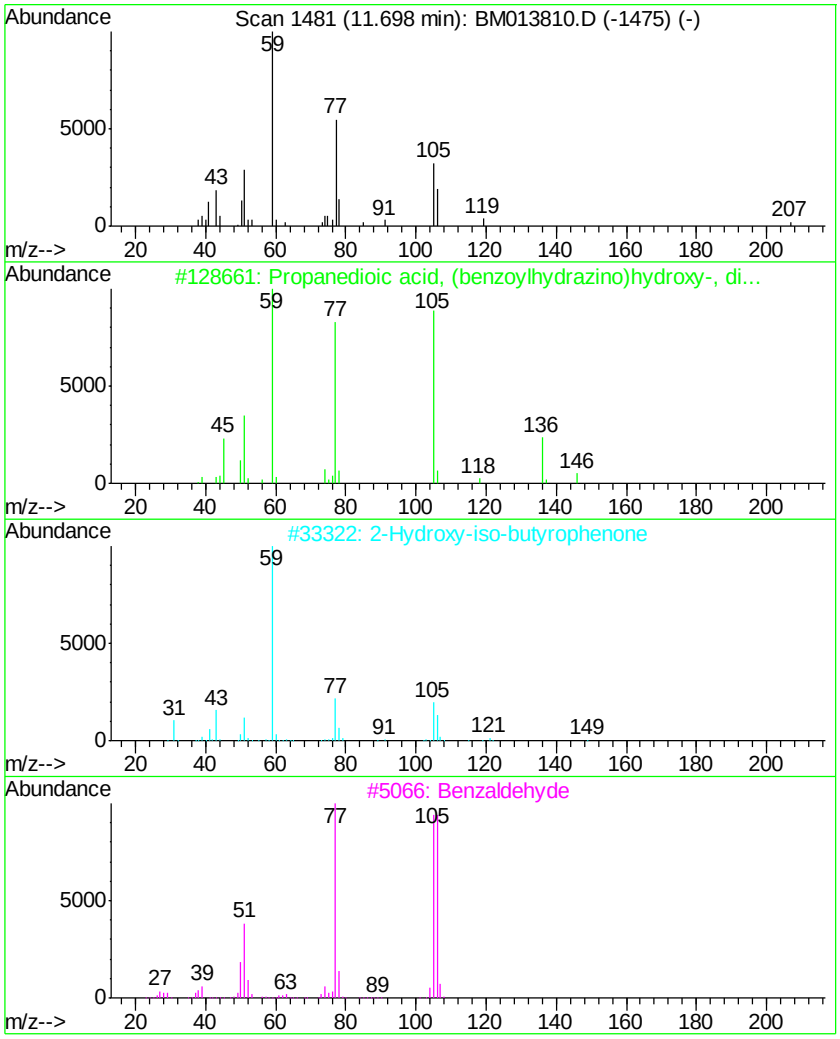
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

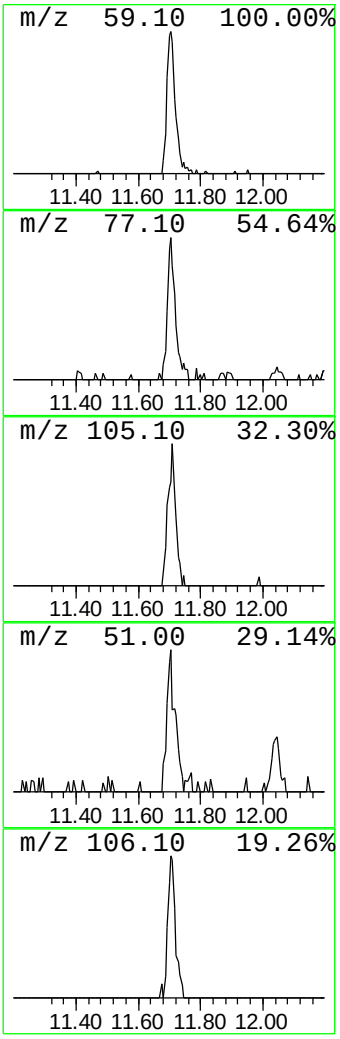
****

Peak Number 1 Propanedioic acid, (benzoyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	2.35 ng/ul	106504	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, (benzoylhydra...	282	C12H14N2O6	1000142-99-9	72
2	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	59
3	Benzaldehyde	106	C7H6O	000100-52-7	43
4	Benzeneacetonitrile, .alpha.-hyd...	133	C8H7NO	000532-28-5	35
5	Ethanone, 2-amino-1-phenyl-	135	C8H9NO	000613-89-8	32





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013810.D
Acq On : 25 Jan 2018 17:49
Operator : SJ/JU
Sample : J1243-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

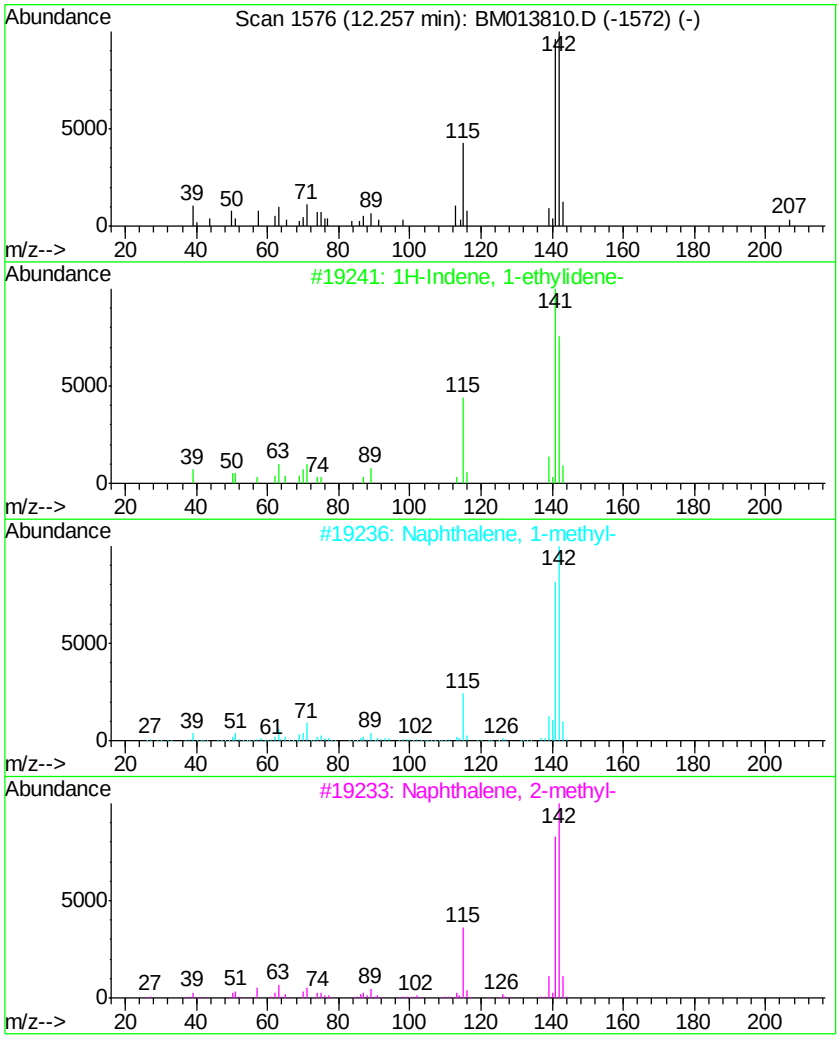
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

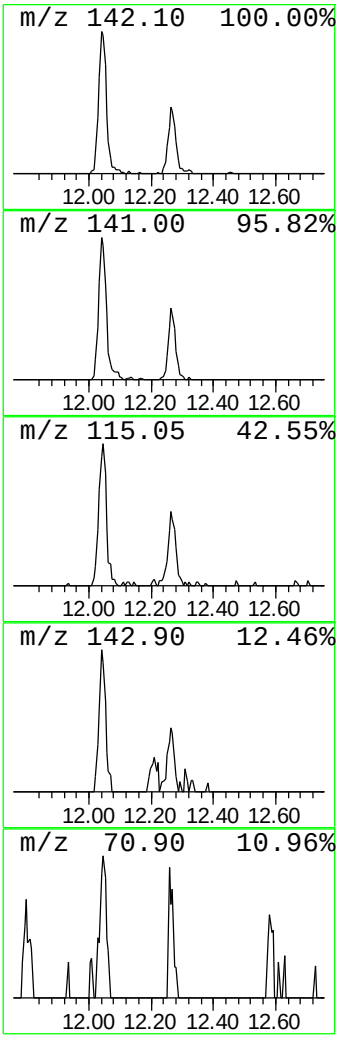
****

Peak Number 2 1H-Indene, 1-ethylidene- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	2.14 ng/ul	96926	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013810.D
Acq On : 25 Jan 2018 17:49
Operator : SJ/JU
Sample : J1243-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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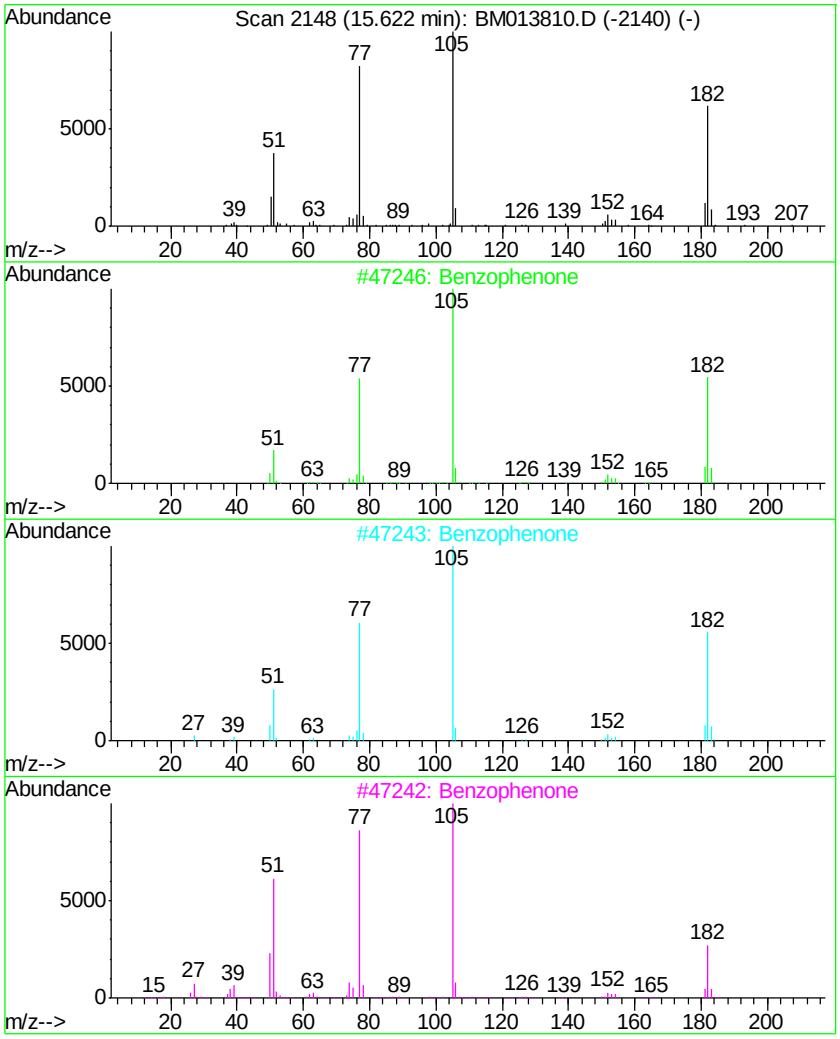
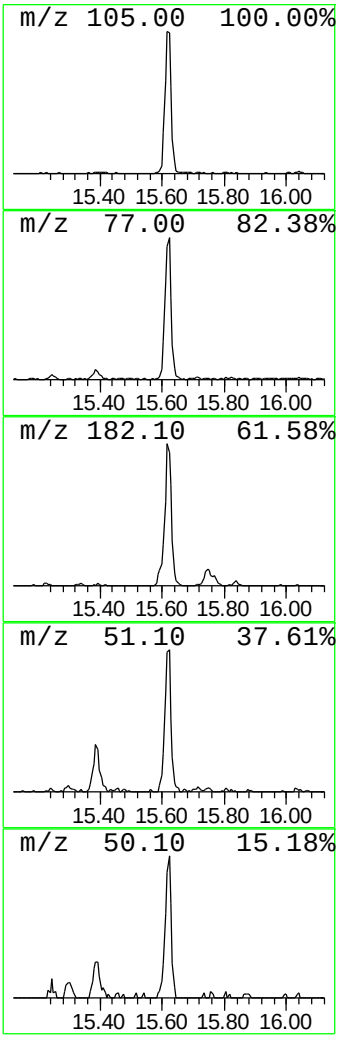
Peak Number 3 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	7.76 ng/ul	454037	Acenaphthene-d10	14.25

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	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013810.D
Acq On : 25 Jan 2018 17:49
Operator : SJ/JU
Sample : J1243-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

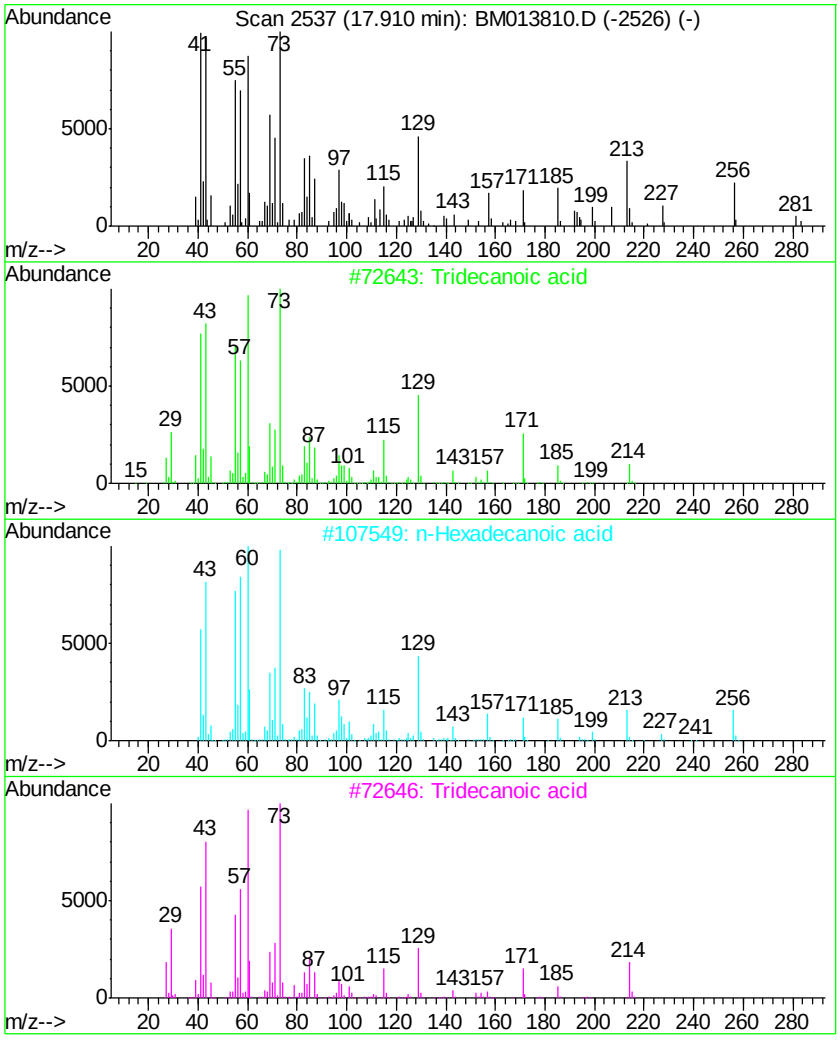
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

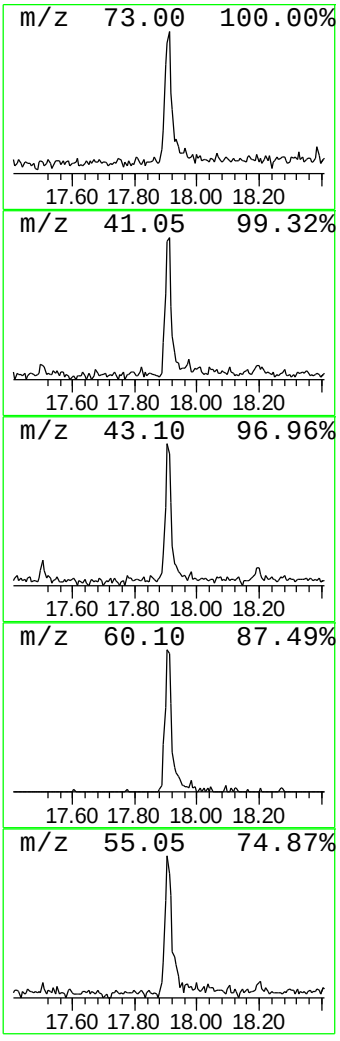
****

Peak Number 4 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	6.88 ng/ul	446836	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	83
5	Undecanoic acid	186	C11H22O2	000112-37-8	76





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013810.D
Acq On : 25 Jan 2018 17:49
Operator : SJ/JU
Sample : J1243-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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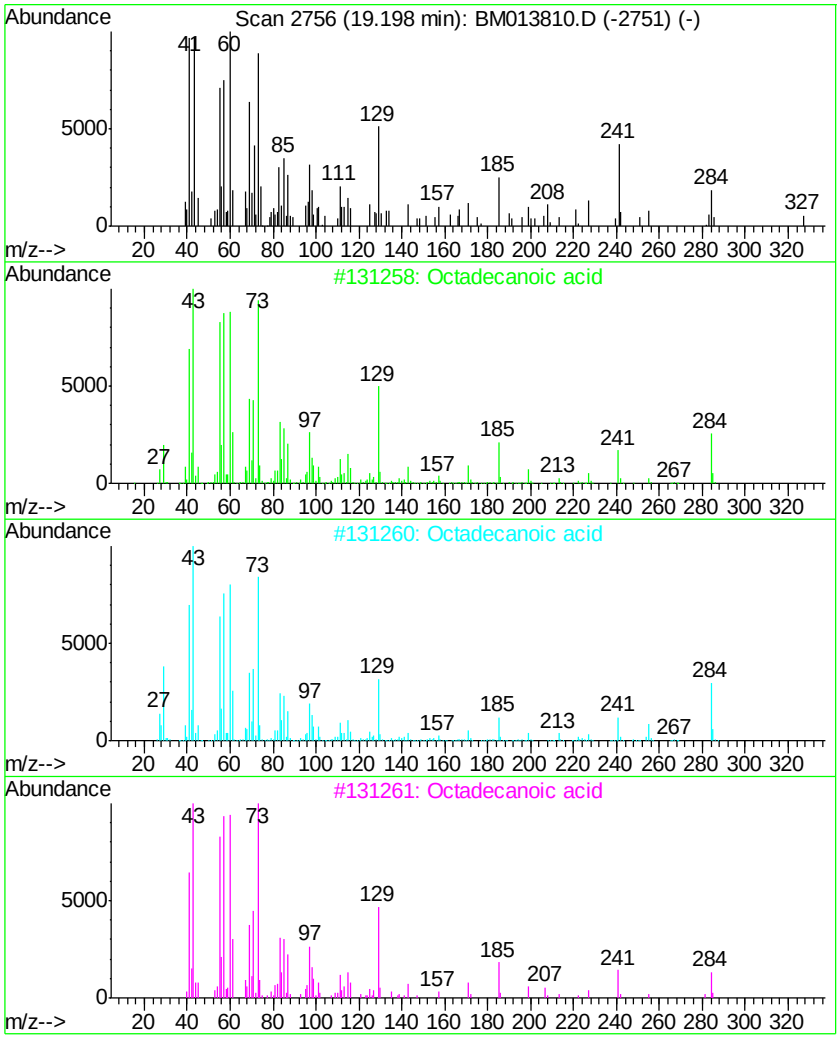
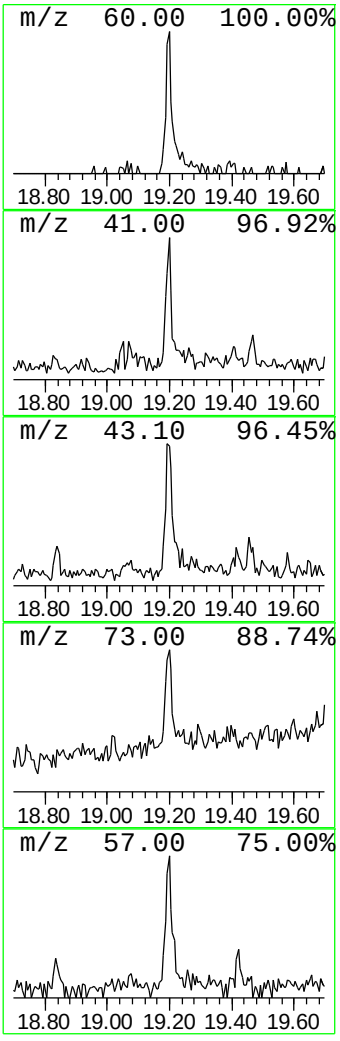
Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	2.04 ng/ul	163736	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	83
2	Octadecanoic acid	284	C18H36O2	000057-11-4	83
3	Octadecanoic acid	284	C18H36O2	000057-11-4	68
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	58
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	50





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013810.D
Acq On : 25 Jan 2018 17:49
Operator : SJ/JU
Sample : J1243-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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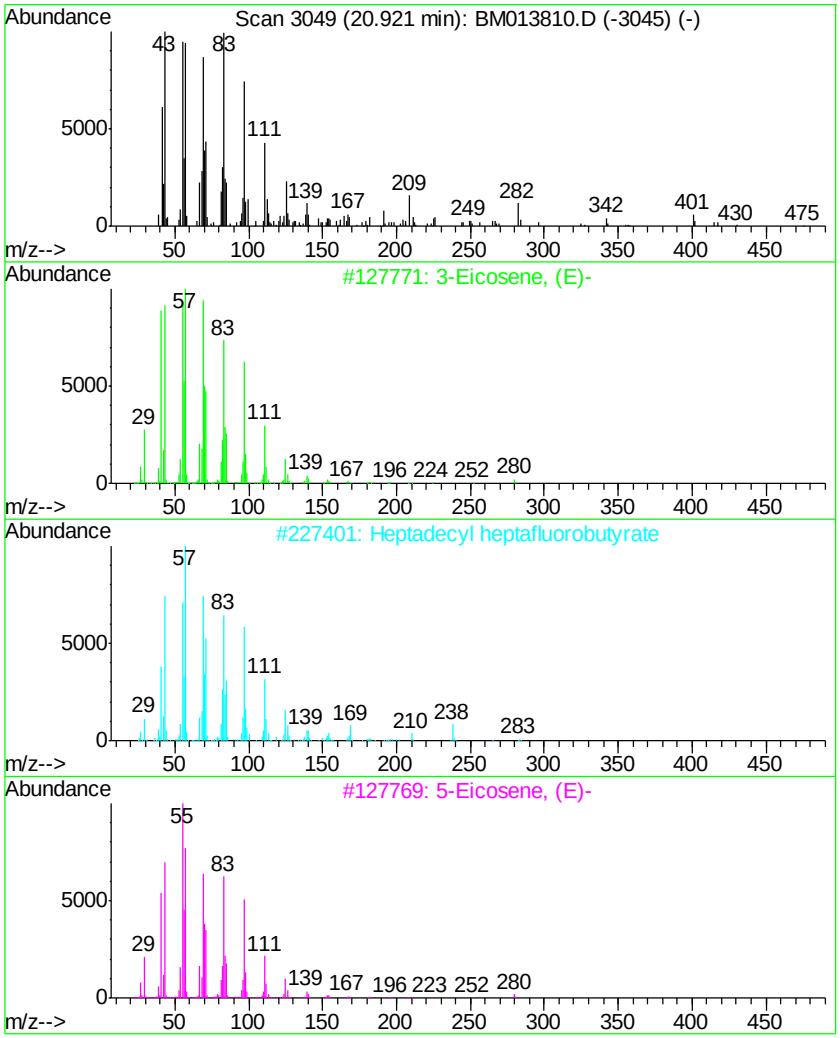
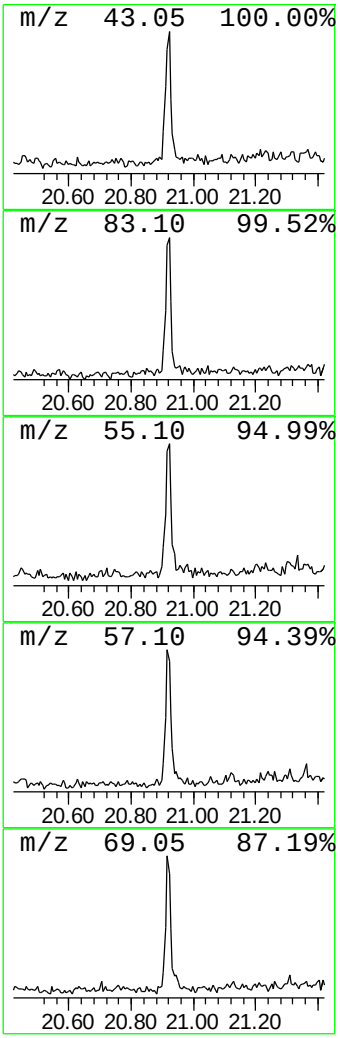
Peak Number 6 (DEL) Alkane: Cyclic20.92 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	3.69 ng/ul	297062	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	93
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	86
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	83
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012518\
Data File : BM013810.D
Acq On : 25 Jan 2018 17:49
Operator : SJ/JU
Sample : J1243-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.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
Propanedioic acid...	11.70	2.4	ng/ul	106504	2	10.37	907238	20.0
1H-Indene, 1-ethy...	12.26	2.1	ng/ul	96926	2	10.37	907238	20.0
Benzophenone	15.62	7.8	ng/ul	454037	3	14.25	1170670	20.0
Tridecanoic acid	17.91	6.9	ng/ul	446836	4	17.00	1298830	20.0
Octadecanoic acid	19.20	2.0	ng/ul	163736	5	21.20	1608880	20.0
(DEL) Alkane: Cyc...	20.92	3.7	ng/ul	297062	5	21.20	1608880	20.0