LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071318\
Data File : BM015946.D
Acq On : 13 Jul 2018 16:35
Operator : SJ/JU
Sample : J3937-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEMG6

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.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	7.422	699	703	717	rBV	69895	142892	4.86%	0.489%
2	7.581	724	730	751	rVB	273702	440998	14.99%	1.509%
3	7.793	760	766	780	rBV	301062	533760	18.15%	1.826%
4	8.263	840	846	853	rBV	248427	421974	14.35%	1.444%
5	8.981	963	968	983	rBV	134178	250032	8.50%	0.855%
6	9.451	1042	1048	1060	rBV	387412	686676	23.35%	2.349%
7	10.175	1165	1171	1185	rBB	374654	640203	21.77%	2.190%
8	10.710	1256	1262	1275	rBV	453914	860787	29.27%	2.945%
9	11.086	1320	1326	1334	rBV	371411	636549	21.64%	2.178%
10	11.763	1436	1441	1451	rBV	32575	63120	2.15%	0.216%
11	11.910	1460	1466	1481	rVB	97251	179537	6.10%	0.614%
12	14.292	1865	1871	1875	rBV	1047497	1407397	47.85%	4.815%
13	14.339	1875	1879	1890	rVB	193160	299966	10.20%	1.026%
14	14.586	1915	1921	1933	rVB	1090963	1557464	52.95%	5.328%
15	14.745	1942	1948	1957	rBV5	9978	31504	1.07%	0.108%
16	14.892	1966	1973	1981	rVB2	572873	894310	30.41%	3.059%
17	15.116	2006	2011	2022	rBV3	67688	159119	5.41%	0.544%
18	15.616	2091	2096	2104	rVB	131511	180764	6.15%	0.618%
19	15.874	2133	2140	2152	rVB	1519966	2077162	70.62%	7.106%
20	16.010	2157	2163	2171	rBV2	535016	825084	28.05%	2.823%
21	16.339	2215	2219	2223	rVB	27884	35113	1.19%	0.120%
22	16.545	2244	2254	2258	rBV3	41622	105875	3.60%	0.362%
23	16.668	2271	2275	2280	rVB	37022	49097	1.67%	0.168%
24	16.815	2296	2300	2304	rBV	45793	57996	1.97%	0.198%
25	16.857	2304	2307	2311	rVB	47722	58399	1.99%	0.200%
26	16.968	2322	2326	2333	rVB	47921	65956	2.24%	0.226%
27	17.104	2345	2349	2353	rVB4	27975	35203	1.20%	0.120%
28	17.168	2355	2360	2364	rBV	58396	75288	2.56%	0.258%
29	17.474	2408	2412	2422	rBV	93376	138830	4.72%	0.475%
30	17.615	2431	2436	2442	rBV2	823055	1154093	39.24%	3.948%
31	17.715	2447	2453	2462	rBV2	1639398	2319434	78.86%	7.935%
32	17.933	2485	2490	2493	rBV4	22020	30373	1.03%	0.104%
33	18.245	2540	2543	2549	rVB4	35077	51385	1.75%	0.176%
34	18.462	2572	2580	2590	rBV	342131	520712	17.70%	1.781%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071318\
Data File : BM015946.D
Acq On : 13 Jul 2018 16:35
Operator : SJ/JU
Sample : J3937-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEMG6

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Title : SVOA CALIBRATION

35	18.539	2590	2593	2600	rVB2	31589	52903	1.80%	0.181%
36	18.880	2644	2651	2655	rBV6	46155	103558	3.52%	0.354%
37	19.256	2712	2715	2721	rVB6	38365	64375	2.19%	0.220%
38	19.621	2774	2777	2780	rVV2	36694	44151	1.50%	0.151%
39	19.709	2789	2792	2801	rVB	195981	257905	8.77%	0.882%
40	19.833	2810	2813	2816	rBV2	28515	41837	1.42%	0.143%
41	19.974	2832	2837	2847	rVB	2088793	2826995	96.12%	9.671%
42	20.933	2997	3000	3004	rBV	88222	94726	3.22%	0.324%
43	21.209	3044	3047	3053	rBV	67799	105256	3.58%	0.360%
44	21.309	3061	3064	3068	rBV	142866	138576	4.71%	0.474%
45	21.403	3076	3080	3091	rVB	295848	480166	16.33%	1.643%
46	21.603	3110	3114	3119	rBV	379986	406778	13.83%	1.392%
47	21.733	3131	3136	3144	rVB	1214683	1552427	52.78%	5.311%
48	22.574	3274	3279	3286	rBV	1318437	1656192	56.31%	5.666%
49	23.974	3510	3517	3529	rVB	1537799	2941148	100.00%	10.062%
50	24.127	3536	3543	3552	rVB	739478	1476676	50.21%	5.052%

Sum of corrected areas: 29230721

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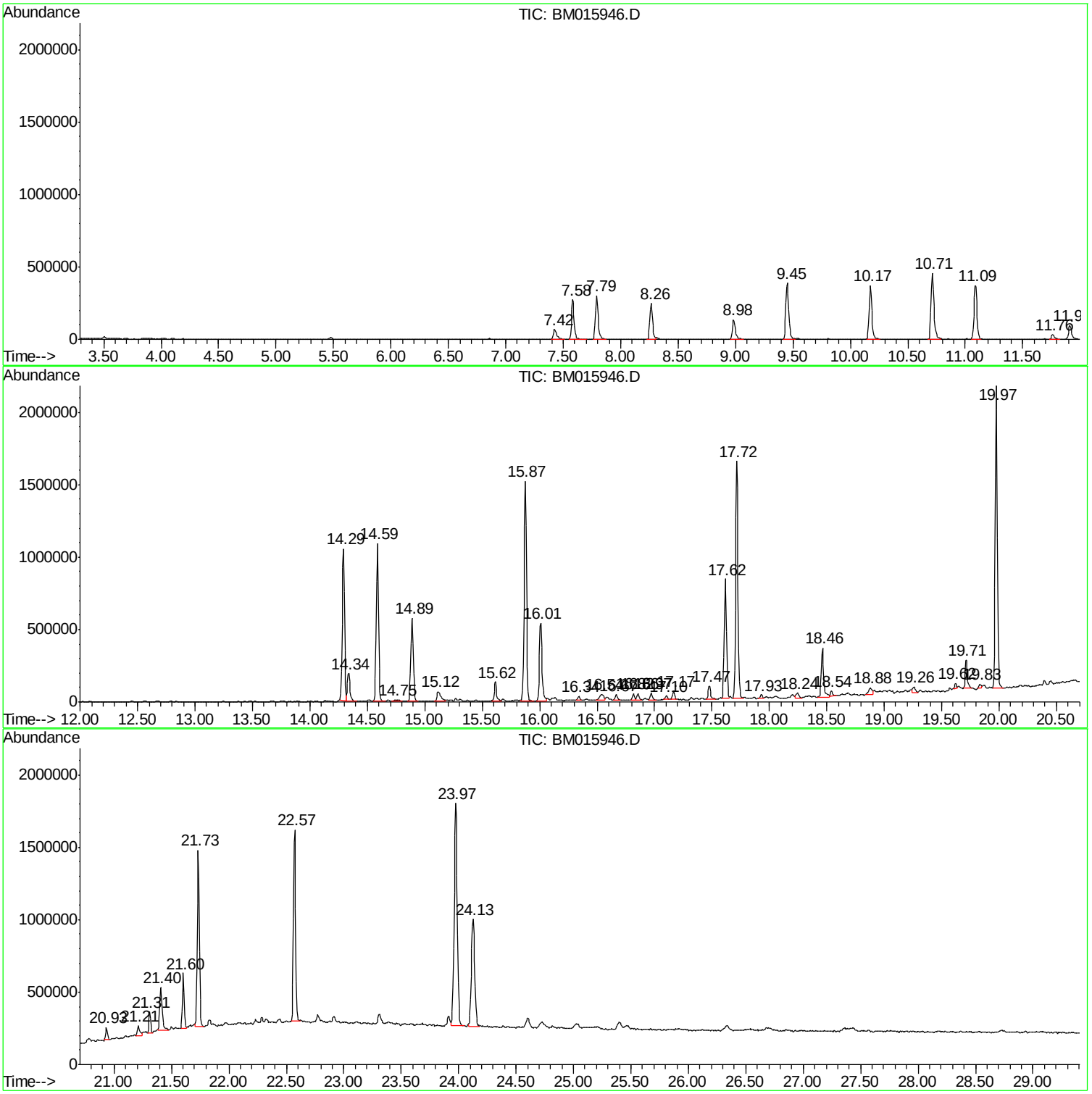
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEMG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071318\
Data File : BM015946.D
Acq On : 13 Jul 2018 16:35
Operator : SJ/JU
Sample : J3937-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEMG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

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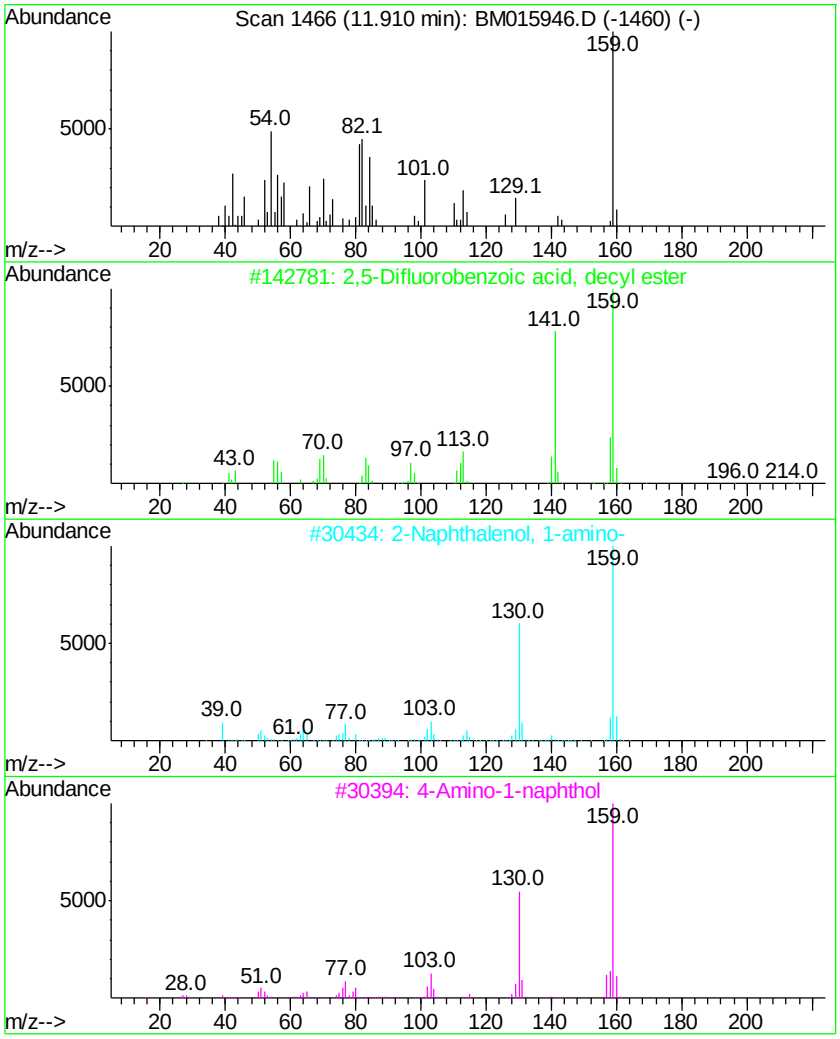
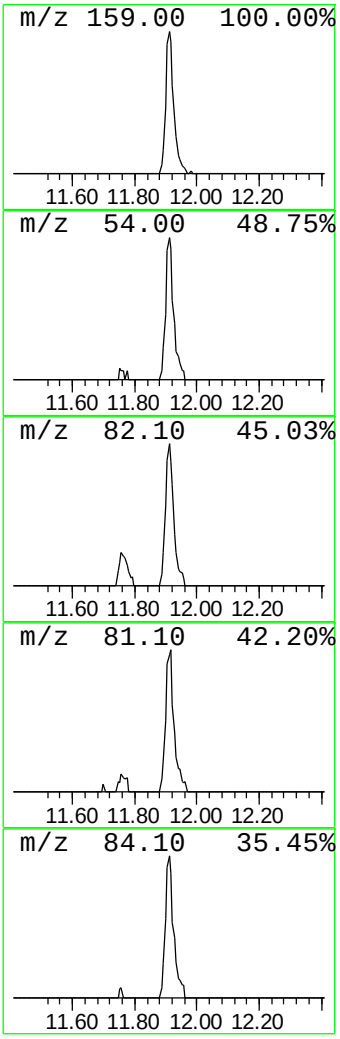
Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	5.64 ng/ul	179537	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Difluorobenzoic acid, decyl ...	298	C17H24F2O2	1000338-80-9	10
2	2-Naphthalenol, 1-amino-	159	C10H9NO	002834-92-6	10
3	4-Amino-1-naphthol	159	C10H9NO	002834-90-4	9
4	8-Quinolinol, 2-methyl-	159	C10H9NO	000826-81-3	9
5	Quinoline, 4-methyl-, 1-oxide	159	C10H9NO	004053-40-1	9





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Data File : BM015946.D
Acq On : 13 Jul 2018 16:35
Operator : SJ/JU
Sample : J3937-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEMG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

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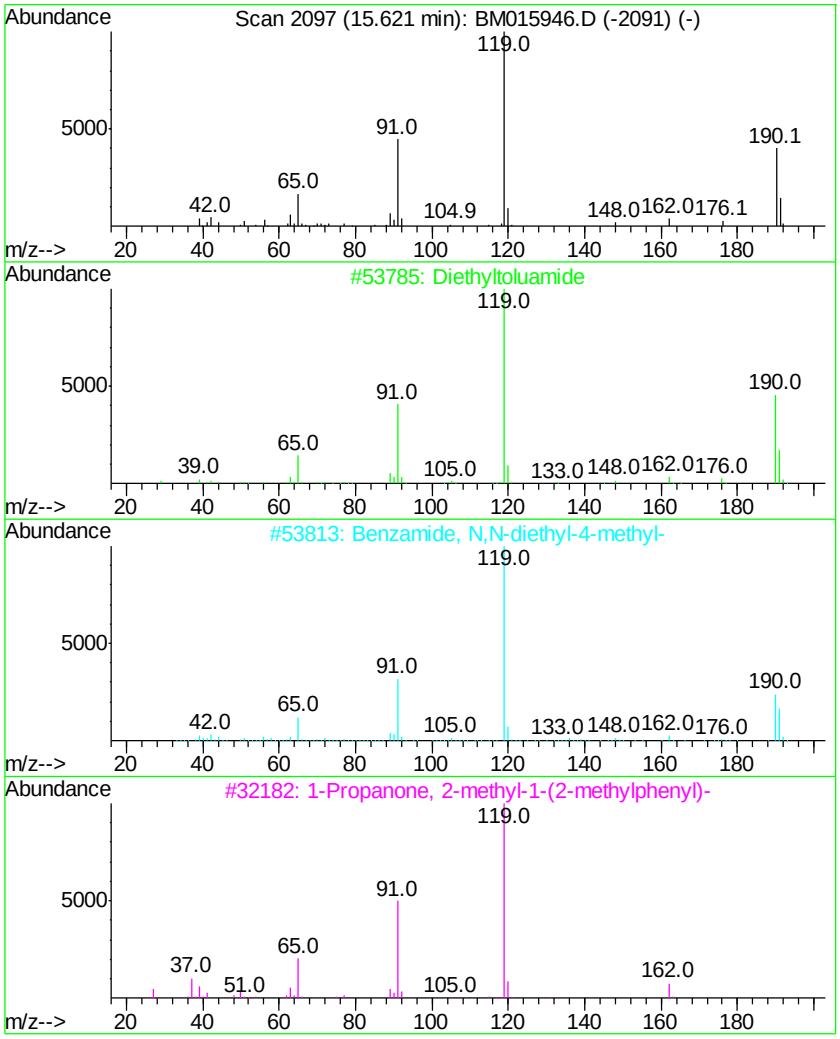
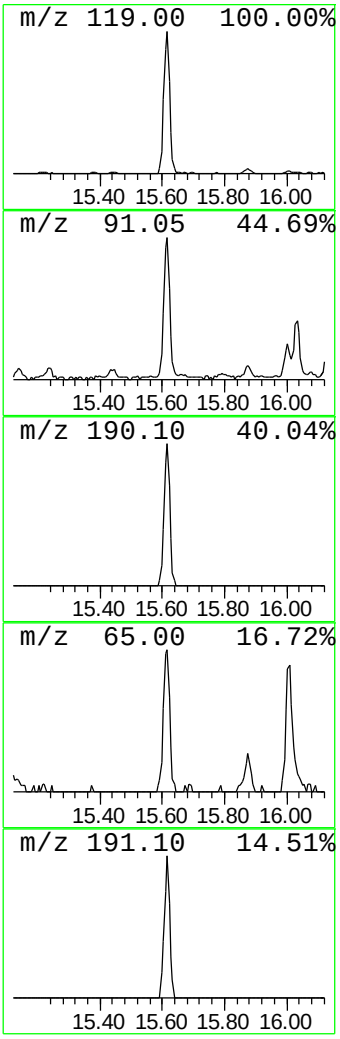
Peak Number 2 Diethyltoluamide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	4.04 ng/ul	180764	Acenaphthene-d10	14.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	95
2	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	86
3	1-Propanone, 2-methyl-1-(2-methy...	162	C11H14O	002040-21-3	68
4	Diethyltoluamide	191	C12H17NO	000134-62-3	62
5	o-Toluic acid, 3,5-difluoropheny...	248	C14H10F2O2	1000293-77-2	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071318\
Data File : BM015946.D
Acq On : 13 Jul 2018 16:35
Operator : SJ/JU
Sample : J3937-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEMG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

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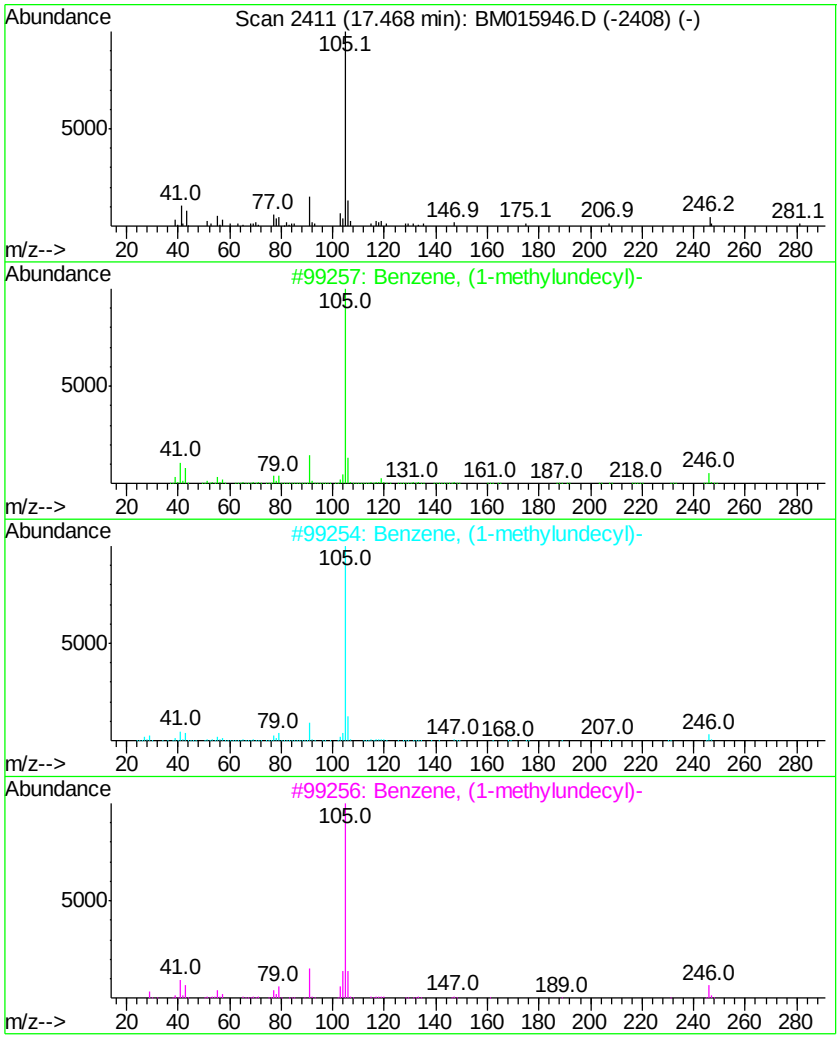
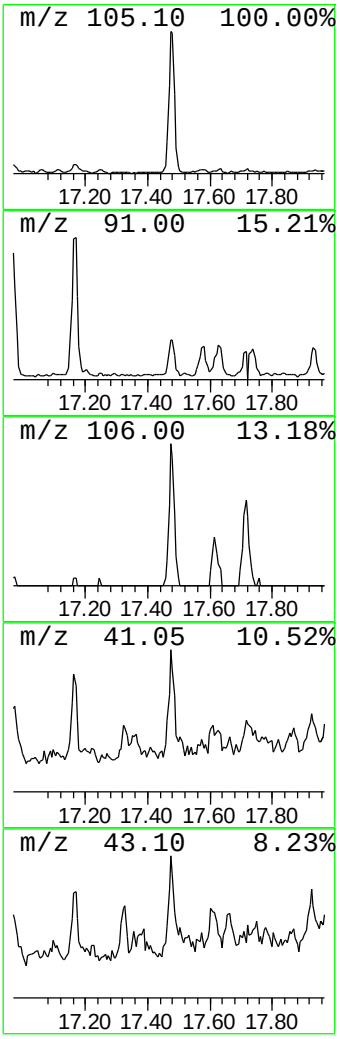
Peak Number 3 Benzene, (1-methylundecyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.47	2.41 ng/ul	138830	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	94
2	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	83
3	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	81
4	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	72
5	Benzene, (1-methylheptyl)-	190	C14H22	000777-22-0	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071318\
Data File : BM015946.D
Acq On : 13 Jul 2018 16:35
Operator : SJ/JU
Sample : J3937-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEMG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

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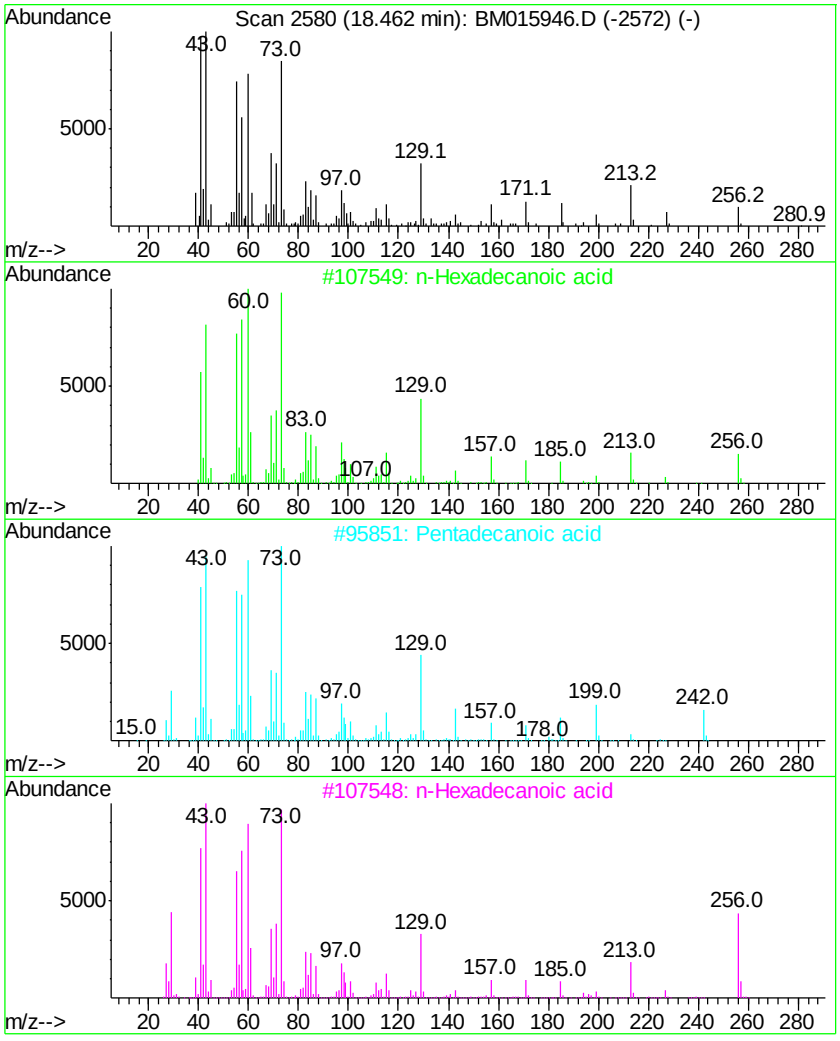
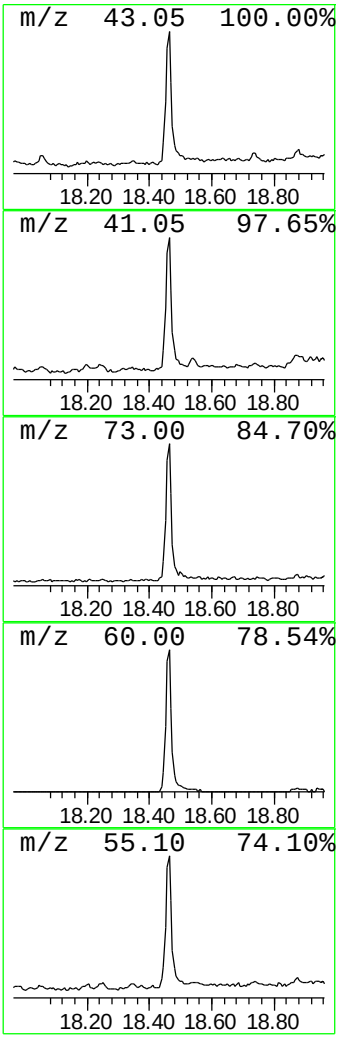
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	9.02 ng/ul	520712	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071318\
Data File : BM015946.D
Acq On : 13 Jul 2018 16:35
Operator : SJ/JU
Sample : J3937-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEMG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

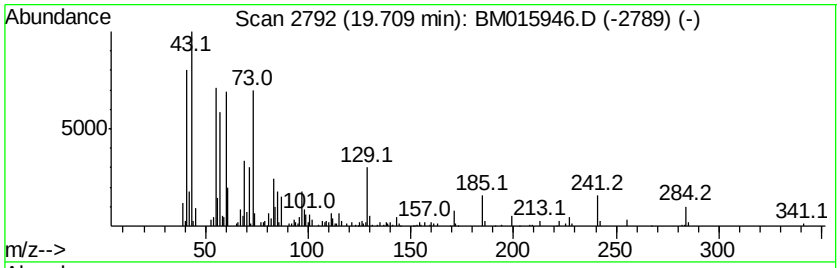
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

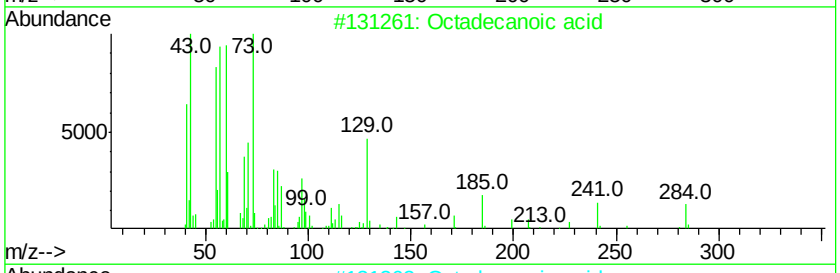
****

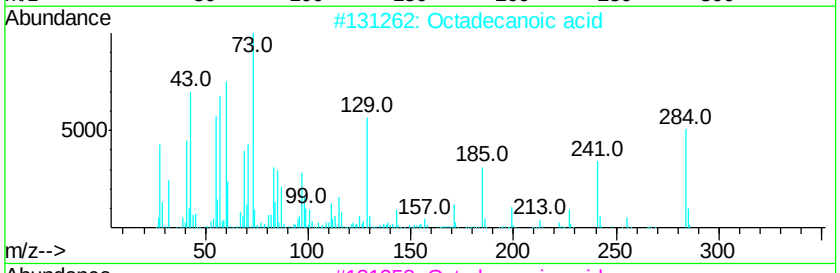
Peak Number 5 Octadecanoic acid Concentration Rank 6

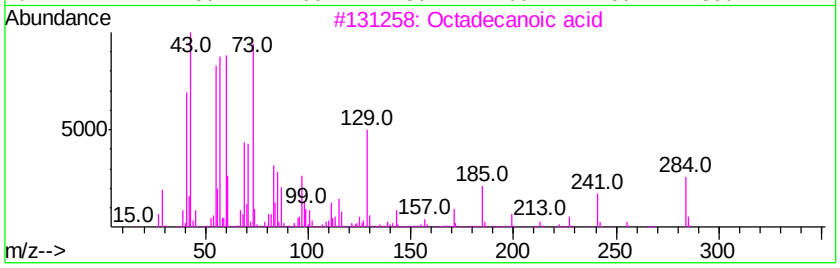
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.71	3.32 ng/ul	257905	Chrysene-d12	21.73

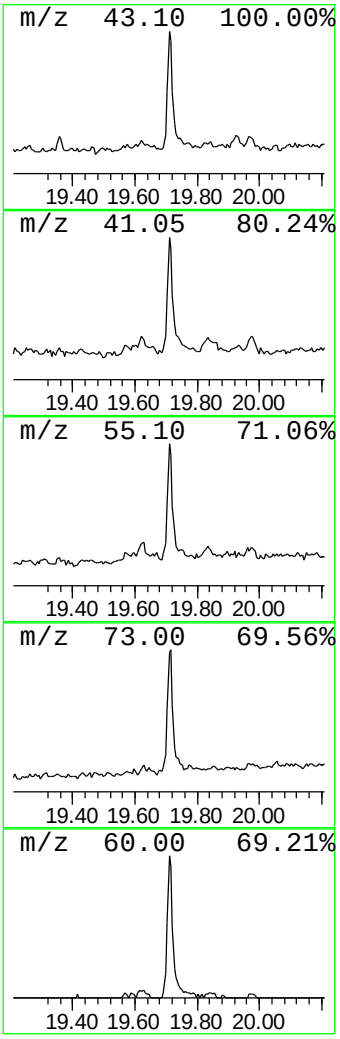
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	96
5	Octadecanoic acid	284	C18H36O2	000057-11-4	95











Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071318\
Data File : BM015946.D
Acq On : 13 Jul 2018 16:35
Operator : SJ/JU
Sample : J3937-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEMG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

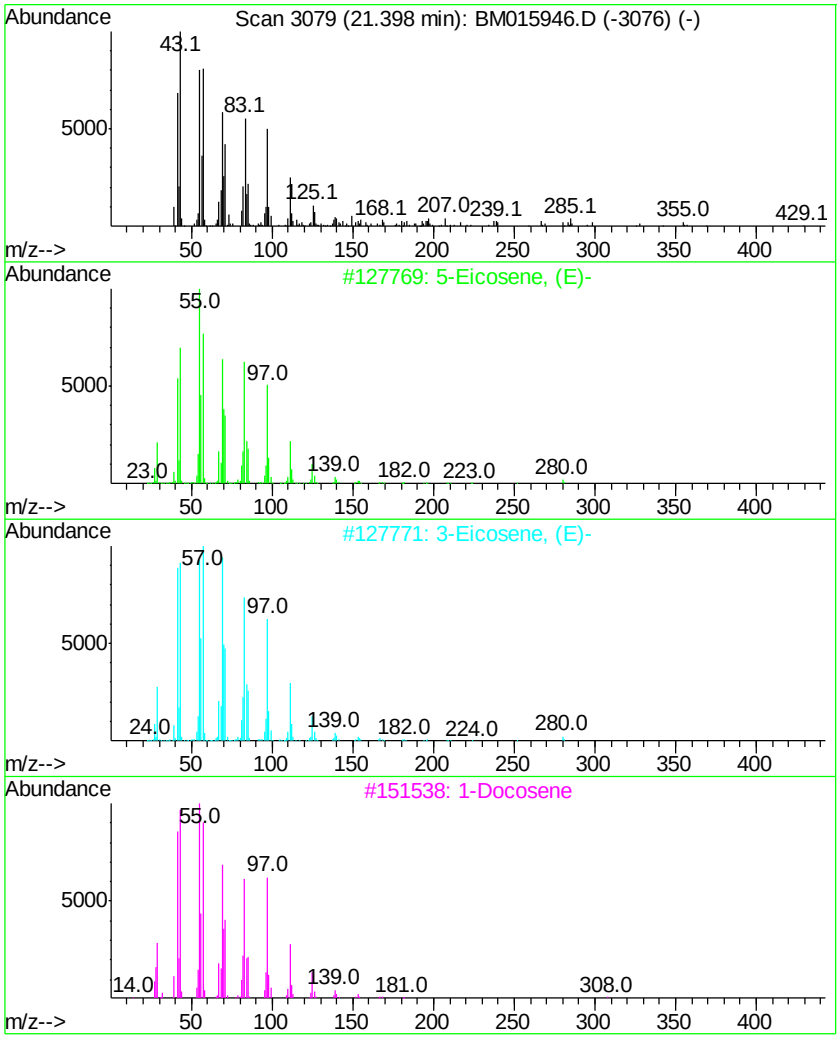
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

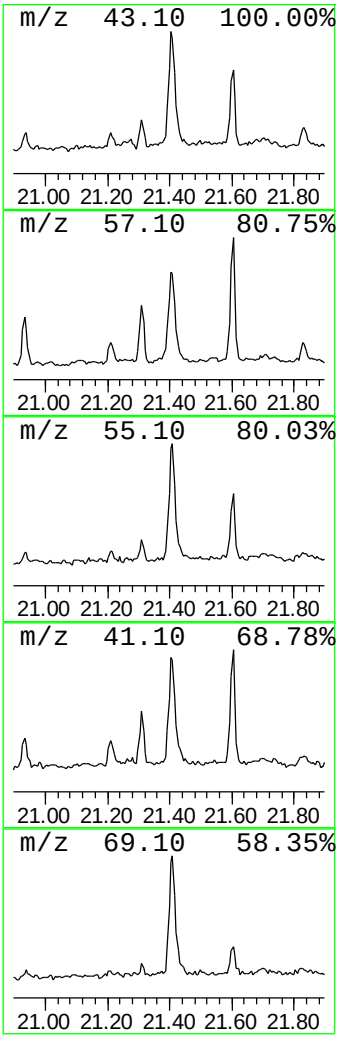
****

Peak Number 6 (DEL) Alkane: Cyclic21.40 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	6.19 ng/ul	480166	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	97
3	1-Docosene	308	C22H44	001599-67-3	95
4	1-Docosanethiol	342	C22H46S	007773-83-3	93
5	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071318\
Data File : BM015946.D
Acq On : 13 Jul 2018 16:35
Operator : SJ/JU
Sample : J3937-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEMG6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

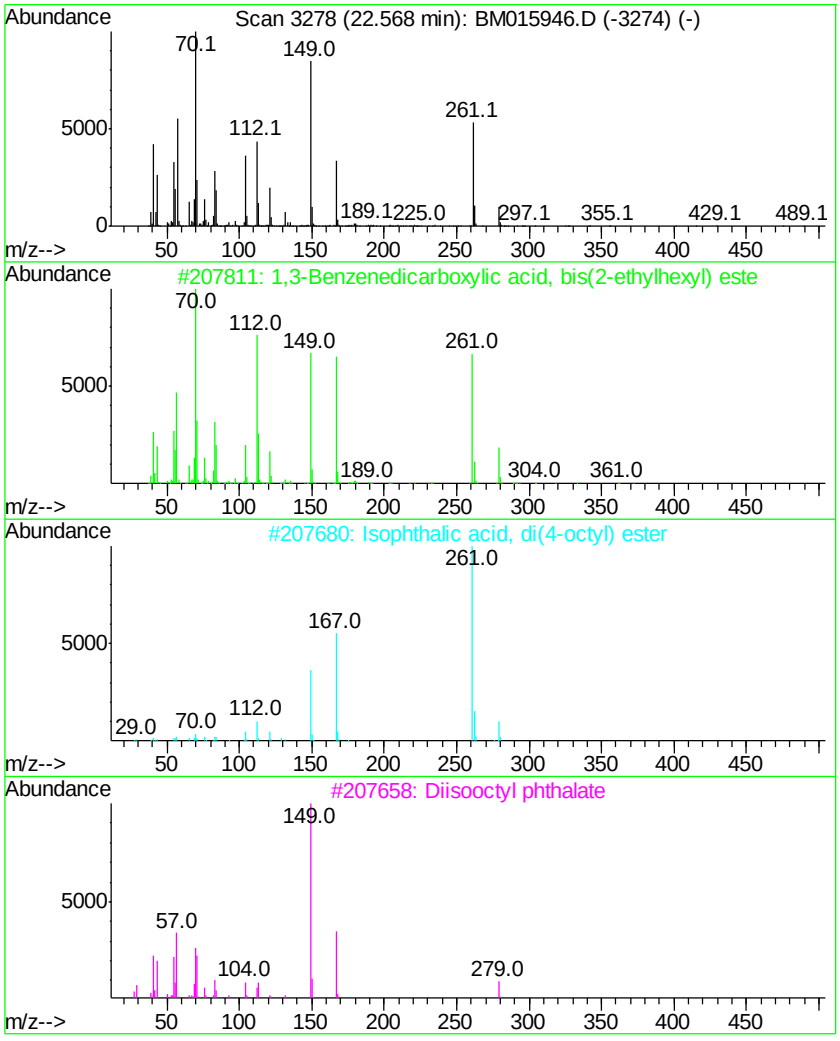
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

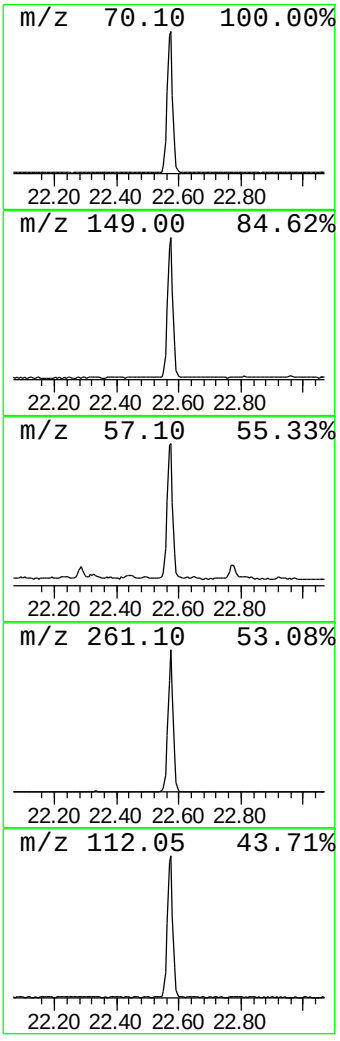
****

Peak Number 7 1,3-Benzenedicarboxylic aci... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	21.34 ng/ul	1656190	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	53
2	Isophthalic acid, di(4-octyl) ester	390	C24H38O4	1000344-04-3	38
3	Diisooctyl phthalate	390	C24H38O4	000131-20-4	38
4	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	38
5	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071318\
Data File : BM015946.D
Acq On : 13 Jul 2018 16:35
Operator : SJ/JU
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Misc :
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	11.91	5.6	ng/ul	179537	2	11.09	636549	20.0
Diethyltoluamide	15.62	4.0	ng/ul	180764	3	14.89	894310	20.0
Benzene, (1-methy...	17.47	2.4	ng/ul	138830	4	17.62	1154090	20.0
n-Hexadecanoic acid	18.46	9.0	ng/ul	520712	4	17.62	1154090	20.0
Octadecanoic acid	19.71	3.3	ng/ul	257905	5	21.73	1552430	20.0
(DEL) Alkane: Cyc...	21.40	6.2	ng/ul	480166	5	21.73	1552430	20.0
1,3-Benzenedicarb...	22.57	21.3	ng/ul	1656190	5	21.73	1552430	20.0