LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120717\
Data File : BM013251.D
Acq On : 07 Dec 2017 19:51
Operator : SJ/JU
Sample : I6719-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPJ0

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-BM113017.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	3.246	23	27	31	rVB	39788	45083	1.33%	0.098%
2	4.857	295	301	305	rBV3	32230	46118	1.36%	0.100%
3	6.875	633	644	659	rVB	779259	1365896	40.34%	2.962%
4	7.039	663	672	679	rBV	619856	941972	27.82%	2.043%
5	7.234	699	705	712	rBV	863000	1329209	39.26%	2.882%
6	7.698	778	784	792	rBV	830309	1293627	38.21%	2.805%
7	8.404	897	904	913	rBV	981103	1548590	45.74%	3.358%
8	8.851	972	980	989	rVB	789956	1279708	37.80%	2.775%
9	8.975	997	1001	1006	rVB6	24861	34658	1.02%	0.075%
10	9.569	1093	1102	1112	rVB	679075	1123011	33.17%	2.435%
11	10.104	1186	1193	1202	rBV	1008020	1653711	48.85%	3.586%
12	10.480	1249	1257	1266	rVB	1055232	1724639	50.94%	3.740%
13	10.616	1273	1280	1289	rBV	735745	1290010	38.10%	2.797%
14	13.163	1709	1713	1721	rVB4	25619	46597	1.38%	0.101%
15	13.480	1758	1767	1778	rBV	108630	211366	6.24%	0.458%
16	13.757	1807	1814	1818	rBV	1511131	2123990	62.74%	4.606%
17	13.804	1818	1822	1831	rVB	386570	554294	16.37%	1.202%
18	14.033	1850	1861	1868	rBV	1739957	2656801	78.47%	5.761%
19	14.186	1880	1887	1893	rBV3	53821	126126	3.73%	0.274%
20	14.245	1893	1897	1903	rVV2	51561	75213	2.22%	0.163%
21	14.339	1906	1913	1922	rVB2	1334372	2099797	62.02%	4.553%
22	14.551	1943	1949	1958	rBV	583083	918142	27.12%	1.991%
23	14.768	1980	1986	1990	rVB7	18703	35581	1.05%	0.077%
24	14.868	1999	2003	2008	rBV3	38723	59060	1.74%	0.128%
25	15.151	2046	2051	2056	rBV4	39688	66817	1.97%	0.145%
26	15.198	2056	2059	2064	rVB2	54700	73951	2.18%	0.160%
27	15.339	2076	2083	2090	rBV	2001022	2947854	87.07%	6.393%
28	15.462	2099	2104	2113	rBV	530442	738739	21.82%	1.602%
29	15.580	2119	2124	2127	rBV4	21969	37502	1.11%	0.081%
30	16.062	2201	2206	2217	rVB2	57190	99996	2.95%	0.217%
31	16.809	2326	2333	2337	rBV4	126998	179151	5.29%	0.388%
32	16.856	2337	2341	2345	rBV3	40604	50907	1.50%	0.110%
33	17.092	2374	2381	2389	rBV	1610826	2361867	69.76%	5.122%
34	17.186	2391	2397	2404	rVB	2237316	3077507	90.90%	6.674%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120717\
Data File : BM013251.D
Acq On : 07 Dec 2017 19:51
Operator : SJ/JU
Sample : I6719-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPJ0

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-BM113017.M
Title : SVOA CALIBRATION

35	17.592	2463	2466	2471	rBV3	25437	35861	1.06%	0.078%
36	17.992	2528	2534	2543	rBV2	319049	473488	13.99%	1.027%
37	18.327	2587	2591	2595	rVB4	62684	78604	2.32%	0.170%
38	19.121	2722	2726	2729	rBV4	45081	72758	2.15%	0.158%
39	19.274	2748	2752	2762	rBV2	245407	355353	10.50%	0.771%
40	19.486	2782	2788	2793	rBV	2429368	3385592	100.00%	7.342%
41	19.539	2793	2797	2802	rVB2	72491	110484	3.26%	0.240%
42	19.709	2820	2826	2829	rBV8	19767	44025	1.30%	0.095%
43	20.997	3041	3045	3049	rBV2	210272	293945	8.68%	0.637%
44	21.280	3087	3093	3099	rBV	1874285	2494282	73.67%	5.409%
45	22.838	3355	3358	3363	rVB2	232043	319049	9.42%	0.692%
46	23.368	3442	3448	3461	rVB2	1792596	3347336	98.87%	7.259%
47	23.509	3466	3472	3481	rVB	1260651	2345643	69.28%	5.087%
48	24.044	3559	3563	3572	rVB3	265176	540249	15.96%	1.172%

Sum of corrected areas: 46114159

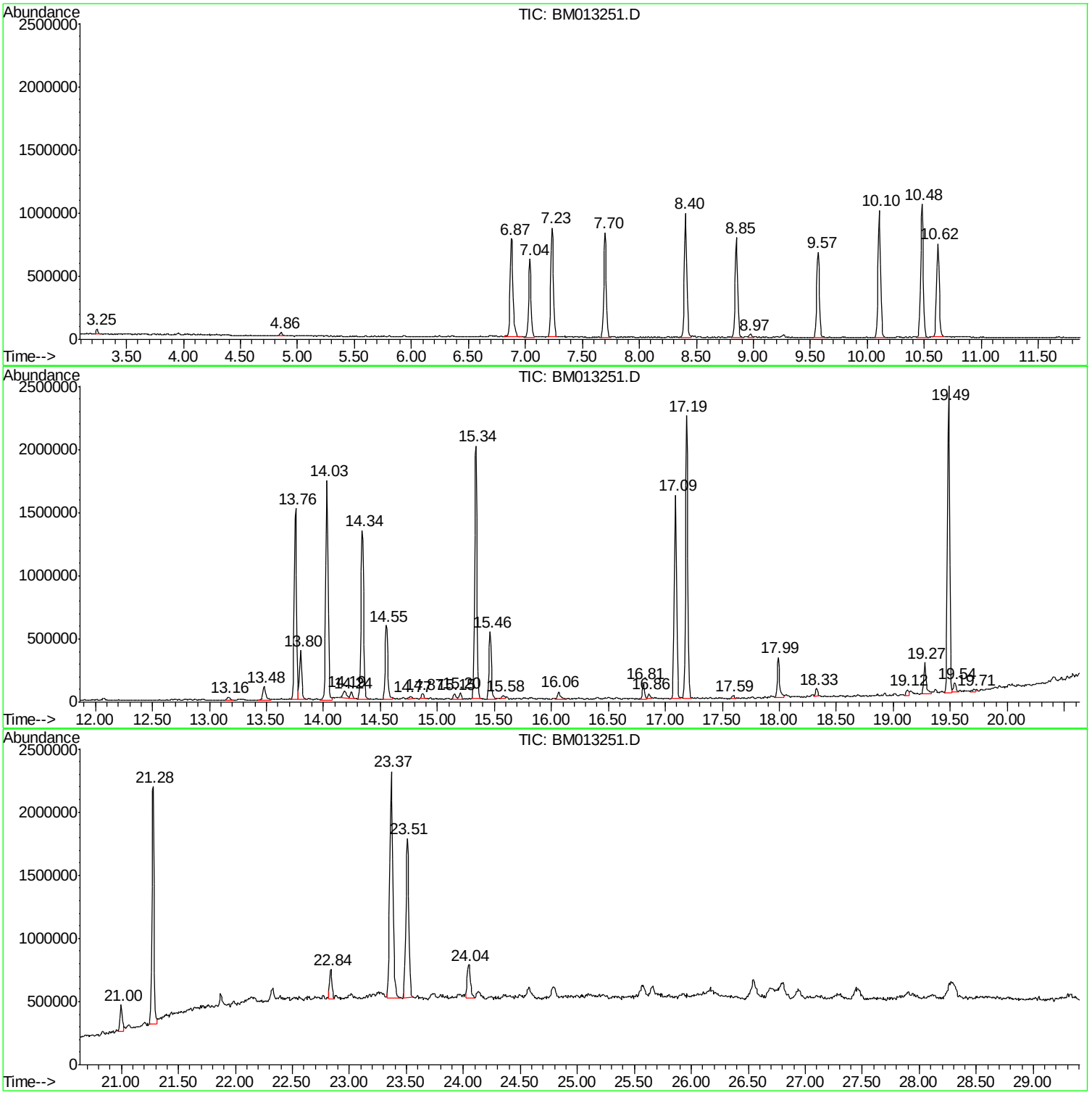
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120717\
Data File : BM013251.D
Acq On : 07 Dec 2017 19:51
Operator : SJ/JU
Sample : I6719-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHPJ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120717\
Data File : BM013251.D
Acq On : 07 Dec 2017 19:51
Operator : SJ/JU
Sample : I6719-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPJ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

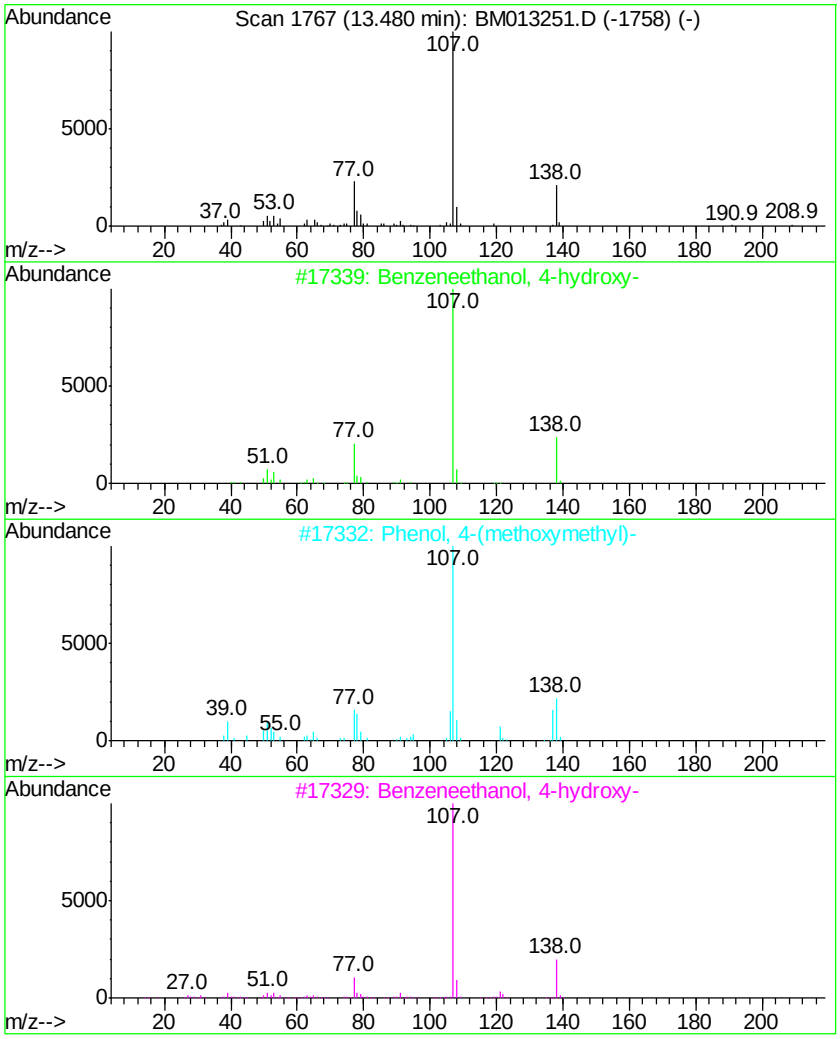
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

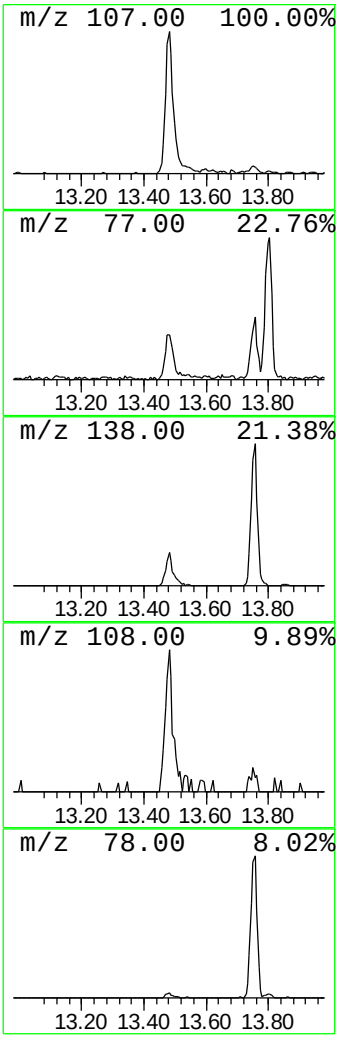
****

Peak Number 1 Benzeneethanol, 4-hydroxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	2.01 ng/ul	211366	Acenaphthene-d10	14.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanol, 4-hydroxy-	138	C8H10O2	000501-94-0	90
2	Phenol, 4-(methoxymethyl)-	138	C8H10O2	005355-17-9	72
3	Benzeneethanol, 4-hydroxy-	138	C8H10O2	000501-94-0	72
4	Benzeneacetic acid, 4-hydroxy-	152	C8H8O3	000156-38-7	59
5	4-(2-Methoxyethyl)phenol	152	C9H12O2	056718-71-9	59





Library Search Compound Report

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Operator : SJ/JU
Sample : I6719-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPJ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

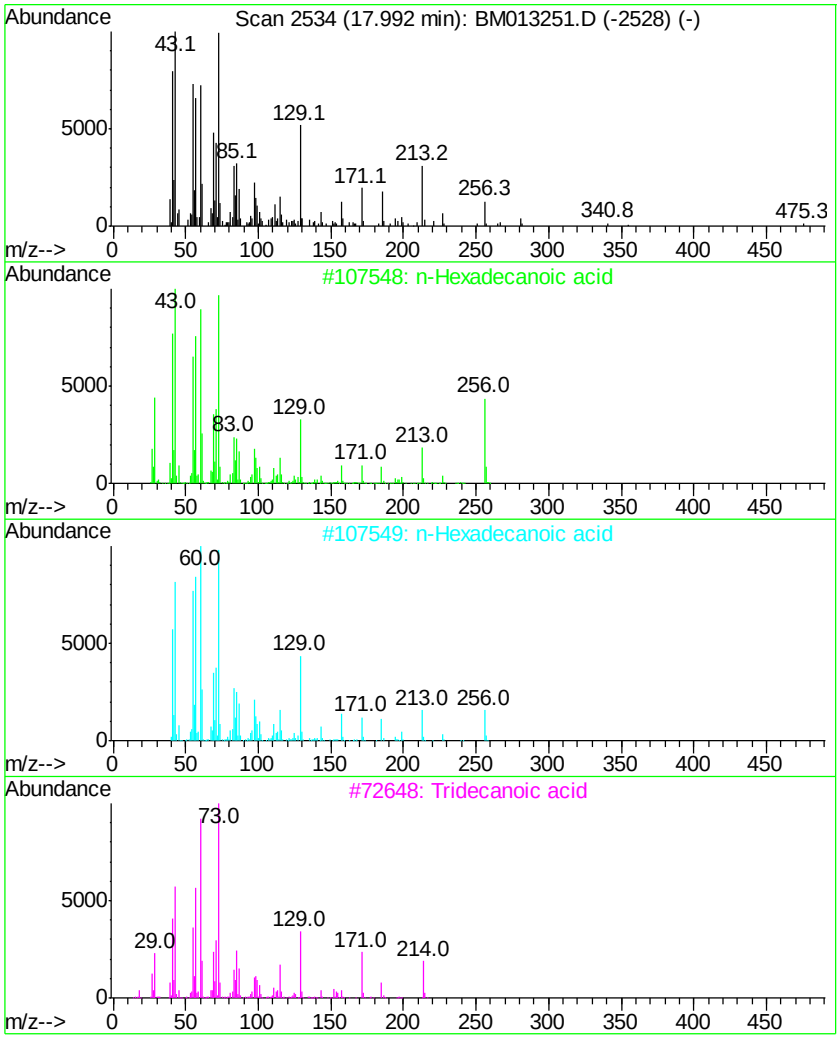
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

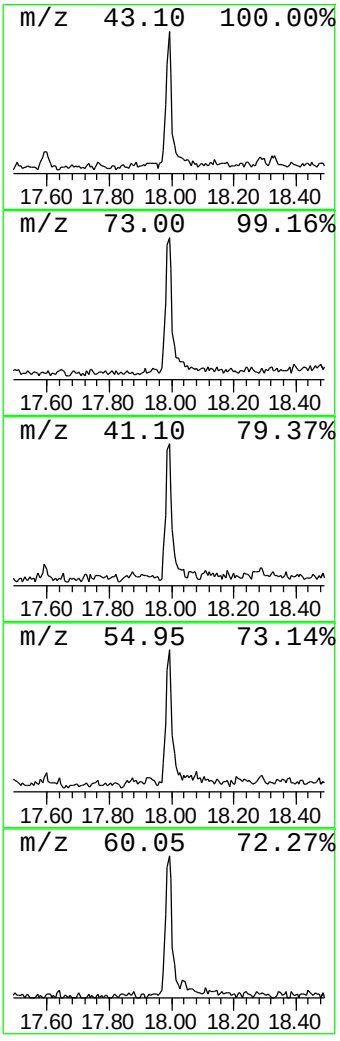
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	4.01 ng/ul	473488	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Octadecanoic acid	284	C18H36O2	000057-11-4	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	70





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120717\
Data File : BM013251.D
Acq On : 07 Dec 2017 19:51
Operator : SJ/JU
Sample : I6719-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPJ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

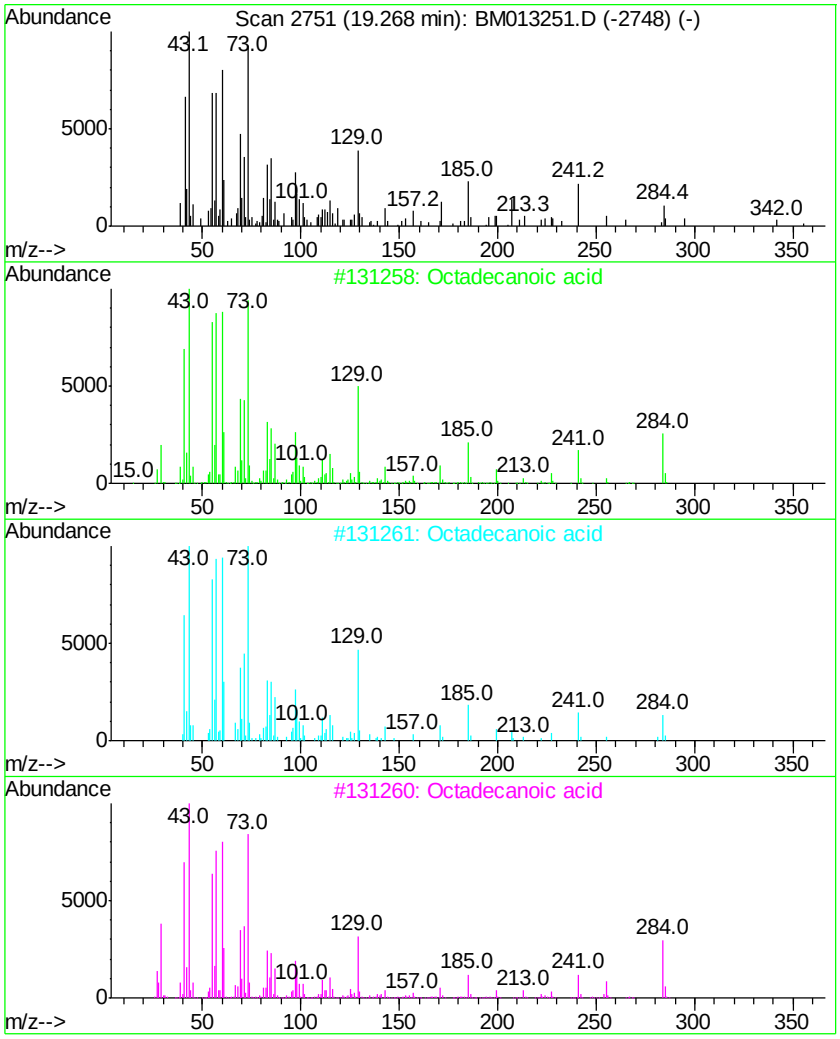
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

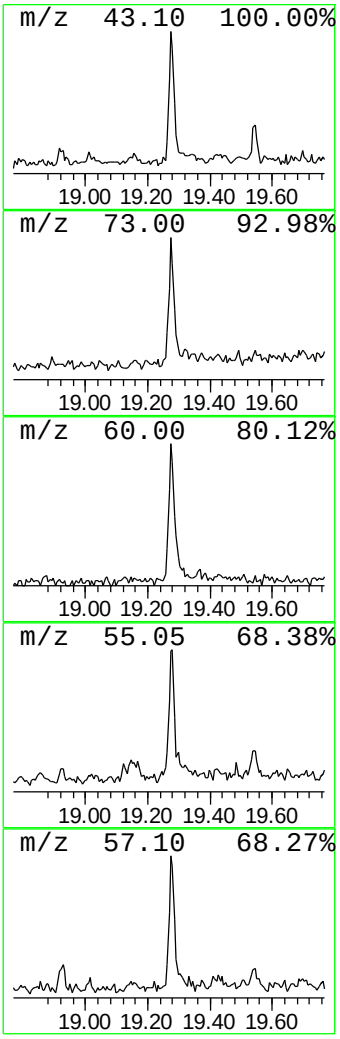
****

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	2.85 ng/ul	355353	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Octadecanoic acid	284	C18H36O2	000057-11-4	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120717\
Data File : BM013251.D
Acq On : 07 Dec 2017 19:51
Operator : SJ/JU
Sample : I6719-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPJ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

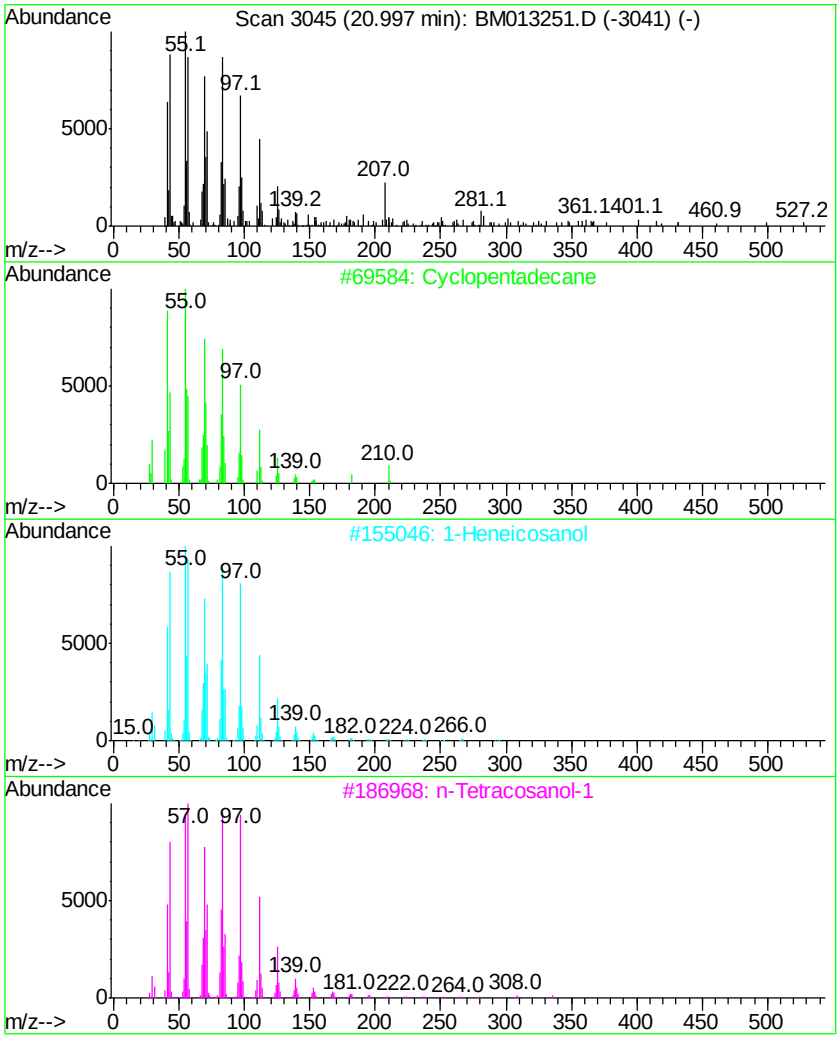
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

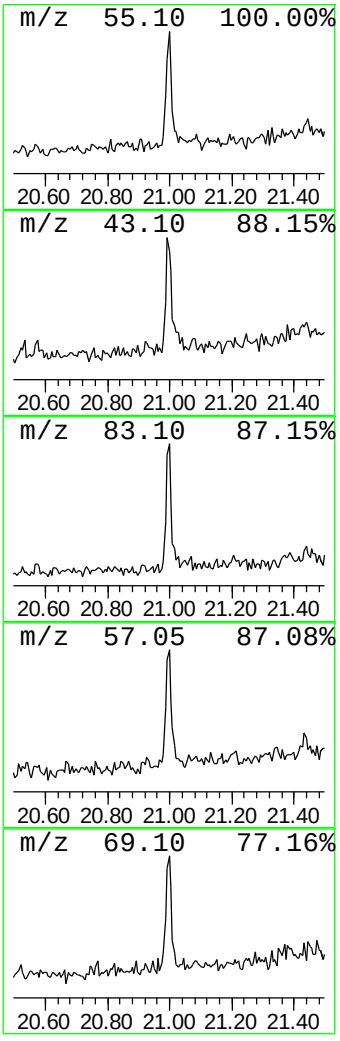
****

Peak Number 4 (DEL) Alkane: Cyclic21.00 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	2.36 ng/ul	293945	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	90
5	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	87





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120717\
Data File : BM013251.D
Acq On : 07 Dec 2017 19:51
Operator : SJ/JU
Sample : I6719-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPJ0

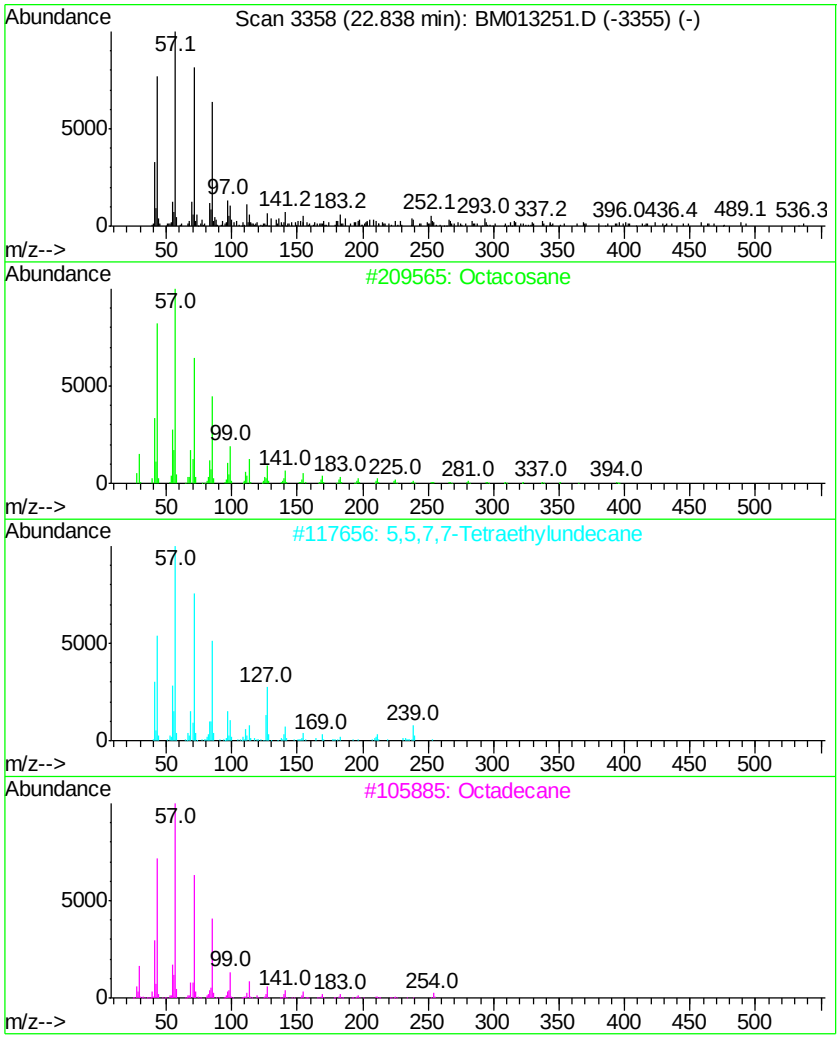
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

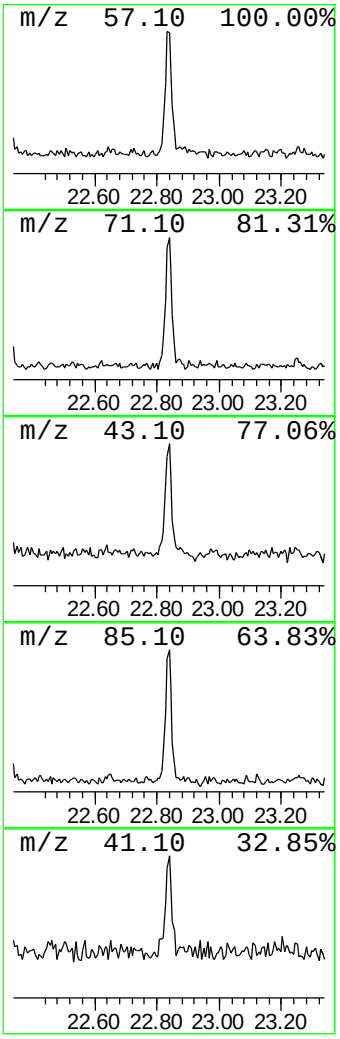
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	2.72 ng/ul	319049	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	5,5,7,7-Tetraethylundecane	268	C19H40	1000360-42-0	80
3	Octadecane	254	C18H38	000593-45-3	62
4	Pentadecane	212	C15H32	000629-62-9	58
5	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	58





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120717\
Data File : BM013251.D
Acq On : 07 Dec 2017 19:51
Operator : SJ/JU
Sample : I6719-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPJ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

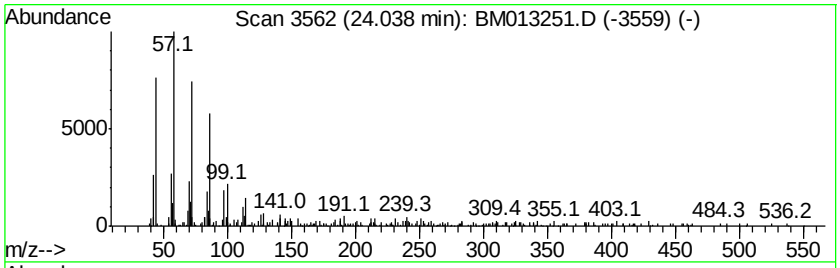
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

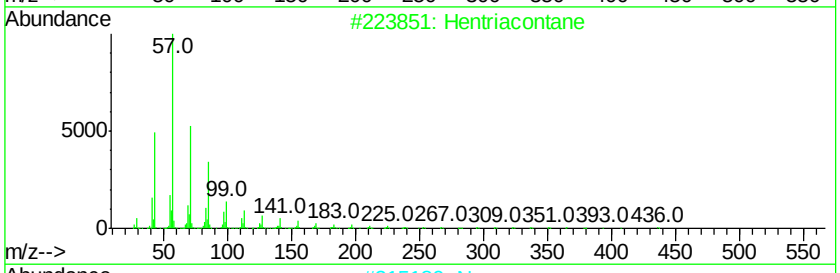
****

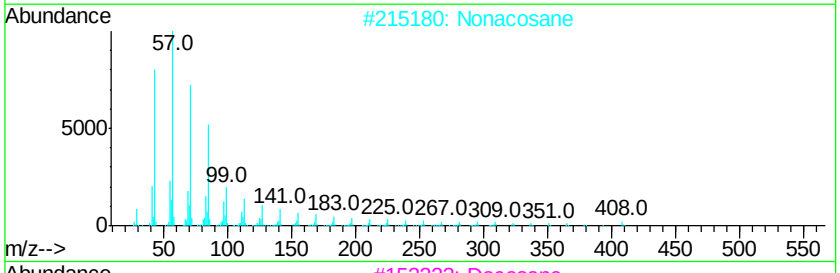
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

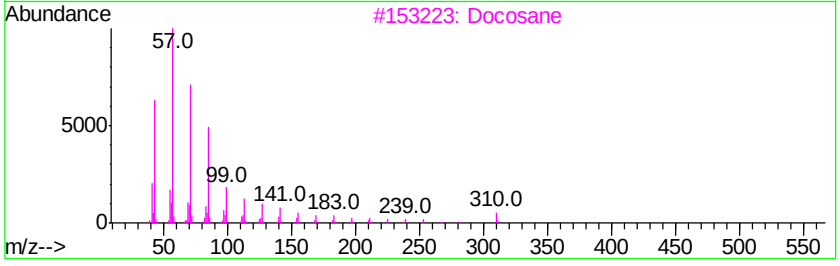
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	4.61 ng/ul	540249	Perylene-d12	23.51

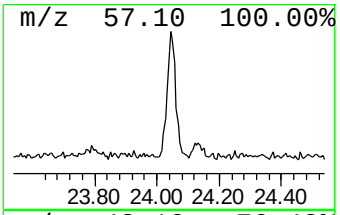
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	91
2	Nonacosane	408	C29H60	000630-03-5	91
3	Docosane	310	C22H46	000629-97-0	91
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	89
5	Eicosane	282	C20H42	000112-95-8	86

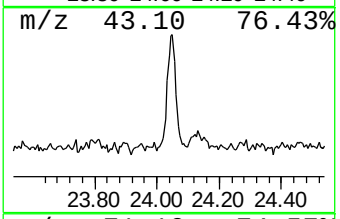


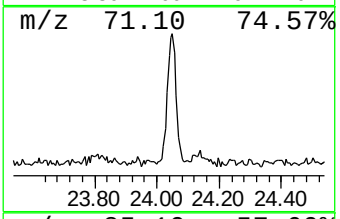


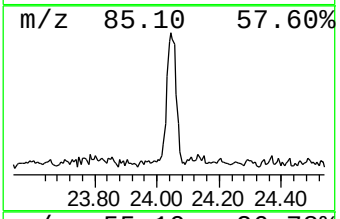


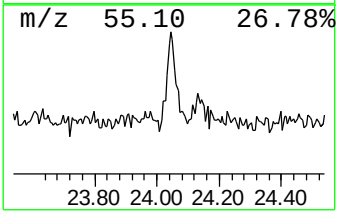












Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM120717\
Data File : BM013251.D
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Misc :
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.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
Benzeneethanol, 4...	13.48	2.0	ng/ul	211366	3	14.34	2099800	20.0
n-Hexadecanoic acid	17.99	4.0	ng/ul	473488	4	17.09	2361870	20.0
Octadecanoic acid	19.27	2.9	ng/ul	355353	5	21.28	2494280	20.0
(DEL) Alkane: Cyc...	21.00	2.4	ng/ul	293945	5	21.28	2494280	20.0
(DEL) Alkane: Str...	22.84	2.7	ng/ul	319049	6	23.51	2345640	20.0
(DEL) Alkane: Str...	24.04	4.6	ng/ul	540249	6	23.51	2345640	20.0