LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110918\
Data File : BM017583.D
Acq On : 09 Nov 2018 01:11
Operator : MJ/SJ
Sample : J5834-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESNR7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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-BM102418MA.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	3.204	34	37	44	rBV	54710	78936	0.65%	0.076%
2	3.469	78	82	96	rBV	82165	150618	1.23%	0.145%
3	3.904	151	156	163	rVB	16917	28066	0.23%	0.027%
4	6.804	642	649	665	rBV2	1168041	2300870	18.86%	2.221%
5	6.969	670	677	687	rVV	969894	1456285	11.93%	1.406%
6	7.157	702	709	720	rBV	1217551	1954282	16.02%	1.887%
7	7.622	781	788	796	rBV	917596	1486212	12.18%	1.435%
8	7.692	796	800	806	rVB4	9373	17038	0.14%	0.016%
9	8.328	900	908	919	rBV	1497316	2483376	20.35%	2.397%
10	8.775	977	984	994	rBV	1230220	2031359	16.65%	1.961%
11	8.863	994	999	1003	rVB5	19435	30986	0.25%	0.030%
12	9.169	1046	1051	1056	rBV2	14121	21505	0.18%	0.021%
13	9.486	1098	1105	1117	rBV	1064205	1762062	14.44%	1.701%
14	10.022	1188	1196	1219	rBV	1438415	2666617	21.85%	2.574%
15	10.392	1250	1259	1267	rBV	1358157	2237402	18.34%	2.160%
16	10.539	1276	1284	1304	rBV	1381839	2769973	22.70%	2.674%
17	12.004	1527	1533	1544	rBV2	20976	52605	0.43%	0.051%
18	13.686	1812	1819	1823	rBV	3110554	4596161	37.67%	4.437%
19	13.727	1823	1826	1844	rVB	1063418	1586789	13.00%	1.532%
20	13.957	1854	1865	1876	rBV	3502462	5255596	43.07%	5.074%
21	14.263	1911	1917	1928	rBV2	2041575	3123325	25.60%	3.015%
22	14.486	1944	1955	1979	rBV	1163384	2317738	18.99%	2.238%
23	15.104	2057	2060	2062	rBV2	12348	13523	0.11%	0.013%
24	15.127	2062	2064	2069	rVB3	10236	12976	0.11%	0.013%
25	15.262	2080	2087	2099	rBV	4825439	6812565	55.83%	6.577%
26	15.398	2104	2110	2123	rVV	1536231	2377274	19.48%	2.295%
27	15.504	2124	2128	2139	rVB2	58803	107190	0.88%	0.103%
28	16.009	2208	2214	2219	rBV6	9038	24903	0.20%	0.024%
29	16.798	2343	2348	2354	rBV4	13507	32052	0.26%	0.031%
30	17.015	2379	2385	2395	rBV2	2804944	3945034	32.33%	3.808%
31	17.115	2396	2402	2416	rVV	5188274	7694315	63.06%	7.428%
32	17.533	2466	2473	2477	rBV6	7829	16366	0.13%	0.016%
33	17.798	2514	2518	2527	rBV8	13578	27481	0.23%	0.027%
34	17.927	2534	2540	2554	rBV	1025250	1542020	12.64%	1.489%

LSC Area Percent Report

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Acq On : 09 Nov 2018 01:11
Operator : MJ/SJ
Sample : J5834-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESNR7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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-BM102418MA.M
Title : SVOA CALIBRATION

35	18.221	2586	2590	2594	rVB6	11405	19652	0.16%	0.019%
36	18.603	2651	2655	2659	rBV6	16295	24107	0.20%	0.023%
37	19.056	2727	2732	2736	rBV	93171	157255	1.29%	0.152%
38	19.092	2736	2738	2746	rVB7	38215	66839	0.55%	0.065%
39	19.215	2754	2759	2769	rBV2	393664	611904	5.01%	0.591%
40	19.309	2771	2775	2780	rVB	58031	88422	0.72%	0.085%
41	19.421	2787	2794	2802	rBV	7011304	9424473	77.23%	9.098%
42	19.950	2881	2884	2886	rBV3	29847	38042	0.31%	0.037%
43	20.474	2970	2973	2977	rVB	56495	70170	0.58%	0.068%
44	20.939	3047	3052	3064	rBV	1529176	2093082	17.15%	2.021%
45	21.215	3094	3099	3111	rBV	4225494	5593806	45.84%	5.400%
46	21.380	3123	3127	3133	rBV	207955	261225	2.14%	0.252%
47	21.803	3196	3199	3208	rBV	351676	543638	4.46%	0.525%
48	22.256	3272	3276	3283	rVB	554300	720294	5.90%	0.695%
49	22.750	3356	3360	3365	rVB	722112	972560	7.97%	0.939%
50	23.274	3442	3449	3462	rBV	6128317	12202454	100.00%	11.780%
51	23.415	3466	3473	3486	rVB	2908327	5558327	45.55%	5.366%
52	23.927	3555	3560	3568	rVB	717111	1290100	10.57%	1.245%
53	24.015	3570	3575	3587	rVB2	430518	946999	7.76%	0.914%
54	24.650	3677	3683	3690	rVB	522745	1066451	8.74%	1.030%
55	25.491	3821	3826	3834	rVB2	346567	822208	6.74%	0.794%

Sum of corrected areas: 103585508

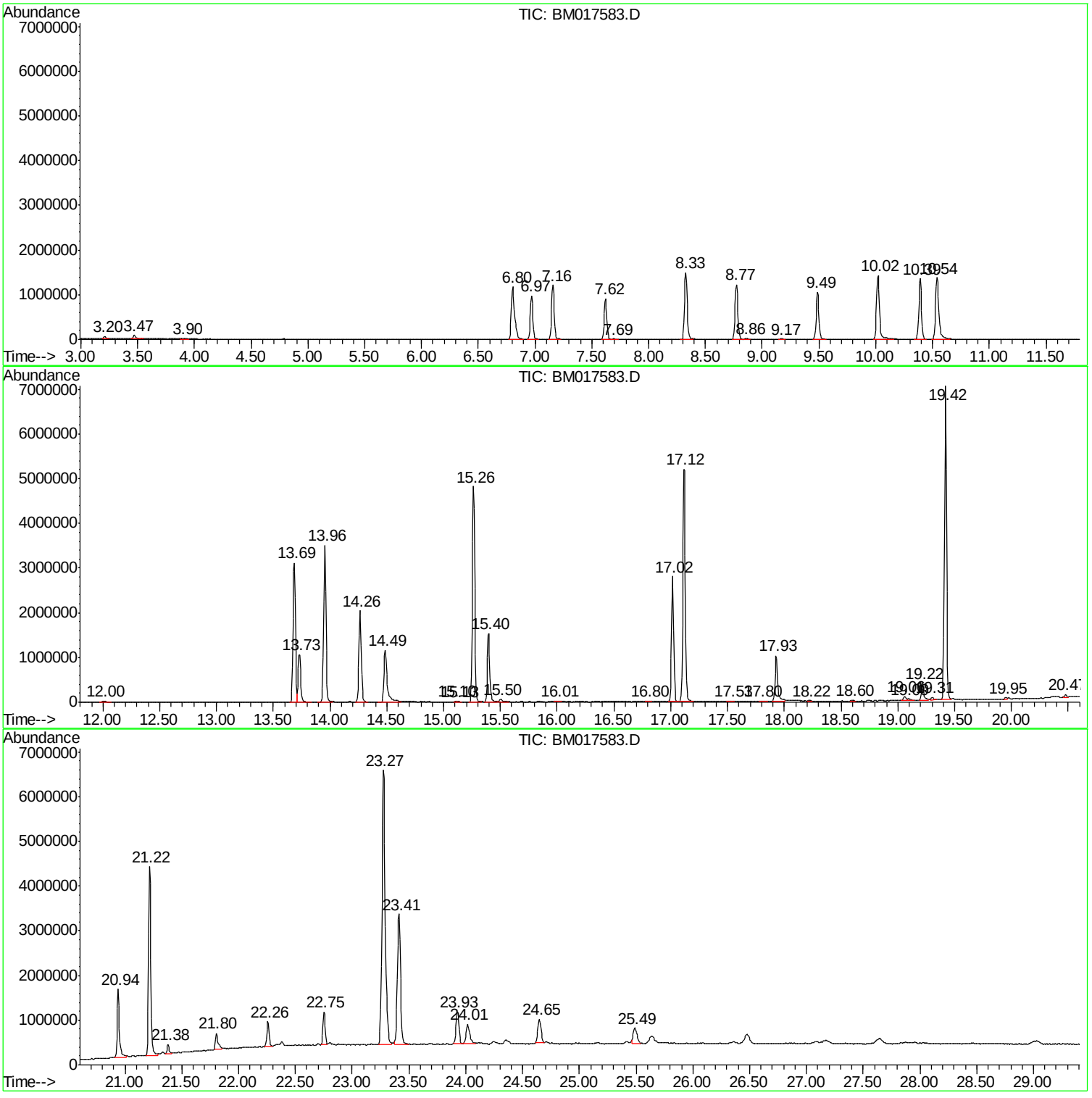
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110918\
Data File : BM017583.D
Acq On : 09 Nov 2018 01:11
Operator : MJ/SJ
Sample : J5834-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ESNR7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110918\
Data File : BM017583.D
Acq On : 09 Nov 2018 01:11
Operator : MJ/SJ
Sample : J5834-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESNR7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

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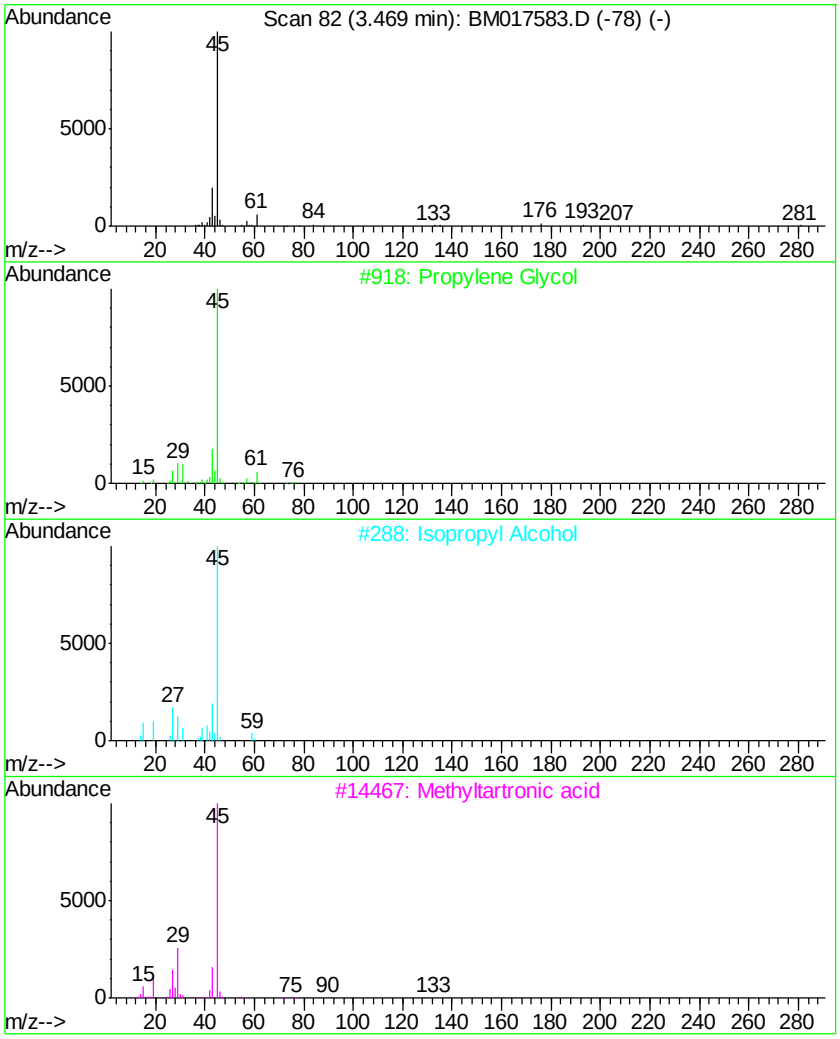
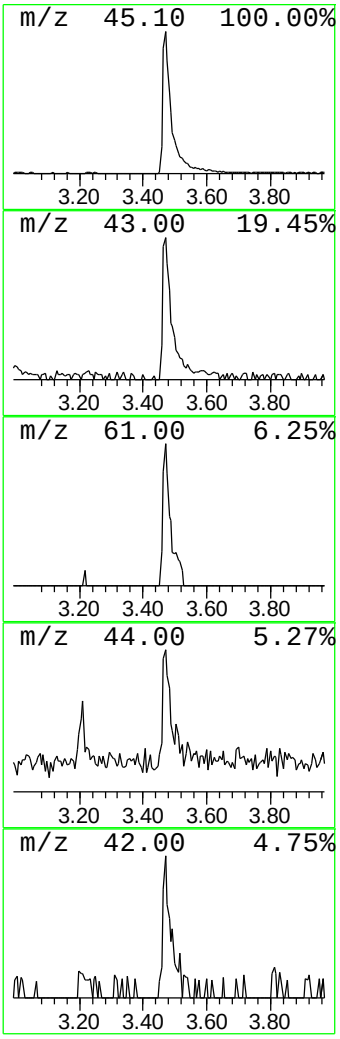
Peak Number 1 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.47	2.03 ng/ul	150618	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	40
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
3	Methyltartronic acid	134	C4H6O5	000595-98-2	9
4	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9
5	Propylene Glycol	76	C3H8O2	000057-55-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110918\
Data File : BM017583.D
Acq On : 09 Nov 2018 01:11
Operator : MJ/SJ
Sample : J5834-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESNR7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

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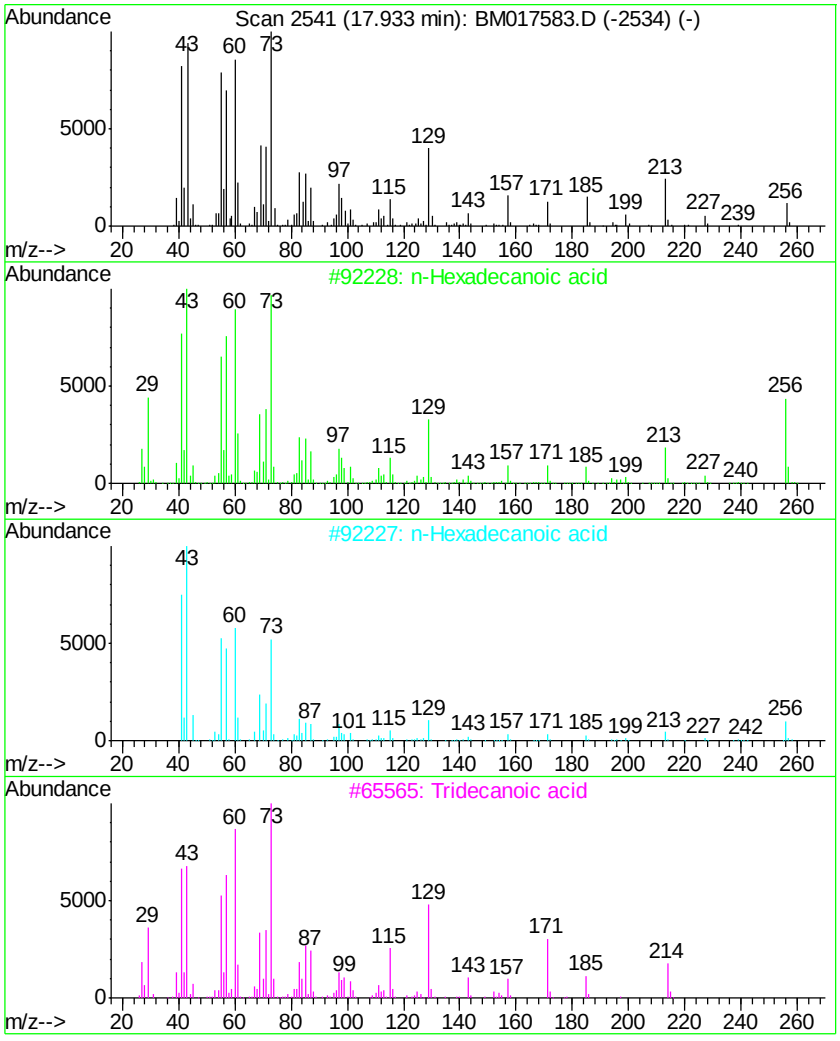
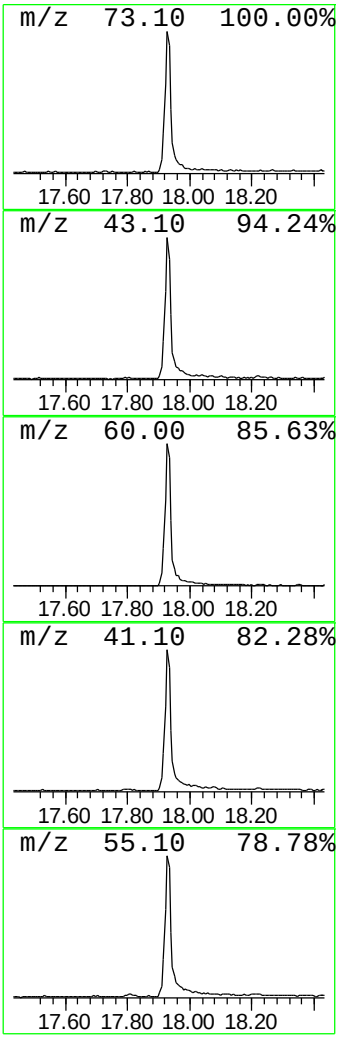
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	7.82 ng/ul	1542020	Phenanthrene-d10	17.02

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	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110918\
Data File : BM017583.D
Acq On : 09 Nov 2018 01:11
Operator : MJ/SJ
Sample : J5834-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESNR7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

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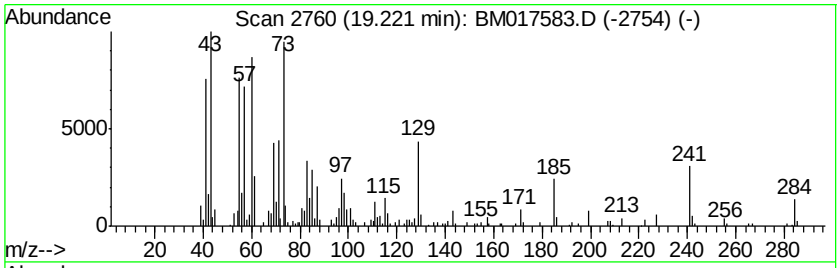
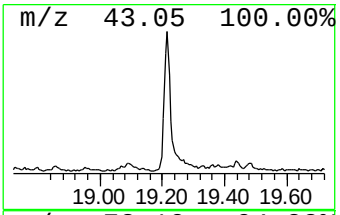
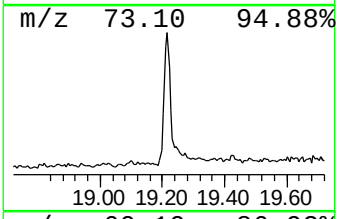
Peak Number 3 Octadecanoic acid Concentration Rank 9

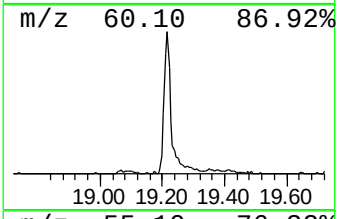
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	2.19 ng/ul	611904	Chrysene-d12	21.22

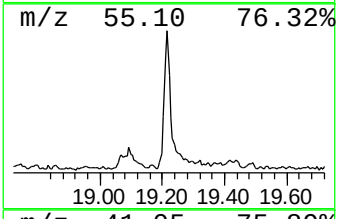
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93

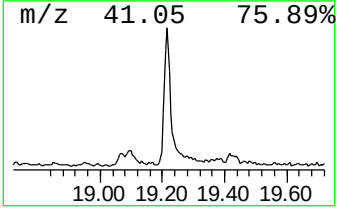












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Misc :
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Instrument : BNA_M
ClientSampleId : ESNR7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

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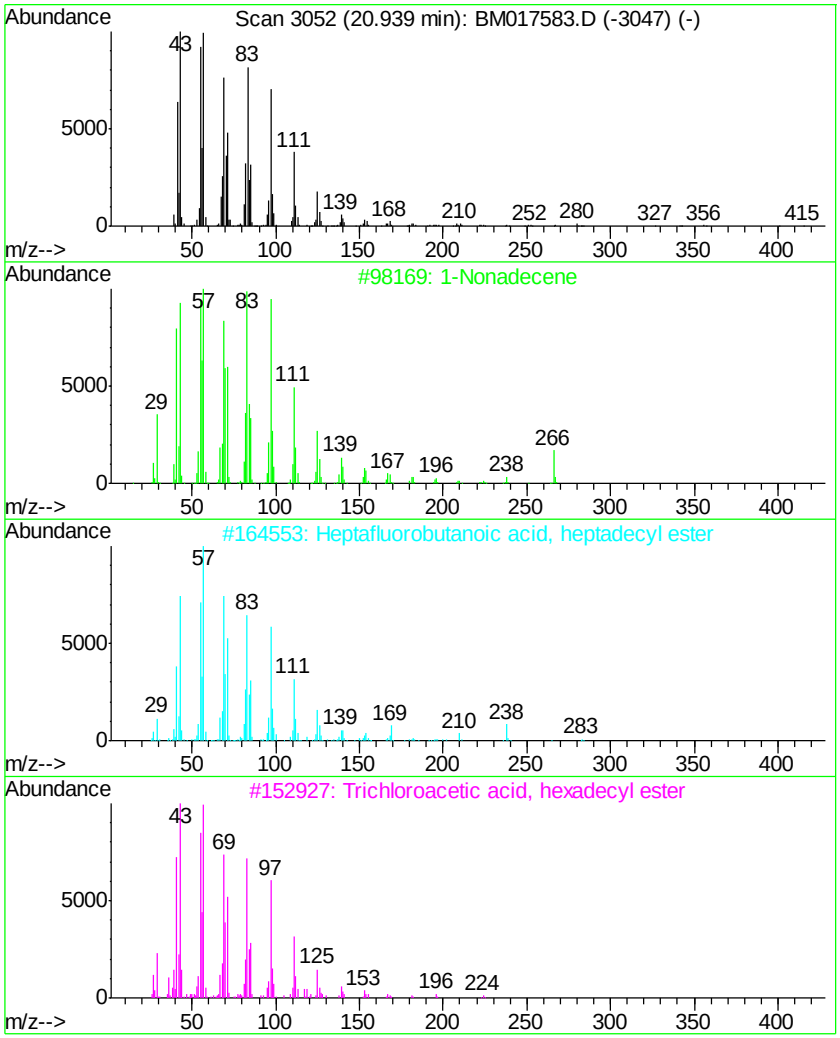
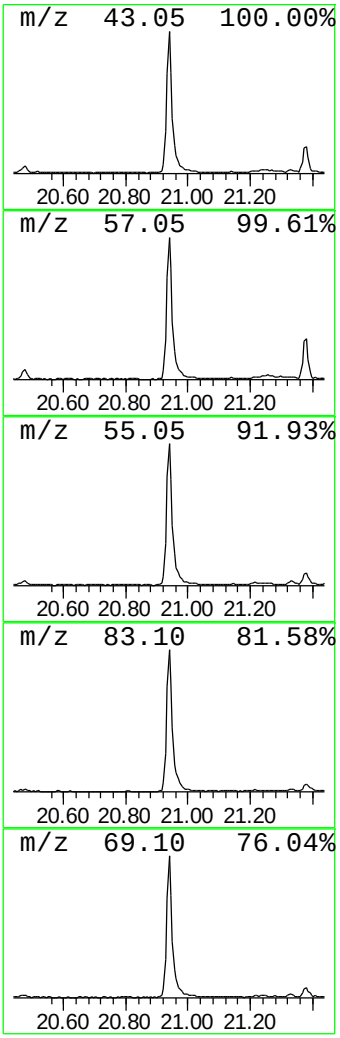
Peak Number 4 (DEL) Alkane: Cyclic20.94 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	7.48 ng/ul	2093080	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	96
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110918\
Data File : BM017583.D
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Sample : J5834-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESNR7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

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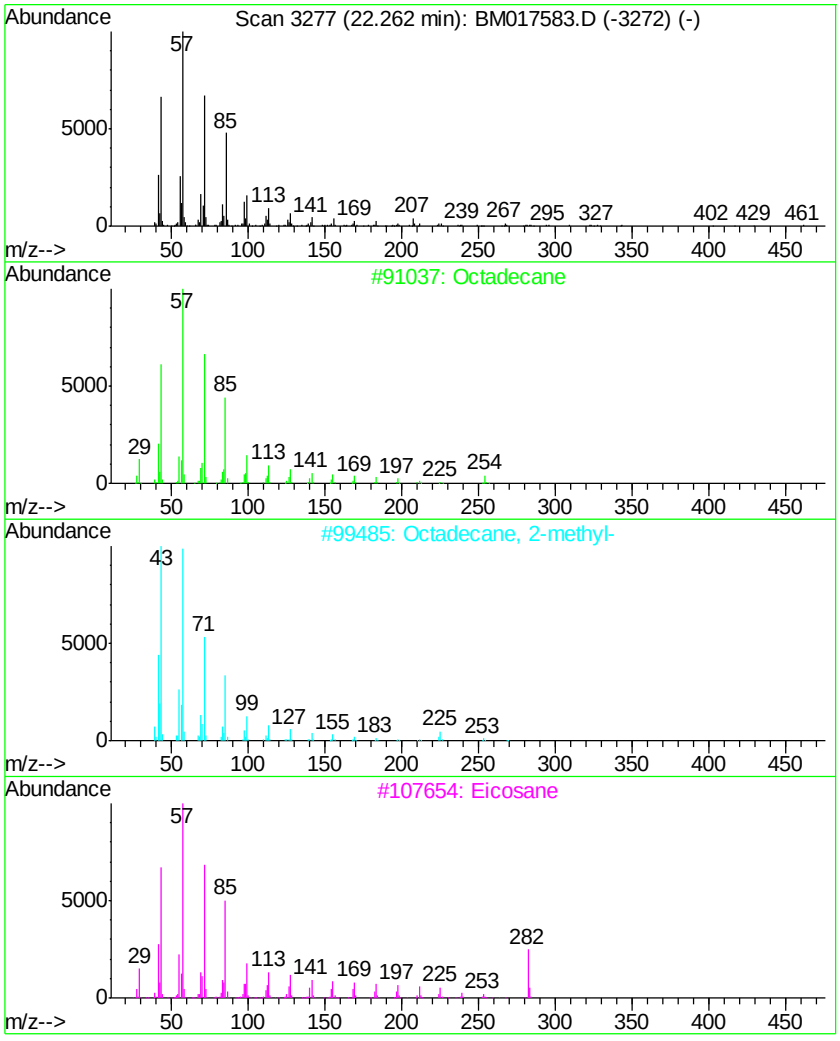
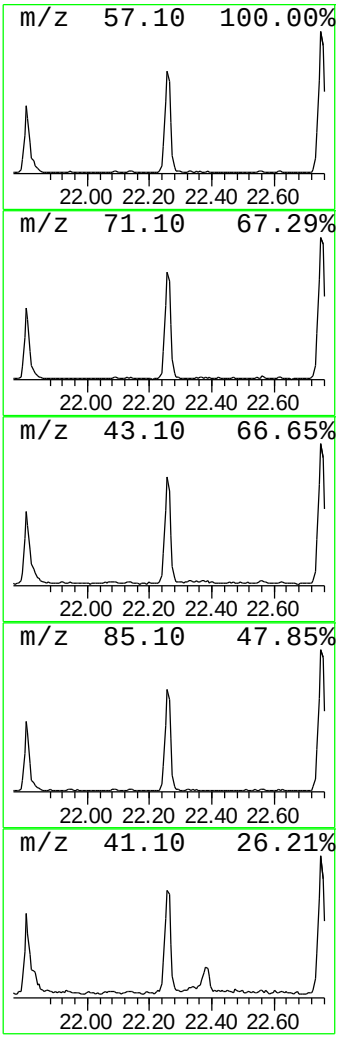
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	2.58 ng/ul	720294	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
3	Eicosane	282	C20H42	000112-95-8	93
4	Tetratriacontane	479	C34H70	014167-59-0	91
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

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Data File : BM017583.D
Acq On : 09 Nov 2018 01:11
Operator : MJ/SJ
Sample : J5834-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ESNR7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

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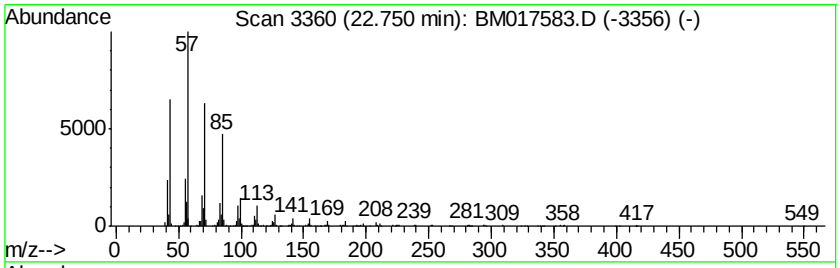
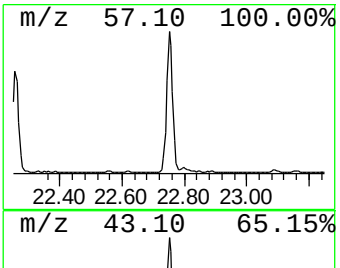
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.75	3.50 ng/ul	972560	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3	Octacosane	394	C28H58	000630-02-4	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110918\
Data File : BM017583.D
Acq On : 09 Nov 2018 01:11
Operator : MJ/SJ
Sample : J5834-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESNR7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

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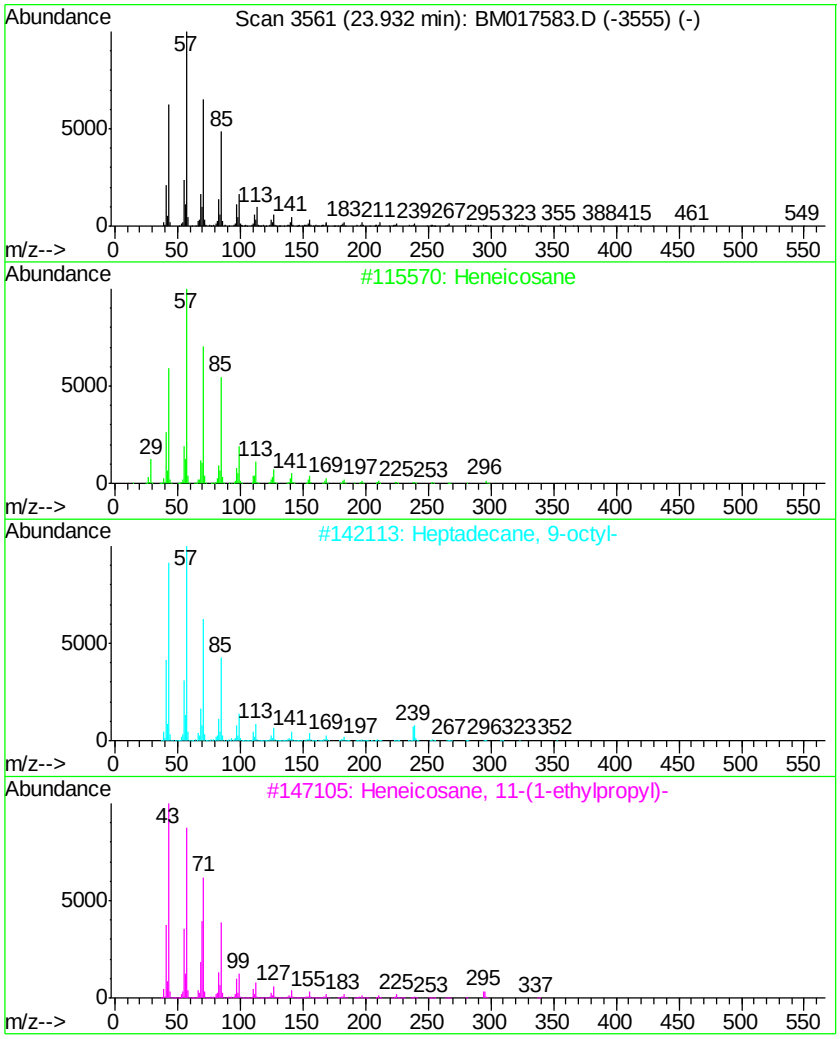
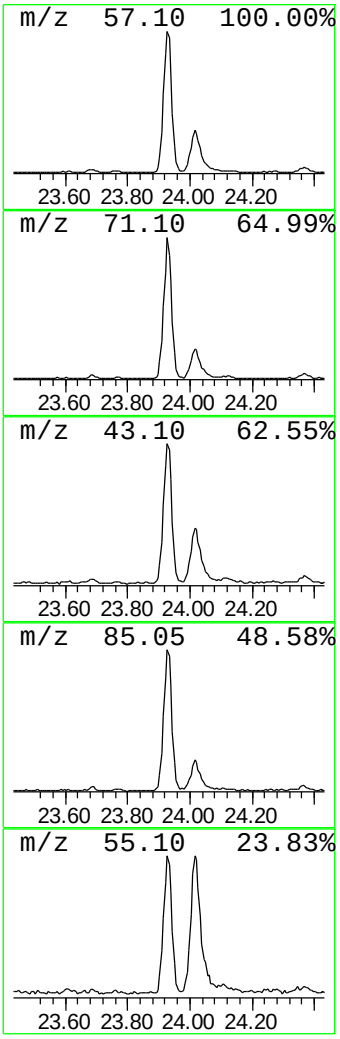
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	4.64 ng/ul	1290100	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Docosane	310	C22H46	000629-97-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110918\
Data File : BM017583.D
Acq On : 09 Nov 2018 01:11
Operator : MJ/SJ
Sample : J5834-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESNR7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

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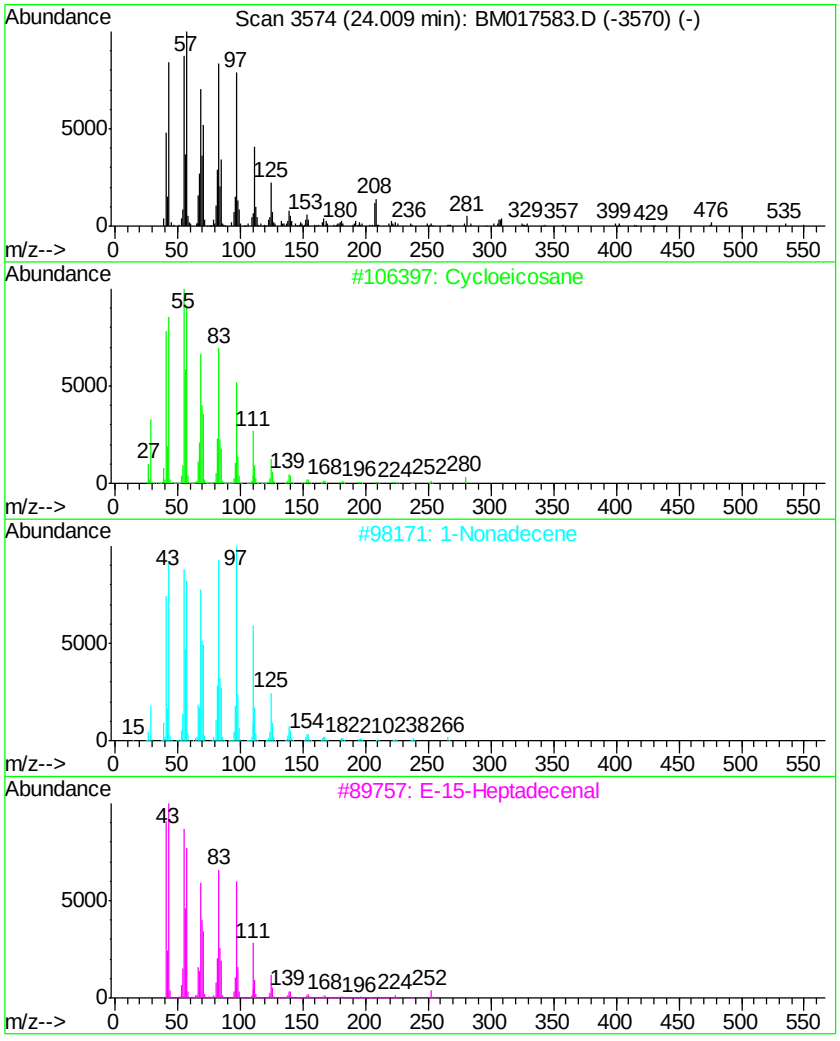
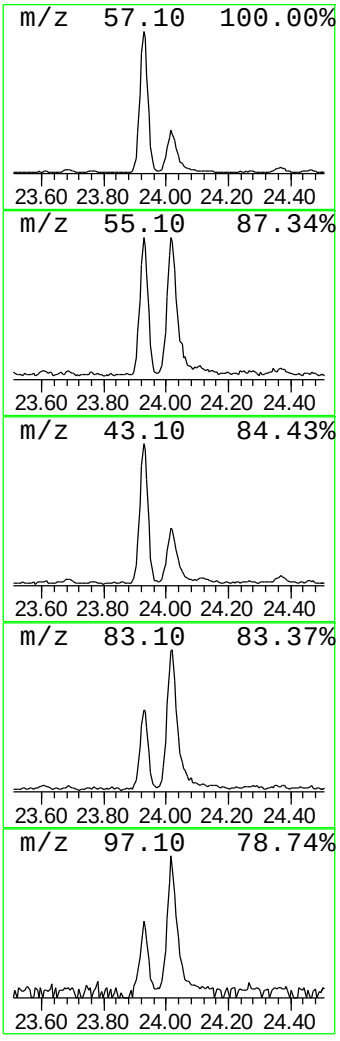
Peak Number 8 (DEL) Alkane: Cyclic24.01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.01	3.41 ng/ul	946999	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	95
2	1-Nonadecene	266	C19H38	018435-45-5	95
3	E-15-Heptadecenal	252	C17H32O	1000130-97-9	90
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
5	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110918\
Data File : BM017583.D
Acq On : 09 Nov 2018 01:11
Operator : MJ/SJ
Sample : J5834-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ESNR7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

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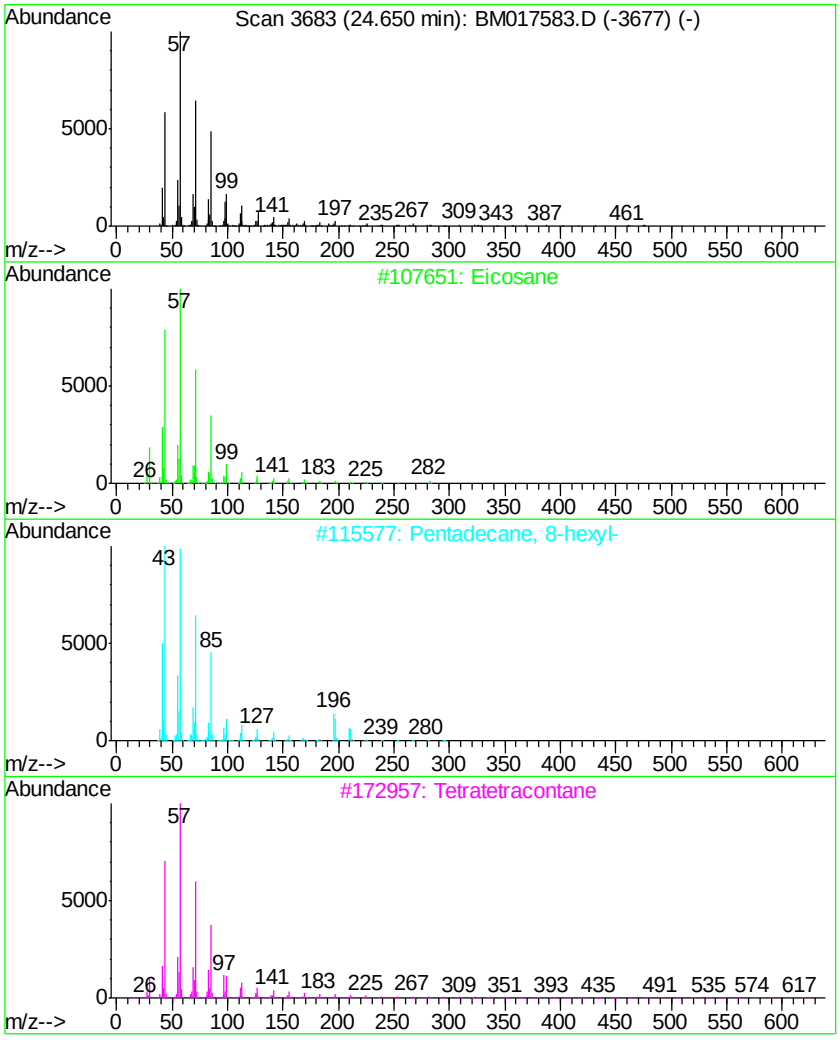
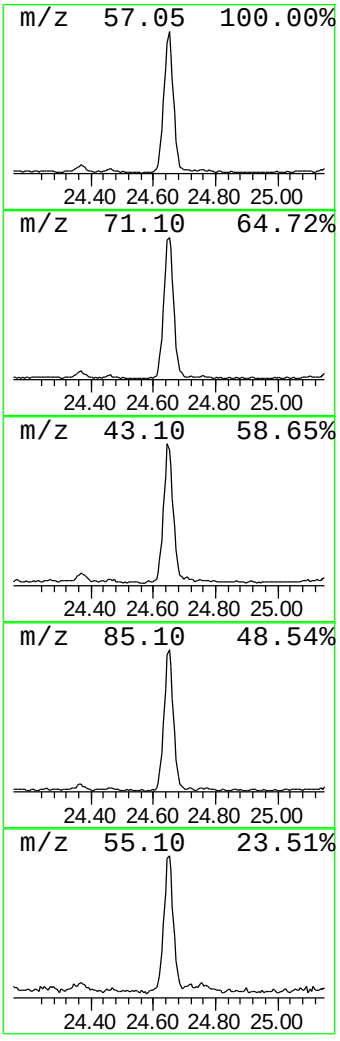
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.65	3.84 ng/ul	1066450	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110918\
Data File : BM017583.D
Acq On : 09 Nov 2018 01:11
Operator : MJ/SJ
Sample : J5834-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESNR7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

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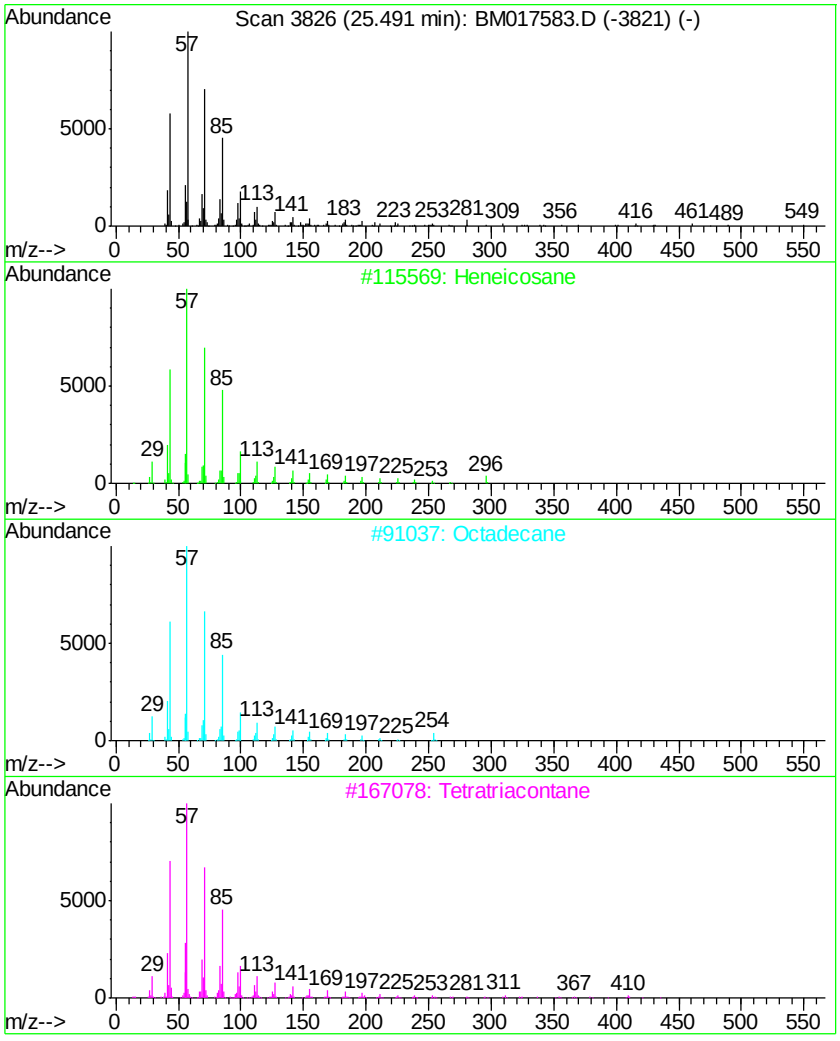
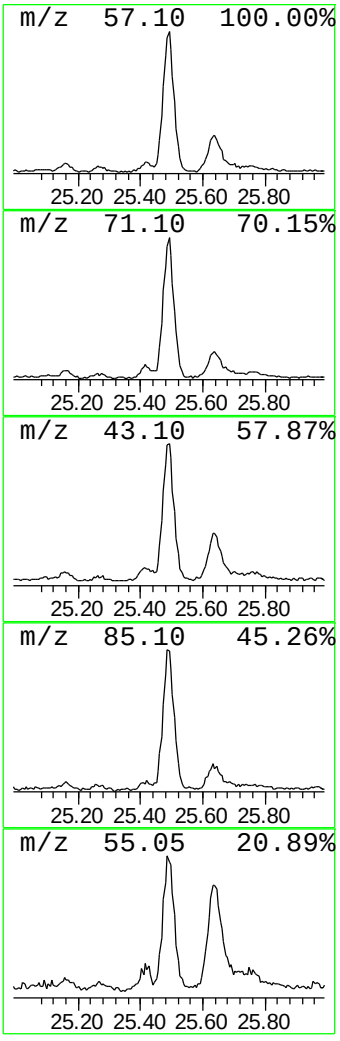
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.49	2.96 ng/ul	822208	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Octadecane	254	C18H38	000593-45-3	94
3	Tetratriacontane	479	C34H70	014167-59-0	90
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Hentriacontane	437	C31H64	000630-04-6	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110918\
Data File : BM017583.D
Acq On : 09 Nov 2018 01:11
Operator : MJ/SJ
Sample : J5834-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESNR7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.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	3.47	2.0	ng/ul	150618	1	7.62	1486210	20.0
n-Hexadecanoic acid	17.93	7.8	ng/ul	1542020	4	17.02	3945030	20.0
Octadecanoic acid	19.22	2.2	ng/ul	611904	5	21.22	5593810	20.0
(DEL) Alkane: Cyc...	20.94	7.5	ng/ul	2093080	5	21.22	5593810	20.0
(DEL) Alkane: Str...	22.26	2.6	ng/ul	720294	5	21.22	5593810	20.0
(DEL) Alkane: Str...	22.75	3.5	ng/ul	972560	6	23.41	5558330	20.0
(DEL) Alkane: Str...	23.93	4.6	ng/ul	1290100	6	23.41	5558330	20.0
(DEL) Alkane: Cyc...	24.01	3.4	ng/ul	946999	6	23.41	5558330	20.0
(DEL) Alkane: Str...	24.65	3.8	ng/ul	1066450	6	23.41	5558330	20.0
(DEL) Alkane: Str...	25.49	3.0	ng/ul	822208	6	23.41	5558330	20.0