LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110918\
Data File : BM017582.D
Acq On : 09 Nov 2018 00:36
Operator : MJ/SJ
Sample : J5834-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESNR1

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	46	rVB	40737	62814	0.85%	0.091%
2	3.475	79	83	91	rBV	43232	84776	1.15%	0.122%
3	3.904	152	156	164	rVB3	14689	26998	0.37%	0.039%
4	6.804	643	649	663	rBV2	704096	1416023	19.20%	2.042%
5	6.969	670	677	687	rBV	633635	984822	13.36%	1.420%
6	7.157	702	709	722	rBV	778869	1268377	17.20%	1.829%
7	7.622	781	788	798	rBV	922298	1488467	20.19%	2.146%
8	8.328	901	908	926	rVB	795714	1372013	18.61%	1.978%
9	8.775	975	984	994	rBV	797913	1319417	17.89%	1.903%
10	9.169	1047	1051	1056	rVB2	9602	14660	0.20%	0.021%
11	9.486	1097	1105	1120	rBV	667817	1132958	15.36%	1.634%
12	10.022	1188	1196	1219	rBV	842483	1635794	22.18%	2.359%
13	10.392	1252	1259	1273	rVB	1331297	2209598	29.96%	3.186%
14	10.545	1277	1285	1308	rBV	793100	1741697	23.62%	2.511%
15	12.021	1531	1536	1543	rVB4	9978	22550	0.31%	0.033%
16	13.680	1811	1818	1823	rBV	1975828	2917035	39.56%	4.206%
17	13.733	1823	1827	1836	rVB	598687	917734	12.45%	1.323%
18	13.957	1857	1865	1880	rBV	2124473	3280365	44.49%	4.730%
19	14.263	1910	1917	1929	rVB2	2035037	3114038	42.23%	4.490%
20	14.486	1949	1955	1978	rBV	552317	1290167	17.50%	1.860%
21	14.874	2017	2021	2025	rVB5	5021	7549	0.10%	0.011%
22	14.998	2038	2042	2047	rVB5	4272	7414	0.10%	0.011%
23	15.104	2057	2060	2063	rBV2	9568	14030	0.19%	0.020%
24	15.127	2063	2064	2069	rVB4	8483	7951	0.11%	0.011%
25	15.262	2080	2087	2101	rBV	3067390	4353240	59.04%	6.277%
26	15.398	2104	2110	2123	rVV	878453	1385045	18.78%	1.997%
27	15.504	2124	2128	2138	rVB	40055	62207	0.84%	0.090%
28	16.004	2208	2213	2225	rVB4	25388	73385	1.00%	0.106%
29	16.221	2245	2250	2252	rBV4	6005	8754	0.12%	0.013%
30	16.404	2276	2281	2286	rBV6	4770	9313	0.13%	0.013%
31	16.809	2344	2350	2356	rBV6	11533	25673	0.35%	0.037%
32	17.015	2379	2385	2396	rBV2	2770075	3992123	54.14%	5.756%
33	17.115	2396	2402	2417	rVV2	3247487	4875149	66.11%	7.030%
34	17.692	2497	2500	2505	rVB5	7168	11895	0.16%	0.017%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
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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	17.798	2515	2518	2519	rBV3	7400	9202	0.12%	0.013%
36	17.927	2534	2540	2549	rBV	288933	499995	6.78%	0.721%
37	18.221	2586	2590	2591	rBV4	8099	10357	0.14%	0.015%
38	18.739	2673	2678	2680	rBV5	5708	11247	0.15%	0.016%
39	19.056	2728	2732	2737	rBV	50118	87169	1.18%	0.126%
40	19.215	2754	2759	2769	rBV2	143348	246956	3.35%	0.356%
41	19.303	2771	2774	2780	rVB	34145	48107	0.65%	0.069%
42	19.421	2787	2794	2802	rBV	4244270	5981886	81.12%	8.626%
43	20.939	3048	3052	3060	rBV2	222526	332441	4.51%	0.479%
44	21.215	3094	3099	3109	rBV	4089029	5435762	73.72%	7.838%
45	21.380	3124	3127	3131	rVB	92153	95319	1.29%	0.137%
46	21.803	3196	3199	3204	rBV	183486	211794	2.87%	0.305%
47	22.256	3272	3276	3281	rBV	313934	389369	5.28%	0.561%
48	22.750	3356	3360	3366	rVB	372640	520562	7.06%	0.751%
49	23.274	3442	3449	3463	rBV	3505241	7373962	100.00%	10.633%
50	23.409	3465	3472	3495	rVB2	2750763	5597901	75.91%	8.072%
51	23.927	3555	3560	3569	rVB	395659	684415	9.28%	0.987%
52	24.650	3678	3683	3692	rVB	321629	679789	9.22%	0.980%

Sum of corrected areas: 69350264

LSC Report - Integrated Chromatogram

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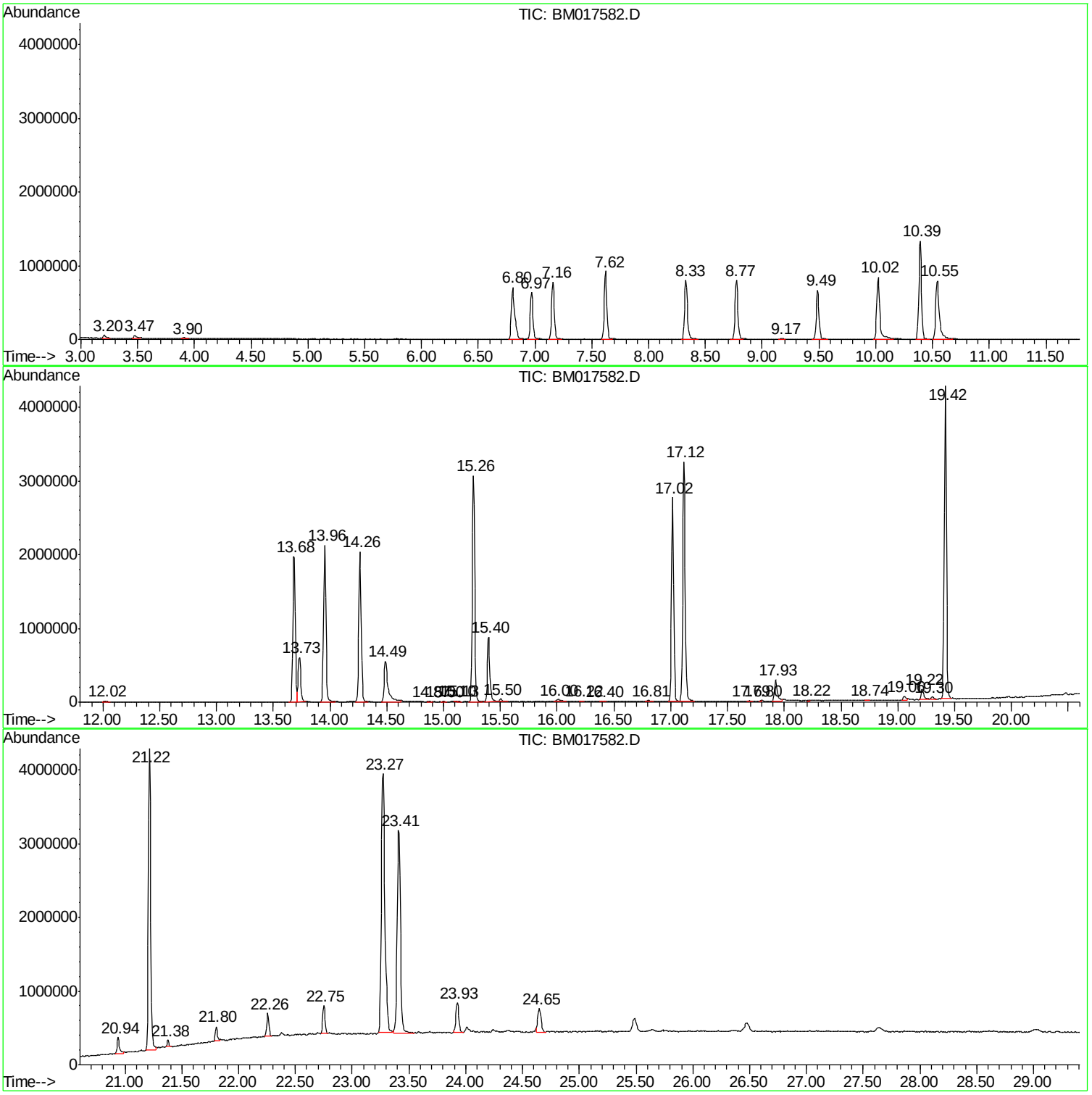
Sample : J5834-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ESNR1

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 : BM017582.D
Acq On : 09 Nov 2018 00:36
Operator : MJ/SJ
Sample : J5834-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESNR1

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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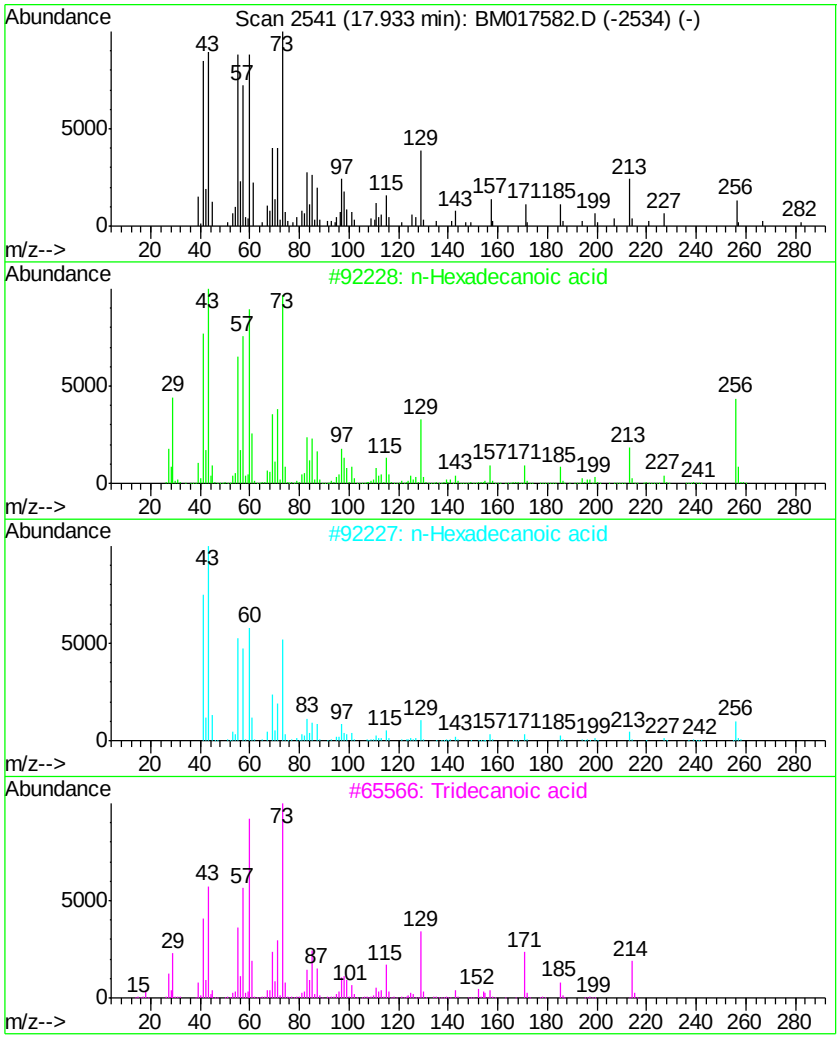
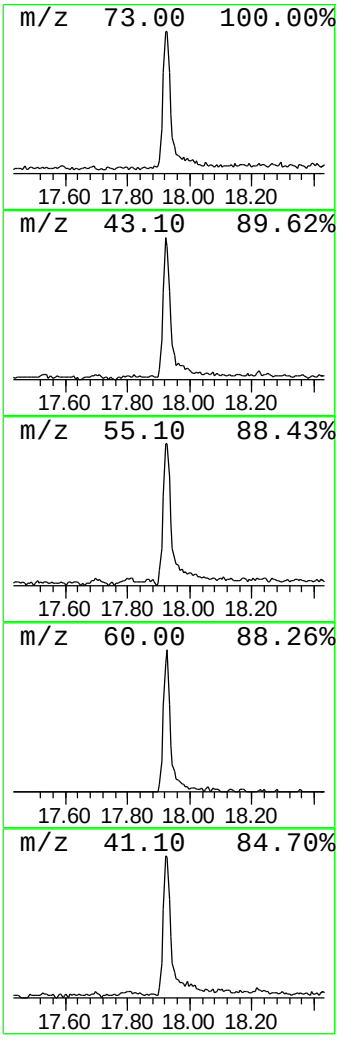
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	2.50 ng/ul	499995	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	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72





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Sample : J5834-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESNR1

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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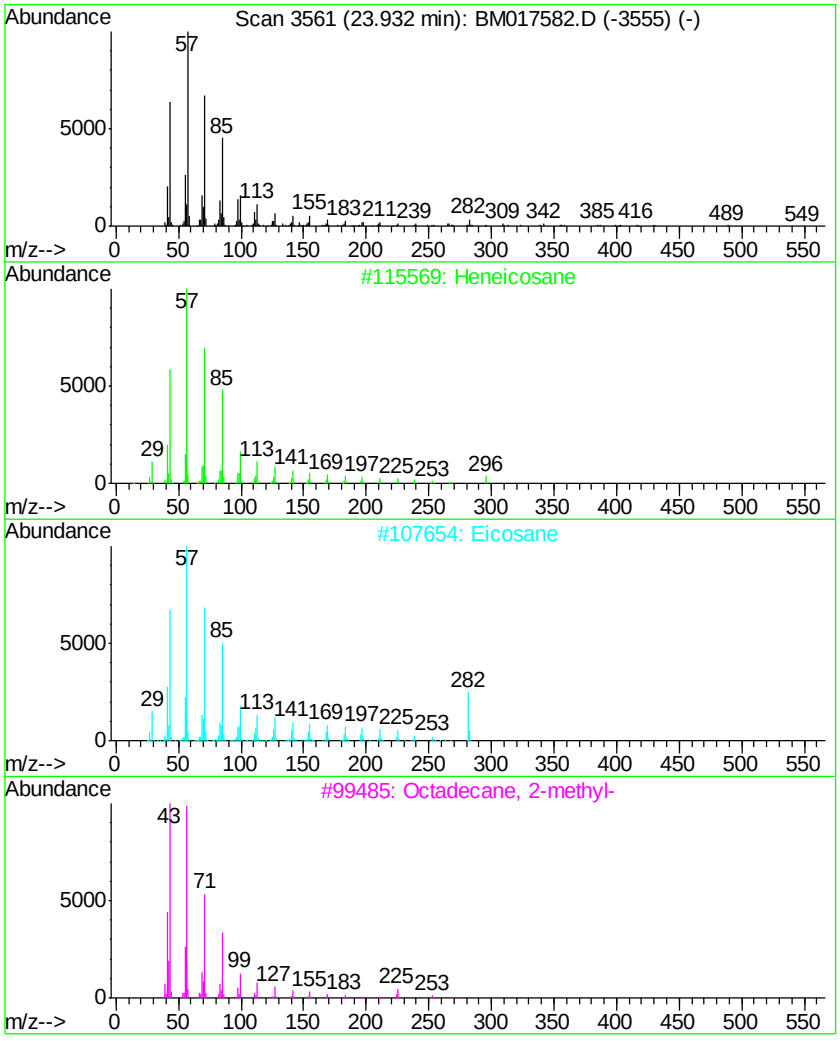
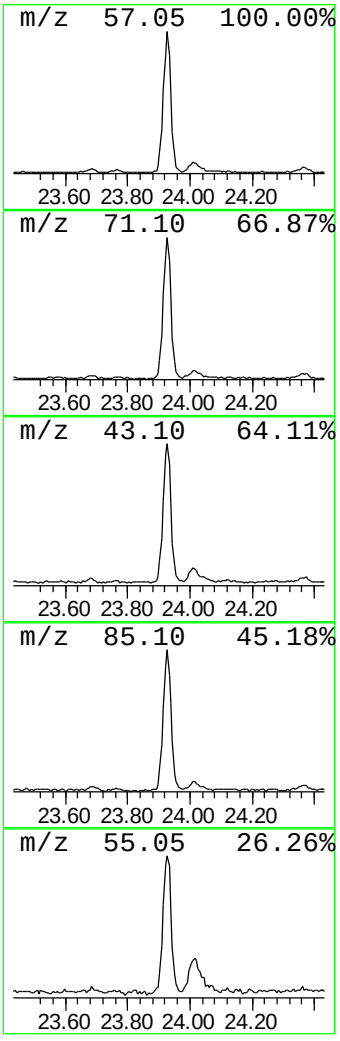
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	2.45 ng/ul	684415	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Eicosane	282	C20H42	000112-95-8	93
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
4	Octacosane	394	C28H58	000630-02-4	90
5	Tetratriacontane	479	C34H70	014167-59-0	90





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Sample : J5834-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESNR1

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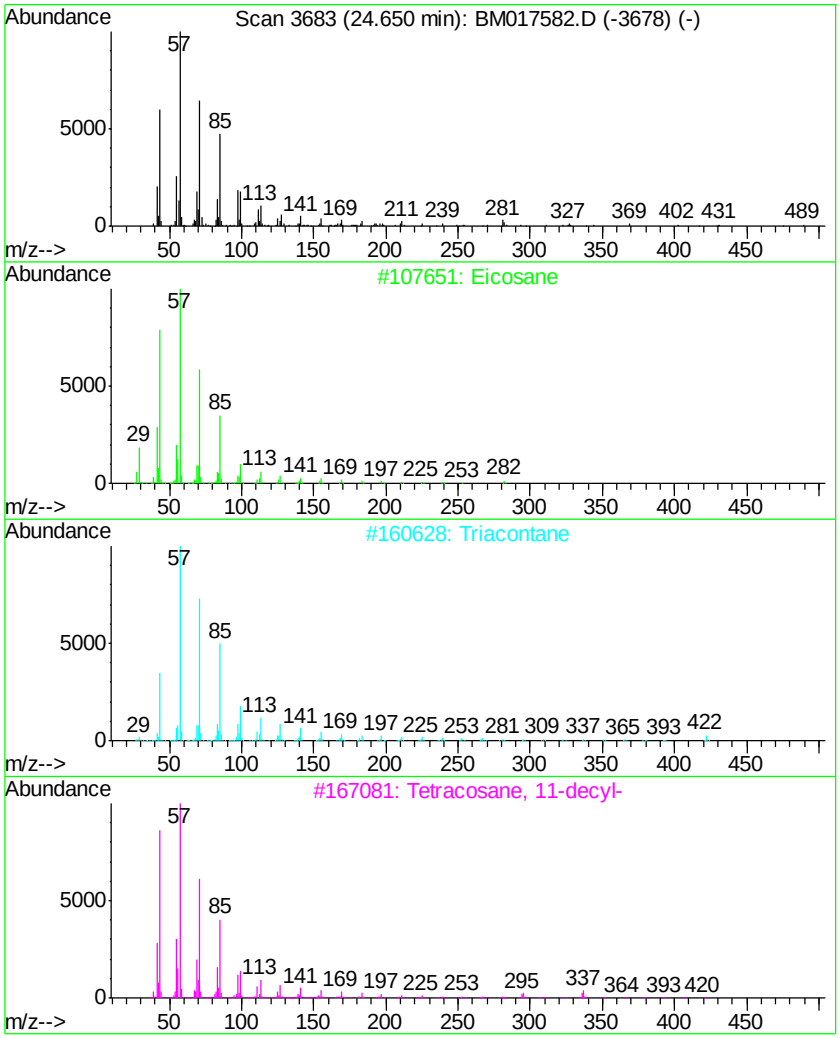
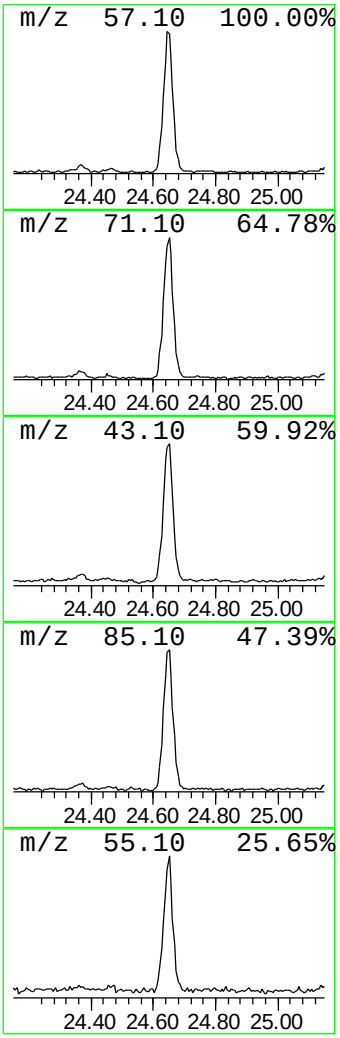
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.65	2.43 ng/ul	679789	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Triacontane	422	C30H62	000638-68-6	87
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Nonacosane	408	C29H60	000630-03-5	87





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESNR1

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
n-Hexadecanoic acid	17.93	2.5	ng/ul	499995	4	17.02	3992120	20.0
(DEL) Alkane: Str...	23.93	2.5	ng/ul	684415	6	23.41	5597900	20.0
(DEL) Alkane: Str...	24.65	2.4	ng/ul	679789	6	23.41	5597900	20.0