LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
Data File : BN005800.D
Acq On : 20 May 2019 15:40
Operator : JU/SJ
Sample : K2693-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFHF0

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_N\METHODS\SOM-EPA-BN051819MA.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	6.763	636	642	659	rVB	421039	859180	17.28%	2.058%
2	6.916	663	668	679	rVB	353752	586473	11.79%	1.405%
3	7.111	695	701	710	rBV	485790	839809	16.89%	2.012%
4	7.569	773	779	789	rVB	365373	625919	12.59%	1.499%
5	8.275	894	899	917	rVB	566849	1077629	21.67%	2.582%
6	8.716	967	974	986	rBV	518069	913919	18.38%	2.189%
7	9.434	1089	1096	1107	rBV	427599	780699	15.70%	1.870%
8	9.969	1181	1187	1199	rBV	573300	1111617	22.35%	2.663%
9	10.328	1241	1248	1257	rBV	556280	919009	18.48%	2.202%
10	10.481	1267	1274	1296	rBV	478914	1098232	22.08%	2.631%
11	11.963	1522	1526	1534	rBV3	5770	13656	0.27%	0.033%
12	13.622	1802	1808	1813	rBV	1392165	2014283	40.50%	4.826%
13	13.675	1813	1817	1826	rVB	291524	444804	8.94%	1.066%
14	13.898	1848	1855	1872	rBV	1556424	2414739	48.55%	5.785%
15	14.204	1901	1907	1917	rBV2	872347	1378523	27.72%	3.302%
16	14.457	1945	1950	1973	rBV	268748	741316	14.91%	1.776%
17	14.669	1982	1986	1994	rVB6	5225	11128	0.22%	0.027%
18	15.081	2053	2056	2060	rVB3	7114	8973	0.18%	0.021%
19	15.210	2071	2078	2087	rBV	2029253	2978666	59.89%	7.136%
20	15.375	2100	2106	2115	rBV	372298	698259	14.04%	1.673%
21	15.457	2116	2120	2124	rVB	27842	38354	0.77%	0.092%
22	15.945	2200	2203	2205	rBV3	4170	5175	0.10%	0.012%
23	15.998	2208	2212	2215	rVB2	7492	8880	0.18%	0.021%
24	16.745	2333	2339	2341	rBV3	4561	7564	0.15%	0.018%
25	16.969	2370	2377	2387	rBV	1257484	1827204	36.74%	4.377%
26	17.069	2387	2394	2416	rVB	2221357	3397288	68.31%	8.139%
27	17.481	2460	2464	2467	rBV2	4003	5371	0.11%	0.013%
28	17.886	2527	2533	2548	rBV2	163996	329353	6.62%	0.789%
29	18.816	2687	2691	2694	rBV4	4373	5162	0.10%	0.012%
30	19.022	2722	2726	2730	rBV	24068	36947	0.74%	0.089%
31	19.180	2747	2753	2764	rBV3	51476	117421	2.36%	0.281%
32	19.269	2764	2768	2776	rVB	24350	38255	0.77%	0.092%
33	19.386	2781	2788	2796	rBV	2905109	4243395	85.32%	10.166%
34	19.951	2878	2884	2888	rBV5	20703	30145	0.61%	0.072%

LSC Area Percent Report

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Acq On : 20 May 2019 15:40
Operator : JU/SJ
Sample : K2693-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFHF0

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_N\METHODS\SOM-EPA-BN051819MA.M
Title : SVOA CALIBRATION

35	20.457	2966	2970	2974	rBV2	35737	40437	0.81%	0.097%
36	20.927	3046	3050	3072	rBV2	204884	504297	10.14%	1.208%
37	21.210	3092	3098	3113	rBV	1659038	2412356	48.51%	5.779%
38	21.374	3122	3126	3131	rBV	89564	95395	1.92%	0.229%
39	21.810	3196	3200	3203	rBV	104505	126490	2.54%	0.303%
40	21.839	3203	3205	3216	rVB	11136	28428	0.57%	0.068%
41	22.263	3273	3277	3282	rBV	177086	213883	4.30%	0.512%
42	22.386	3294	3298	3305	rVB	37644	60113	1.21%	0.144%
43	22.704	3350	3352	3357	rVB5	17416	18380	0.37%	0.044%
44	22.757	3357	3361	3370	rVB	207430	276512	5.56%	0.662%
45	23.286	3443	3451	3466	rBV	2526888	4973225	100.00%	11.914%
46	23.421	3467	3474	3487	rVB2	1195029	2413850	48.54%	5.783%
47	23.933	3555	3561	3568	rVB	184071	337382	6.78%	0.808%
48	24.651	3677	3683	3689	rBV2	138022	280629	5.64%	0.672%
49	25.492	3819	3826	3835	rVB3	86264	205173	4.13%	0.492%
50	26.474	3987	3993	4001	rVB4	55737	148230	2.98%	0.355%

Sum of corrected areas: 41742127

LSC Report - Integrated Chromatogram

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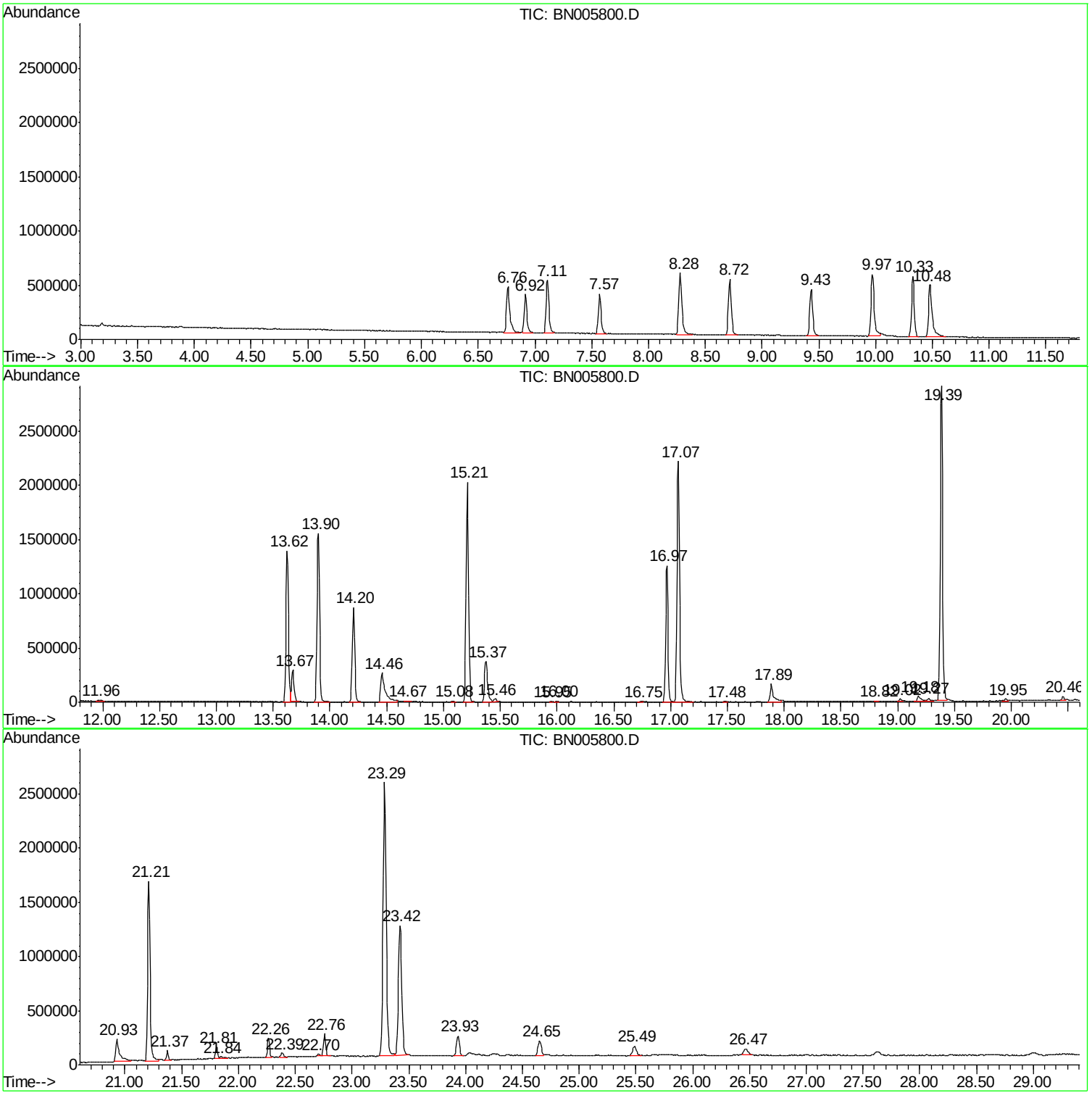
Data File : BN005800.D
Acq On : 20 May 2019 15:40
Operator : JU/SJ
Sample : K2693-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFHF0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.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_N\DATA\BN052019\
Data File : BN005800.D
Acq On : 20 May 2019 15:40
Operator : JU/SJ
Sample : K2693-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFHF0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

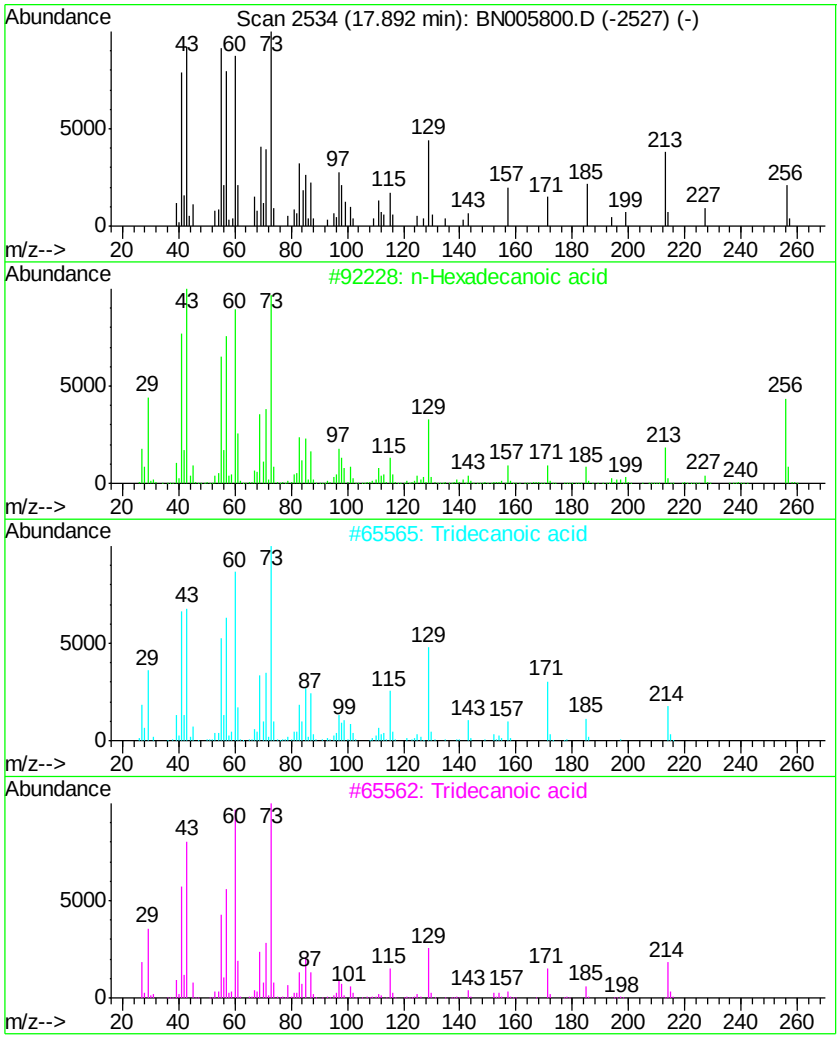
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

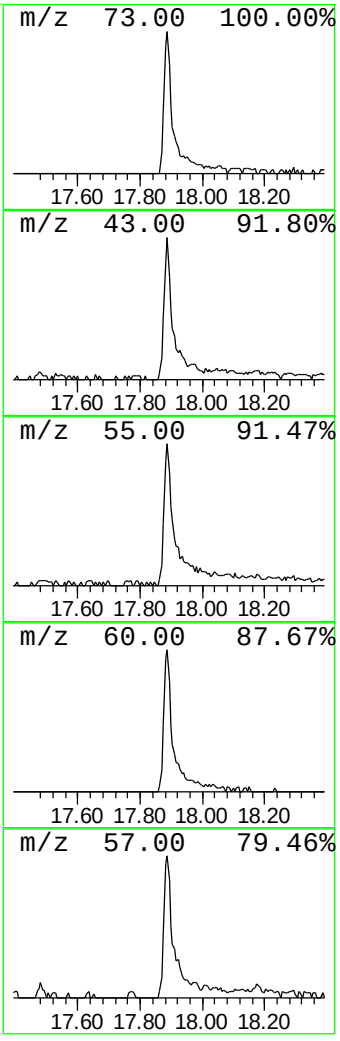
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	3.60 ng/ul	329353	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
Data File : BN005800.D
Acq On : 20 May 2019 15:40
Operator : JU/SJ
Sample : K2693-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFHF0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

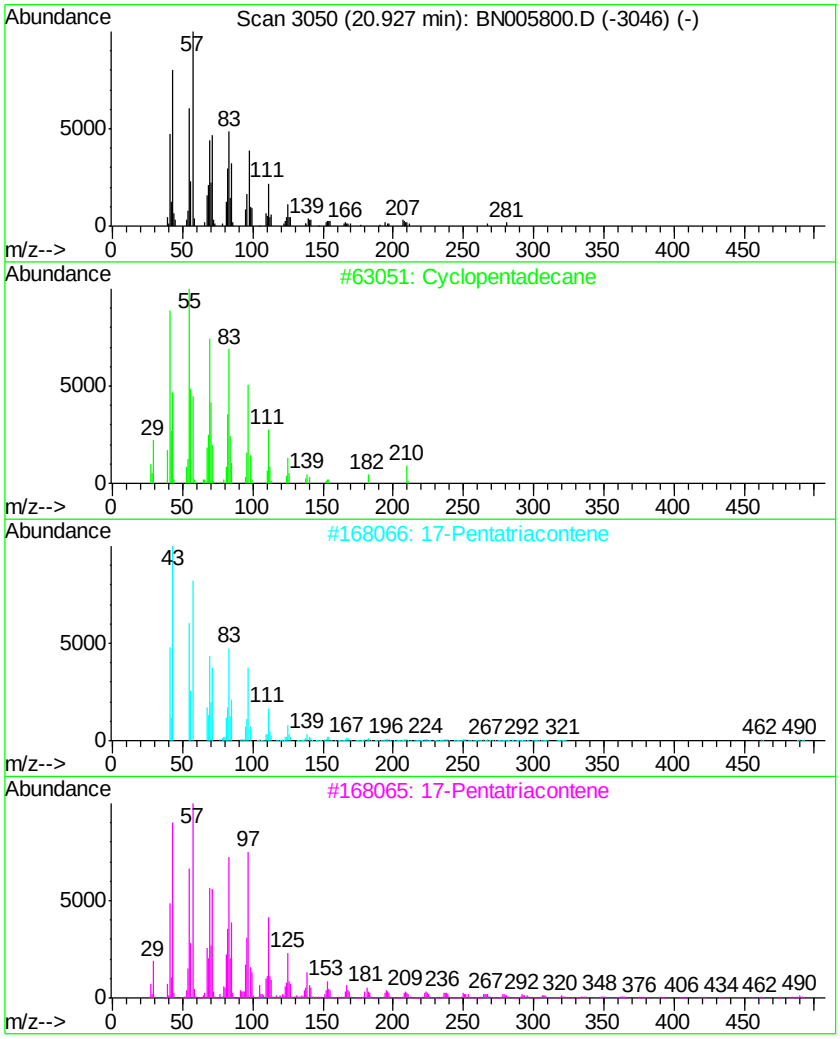
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

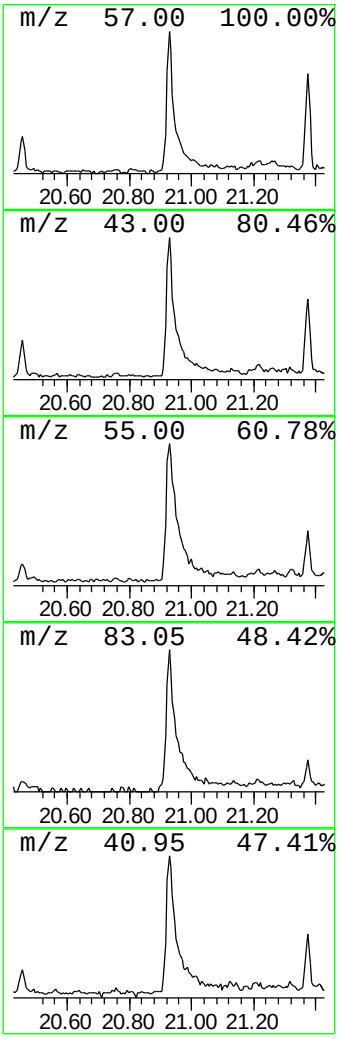
****

Peak Number 2 (DEL) Alkane: Cyclic20.93 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	4.18 ng/ul	504297	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	92
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	1-Hentetracontanol	593	C41H84O	040710-42-7	91
5	1-Hexacosanol	382	C26H54O	000506-52-5	90





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Operator : JU/SJ
Sample : K2693-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFHF0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

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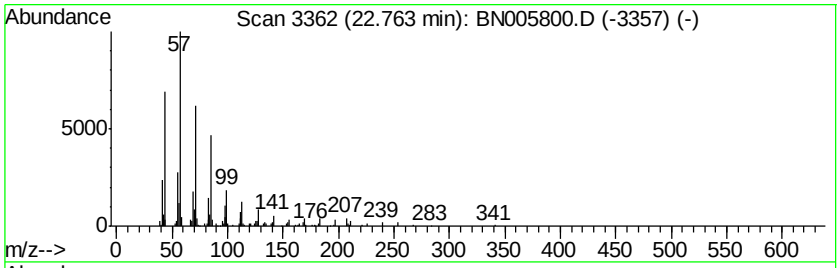
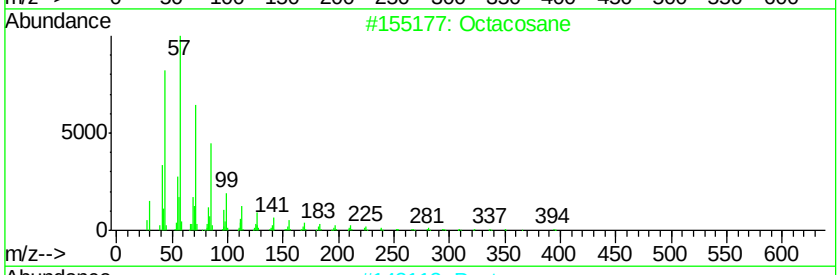
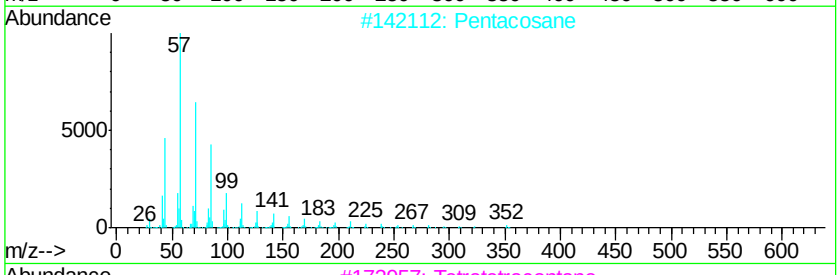
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

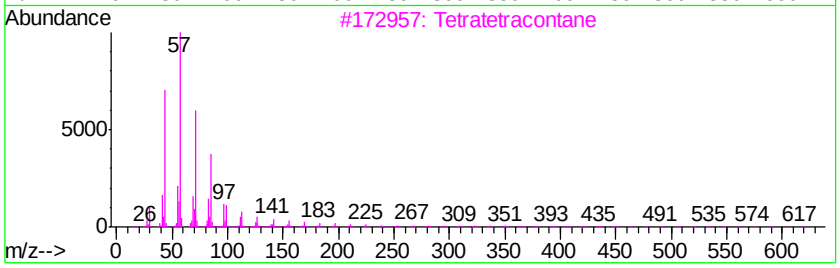
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.76	2.29 ng/ul	276512	Perylene-d12	23.42

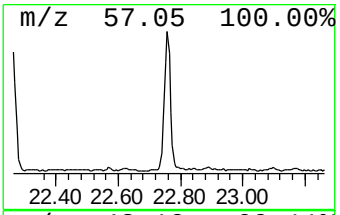
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Tetratriacontane	479	C34H70	014167-59-0	90
5	Octacosane	394	C28H58	000630-02-4	90

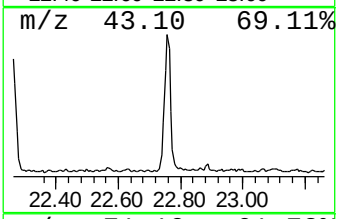


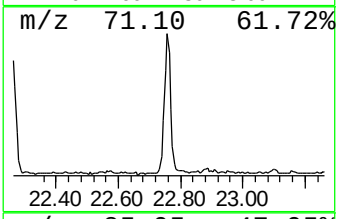


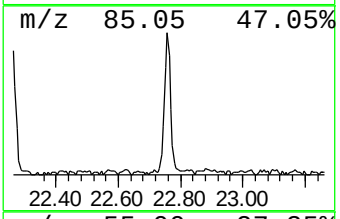


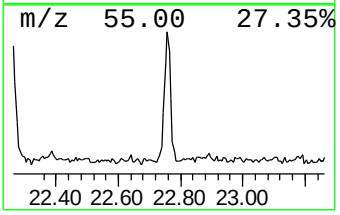












Library Search Compound Report

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Misc :
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Instrument : BNA_N
ClientSampleId : BFHF0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

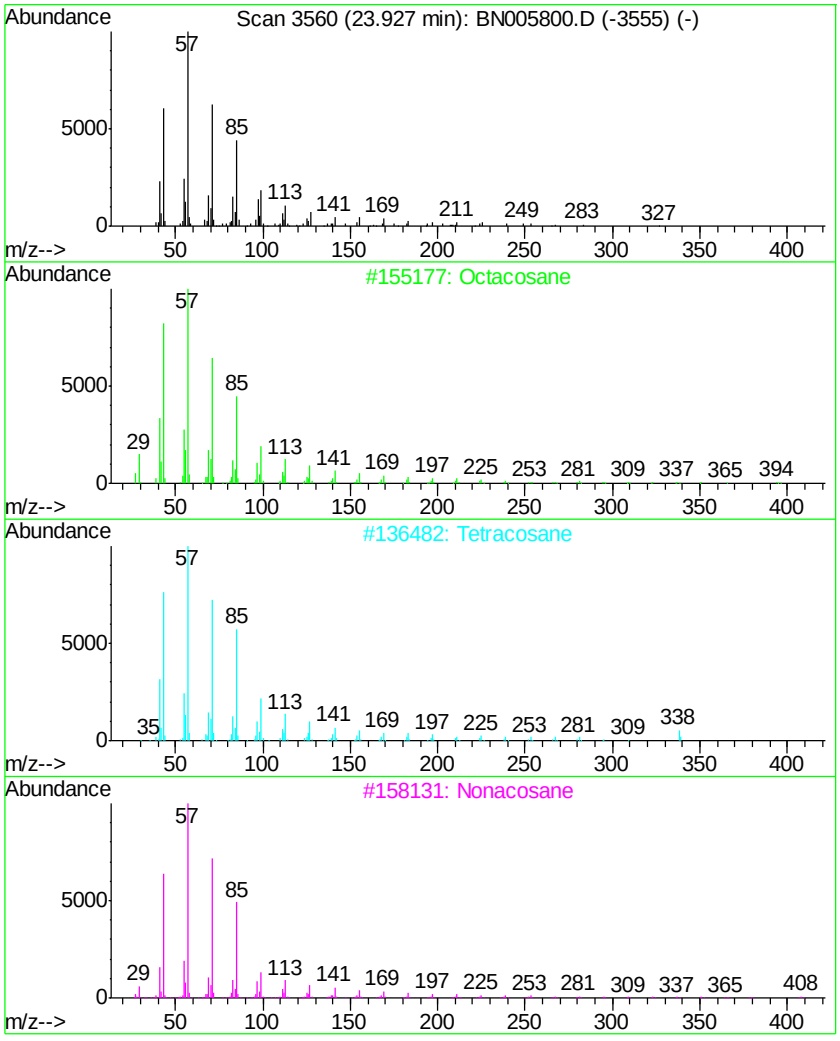
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

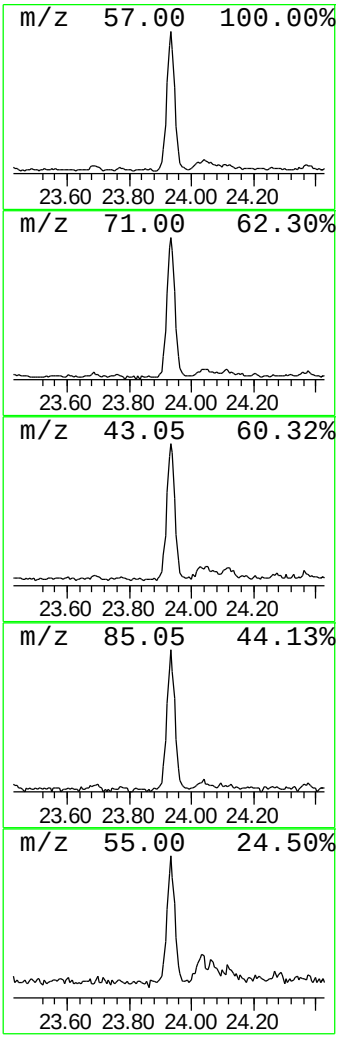
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	2.80 ng/ul	337382	Perylene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Tetracosane	338	C24H50	000646-31-1	90
3	Nonacosane	408	C29H60	000630-03-5	90
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
5	Hentriacontane	437	C31H64	000630-04-6	90





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Operator : JU/SJ
Sample : K2693-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFHF0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

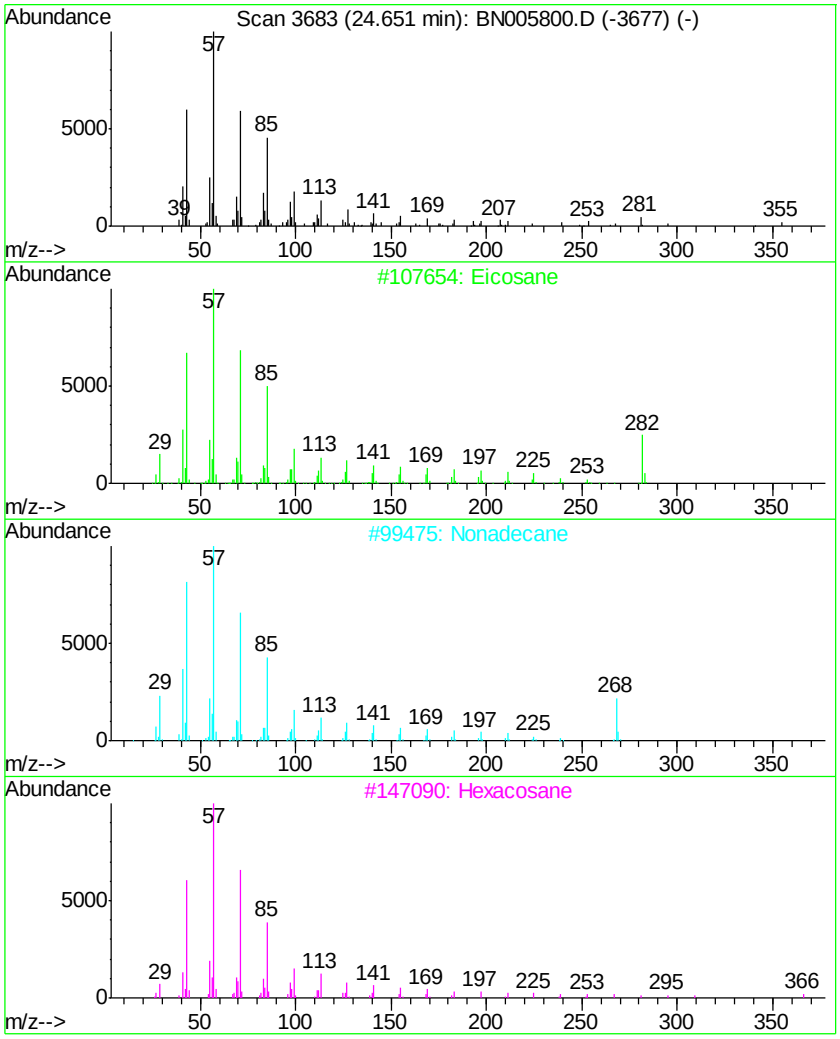
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

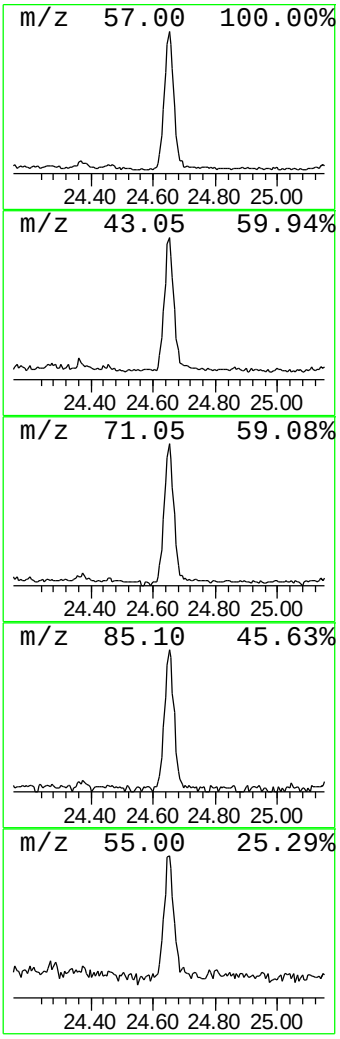
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.65	2.33 ng/ul	280629	Perylene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Nonadecane	268	C19H40	000629-92-5	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Tetratriacontane	479	C34H70	014167-59-0	90





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_N
ClientSampleId : BFHF0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.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	17.89	3.6	ng/ul	329353	4	16.97	1827200	20.0
(DEL) Alkane: Cyc...	20.93	4.2	ng/ul	504297	5	21.21	2412360	20.0
(DEL) Alkane: Str...	22.76	2.3	ng/ul	276512	6	23.42	2413850	20.0
(DEL) Alkane: Str...	23.93	2.8	ng/ul	337382	6	23.42	2413850	20.0
(DEL) Alkane: Str...	24.65	2.3	ng/ul	280629	6	23.42	2413850	20.0