LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
Data File : BM021472.D
Acq On : 16 Jul 2019 17:59
Operator : HP/JU
Sample : K3772-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52N0

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-BM070819MA.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	6.904	661	666	678	rVB	171984	307062	5.92%	0.688%
2	7.069	689	694	706	rVB	515132	838217	16.17%	1.879%
3	7.263	720	727	735	rVB	610094	999431	19.28%	2.241%
4	7.728	800	806	814	rVB	620369	1001011	19.31%	2.244%
5	8.434	920	926	936	rBV	477583	769938	14.85%	1.726%
6	8.892	997	1004	1014	rVB	693694	1149220	22.17%	2.577%
7	9.245	1061	1064	1069	rVB4	13163	18143	0.35%	0.041%
8	9.604	1119	1125	1136	rBV	568755	943908	18.21%	2.116%
9	10.139	1209	1216	1232	rVV	801169	1500742	28.95%	3.365%
10	10.510	1272	1279	1287	rBV	853335	1379483	26.61%	3.093%
11	10.675	1301	1307	1317	rVB	37116	76599	1.48%	0.172%
12	12.116	1547	1552	1560	rVB2	10992	20938	0.40%	0.047%
13	12.974	1694	1698	1700	rVB2	4847	6226	0.12%	0.014%
14	13.786	1830	1836	1841	rBV	1650035	2301479	44.39%	5.160%
15	13.833	1841	1844	1851	rVB	187585	250937	4.84%	0.563%
16	14.063	1876	1883	1892	rBV	1939915	2813625	54.27%	6.308%
17	14.369	1925	1935	1946	rBV2	1224313	1832904	35.35%	4.110%
18	14.604	1966	1975	1992	rBV2	63338	170241	3.28%	0.382%
19	14.786	2003	2006	2014	rBV3	8385	15903	0.31%	0.036%
20	15.210	2073	2078	2083	rBV4	6326	10016	0.19%	0.022%
21	15.368	2098	2105	2115	rBV	2404412	3532464	68.13%	7.920%
22	15.504	2122	2128	2140	rBV	541898	813813	15.70%	1.825%
23	15.610	2141	2146	2150	rVB	24390	35774	0.69%	0.080%
24	16.074	2222	2225	2230	rBV3	4620	7851	0.15%	0.018%
25	16.151	2235	2238	2242	rBV3	10611	12432	0.24%	0.028%
26	16.527	2298	2302	2306	rBV3	11887	15927	0.31%	0.036%
27	16.915	2363	2368	2370	rVV2	3541	5716	0.11%	0.013%
28	17.121	2397	2403	2409	rBV	1589121	2141907	41.31%	4.802%
29	17.221	2413	2420	2429	rVV	2680692	3756821	72.46%	8.423%
30	17.286	2429	2431	2438	rVB6	10252	15573	0.30%	0.035%
31	17.609	2483	2486	2493	rBV6	6275	11890	0.23%	0.027%
32	17.886	2528	2533	2541	rBV6	30066	57319	1.11%	0.129%
33	18.009	2550	2554	2565	rBV	182029	292520	5.64%	0.656%
34	18.298	2600	2603	2607	rBV4	13791	18250	0.35%	0.041%

LSC Area Percent Report

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Data File : BM021472.D
Acq On : 16 Jul 2019 17:59
Operator : HP/JU
Sample : K3772-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52N0

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-BM070819MA.M
Title : SVOA CALIBRATION

35	18.362	2612	2614	2616	rBV3	5467	6215	0.12%	0.014%
36	18.568	2644	2649	2655	rBV9	8217	19403	0.37%	0.044%
37	18.939	2708	2712	2715	rBV4	16102	19120	0.37%	0.043%
38	19.151	2744	2748	2750	rBV2	66594	87022	1.68%	0.195%
39	19.298	2769	2773	2781	rBV2	71910	119949	2.31%	0.269%
40	19.409	2788	2792	2796	rVB	24705	32162	0.62%	0.072%
41	19.515	2804	2810	2816	rBV	3367323	4629719	89.30%	10.380%
42	20.056	2898	2902	2907	rBV2	50420	59801	1.15%	0.134%
43	20.550	2982	2986	2990	rBV	120857	138325	2.67%	0.310%
44	21.015	3062	3065	3076	rBV2	205377	292955	5.65%	0.657%
45	21.309	3110	3115	3127	rBV	1861144	2579227	49.75%	5.783%
46	21.450	3136	3139	3143	rBV	226235	235062	4.53%	0.527%
47	21.886	3210	3213	3218	rBV	234097	272718	5.26%	0.611%
48	22.350	3289	3292	3298	rVB	246417	321442	6.20%	0.721%
49	22.480	3310	3314	3319	rBV	444822	588092	11.34%	1.319%
50	22.862	3376	3379	3387	rVB	248413	326708	6.30%	0.733%
51	23.427	3468	3475	3488	rBV	2773863	5184564	100.00%	11.624%
52	23.568	3493	3499	3510	rVB2	1293115	2564305	49.46%	5.749%

Sum of corrected areas: 44601069

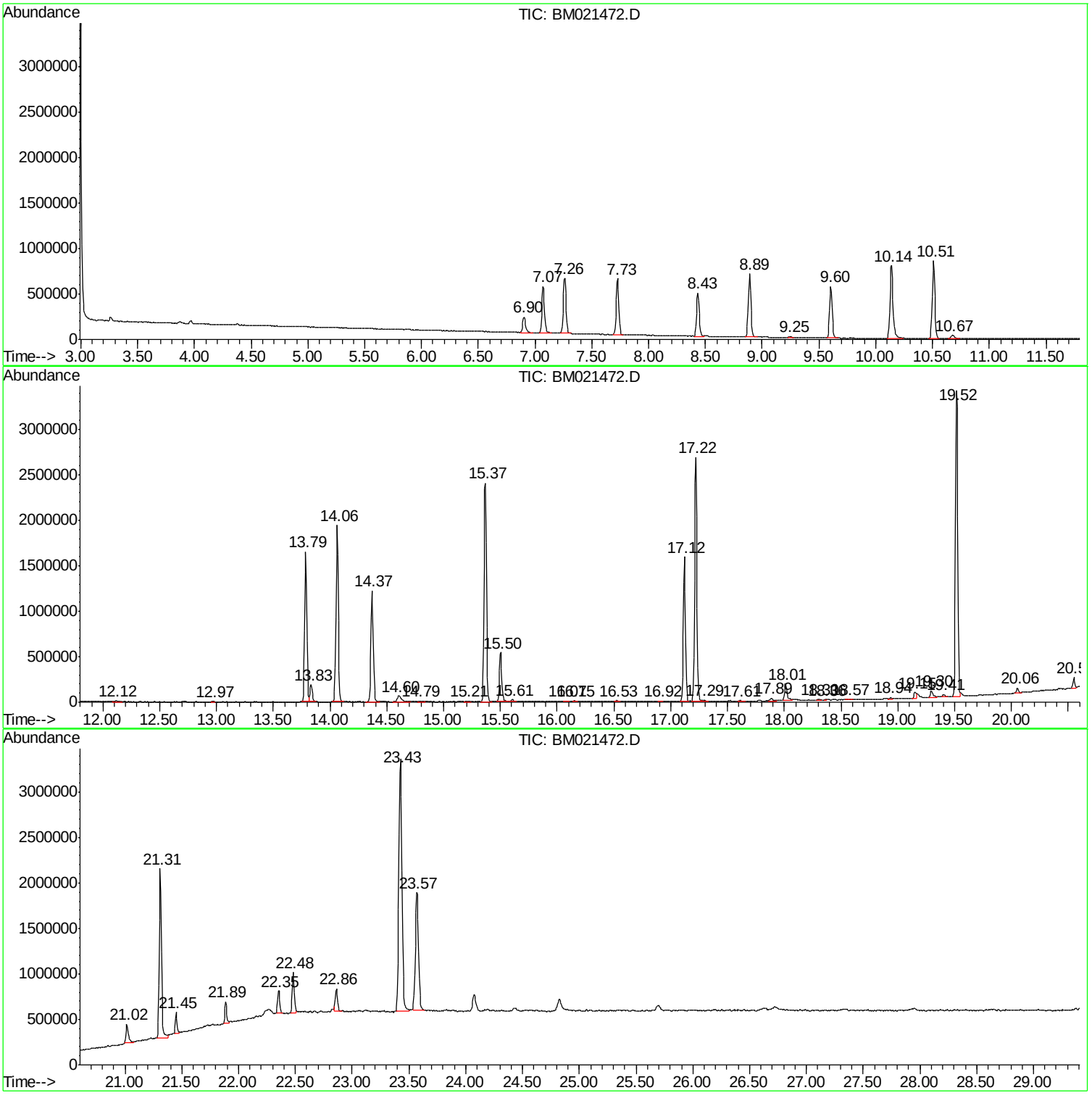
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
Data File : BM021472.D
Acq On : 16 Jul 2019 17:59
Operator : HP/JU
Sample : K3772-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52N0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.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\BM071619\
Data File : BM021472.D
Acq On : 16 Jul 2019 17:59
Operator : HP/JU
Sample : K3772-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52N0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

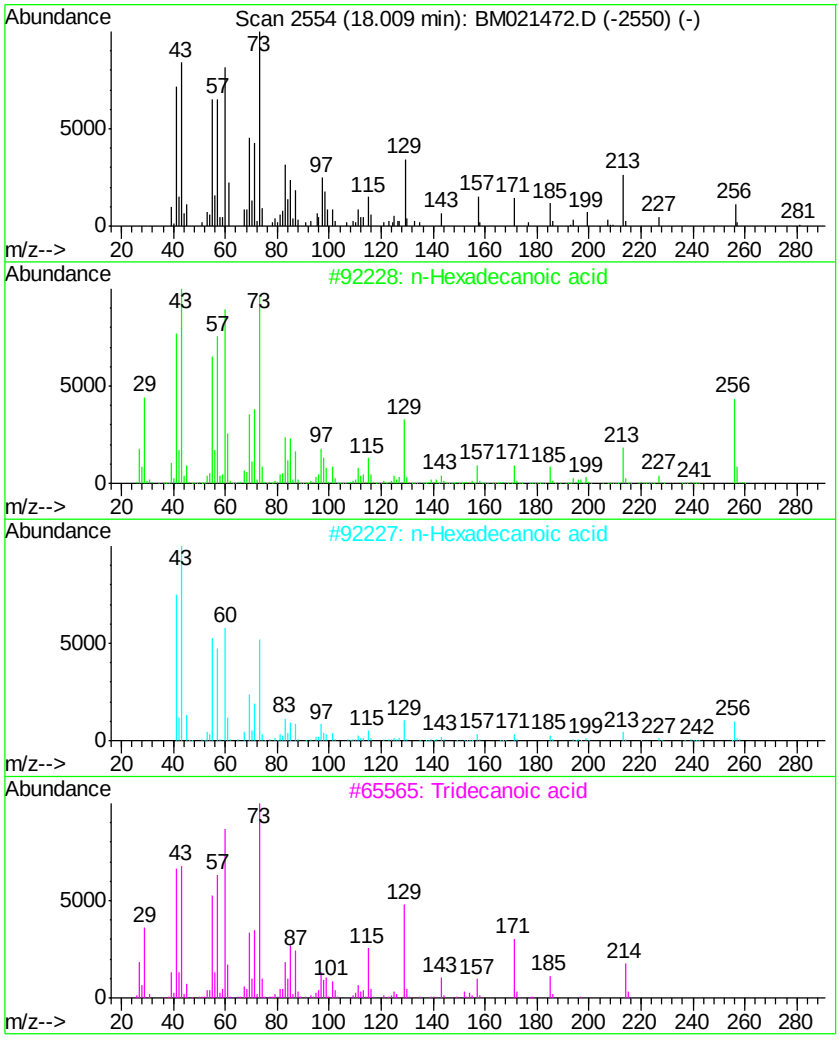
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

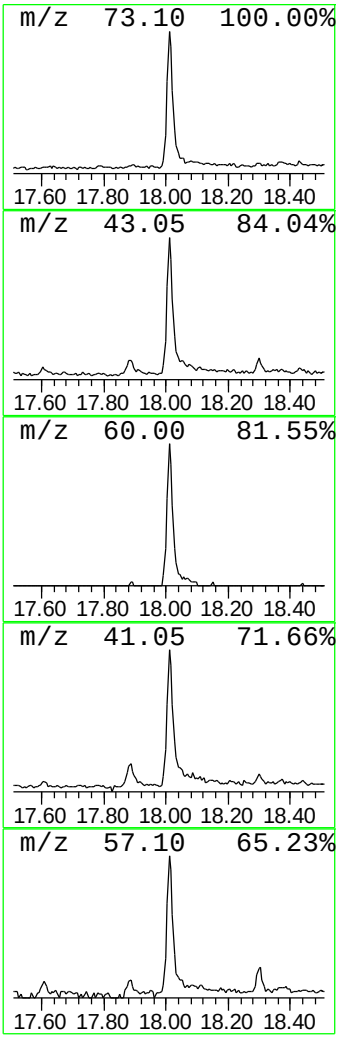
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	2.73 ng/ul	292520	Phenanthrene-d10	17.12

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	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
Data File : BM021472.D
Acq On : 16 Jul 2019 17:59
Operator : HP/JU
Sample : K3772-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52N0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

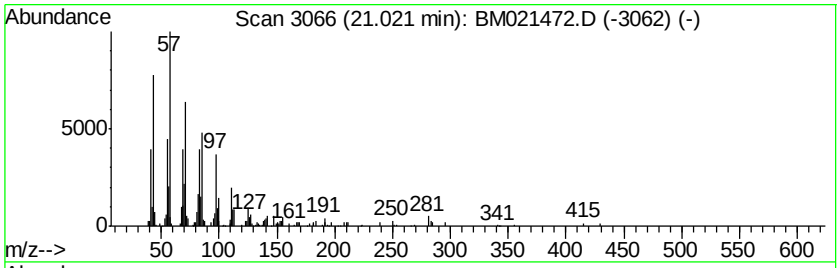
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

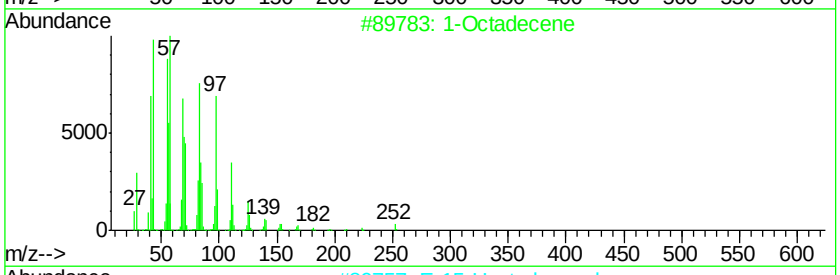
****

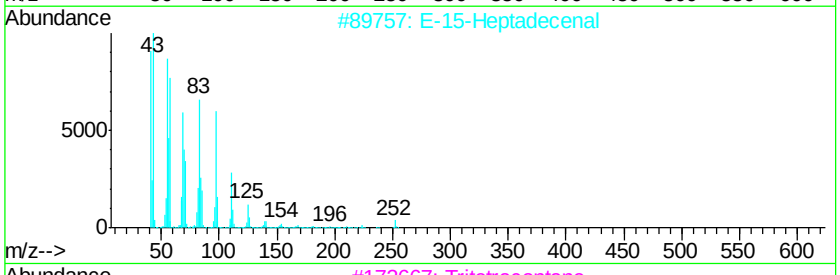
Peak Number 2 (DEL) Alkane: Cyclic21.02 Concentration Rank 5

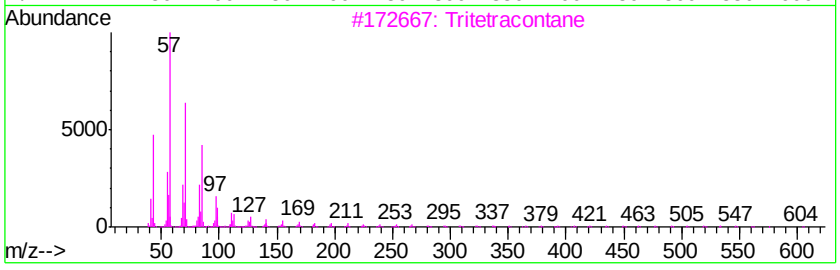
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	2.27 ng/ul	292955	Chrysene-d12	21.31

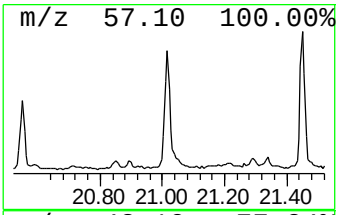
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	95
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	94
3	Tritetracontane	605	C43H88	007098-21-7	91
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	91
5	Tetratetracontane	619	C44H90	007098-22-8	87

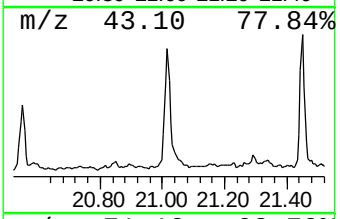


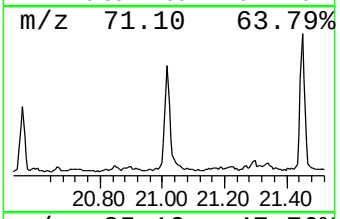


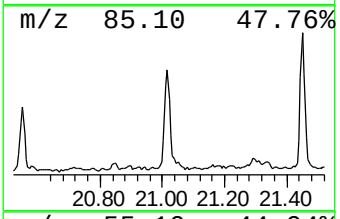


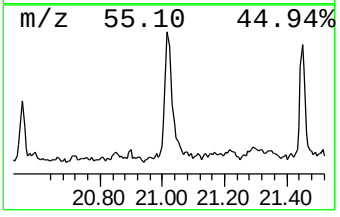












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
Data File : BM021472.D
Acq On : 16 Jul 2019 17:59
Operator : HP/JU
Sample : K3772-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52N0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

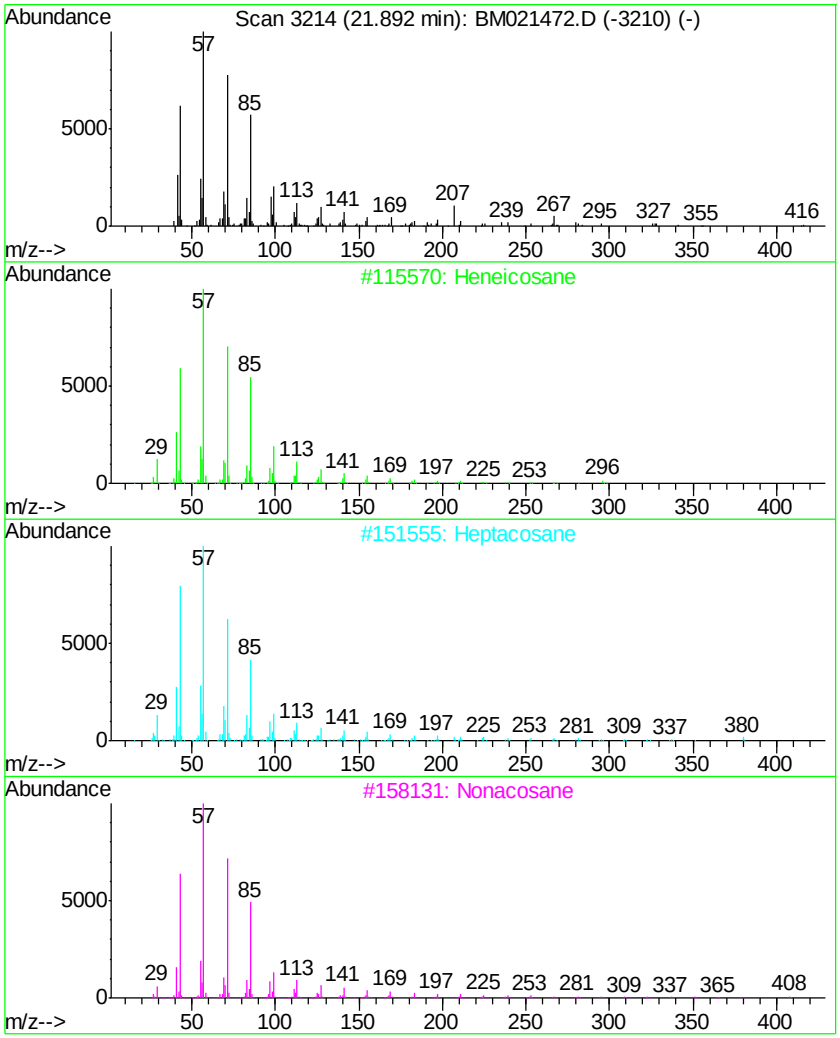
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

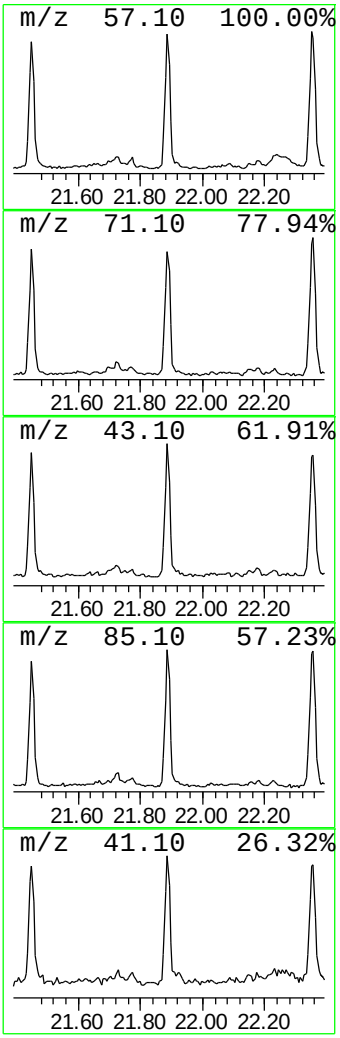
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	2.11 ng/ul	272718	Chrysene-d12	21.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Heptacosane	380	C27H56	000593-49-7	90
3	Nonacosane	408	C29H60	000630-03-5	90
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
5	Octadecane	254	C18H38	000593-45-3	87





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Misc :
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Instrument : BNA_M
ClientSampleId : A52N0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

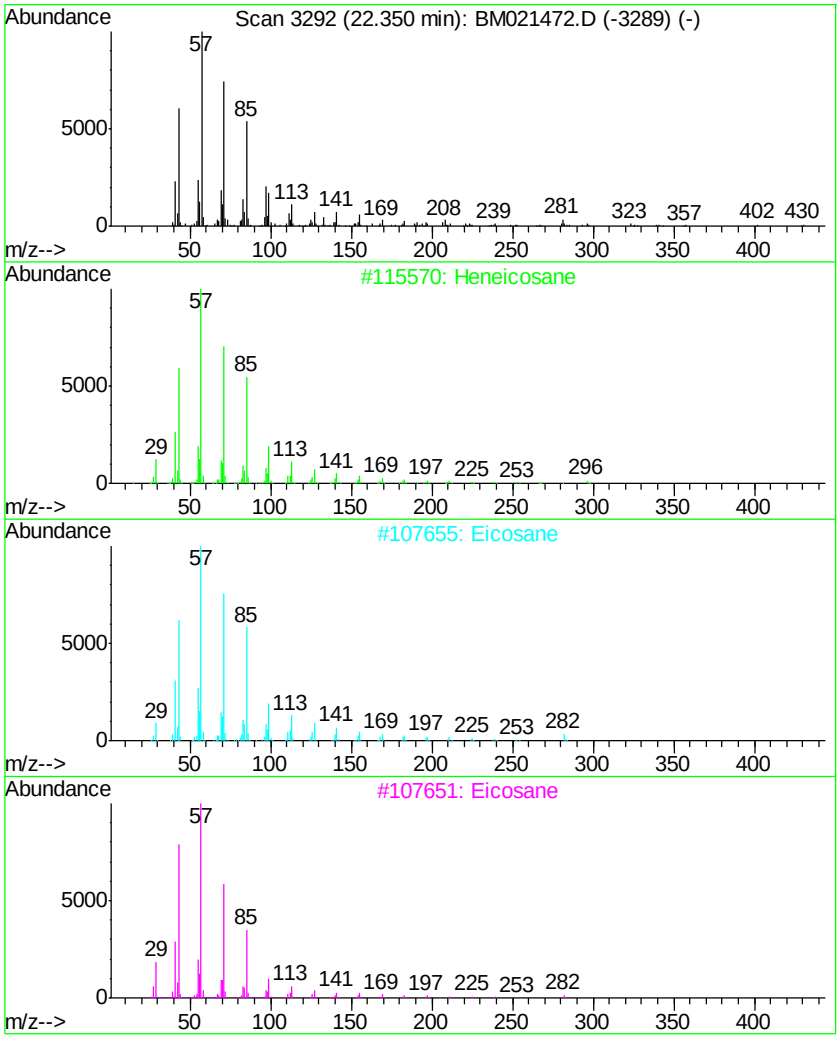
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

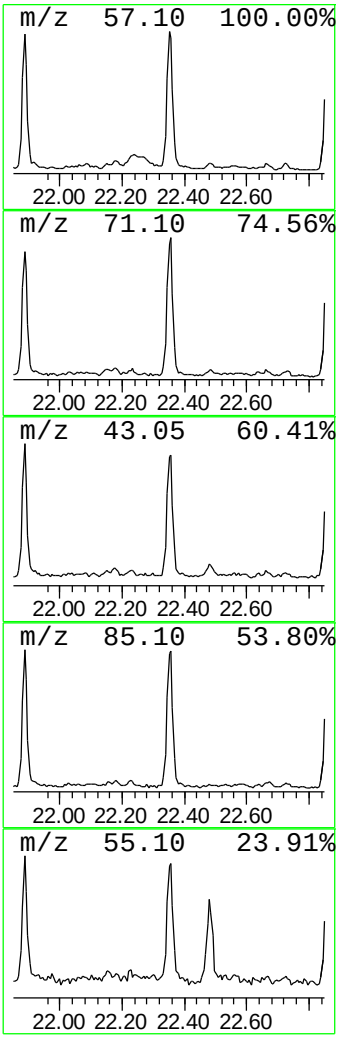
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.35	2.49 ng/ul	321442	Chrysene-d12	21.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Eicosane	282	C20H42	000112-95-8	91
3	Eicosane	282	C20H42	000112-95-8	89
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
Data File : BM021472.D
Acq On : 16 Jul 2019 17:59
Operator : HP/JU
Sample : K3772-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52N0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

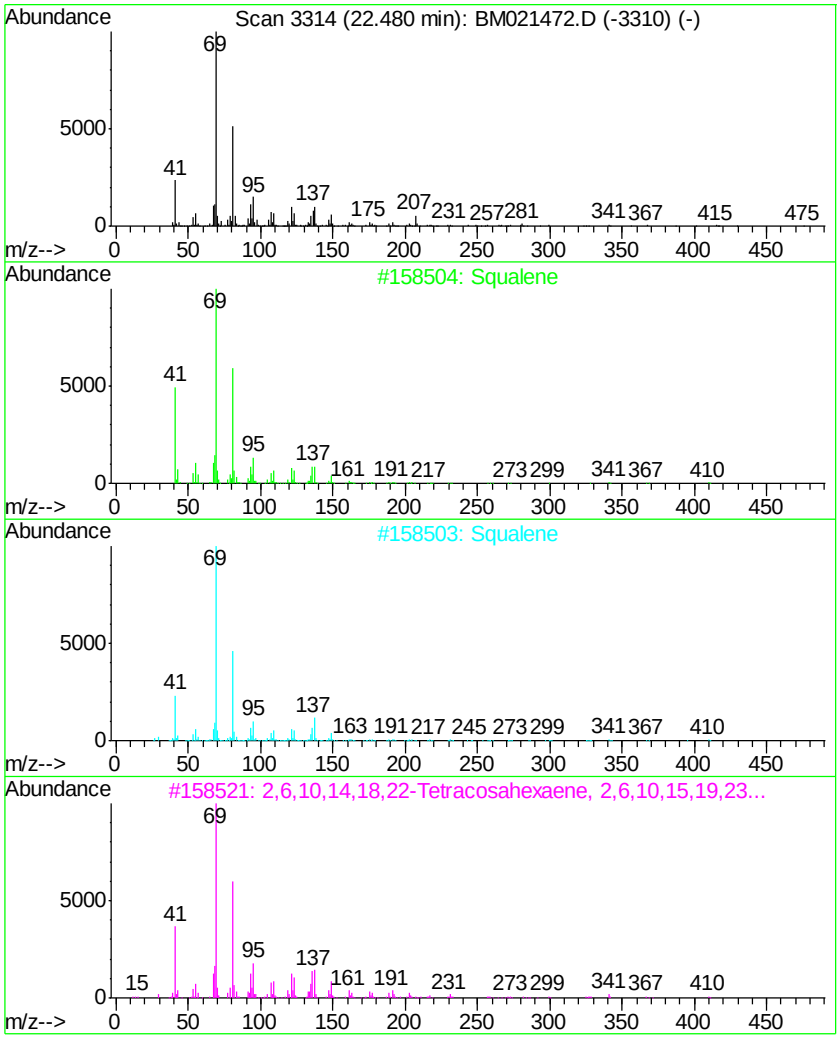
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

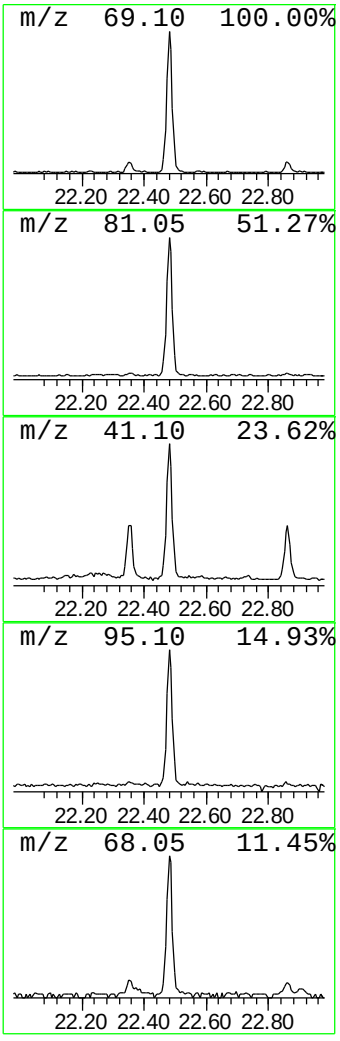
****

Peak Number 5 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	4.59 ng/ul	588092	Perylene-d12	23.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	87
2	Squalene	410	C30H50	007683-64-9	83
3	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	83
4	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	80
5	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	59





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Data File : BM021472.D
Acq On : 16 Jul 2019 17:59
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Sample : K3772-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52N0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

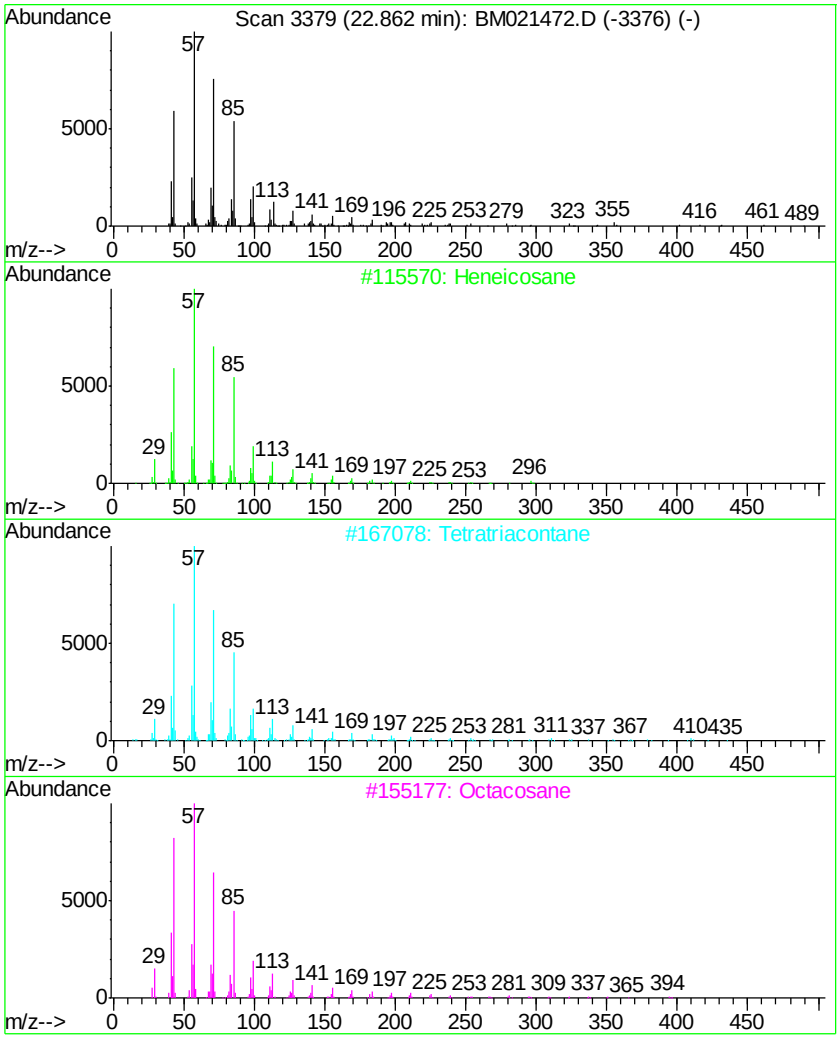
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

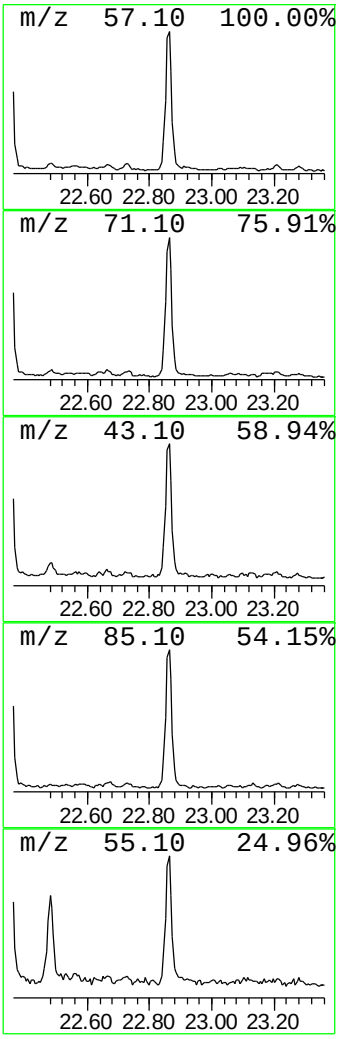
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	2.55 ng/ul	326708	Perylene-d12	23.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Tetratriacontane	479	C34H70	014167-59-0	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071619\
Data File : BM021472.D
Acq On : 16 Jul 2019 17:59
Operator : HP/JU
Sample : K3772-06
Misc :
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Instrument : BNA_M
ClientSampleId : A52N0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.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	18.01	2.7	ng/ul	292520	4	17.12	2141910	20.0
(DEL) Alkane: Cyc...	21.02	2.3	ng/ul	292955	5	21.31	2579230	20.0
(DEL) Alkane: Str...	21.89	2.1	ng/ul	272718	5	21.31	2579230	20.0
(DEL) Alkane: Str...	22.35	2.5	ng/ul	321442	5	21.31	2579230	20.0
Squalene	22.48	4.6	ng/ul	588092	6	23.57	2564310	20.0
(DEL) Alkane: Str...	22.86	2.5	ng/ul	326708	6	23.57	2564310	20.0