LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022302.D
Acq On : 24 Aug 2019 20:06
Operator : HP/JU
Sample : K4373-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC2

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-BM082219MA.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	3.134	22	25	29	rBV	5538	6482	0.41%	0.050%
2	3.723	119	125	132	rVB2	3953	6028	0.39%	0.046%
3	4.211	206	208	213	rVB	2177	2298	0.15%	0.018%
4	6.634	614	620	624	rBV	1501	2258	0.14%	0.017%
5	6.752	636	640	654	rVB2	25361	51755	3.31%	0.399%
6	6.911	661	667	676	rBV	100590	165467	10.57%	1.274%
7	7.093	691	698	708	rBV	126306	213214	13.62%	1.642%
8	7.552	770	776	786	rBB	143238	226233	14.45%	1.742%
9	8.275	893	899	910	rVB2	91829	156579	10.00%	1.206%
10	8.722	969	975	985	rBV	162307	269547	17.22%	2.076%
11	9.040	1024	1029	1035	rBV	1837	2346	0.15%	0.018%
12	9.434	1090	1096	1110	rVB	149195	249009	15.91%	1.918%
13	9.969	1181	1187	1204	rBV	160603	349193	22.31%	2.689%
14	10.328	1241	1248	1254	rBV	211663	348018	22.23%	2.680%
15	10.375	1254	1256	1261	rVB	2974	3802	0.24%	0.029%
16	10.522	1277	1281	1291	rBV2	3714	8043	0.51%	0.062%
17	11.945	1520	1523	1528	rVB2	2043	3203	0.20%	0.025%
18	13.087	1713	1717	1722	rBV2	14312	20241	1.29%	0.156%
19	13.634	1804	1810	1815	rBV	486586	658970	42.10%	5.075%
20	13.681	1815	1818	1826	rVB	62078	90073	5.75%	0.694%
21	13.898	1849	1855	1865	rBV	530385	764389	48.83%	5.887%
22	14.210	1901	1908	1915	rVB	356819	510804	32.63%	3.934%
23	14.510	1955	1959	1968	rBV3	8754	22790	1.46%	0.176%
24	14.592	1971	1973	1976	rVB2	1760	1618	0.10%	0.012%
25	15.216	2072	2079	2090	rBV	657978	968207	61.85%	7.457%
26	15.381	2101	2107	2116	rBV	173652	257179	16.43%	1.981%
27	15.457	2116	2120	2124	rVB2	5411	5932	0.38%	0.046%
28	16.045	2214	2220	2230	rVB	76613	108835	6.95%	0.838%
29	16.969	2372	2377	2383	rBV2	470129	661449	42.26%	5.094%
30	17.075	2388	2395	2404	rBV	826740	1159334	74.06%	8.929%
31	17.357	2440	2443	2449	rBV3	4467	7004	0.45%	0.054%
32	17.451	2457	2459	2464	rVB2	1708	2083	0.13%	0.016%
33	17.827	2520	2523	2525	rBV2	1199	1572	0.10%	0.012%
34	17.869	2525	2530	2538	rVV	82616	113435	7.25%	0.874%

LSC Area Percent Report

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Acq On : 24 Aug 2019 20:06
Operator : HP/JU
Sample : K4373-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC2

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-BM082219MA.M
Title : SVOA CALIBRATION

35	18.145	2572	2577	2581	rBV2	4484	6266	0.40%	0.048%
36	18.733	2671	2677	2683	rBV2	30936	46893	3.00%	0.361%
37	18.786	2683	2686	2689	rVB3	7062	8353	0.53%	0.064%
38	18.933	2708	2711	2713	rBV2	1944	1796	0.11%	0.014%
39	19.010	2720	2724	2727	rBV2	22019	29288	1.87%	0.226%
40	19.157	2743	2749	2755	rBV2	56907	77226	4.93%	0.595%
41	19.263	2763	2767	2771	rVB	6696	7899	0.50%	0.061%
42	19.316	2774	2776	2778	rBV3	2615	1988	0.13%	0.015%
43	19.380	2781	2787	2792	rBV	1242641	1565322	100.00%	12.056%
44	19.504	2805	2808	2810	rBV3	3998	3243	0.21%	0.025%
45	19.910	2872	2877	2880	rBV	32721	39627	2.53%	0.305%
46	20.410	2959	2962	2966	rBV	51905	51792	3.31%	0.399%
47	20.527	2980	2982	2983	rBV2	6391	4886	0.31%	0.038%
48	20.880	3038	3042	3047	rBV2	116399	153473	9.80%	1.182%
49	21.180	3088	3093	3103	rBV	698486	873829	55.82%	6.730%
50	21.315	3112	3116	3119	rBV	95960	99067	6.33%	0.763%
51	21.739	3184	3188	3192	rBV	102222	113100	7.23%	0.871%
52	22.186	3261	3264	3271	rVB	113023	133148	8.51%	1.025%
53	22.674	3343	3347	3351	rVB	106408	135153	8.63%	1.041%
54	23.233	3435	3442	3451	rVB	707743	1389498	88.77%	10.701%
55	23.374	3460	3466	3477	rVB	383294	697168	44.54%	5.369%
56	23.833	3540	3544	3550	rVB	78050	127850	8.17%	0.985%

Sum of corrected areas: 12984255

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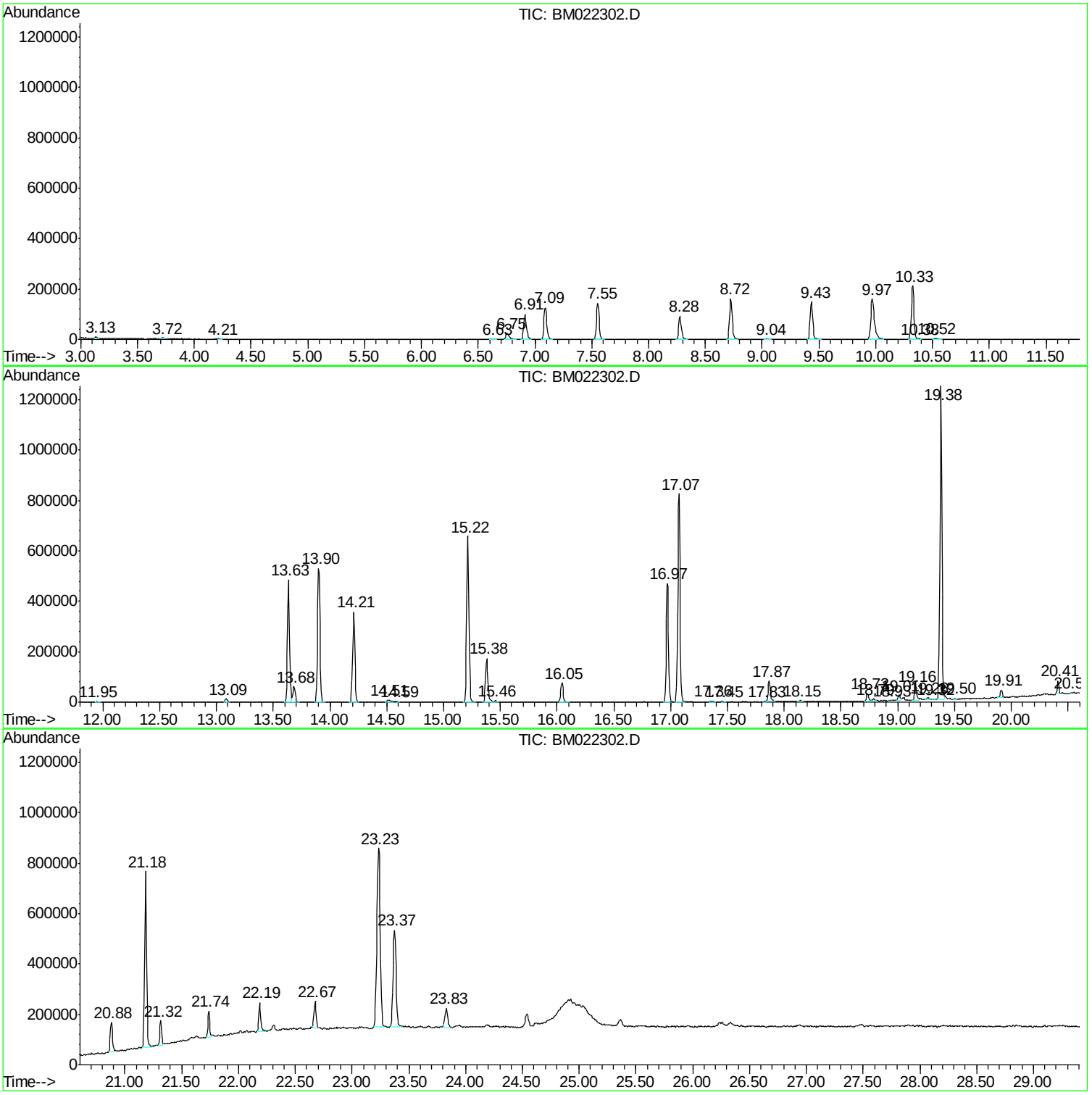
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.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\BM082319\
Data File : BM022302.D
Acq On : 24 Aug 2019 20:06
Operator : HP/JU
Sample : K4373-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

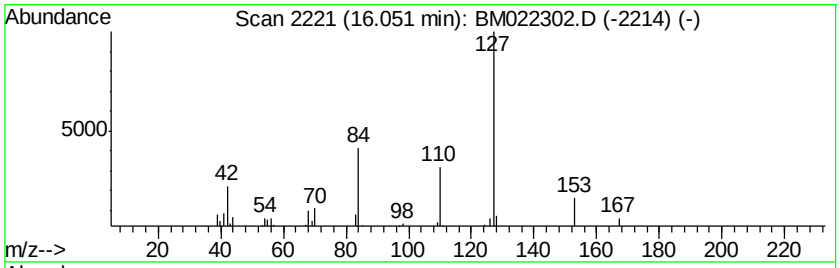
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

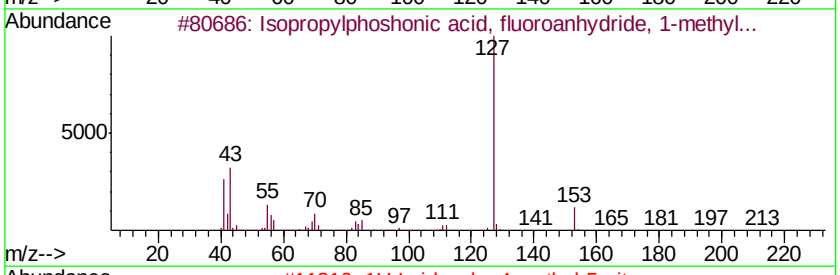
****

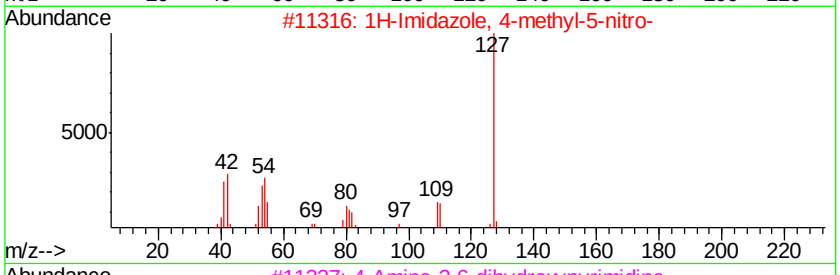
Peak Number 1 Isopropylphoshonic acid, fl... Concentration Rank 5

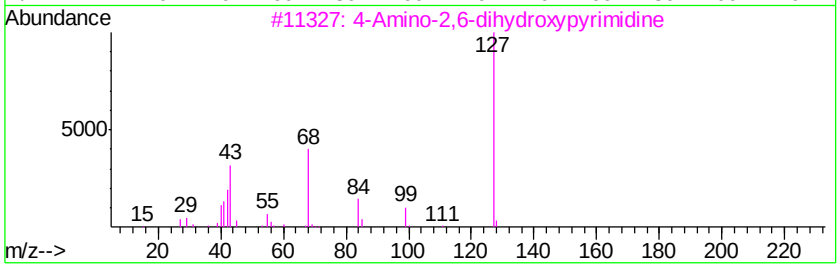
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	3.29 ng/ul	108835	Phenanthrene-d10	16.97

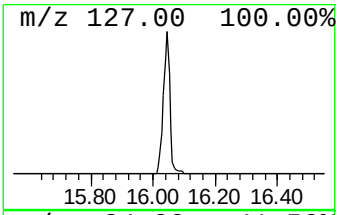
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylphoshonic acid, fluoroa...	238	C11H24FO2P	1000273-54-8	53
2	1H-Imidazole, 4-methyl-5-nitro-	127	C4H5N3O2	014003-66-8	49
3	4-Amino-2,6-dihydroxypyrimidine	127	C4H5N3O2	000873-83-6	47
4	1-Methyl-3-nitropyrazole	127	C4H5N3O2	054210-32-1	46
5	Pyrazole, 1-methyl-4-nitro-	127	C4H5N3O2	003994-50-1	43

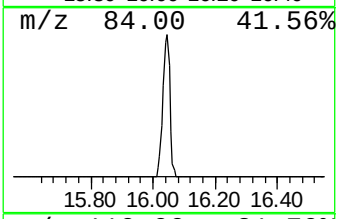


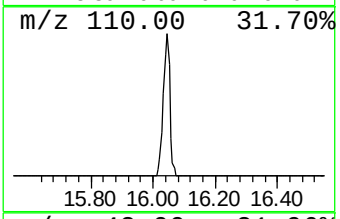


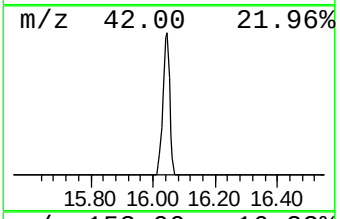


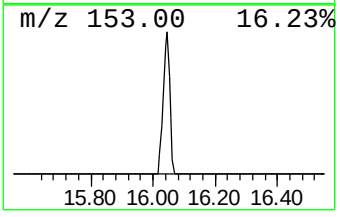












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022302.D
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Operator : HP/JU
Sample : K4373-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

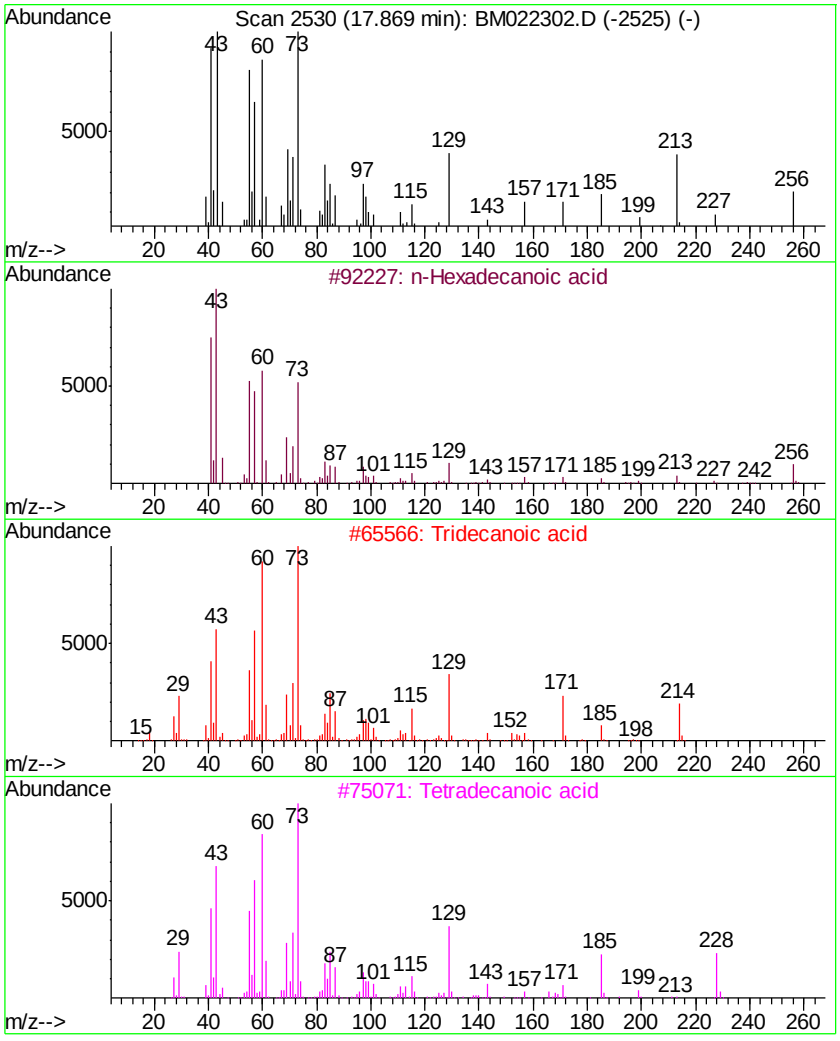
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

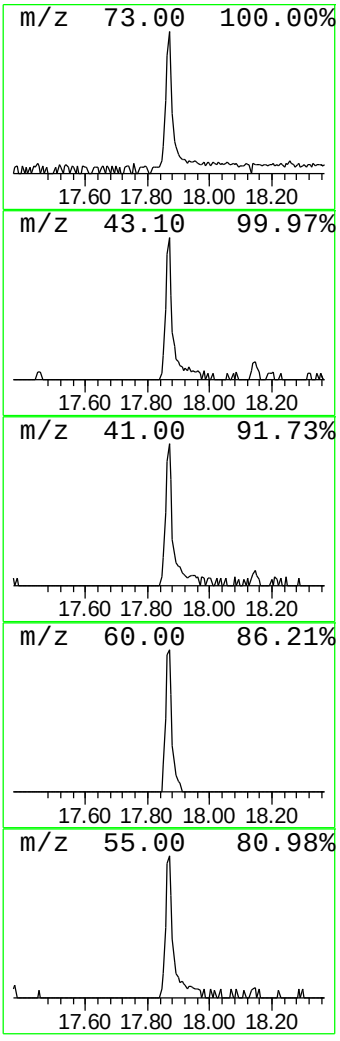
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	3.43 ng/ul	113435	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
5	Tridecanoic acid	214	C13H26O2	000638-53-9	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
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Instrument : BNA_M
ClientSampleId : C0AC2

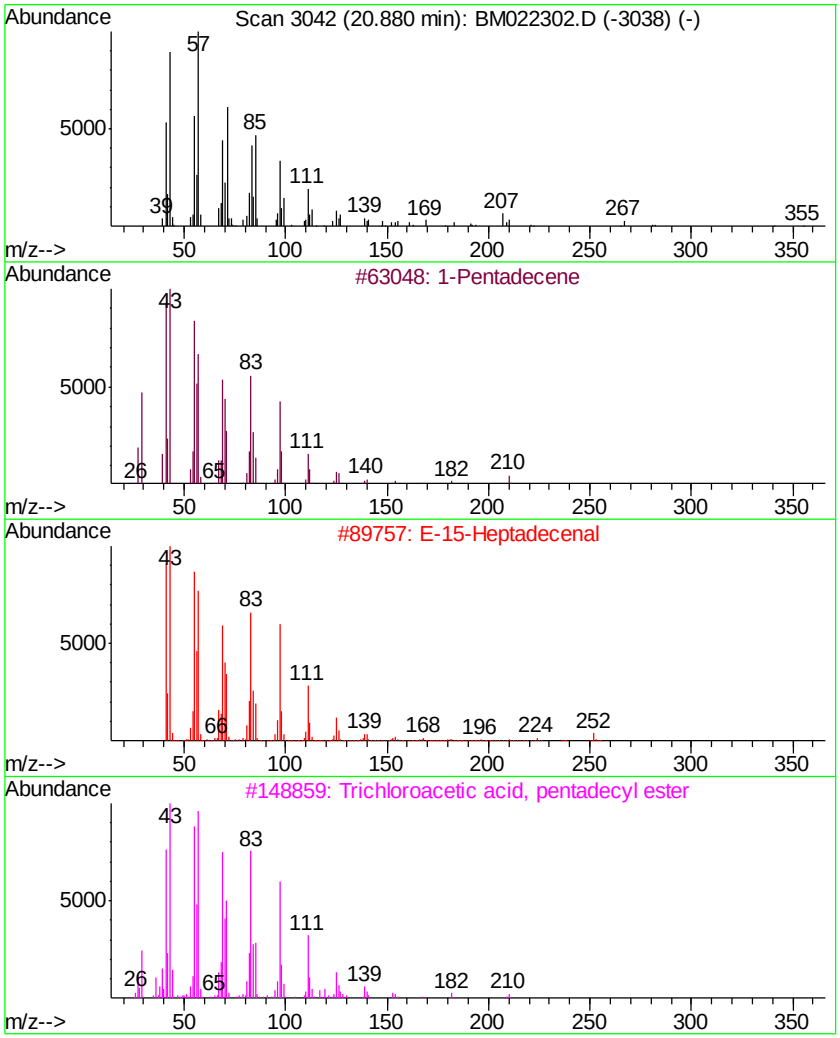
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

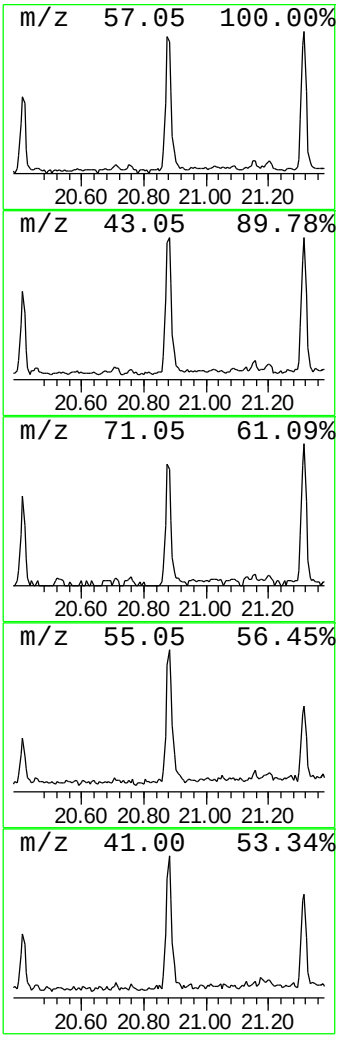
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic20.88 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	3.51 ng/ul	153473	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecene	210	C15H30	013360-61-7	87
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	70
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	70
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	70
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	70





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Data File : BM022302.D
Acq On : 24 Aug 2019 20:06
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Sample : K4373-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

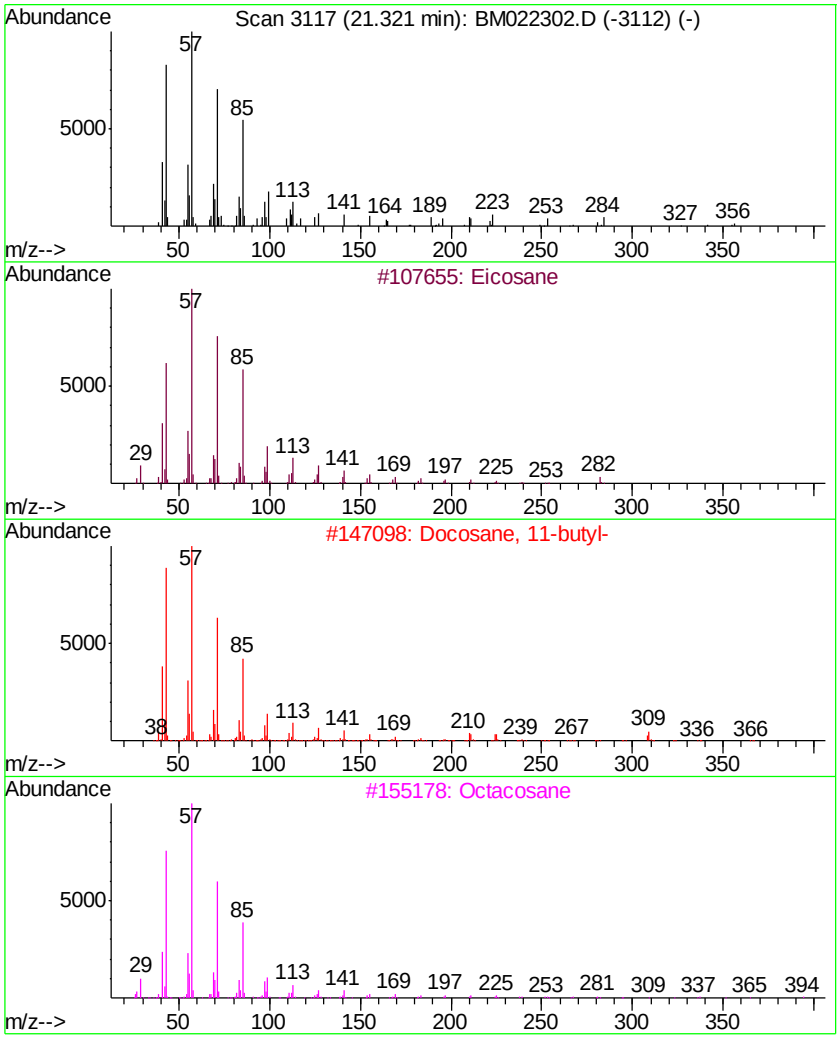
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

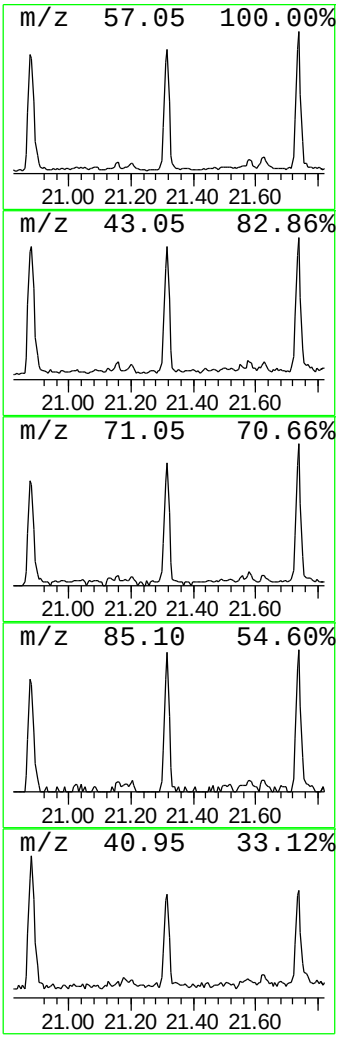
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	2.27 ng/ul	99067	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
3	Octacosane	394	C28H58	000630-02-4	87
4	Nonacosane	408	C29H60	000630-03-5	87
5	Docosane, 9-butyl-	366	C26H54	055282-14-9	87





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Acq On : 24 Aug 2019 20:06
Operator : HP/JU
Sample : K4373-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

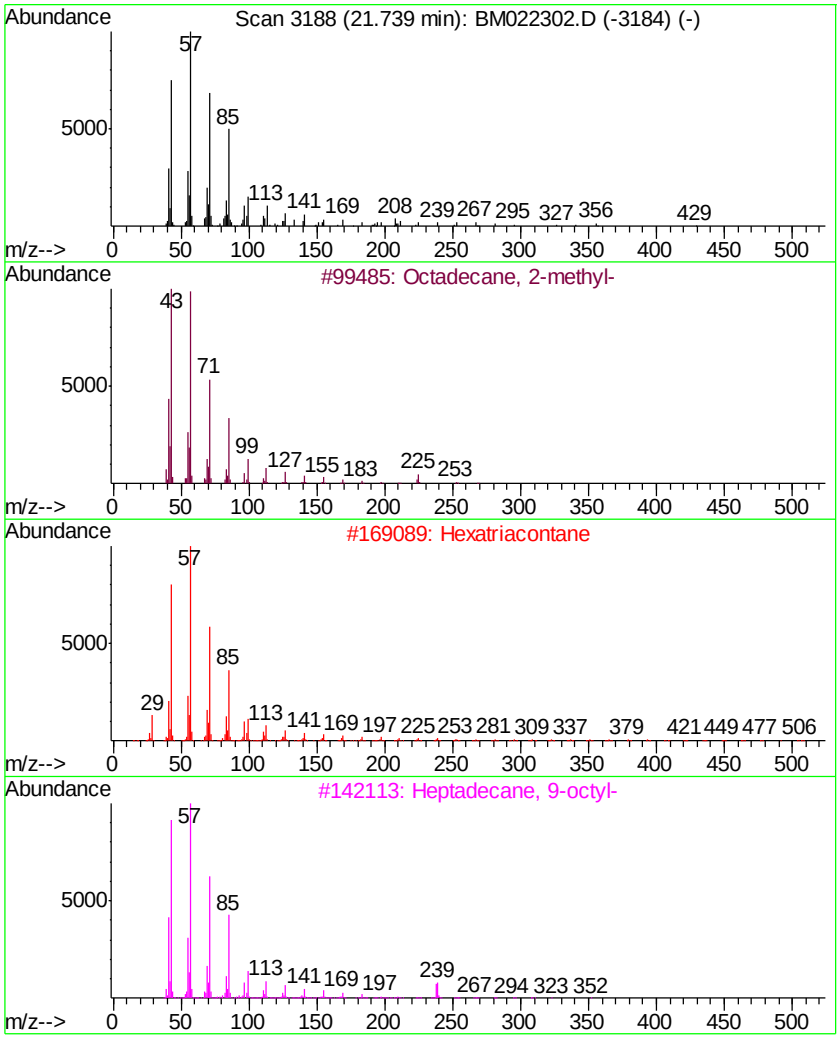
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

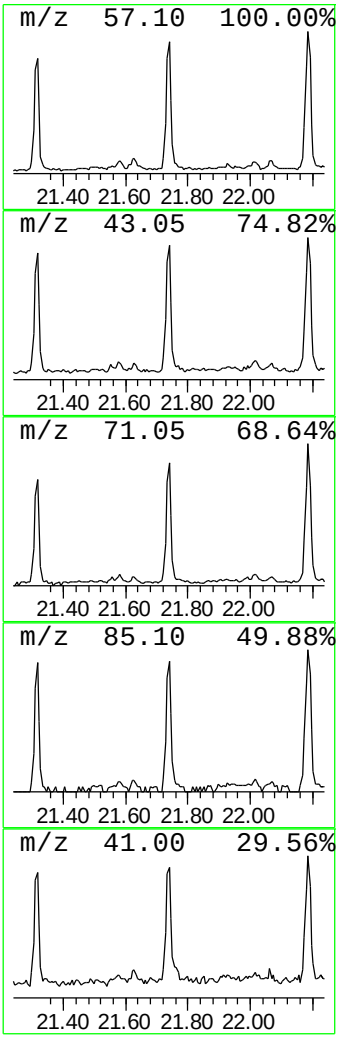
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	2.59 ng/ul	113100	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2	Hexatriacontane	507	C36H74	000630-06-8	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	Docosane, 9-butyl-	366	C26H54	055282-14-9	90
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	90





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Instrument : BNA_M
ClientSampleId : C0AC2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

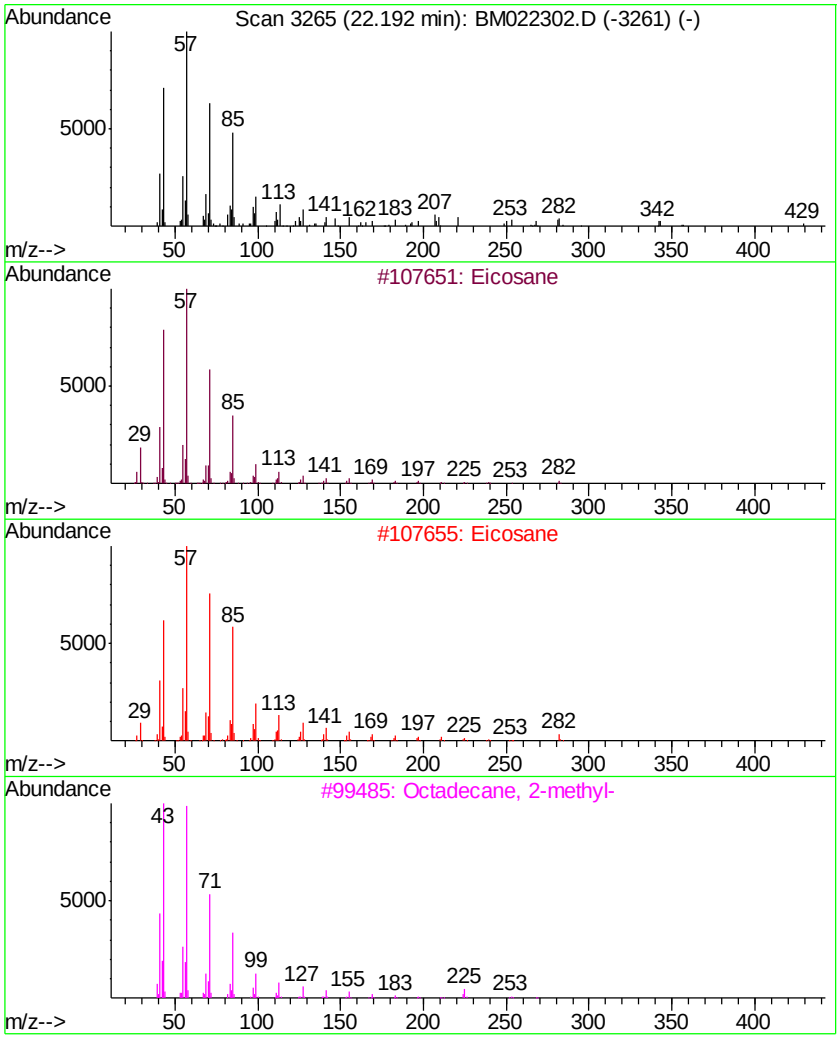
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

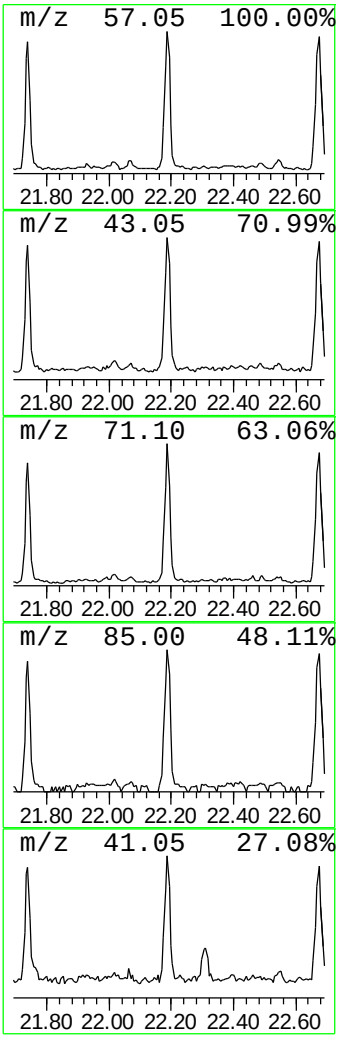
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	3.05 ng/ul	133148	Chrysene-d12	21.18

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022302.D
Acq On : 24 Aug 2019 20:06
Operator : HP/JU
Sample : K4373-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

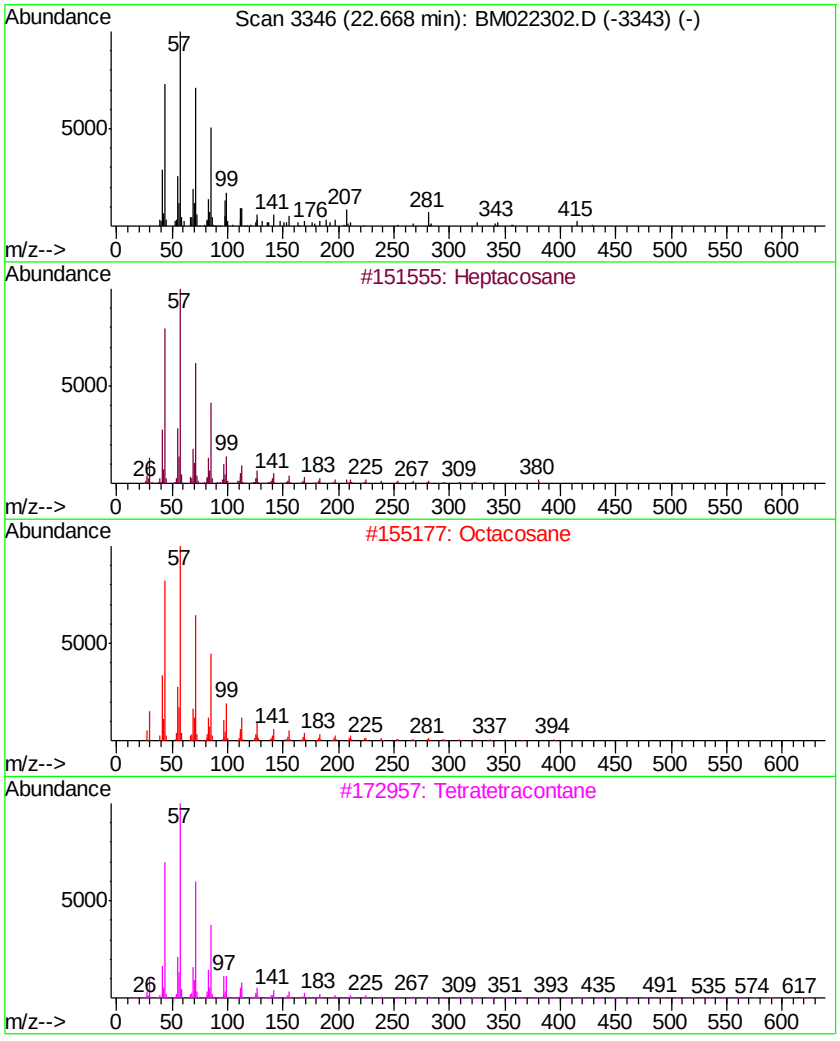
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

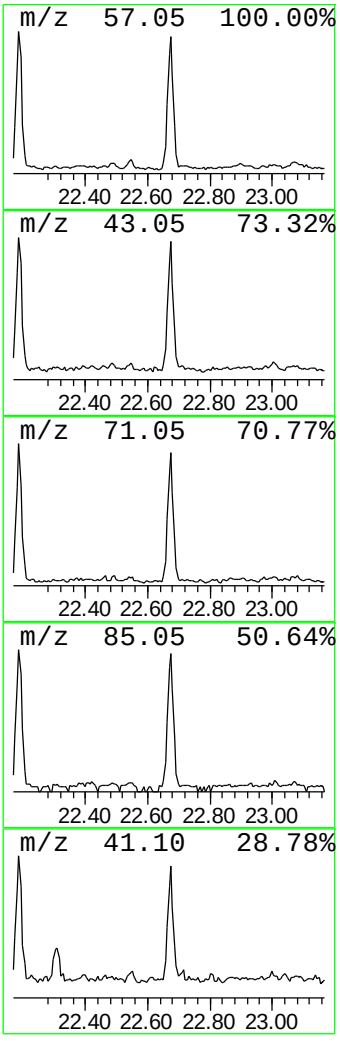
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	3.88 ng/ul	135153	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Octacosane	394	C28H58	000630-02-4	87
3	Tetratetracontane	619	C44H90	007098-22-8	87
4	Octadecane	254	C18H38	000593-45-3	87
5	Octacosane	394	C28H58	000630-02-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022302.D
Acq On : 24 Aug 2019 20:06
Operator : HP/JU
Sample : K4373-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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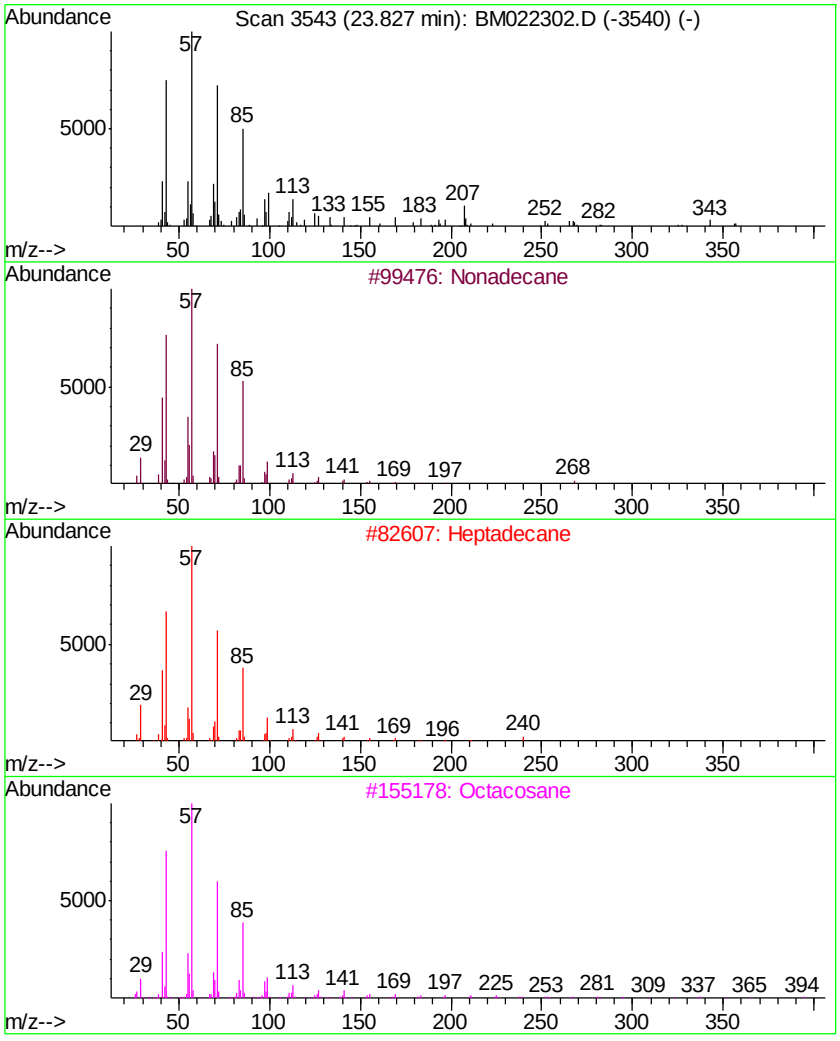
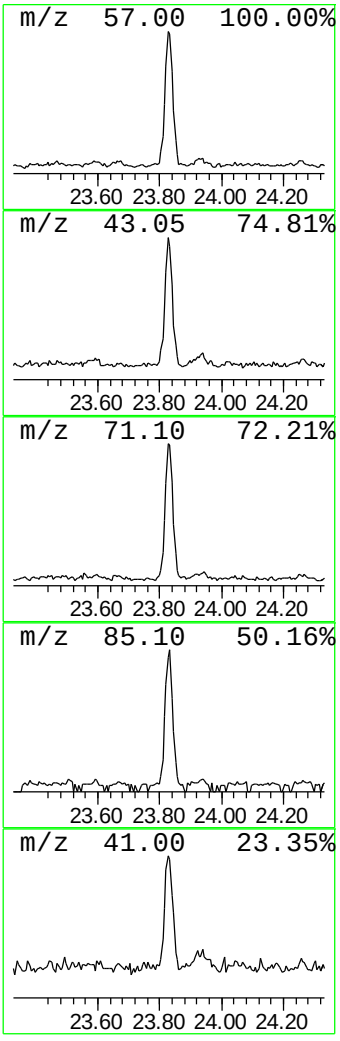
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.83	3.67 ng/ul	127850	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Heptadecane	240	C17H36	000629-78-7	72
3	Octacosane	394	C28H58	000630-02-4	72
4	Heneicosane	296	C21H44	000629-94-7	72
5	Eicosane	282	C20H42	000112-95-8	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\
Data File : BM022302.D
Acq On : 24 Aug 2019 20:06
Operator : HP/JU
Sample : K4373-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.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
Isopropylphoshoni...	16.05	3.3	ng/ul	108835	4	16.97	661449	20.0
n-Hexadecanoic acid	17.87	3.4	ng/ul	113435	4	16.97	661449	20.0
(DEL) Alkane: Cyc...	20.88	3.5	ng/ul	153473	5	21.18	873829	20.0
(DEL) Alkane: Str...	21.32	2.3	ng/ul	99067	5	21.18	873829	20.0
(DEL) Alkane: Str...	21.74	2.6	ng/ul	113100	5	21.18	873829	20.0
(DEL) Alkane: Str...	22.19	3.0	ng/ul	133148	5	21.18	873829	20.0
(DEL) Alkane: Str...	22.67	3.9	ng/ul	135153	6	23.37	697168	20.0
(DEL) Alkane: Str...	23.83	3.7	ng/ul	127850	6	23.37	697168	20.0