LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023772.D
Acq On : 16 Nov 2019 02:37
Operator : JU
Sample : K5699-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F2J08

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-BM111119MA.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	3.063	27	30	40	rVB	83112	119985	1.99%	0.175%
2	3.769	147	150	155	rVB2	16929	24313	0.40%	0.036%
3	4.934	345	348	352	rBV6	3985	6968	0.12%	0.010%
4	6.222	563	567	572	rBV6	11878	24514	0.41%	0.036%
5	6.581	626	628	636	rVB8	5237	8285	0.14%	0.012%
6	6.716	645	651	653	rBV	192928	318716	5.28%	0.466%
7	6.869	671	677	688	rBV	661631	1081403	17.93%	1.580%
8	7.063	703	710	723	rBV	715520	1179578	19.56%	1.724%
9	7.381	760	764	769	rBV6	4196	7151	0.12%	0.010%
10	7.522	781	788	798	rBV	1094687	1712426	28.39%	2.502%
11	7.610	798	803	807	rVB6	7226	12070	0.20%	0.018%
12	8.239	903	910	920	rBV	563772	918831	15.24%	1.343%
13	8.675	974	984	993	rBV	789006	1339749	22.22%	1.958%
14	9.127	1056	1061	1066	rVB2	24414	38038	0.63%	0.056%
15	9.239	1076	1080	1084	rBV7	3590	6980	0.12%	0.010%
16	9.392	1098	1106	1117	rBV	642026	1086341	18.01%	1.587%
17	9.827	1174	1180	1186	rBV3	19200	39232	0.65%	0.057%
18	9.927	1191	1197	1215	rBV	1006644	1740976	28.87%	2.544%
19	10.298	1252	1260	1271	rBV	1453816	2429062	40.28%	3.549%
20	10.451	1281	1286	1294	rBV	45760	94133	1.56%	0.138%
21	11.063	1386	1390	1393	rBV6	5436	8351	0.14%	0.012%
22	11.486	1456	1462	1469	rBV8	6362	11249	0.19%	0.016%
23	11.610	1480	1483	1485	rBV3	4829	6810	0.11%	0.010%
24	11.833	1517	1521	1526	rBV6	6732	13253	0.22%	0.019%
25	11.904	1526	1533	1538	rVB3	16515	33056	0.55%	0.048%
26	12.527	1637	1639	1642	rBV2	6905	6902	0.11%	0.010%
27	12.792	1677	1684	1688	rVV6	10155	17517	0.29%	0.026%
28	13.027	1720	1724	1729	rVB8	8853	14871	0.25%	0.022%
29	13.092	1729	1735	1741	rBV4	24953	41370	0.69%	0.060%
30	13.598	1815	1821	1826	rBV	2034549	2821701	46.79%	4.123%
31	13.645	1826	1829	1837	rVB	482062	674464	11.18%	0.986%
32	13.868	1860	1867	1880	rBV	2292564	3338144	55.35%	4.878%
33	14.110	1903	1908	1913	rBV7	9068	13636	0.23%	0.020%
34	14.180	1913	1920	1931	rBV2	2241638	3318230	55.02%	4.849%

LSC Area Percent Report

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Sample : K5699-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F2J08

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-BM111119MA.M
Title : SVOA CALIBRATION

35	14.415	1952	1960	1972	rBV3	83900	211469	3.51%	0.309%
36	14.627	1993	1996	2003	rVB6	15028	21846	0.36%	0.032%
37	14.804	2023	2026	2027	rBV3	5786	6502	0.11%	0.010%
38	14.951	2047	2051	2055	rBV4	9365	14222	0.24%	0.021%
39	15.021	2057	2063	2067	rVV6	12869	26388	0.44%	0.039%
40	15.068	2067	2071	2076	rVB3	14391	20130	0.33%	0.029%
41	15.180	2083	2090	2100	rBV	3039195	4292065	71.17%	6.272%
42	15.315	2107	2113	2126	rBV	722076	1038363	17.22%	1.517%
43	15.421	2126	2131	2135	rVV2	37951	59940	0.99%	0.088%
44	15.562	2151	2155	2159	rBV6	5367	7934	0.13%	0.012%
45	15.633	2161	2167	2169	rBV6	5364	10552	0.17%	0.015%
46	15.874	2205	2208	2214	rVV8	8830	19598	0.32%	0.029%
47	15.933	2214	2218	2220	rVV5	14441	20054	0.33%	0.029%
48	15.968	2220	2224	2231	rVB9	17947	37893	0.63%	0.055%
49	16.098	2240	2246	2251	rBV8	12682	26824	0.44%	0.039%
50	16.186	2258	2261	2266	rBV5	9668	13595	0.23%	0.020%
51	16.339	2284	2287	2289	rBV4	9247	11104	0.18%	0.016%
52	16.674	2340	2344	2348	rBV7	4519	7656	0.13%	0.011%
53	16.721	2348	2352	2357	rBV3	24911	38862	0.64%	0.057%
54	16.933	2382	2388	2398	rBV	2713686	3783564	62.74%	5.529%
55	17.027	2398	2404	2415	rBV2	3336857	4735373	78.52%	6.920%
56	17.133	2420	2422	2427	rVB5	8120	8683	0.14%	0.013%
57	17.333	2451	2456	2457	rBV5	22999	28863	0.48%	0.042%
58	17.456	2474	2477	2480	rBV4	12534	13837	0.23%	0.020%
59	17.768	2528	2530	2533	rBV4	5831	6843	0.11%	0.010%
60	17.856	2540	2545	2552	rBV	391868	563761	9.35%	0.824%
61	18.150	2592	2595	2600	rVB6	23483	34921	0.58%	0.051%
62	18.286	2615	2618	2623	rBV6	20199	28955	0.48%	0.042%
63	18.797	2701	2705	2708	rBV2	41830	50571	0.84%	0.074%
64	18.968	2730	2734	2737	rBV	44627	68189	1.13%	0.100%
65	19.144	2760	2764	2770	rBV	169781	237916	3.94%	0.348%
66	19.221	2774	2777	2782	rVB2	44754	62389	1.03%	0.091%
67	19.333	2790	2796	2802	rBV	4178628	5513176	91.42%	8.056%
68	19.380	2802	2804	2807	rVV	72137	69738	1.16%	0.102%
69	19.415	2807	2810	2815	rVB6	38686	45360	0.75%	0.066%
70	19.915	2892	2895	2900	rVB	104290	116772	1.94%	0.171%
71	20.415	2977	2980	2984	rVB2	190155	196403	3.26%	0.287%

LSC Area Percent Report

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Sample : K5699-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F2J08

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-BM111119MA.M
Title : SVOA CALIBRATION

72	20.874	3054	3058	3066	rBV2	857598	1211714	20.09%	1.771%
73	21.133	3097	3102	3111	rBV	3556636	4470981	74.14%	6.533%
74	21.315	3129	3133	3138	rBV	642425	709747	11.77%	1.037%
75	21.738	3201	3205	3211	rBV	877146	1070738	17.75%	1.565%
76	22.185	3277	3281	3287	rVB	1114407	1387119	23.00%	2.027%
77	22.668	3359	3363	3369	rVB	1178757	1585800	26.29%	2.317%
78	23.150	3439	3445	3451	rBV	3392220	6030827	100.00%	8.813%
79	23.209	3451	3455	3461	rVV	1117045	1797341	29.80%	2.626%
80	23.285	3462	3468	3476	rVB	2660693	4702150	77.97%	6.871%
81	23.827	3555	3560	3568	rVB	876615	1509781	25.03%	2.206%

Sum of corrected areas: 68434814

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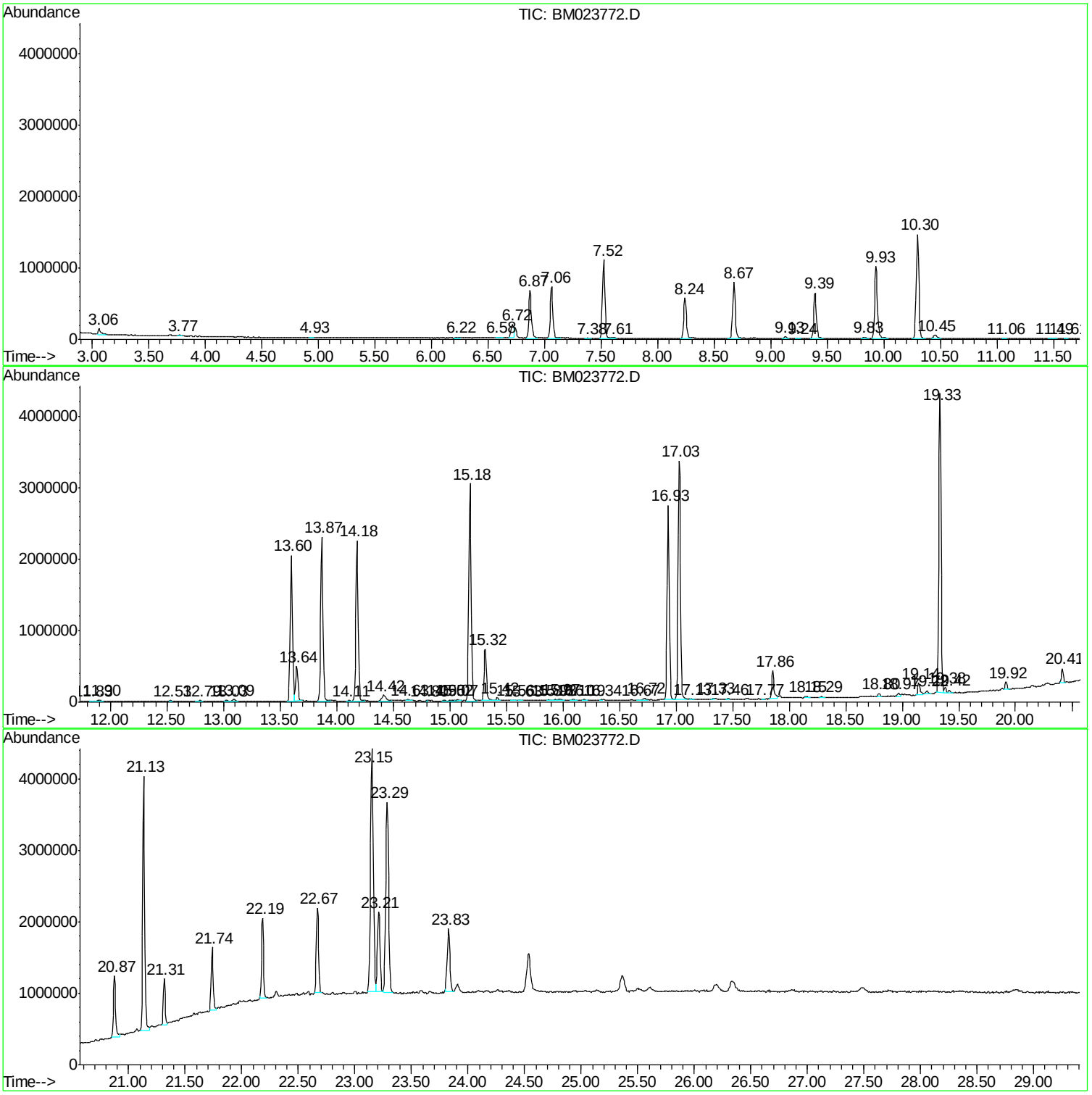
Instrument :
BNA_M
ClientSampleId :
F2J08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
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Acq On : 16 Nov 2019 02:37
Operator : JU
Sample : K5699-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F2J08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

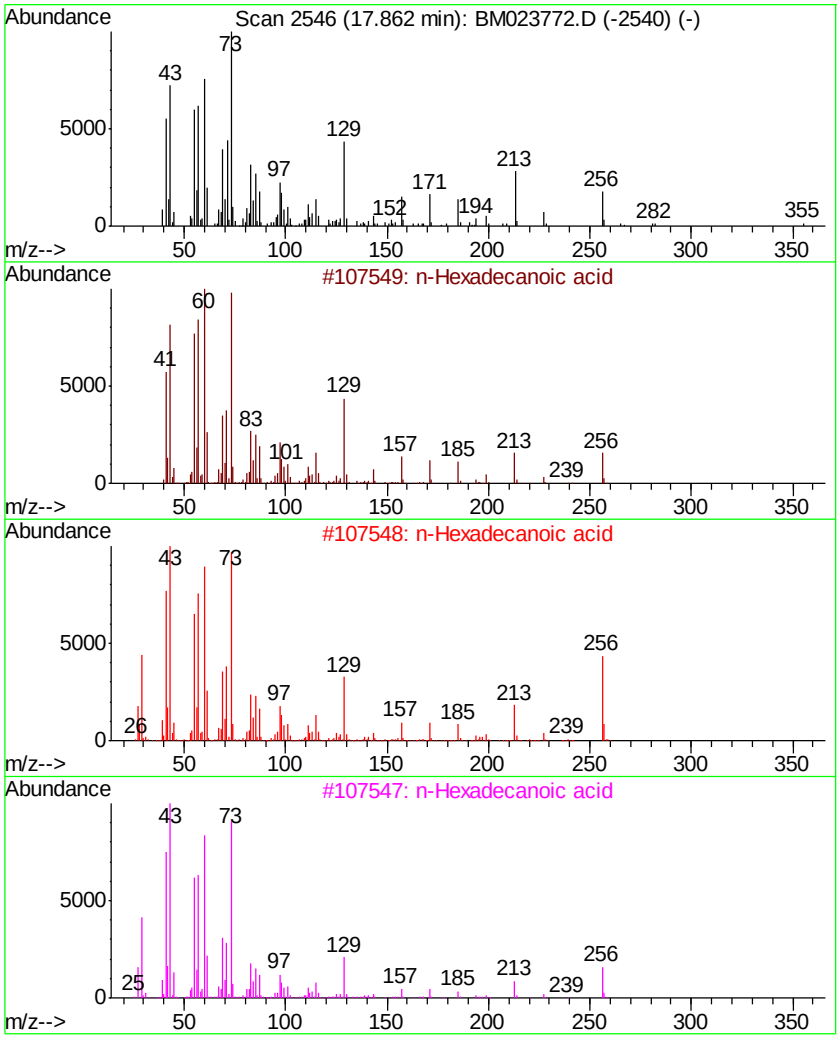
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

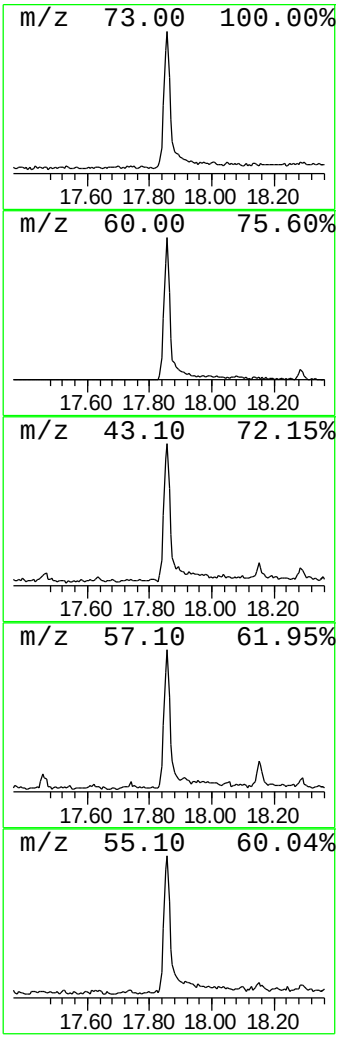
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	2.98 ng/ul	563761	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





Library Search Compound Report

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F2J08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

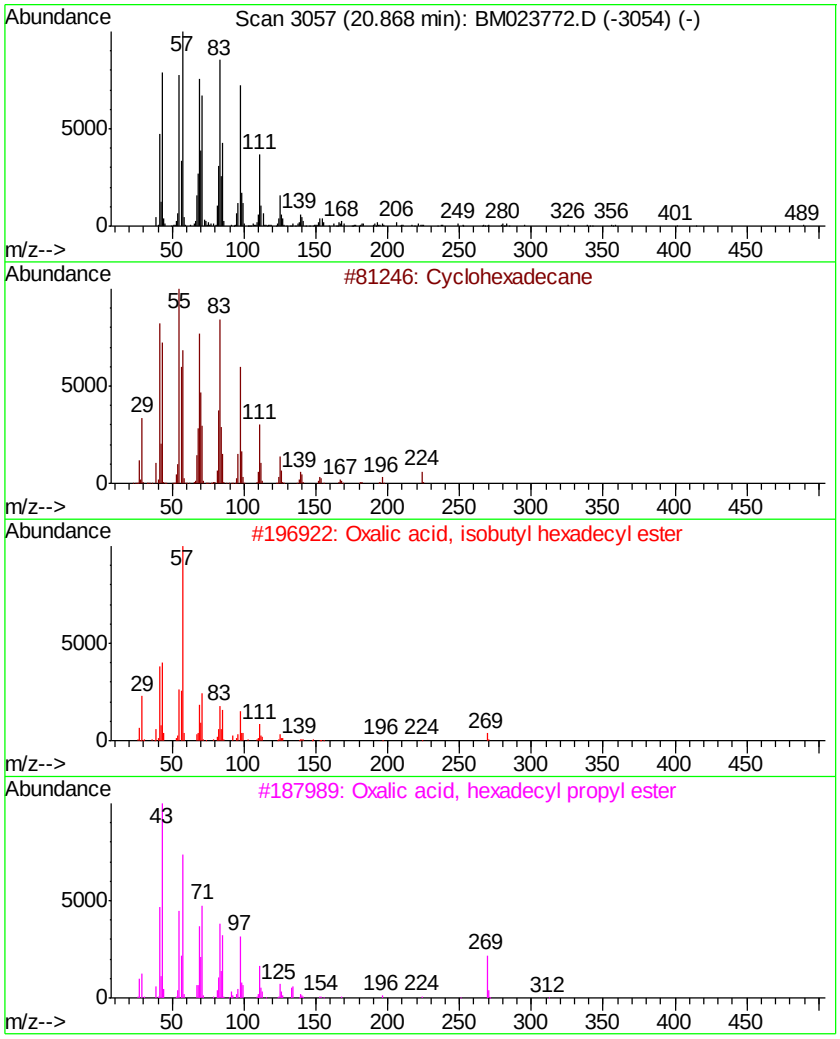
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

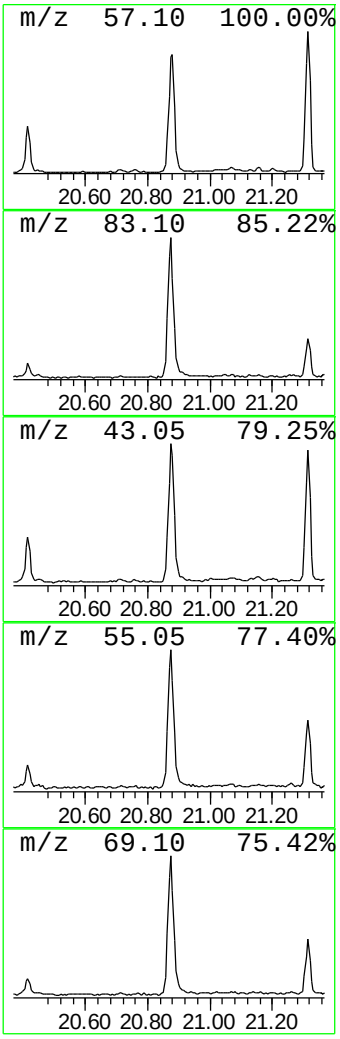
****

Peak Number 2 (DEL) Alkane: Cyclic20.87 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	5.42 ng/ul	1211710	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	91
4	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	90
5	Cyclotetradecane	196	C14H28	000295-17-0	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
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Instrument : BNA_M
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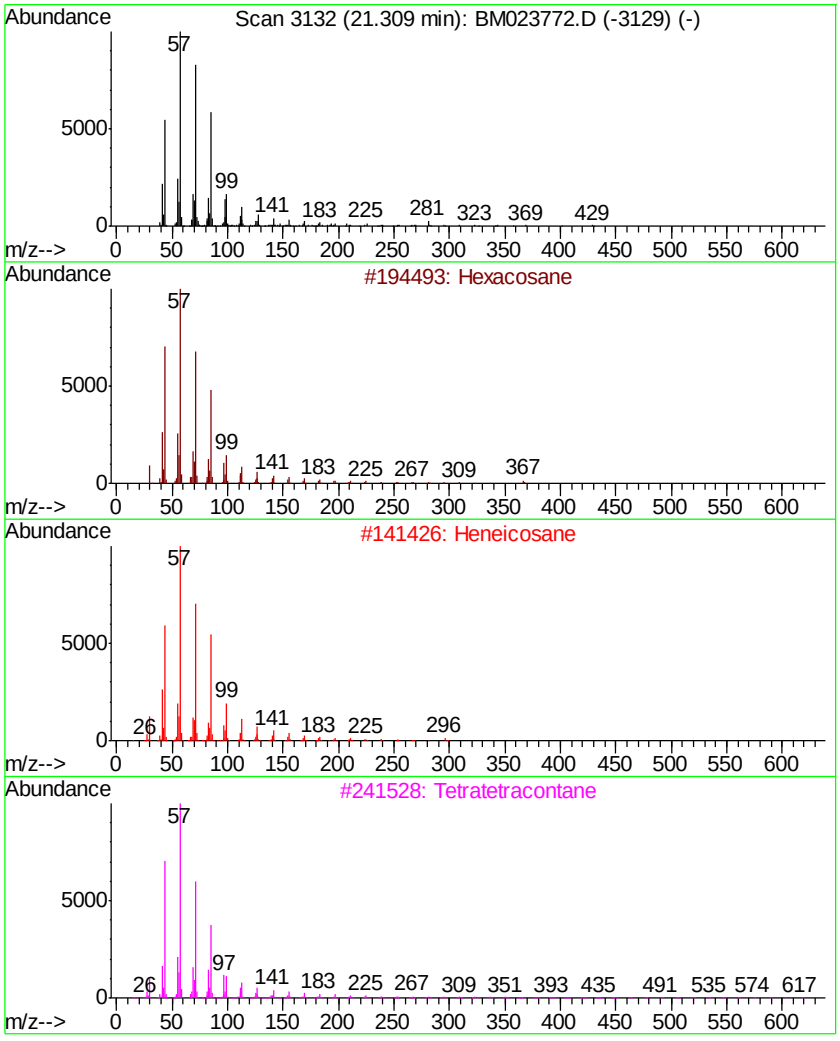
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

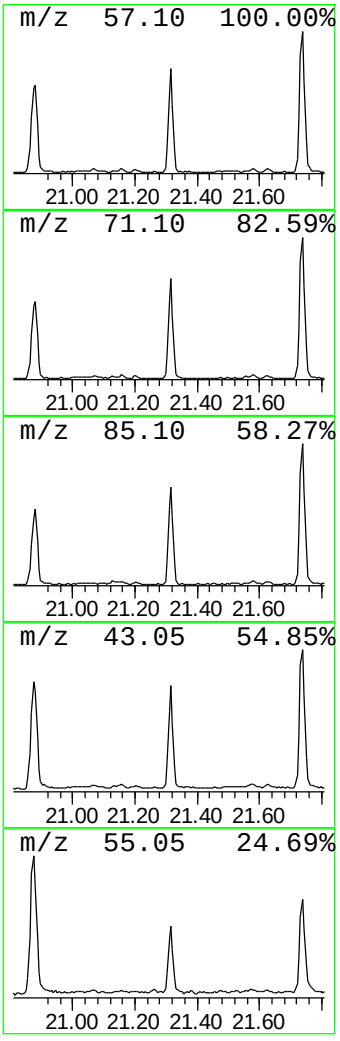
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	3.17 ng/ul	709747	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : F2J08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

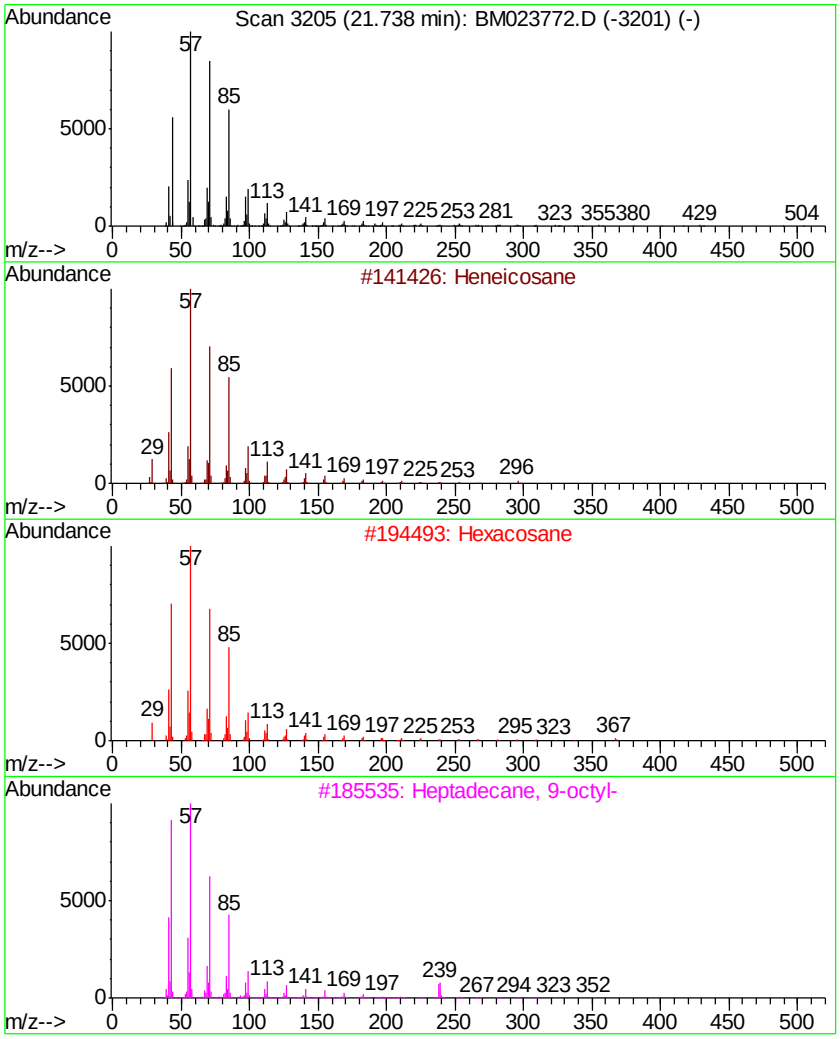
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

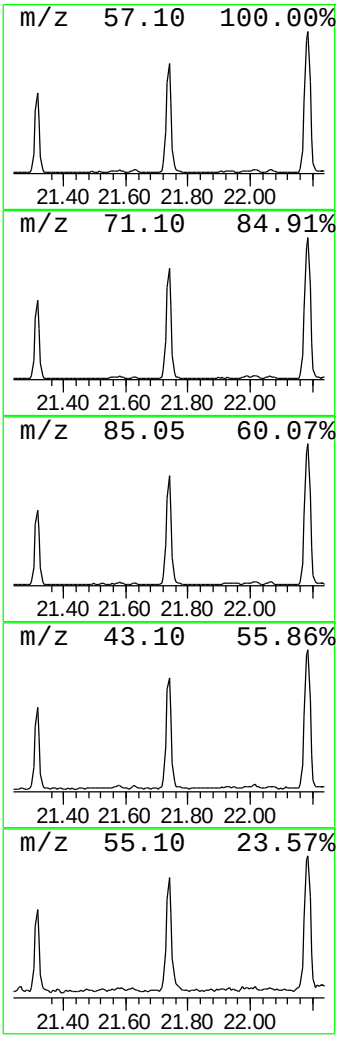
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	4.79 ng/ul	1070740	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heptadecane	240	C17H36	000629-78-7	87
5	Eicosane	282	C20H42	000112-95-8	86





Library Search Compound Report

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Acq On : 16 Nov 2019 02:37
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Sample : K5699-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F2J08

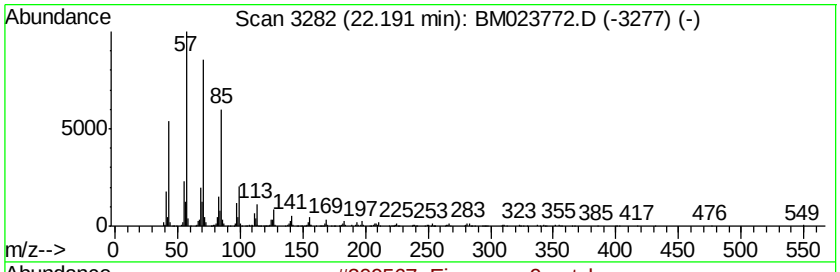
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

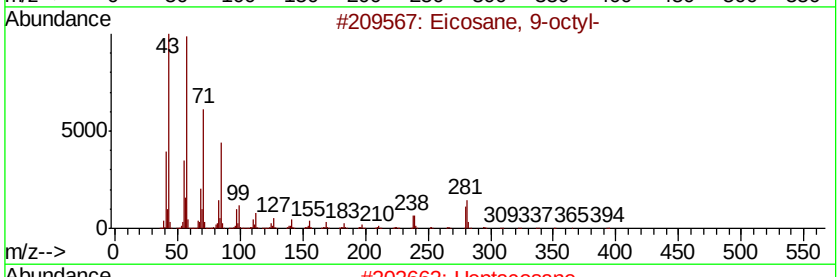
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

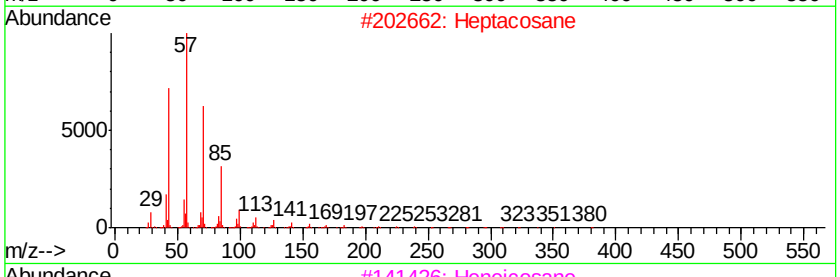
****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

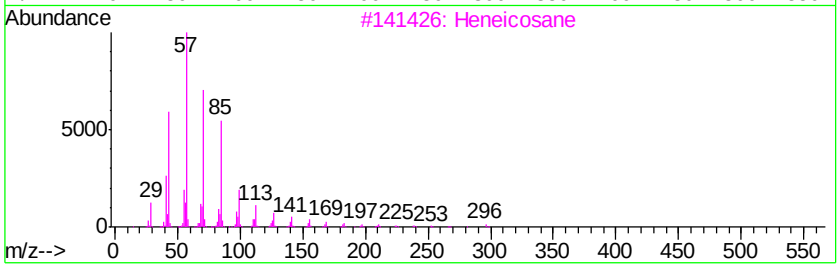
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	6.20 ng/ul	1387120	Chrysene-d12	21.13

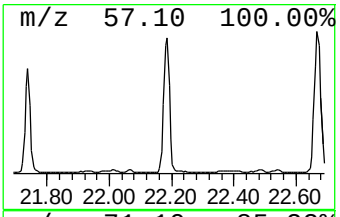
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91

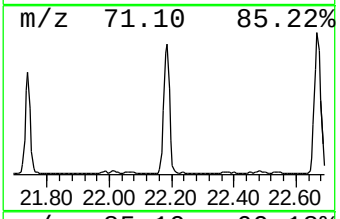


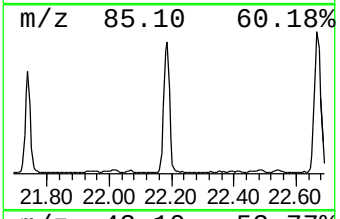


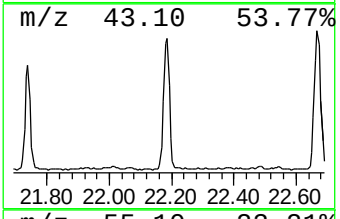


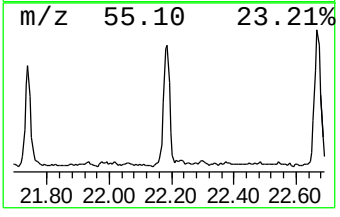












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023772.D
Acq On : 16 Nov 2019 02:37
Operator : JU
Sample : K5699-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F2J08

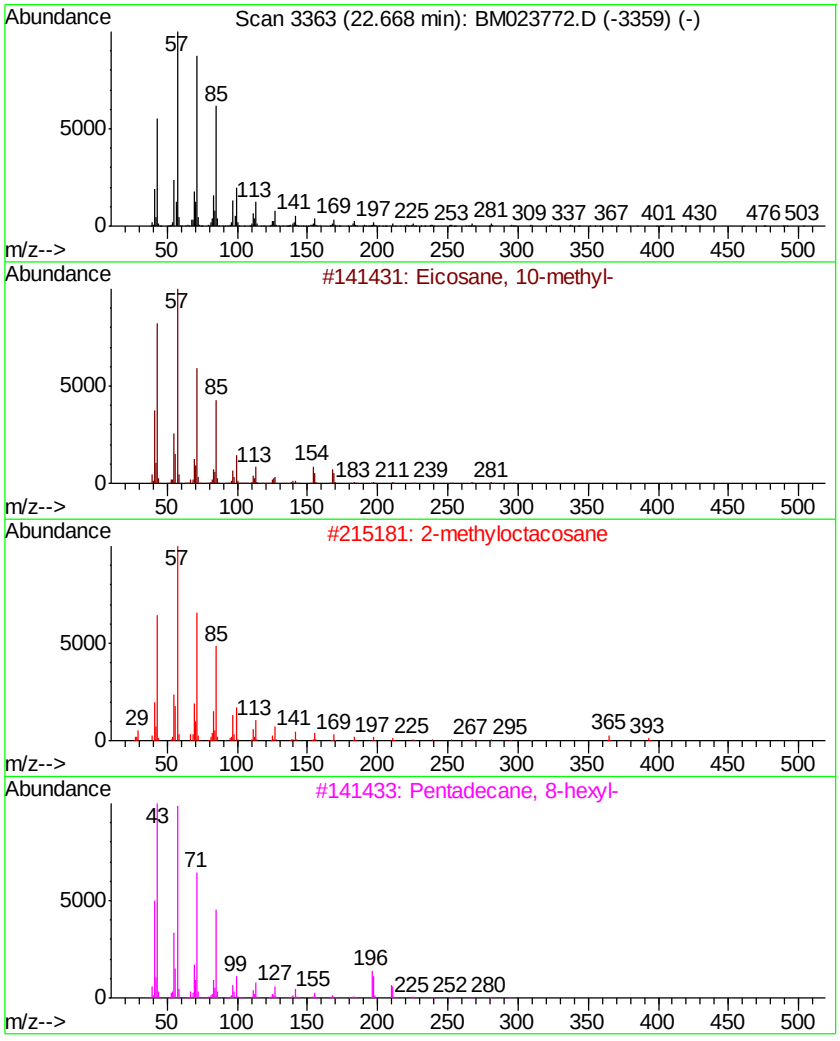
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

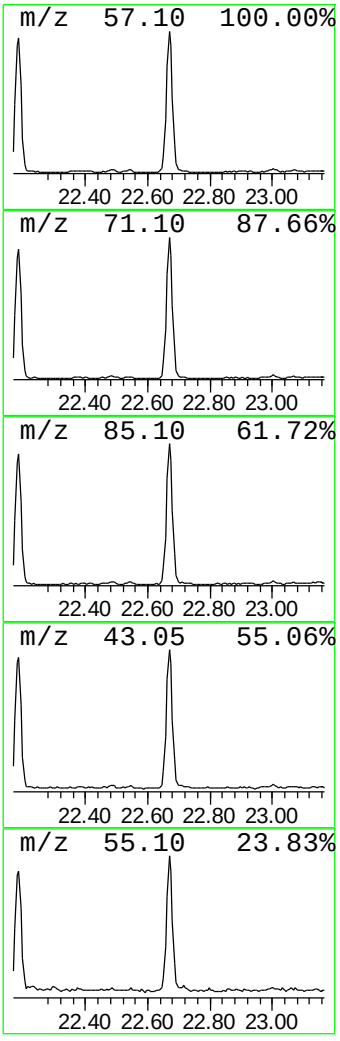
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	6.75 ng/ul	1585800	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptacosane	380	C27H56	000593-49-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023772.D
Acq On : 16 Nov 2019 02:37
Operator : JU
Sample : K5699-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F2J08

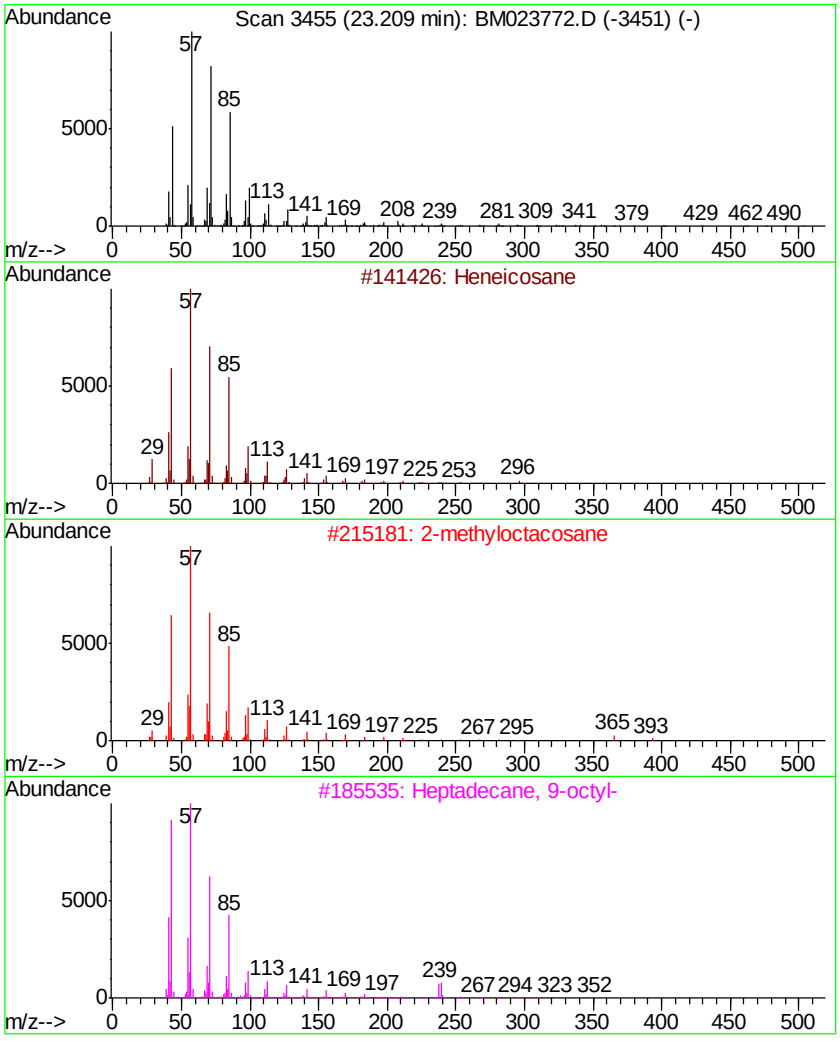
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

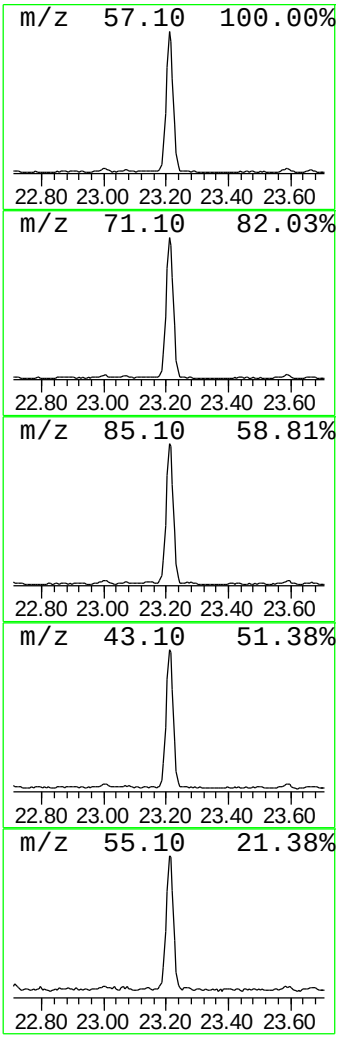
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.21	7.64 ng/ul	1797340	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heptacosane	380	C27H56	000593-49-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023772.D
Acq On : 16 Nov 2019 02:37
Operator : JU
Sample : K5699-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F2J08

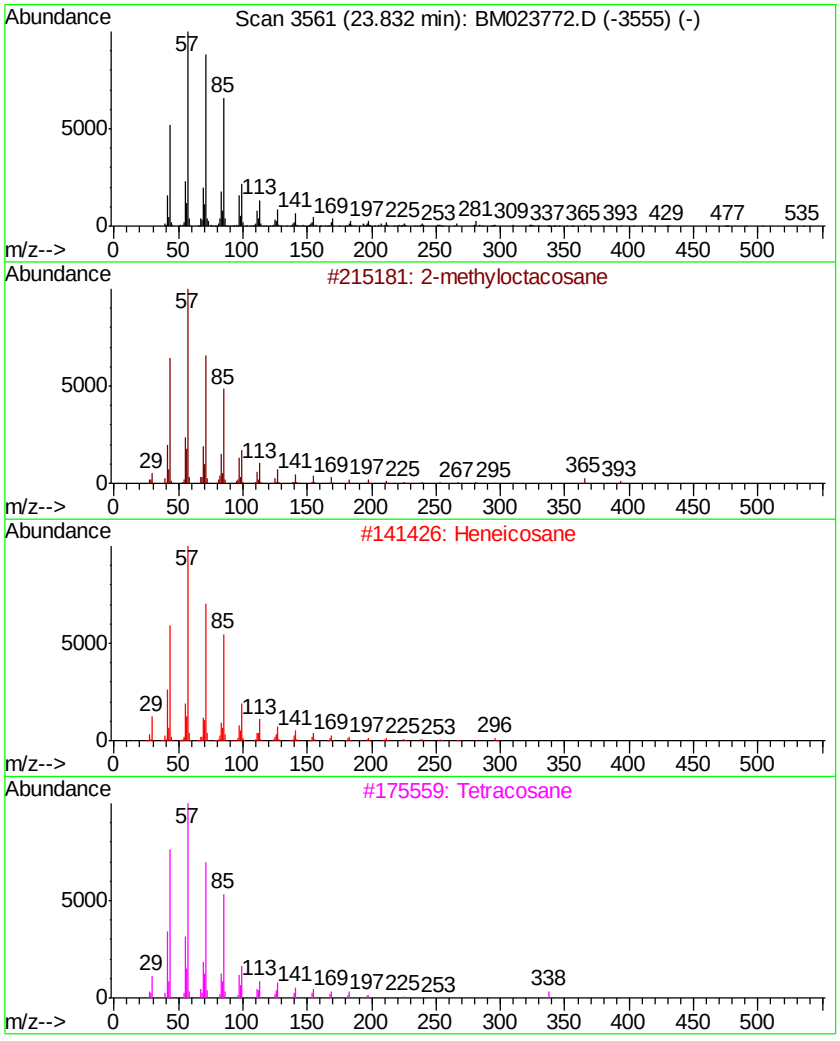
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

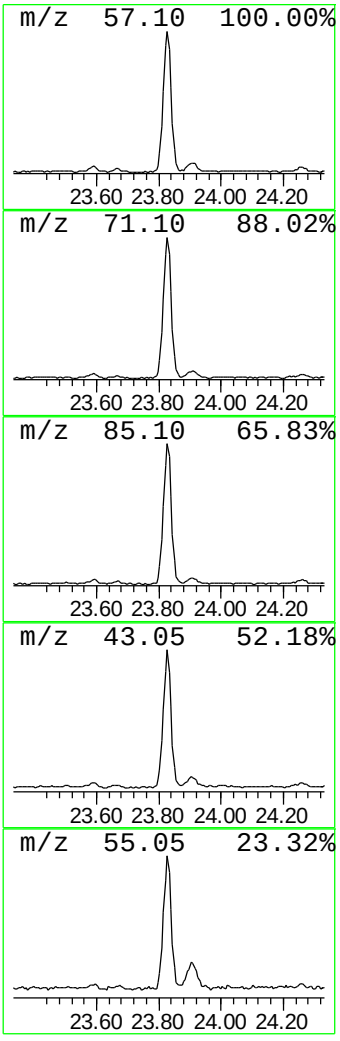
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.83	6.42 ng/ul	1509780	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Eicosane	282	C20H42	000112-95-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111419\
Data File : BM023772.D
Acq On : 16 Nov 2019 02:37
Operator : JU
Sample : K5699-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F2J08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	17.86	3.0	ng/ul	563761	4	16.93	3783560	20.0
(DEL) Alkane: Cyc...	20.87	5.4	ng/ul	1211710	5	21.13	4470980	20.0
(DEL) Alkane: Str...	21.31	3.2	ng/ul	709747	5	21.13	4470980	20.0
(DEL) Alkane: Str...	21.74	4.8	ng/ul	1070740	5	21.13	4470980	20.0
(DEL) Alkane: Str...	22.19	6.2	ng/ul	1387120	5	21.13	4470980	20.0
(DEL) Alkane: Str...	22.67	6.8	ng/ul	1585800	6	23.29	4702150	20.0
(DEL) Alkane: Str...	23.21	7.6	ng/ul	1797340	6	23.29	4702150	20.0
(DEL) Alkane: Str...	23.83	6.4	ng/ul	1509780	6	23.29	4702150	20.0