LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120319\
Data File : BM023983.D
Acq On : 03 Dec 2019 23:14
Operator : JU
Sample : K5914-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNS9

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-BM112719MA.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	3.034	23	25	38	rVB	48166	83082	1.47%	0.137%
2	3.540	109	111	117	rVB6	12195	16667	0.29%	0.027%
3	3.652	126	130	135	rVB	35972	53812	0.95%	0.089%
4	3.734	141	144	149	rVB2	15624	19976	0.35%	0.033%
5	4.110	206	208	214	rVB7	8226	13425	0.24%	0.022%
6	4.646	295	299	305	rBV	29519	47523	0.84%	0.078%
7	5.328	413	415	419	rVB5	5171	6142	0.11%	0.010%
8	6.675	636	644	660	rBV	731777	1338784	23.68%	2.203%
9	6.834	665	671	688	rVB	579442	994926	17.60%	1.637%
10	7.016	696	702	717	rBV	783621	1313838	23.24%	2.162%
11	7.481	774	781	791	rBV	1103565	1719234	30.41%	2.830%
12	7.569	793	796	802	rVB8	9015	17698	0.31%	0.029%
13	7.793	830	834	838	rVB7	3773	6083	0.11%	0.010%
14	8.198	897	903	918	rBV	908849	1539337	27.23%	2.534%
15	8.316	918	923	929	rVV	28719	55550	0.98%	0.091%
16	8.363	929	931	936	rVB5	5923	7007	0.12%	0.012%
17	8.634	970	977	990	rBV	704015	1226068	21.68%	2.018%
18	8.816	1006	1008	1011	rVV4	5096	5753	0.10%	0.009%
19	8.863	1014	1016	1021	rVB5	5894	8366	0.15%	0.014%
20	9.081	1047	1053	1056	rVB3	10709	17614	0.31%	0.029%
21	9.351	1091	1099	1115	rBV	572481	993563	17.57%	1.635%
22	9.551	1129	1133	1138	rBV7	5763	13875	0.25%	0.023%
23	9.887	1183	1190	1203	rBV	828182	1557389	27.54%	2.563%
24	10.251	1244	1252	1260	rBV	1439671	2413869	42.69%	3.973%
25	10.404	1269	1278	1298	rBV	662888	1391222	24.61%	2.290%
26	11.863	1520	1526	1534	rVB5	11729	22822	0.40%	0.038%
27	12.751	1671	1677	1680	rBV6	6449	9961	0.18%	0.016%
28	12.992	1713	1718	1721	rVB7	3880	6941	0.12%	0.011%
29	13.045	1725	1727	1732	rBV5	6047	9481	0.17%	0.016%
30	13.563	1809	1815	1820	rBV	1694464	2308622	40.83%	3.800%
31	13.610	1820	1823	1837	rVV	654541	940757	16.64%	1.548%
32	13.698	1837	1838	1843	rVB4	5989	6143	0.11%	0.010%
33	13.827	1854	1860	1873	rBV	1910186	2895598	51.21%	4.766%
34	13.910	1873	1874	1878	rVB3	7200	7950	0.14%	0.013%

LSC Area Percent Report

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Data File : BM023983.D
Acq On : 03 Dec 2019 23:14
Operator : JU
Sample : K5914-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNS9

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-BM112719MA.M
Title : SVOA CALIBRATION

35	14.075	1897	1902	1905	rBV6	6699	8034	0.14%	0.013%
36	14.139	1907	1913	1928	rBV	2085769	3130117	55.36%	5.152%
37	14.380	1948	1954	1969	rBV	358281	832005	14.72%	1.369%
38	14.592	1983	1990	2000	rVB5	49934	94957	1.68%	0.156%
39	14.974	2050	2055	2059	rBV4	6943	11773	0.21%	0.019%
40	15.027	2061	2064	2068	rVB6	8140	11760	0.21%	0.019%
41	15.145	2078	2084	2095	rBV	2561571	3612565	63.89%	5.946%
42	15.286	2102	2108	2119	rBV	491203	771170	13.64%	1.269%
43	15.386	2121	2125	2130	rVV3	31586	49690	0.88%	0.082%
44	15.433	2130	2133	2137	rVB5	4136	6956	0.12%	0.011%
45	15.586	2154	2159	2164	rBV5	13325	20263	0.36%	0.033%
46	15.839	2198	2202	2203	rBV4	4993	6661	0.12%	0.011%
47	15.898	2207	2212	2213	rVV5	8278	10379	0.18%	0.017%
48	15.927	2213	2217	2223	rVB6	13133	20890	0.37%	0.034%
49	16.304	2277	2281	2283	rBV4	6576	6306	0.11%	0.010%
50	16.333	2285	2286	2292	rVV6	5303	7708	0.14%	0.013%
51	16.492	2309	2313	2318	rBV8	3381	6809	0.12%	0.011%
52	16.686	2342	2346	2352	rVB2	16803	23859	0.42%	0.039%
53	16.827	2367	2370	2372	rBV3	5330	5674	0.10%	0.009%
54	16.898	2375	2382	2392	rVV	2479855	3509752	62.08%	5.776%
55	16.992	2392	2398	2410	rBV	2660501	3866317	68.38%	6.363%
56	17.115	2417	2419	2423	rVB5	14887	17511	0.31%	0.029%
57	17.315	2449	2453	2458	rVV7	15542	28511	0.50%	0.047%
58	17.421	2469	2471	2477	rVV6	4747	7335	0.13%	0.012%
59	17.486	2480	2482	2486	rBV5	3834	6363	0.11%	0.010%
60	17.698	2511	2518	2521	rBV8	14332	29838	0.53%	0.049%
61	17.821	2534	2539	2547	rBV	243378	396019	7.00%	0.652%
62	18.115	2586	2589	2594	rBV6	13656	23400	0.41%	0.039%
63	18.192	2598	2602	2607	rVV	64528	82855	1.47%	0.136%
64	18.251	2609	2612	2616	rVV5	12820	16496	0.29%	0.027%
65	18.762	2696	2699	2702	rBV5	18634	22970	0.41%	0.038%
66	18.939	2725	2729	2732	rBV2	30702	46715	0.83%	0.077%
67	19.115	2755	2759	2765	rBV4	83750	153463	2.71%	0.253%
68	19.186	2768	2771	2777	rVB2	32877	54961	0.97%	0.090%
69	19.304	2785	2791	2796	rBV	3361140	4728006	83.62%	7.782%
70	19.886	2887	2890	2893	rVB2	41364	41313	0.73%	0.068%
71	20.380	2972	2974	2978	rVB	55319	56766	1.00%	0.093%

LSC Area Percent Report

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Acq On : 03 Dec 2019 23:14
Operator : JU
Sample : K5914-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNS9

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-BM112719MA.M
Title : SVOA CALIBRATION

72	20.845	3049	3053	3060	rBV	344747	491901	8.70%	0.810%
73	21.103	3092	3097	3106	rBV	3314898	4370385	77.30%	7.193%
74	21.286	3125	3128	3131	rBV	209241	217551	3.85%	0.358%
75	21.703	3196	3199	3206	rBV	376808	473545	8.38%	0.779%
76	22.145	3271	3274	3279	rVB	418380	516542	9.14%	0.850%
77	22.627	3353	3356	3362	rVB	514249	685917	12.13%	1.129%
78	23.109	3432	3438	3444	rBV	3124935	5653993	100.00%	9.306%
79	23.162	3445	3447	3452	rVB	472259	675144	11.94%	1.111%
80	23.244	3455	3461	3469	rVB	2766338	4878987	86.29%	8.030%

Sum of corrected areas: 60759210

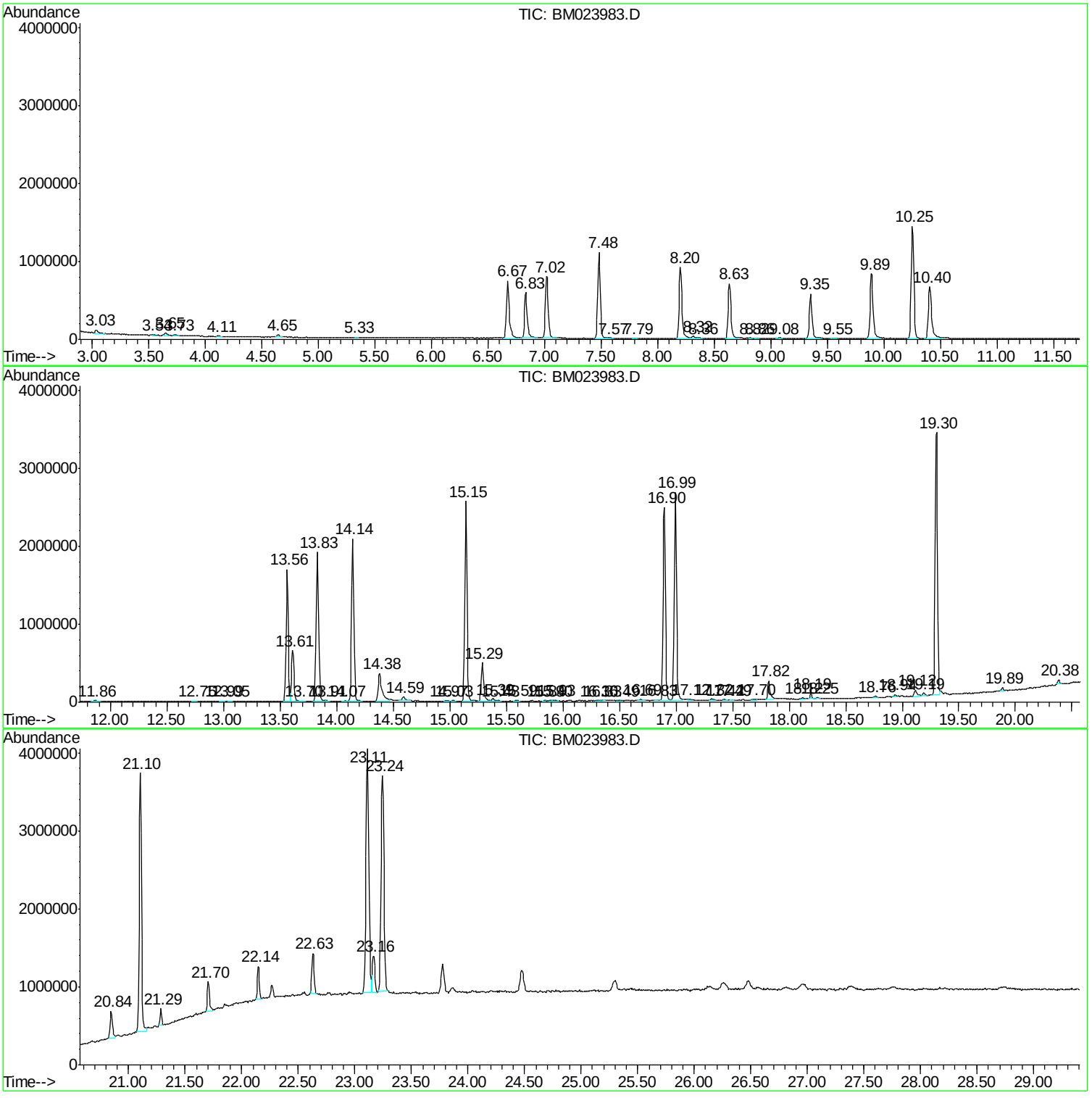
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120319\
Data File : BM023983.D
Acq On : 03 Dec 2019 23:14
Operator : JU
Sample : K5914-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNS9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.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\BM120319\
Data File : BM023983.D
Acq On : 03 Dec 2019 23:14
Operator : JU
Sample : K5914-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNS9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

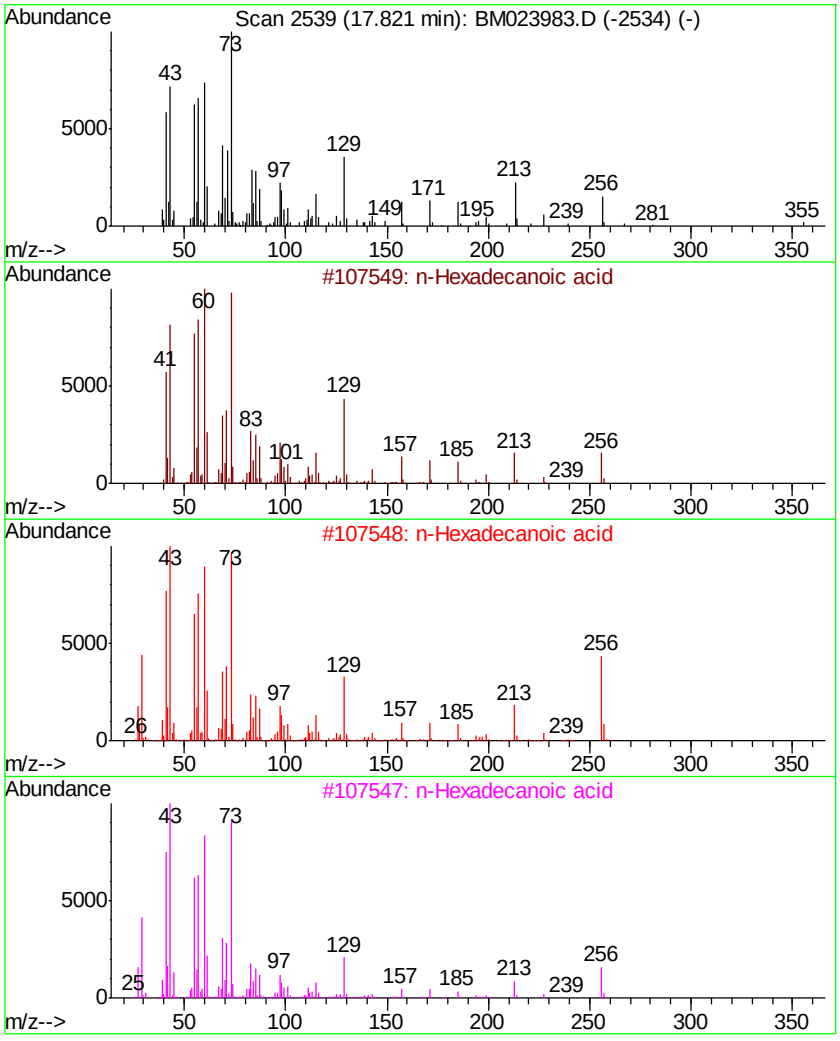
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

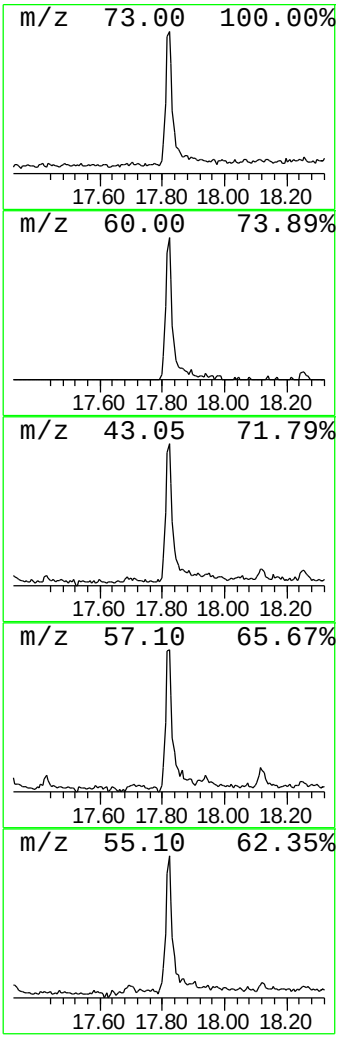
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	2.26 ng/ul	396019	Phenanthrene-d10	16.90

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	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120319\
Data File : BM023983.D
Acq On : 03 Dec 2019 23:14
Operator : JU
Sample : K5914-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNS9

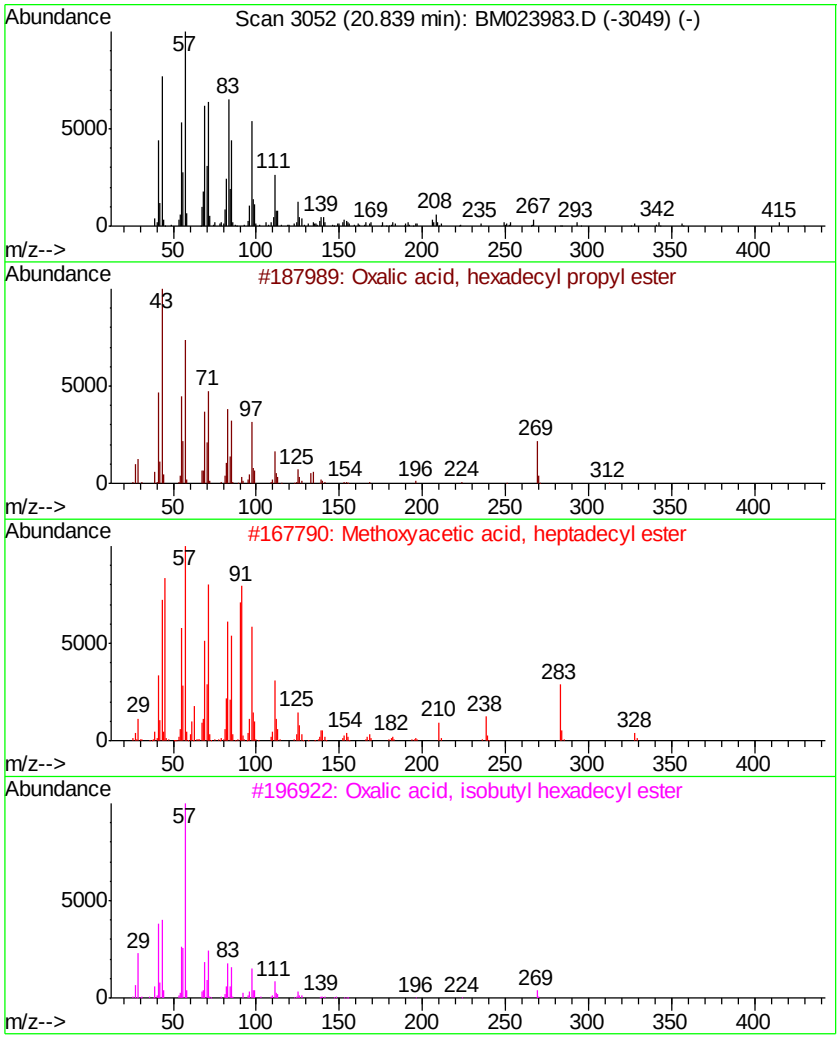
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

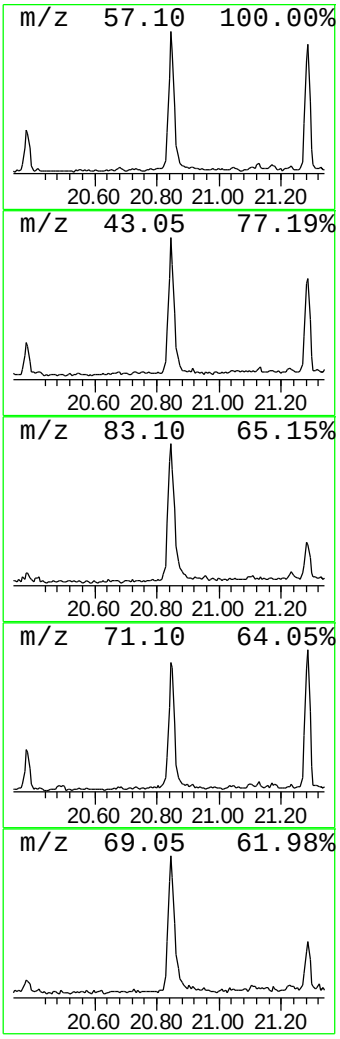
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Oxalic acid, hexadecyl prop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	2.25 ng/ul	491901	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	91
2	Methoxyacetic acid, heptadecyl e...	328	C20H40O3	1000282-99-1	91
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
4	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91
5	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120319\
Data File : BM023983.D
Acq On : 03 Dec 2019 23:14
Operator : JU
Sample : K5914-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNS9

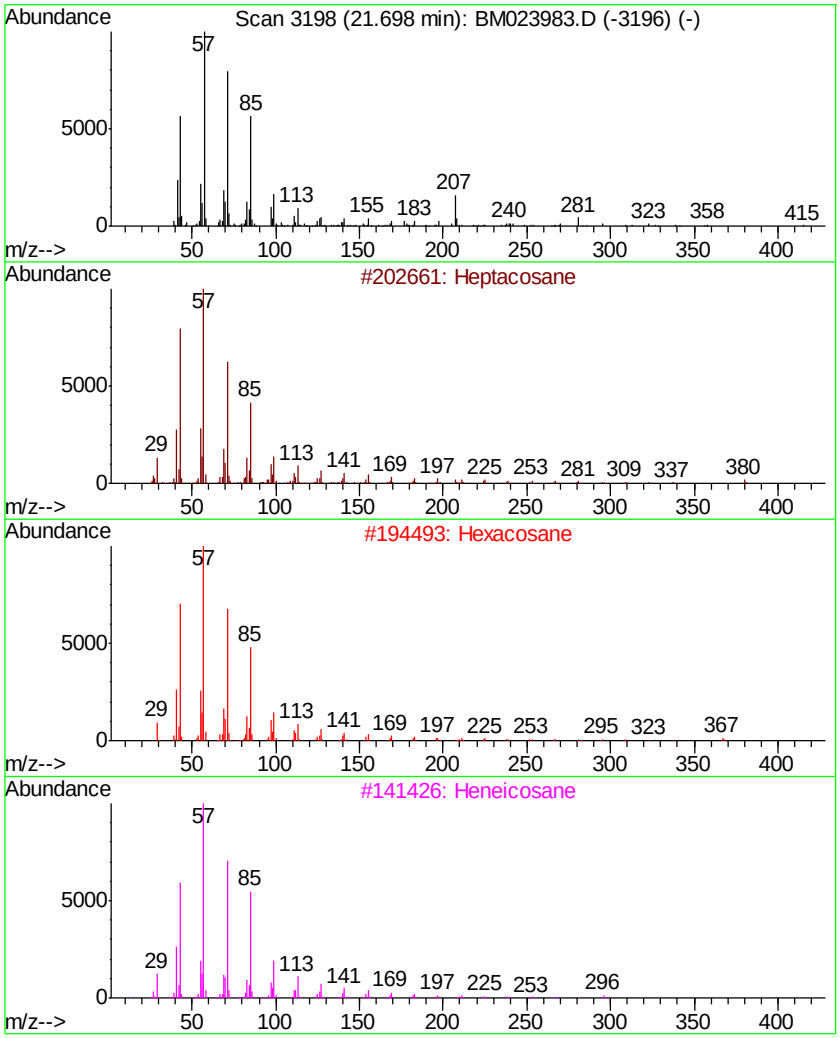
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

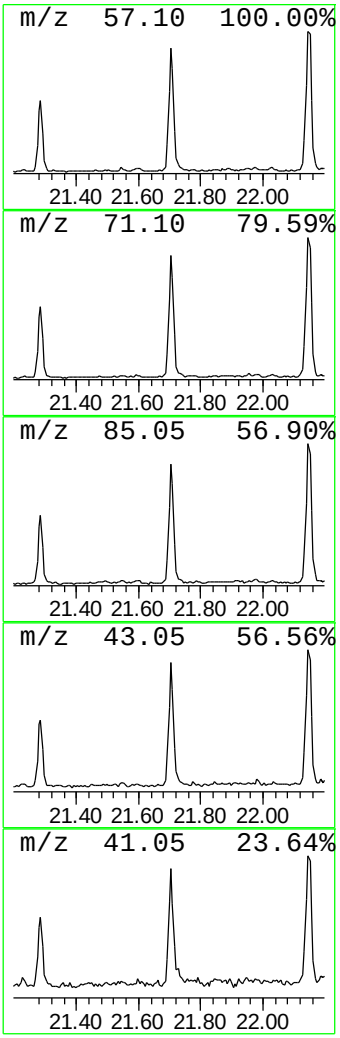
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.70	2.17 ng/ul	473545	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Eicosane	282	C20H42	000112-95-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120319\
Data File : BM023983.D
Acq On : 03 Dec 2019 23:14
Operator : JU
Sample : K5914-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNS9

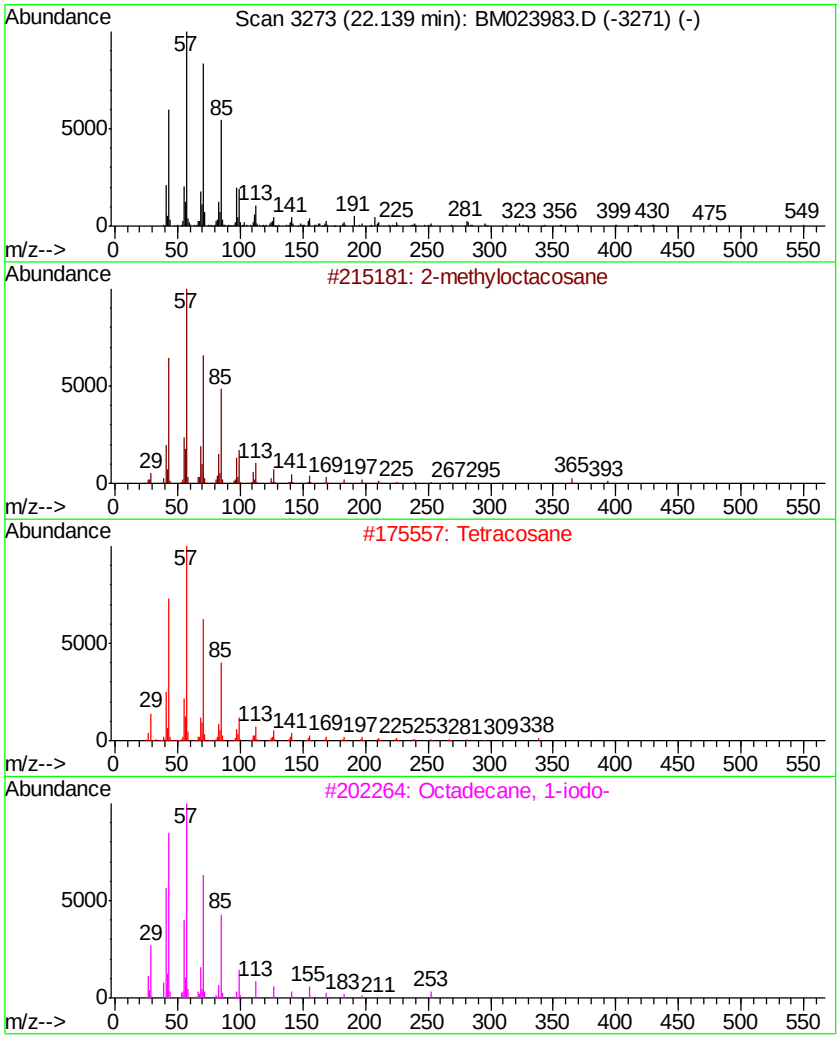
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

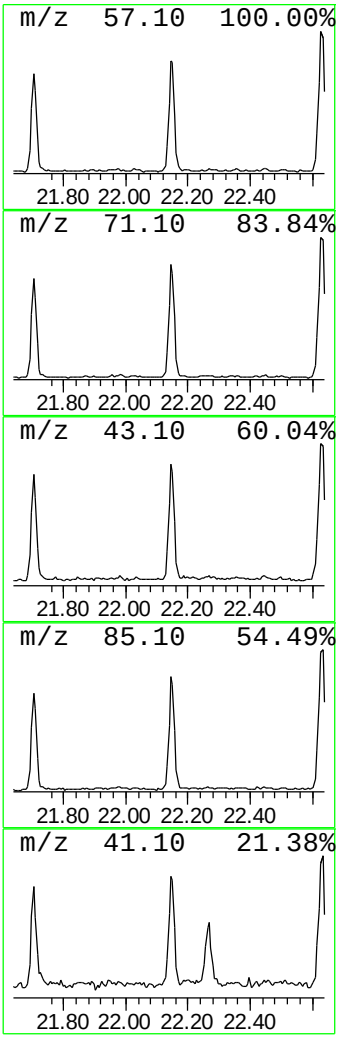
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.14	2.36 ng/ul	516542	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Tetracosane	338	C24H50	000646-31-1	87
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
5	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120319\
Data File : BM023983.D
Acq On : 03 Dec 2019 23:14
Operator : JU
Sample : K5914-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNS9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

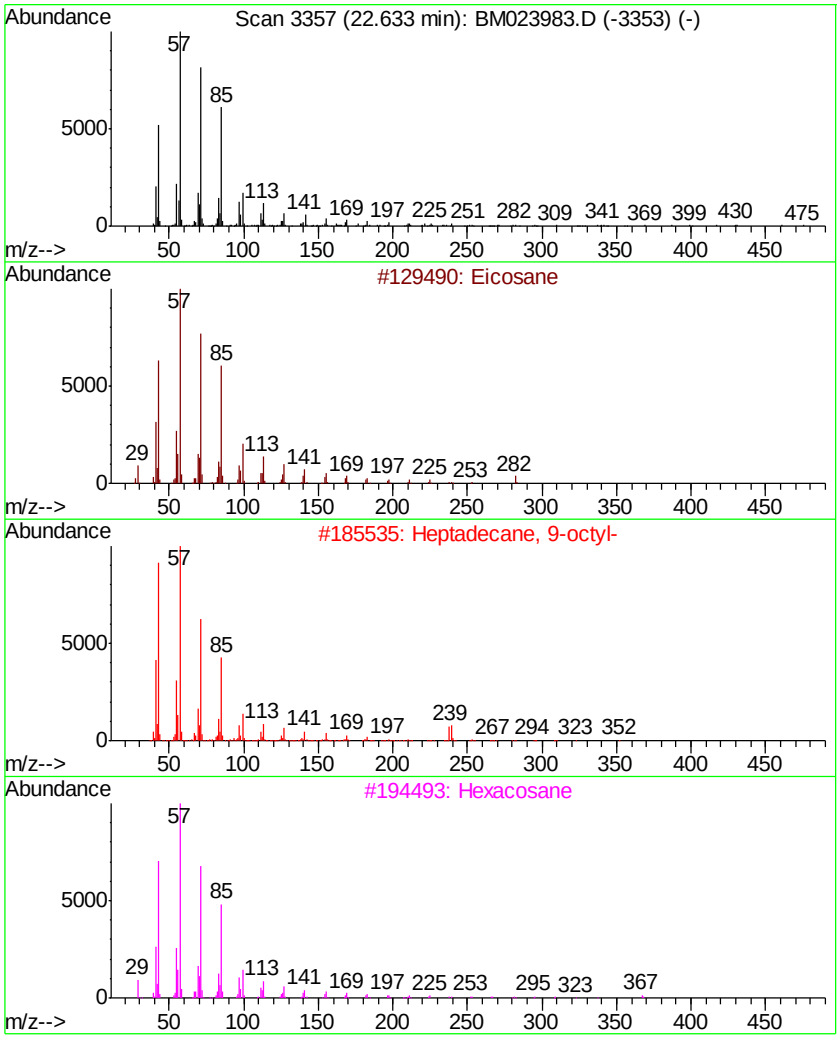
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

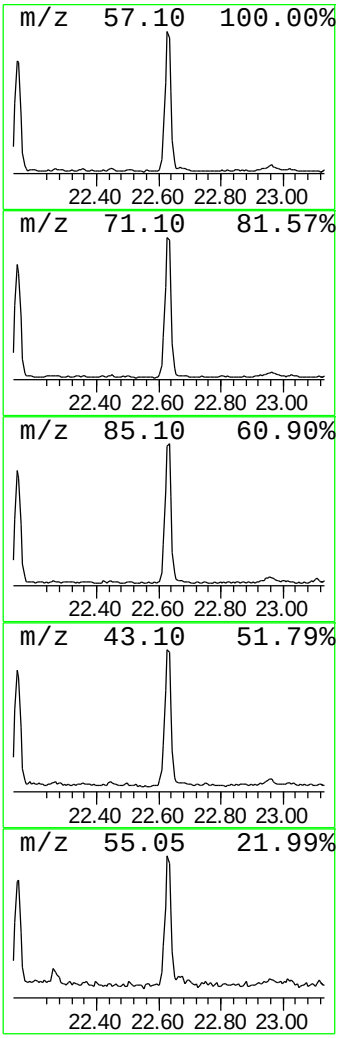
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	2.81 ng/ul	685917	Perylene-d12	23.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120319\
Data File : BM023983.D
Acq On : 03 Dec 2019 23:14
Operator : JU
Sample : K5914-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNS9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

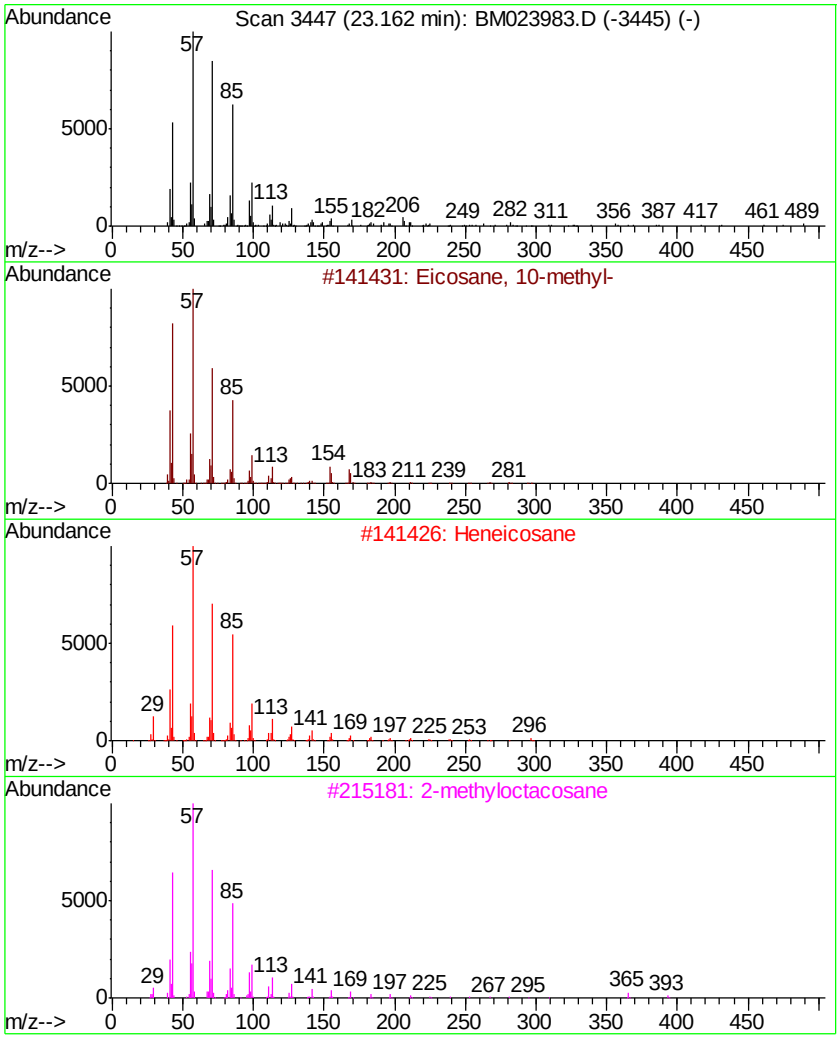
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

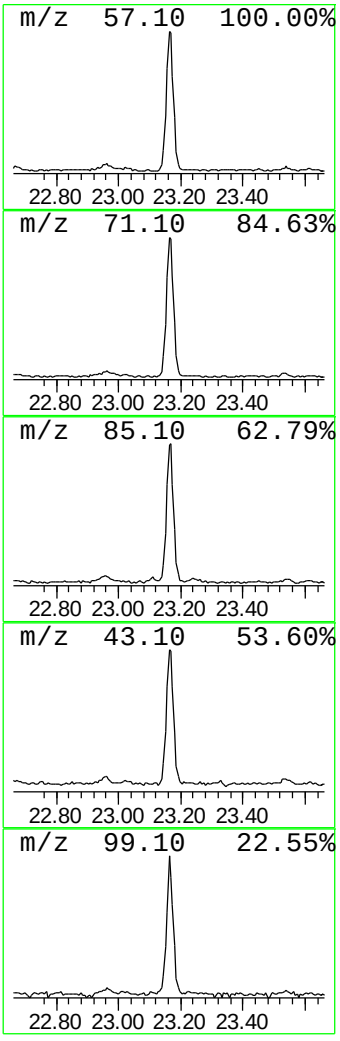
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	2.77 ng/ul	675144	Perylene-d12	23.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Eicosane	282	C20H42	000112-95-8	89
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120319\
Data File : BM023983.D
Acq On : 03 Dec 2019 23:14
Operator : JU
Sample : K5914-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNS9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.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	17.82	2.3	ng/ul	396019	4	16.90	3509750	20.0
Oxalic acid, hexa...	20.84	2.3	ng/ul	491901	5	21.10	4370390	20.0
(DEL) Alkane: Str...	21.70	2.2	ng/ul	473545	5	21.10	4370390	20.0
(DEL) Alkane: Str...	22.14	2.4	ng/ul	516542	5	21.10	4370390	20.0
(DEL) Alkane: Str...	22.63	2.8	ng/ul	685917	6	23.24	4878990	20.0
(DEL) Alkane: Str...	23.16	2.8	ng/ul	675144	6	23.24	4878990	20.0