LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120319\
Data File : BM023969.D
Acq On : 03 Dec 2019 12:53
Operator : JU
Sample : K5914-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNR0

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	3.040	23	26	37	rVB	79632	158421	2.02%	0.161%
2	3.652	126	130	138	rVB	48735	89108	1.14%	0.091%
3	4.646	295	299	303	rBV	50461	76982	0.98%	0.078%
4	6.181	556	560	564	rBV6	16506	26132	0.33%	0.027%
5	6.675	637	644	662	rBV	1268815	2253038	28.76%	2.294%
6	6.834	666	671	683	rVV	1039482	1710668	21.83%	1.742%
7	6.922	685	686	693	rVV6	17307	25118	0.32%	0.026%
8	7.022	696	703	714	rVV	1342811	2220910	28.35%	2.261%
9	7.116	717	719	724	rVB5	7523	10724	0.14%	0.011%
10	7.481	775	781	792	rBV	1489118	2472373	31.56%	2.517%
11	7.575	792	797	800	rVB5	7919	13204	0.17%	0.013%
12	8.204	896	904	919	rBV	1476528	2580102	32.93%	2.627%
13	8.316	919	923	927	rVB2	28748	47812	0.61%	0.049%
14	8.634	970	977	996	rBV	1217392	2121753	27.08%	2.160%
15	8.816	1005	1008	1014	rVB7	9175	15194	0.19%	0.015%
16	9.081	1047	1053	1058	rVB2	18473	30440	0.39%	0.031%
17	9.351	1091	1099	1113	rBV	1049720	1772908	22.63%	1.805%
18	9.728	1158	1163	1166	rVB5	4672	8309	0.11%	0.008%
19	9.886	1183	1190	1206	rBV	1588724	2845184	36.31%	2.897%
20	10.257	1244	1253	1262	rBV	2319551	3818867	48.74%	3.888%
21	10.404	1268	1278	1304	rBV	1368488	2610814	33.32%	2.658%
22	11.863	1521	1526	1532	rBV2	26882	43892	0.56%	0.045%
23	12.498	1630	1634	1639	rBV3	17434	26169	0.33%	0.027%
24	12.751	1673	1677	1681	rVB3	7856	12097	0.15%	0.012%
25	12.869	1693	1697	1700	rBV6	6365	8602	0.11%	0.009%
26	12.904	1700	1703	1708	rVB5	9933	15047	0.19%	0.015%
27	13.057	1721	1729	1734	rVB2	45375	79540	1.02%	0.081%
28	13.151	1743	1745	1749	rVB4	7345	8026	0.10%	0.008%
29	13.245	1756	1761	1765	rBV5	12330	16737	0.21%	0.017%
30	13.410	1782	1789	1792	rBV6	15217	22614	0.29%	0.023%
31	13.480	1799	1801	1806	rVB5	6507	9058	0.12%	0.009%
32	13.569	1809	1816	1820	rVV	3063304	4337259	55.36%	4.416%
33	13.616	1820	1824	1835	rVB	1137040	1605502	20.49%	1.635%
34	13.833	1854	1861	1876	rBV	3725128	5375869	68.62%	5.473%

LSC Area Percent Report

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Acq On : 03 Dec 2019 12:53
Operator : JU
Sample : K5914-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNR0

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	14.145	1907	1914	1922	rVV	3680331	5405398	68.99%	5.504%
36	14.245	1924	1931	1939	rVB7	39770	93753	1.20%	0.095%
37	14.374	1946	1953	1967	rBV	777960	1597021	20.38%	1.626%
38	14.474	1967	1970	1977	rVB	139140	230474	2.94%	0.235%
39	14.592	1984	1990	2000	rVB4	113069	209008	2.67%	0.213%
40	14.716	2009	2011	2015	rVB4	9728	12326	0.16%	0.013%
41	14.974	2049	2055	2057	rBV4	14186	21682	0.28%	0.022%
42	15.033	2061	2065	2068	rVB3	11591	13531	0.17%	0.014%
43	15.145	2078	2084	2096	rBV	4715683	6682038	85.29%	6.803%
44	15.239	2098	2100	2103	rVV4	12404	11666	0.15%	0.012%
45	15.286	2103	2108	2121	rVV	974795	1508111	19.25%	1.535%
46	15.386	2121	2125	2130	rVB	56001	81149	1.04%	0.083%
47	15.504	2140	2145	2148	rVV7	17942	24404	0.31%	0.025%
48	15.539	2148	2151	2154	rVB3	6944	9629	0.12%	0.010%
49	15.592	2154	2160	2165	rBV	36565	49862	0.64%	0.051%
50	15.639	2165	2168	2171	rVB5	6944	8801	0.11%	0.009%
51	15.792	2191	2194	2198	rBV4	6646	8276	0.11%	0.008%
52	15.892	2207	2211	2215	rVV6	8770	10887	0.14%	0.011%
53	15.933	2215	2218	2222	rVB5	18880	25608	0.33%	0.026%
54	16.068	2236	2241	2245	rVB8	11224	19181	0.24%	0.020%
55	16.151	2251	2255	2258	rBV6	8671	14721	0.19%	0.015%
56	16.339	2284	2287	2292	rVV5	13648	21012	0.27%	0.021%
57	16.380	2292	2294	2299	rVV6	5384	9524	0.12%	0.010%
58	16.457	2303	2307	2316	rVB2	44496	63820	0.81%	0.065%
59	16.580	2326	2328	2331	rVB4	8245	9583	0.12%	0.010%
60	16.686	2342	2346	2351	rBV2	26070	37613	0.48%	0.038%
61	16.898	2376	2382	2392	rBV	4430988	6188583	78.99%	6.301%
62	16.998	2393	2399	2412	rVV	5181274	7145879	91.21%	7.276%
63	17.115	2414	2419	2423	rVB2	73853	104143	1.33%	0.106%
64	17.209	2432	2435	2438	rBV3	11089	13942	0.18%	0.014%
65	17.315	2448	2453	2465	rVB10	36508	79530	1.02%	0.081%
66	17.598	2497	2501	2505	rBV5	11469	15578	0.20%	0.016%
67	17.698	2513	2518	2523	rBV8	18556	37452	0.48%	0.038%
68	17.827	2534	2540	2557	rBV	684206	1158426	14.79%	1.179%
69	18.121	2587	2590	2597	rVB8	12109	23014	0.29%	0.023%
70	18.256	2611	2613	2617	rVB3	13459	11757	0.15%	0.012%
71	18.386	2632	2635	2640	rVV7	12978	21839	0.28%	0.022%

LSC Area Percent Report

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNR0

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

72	18.533	2656	2660	2666	rVB4	47522	65480	0.84%	0.067%
73	18.698	2683	2688	2696	rBV	393519	640621	8.18%	0.652%
74	18.939	2725	2729	2732	rBV	56534	74808	0.95%	0.076%
75	19.033	2736	2745	2749	rBV4	88459	233645	2.98%	0.238%
76	19.121	2755	2760	2766	rBV2	388289	566388	7.23%	0.577%
77	19.303	2785	2791	2797	rBV2	5792610	7834743	100.00%	7.977%
78	19.568	2831	2836	2842	rVB9	39397	73132	0.93%	0.074%
79	19.862	2881	2886	2888	rBV3	148697	222674	2.84%	0.227%
80	19.886	2888	2890	2894	rVB2	119613	140570	1.79%	0.143%
81	20.386	2972	2975	2979	rVB	147847	160116	2.04%	0.163%
82	20.433	2980	2983	2987	rVB5	101171	116324	1.48%	0.118%
83	20.727	3029	3033	3036	rBV4	105147	170522	2.18%	0.174%
84	20.856	3050	3055	3061	rBV3	1663238	2254076	28.77%	2.295%
85	20.962	3069	3073	3078	rBV	494763	593546	7.58%	0.604%
86	21.109	3093	3098	3108	rVB	3980369	5164604	65.92%	5.258%
87	21.286	3126	3128	3132	rVB	169466	169061	2.16%	0.172%
88	21.709	3197	3200	3207	rVB	275140	340909	4.35%	0.347%
89	22.150	3272	3275	3281	rVB2	372420	463900	5.92%	0.472%
90	22.633	3354	3357	3363	rVB	384781	517113	6.60%	0.527%
91	23.115	3433	3439	3445	rBV	3442572	5953077	75.98%	6.061%
92	23.250	3456	3462	3472	rVB	2773949	5013513	63.99%	5.105%

Sum of corrected areas: 98216516

LSC Report - Integrated Chromatogram

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Data File : BM023969.D
Acq On : 03 Dec 2019 12:53
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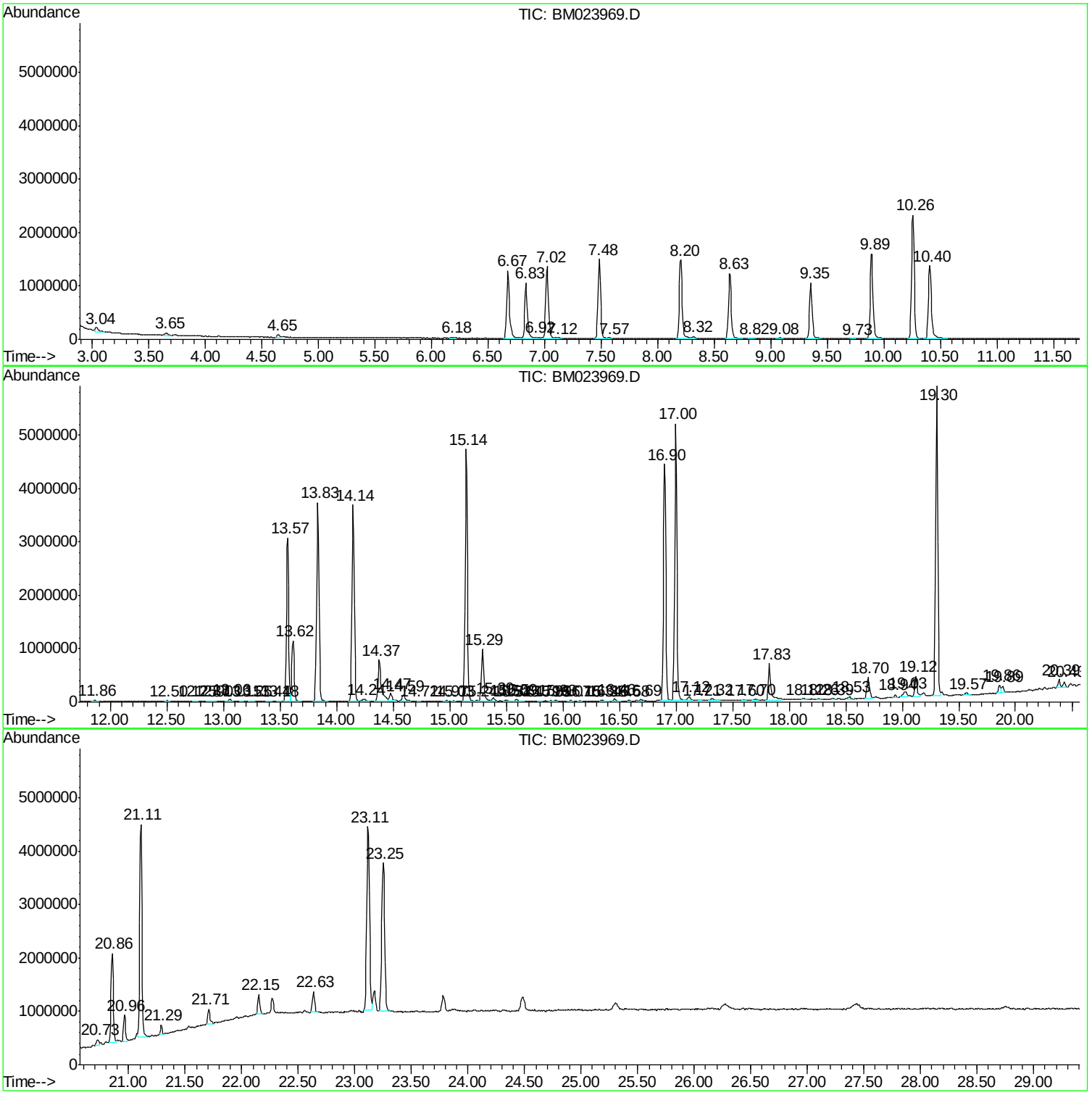
Sample : K5914-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNR0

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 : BM023969.D
Acq On : 03 Dec 2019 12:53
Operator : JU
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Instrument : BNA_M
ClientSampleId : JLNR0

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Quant Title : SVOA CALIBRATION

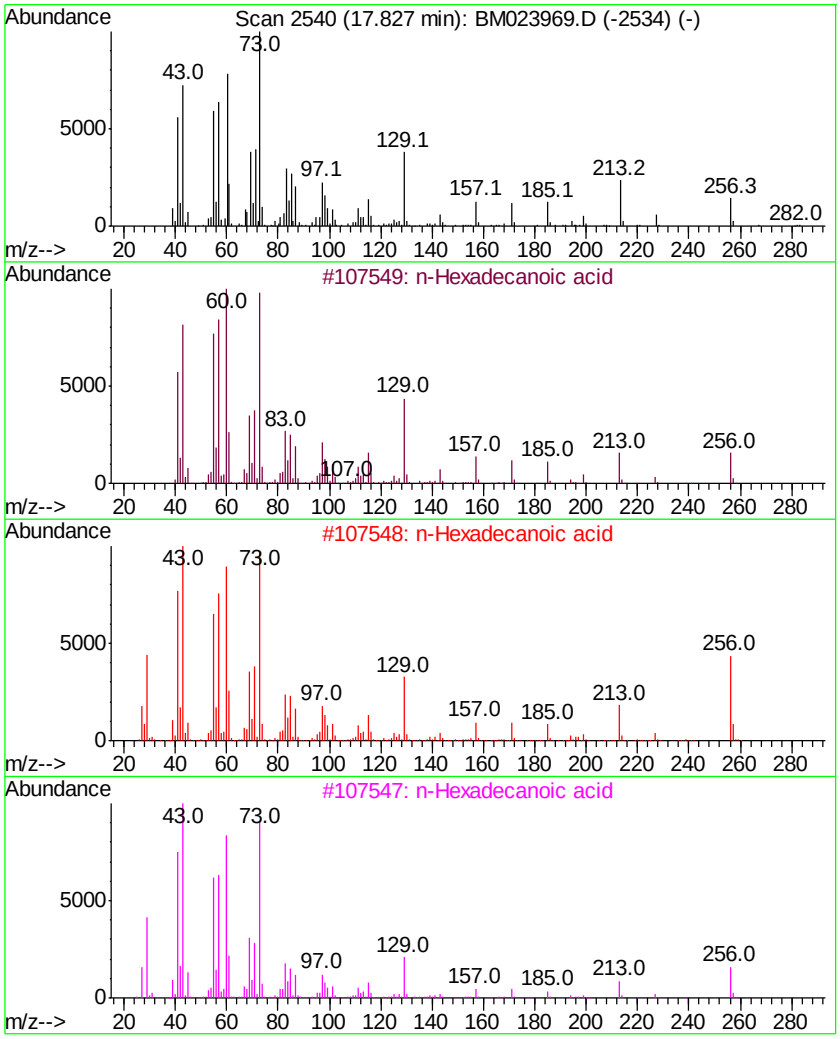
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

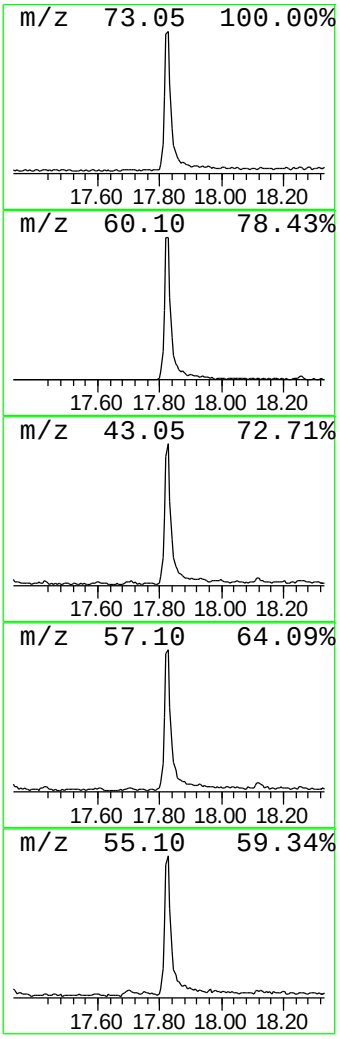
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	3.74 ng/ul	1158430	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	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





Library Search Compound Report

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Data File : BM023969.D
Acq On : 03 Dec 2019 12:53
Operator : JU
Sample : K5914-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNR0

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

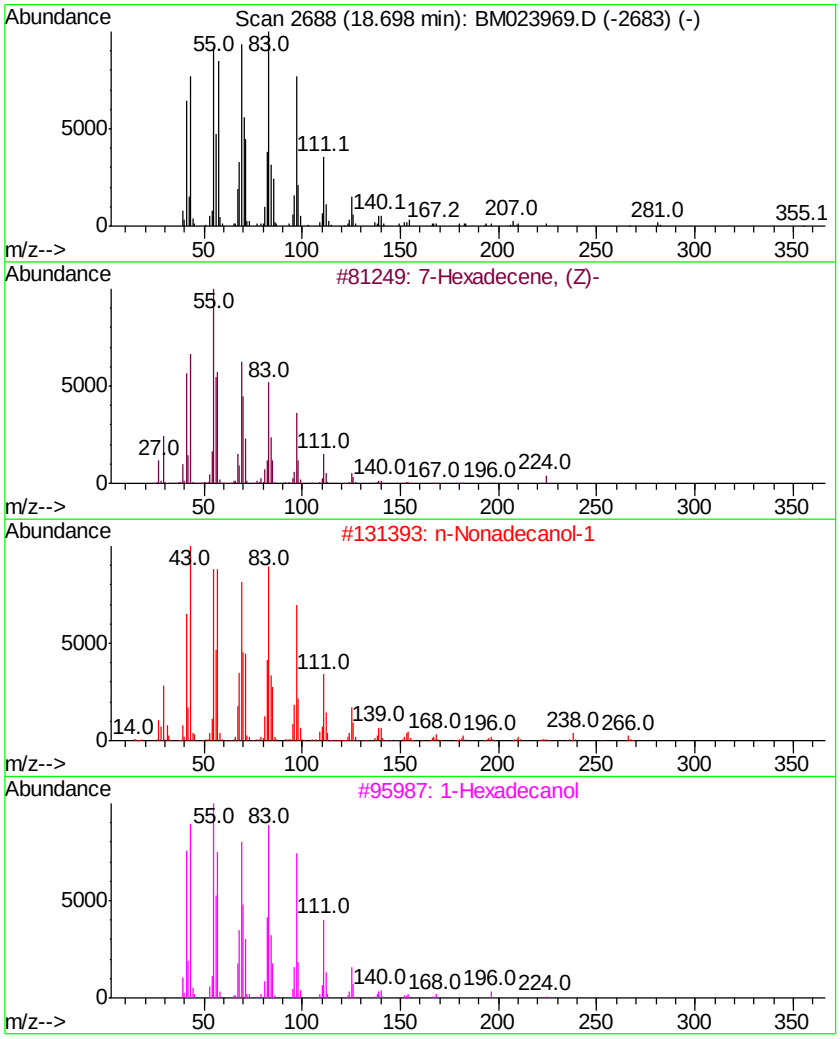
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

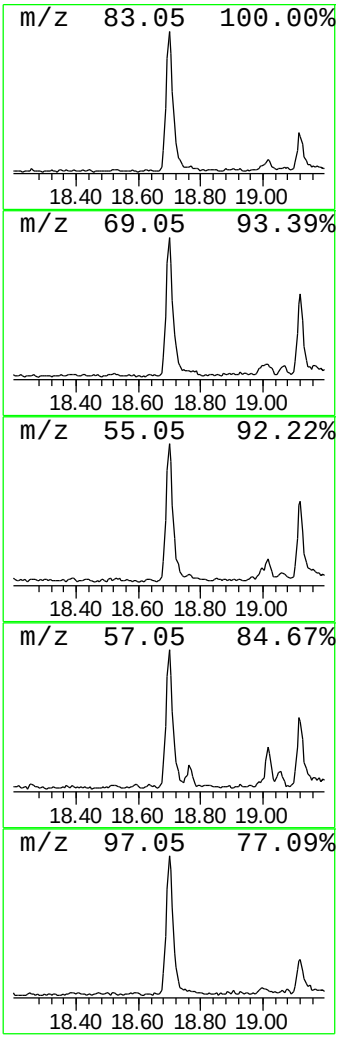
****

Peak Number 2 (DEL) Alkane: Cyclic18.70 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	2.07 ng/ul	640621	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	97
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	1-Hexadecanol	242	C16H34O	036653-82-4	93
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91





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

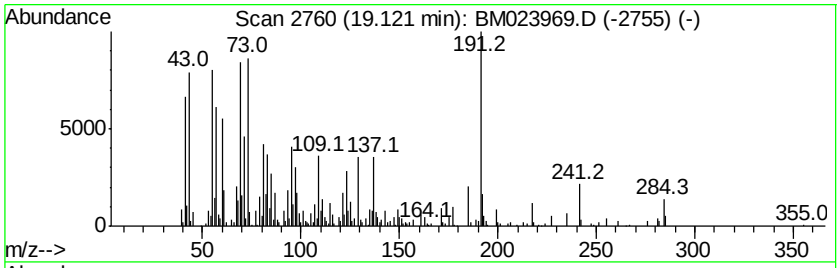
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

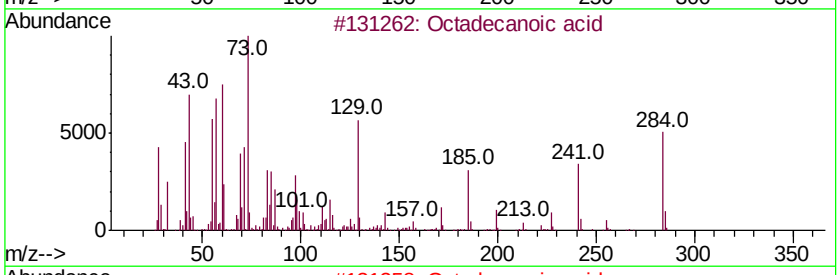
****

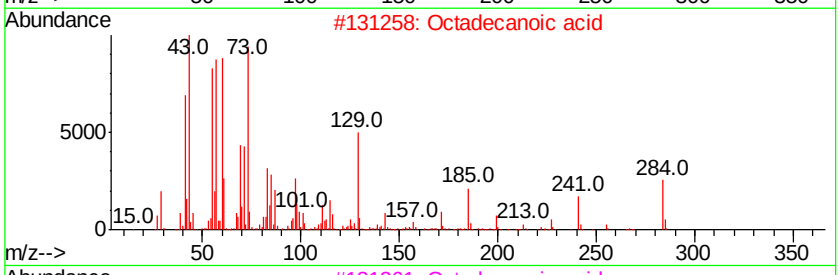
Peak Number 3 Octadecanoic acid Concentration Rank 4

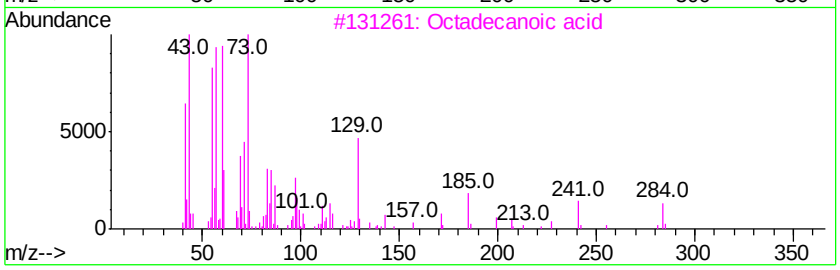
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	2.19 ng/ul	566388	Chrysene-d12	21.11

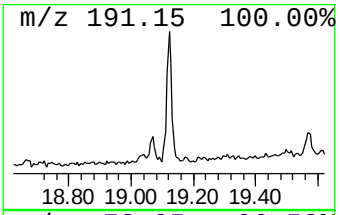
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	92
2	Octadecanoic acid	284	C18H36O2	000057-11-4	91
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	60
5	Octadecanoic acid	284	C18H36O2	000057-11-4	53

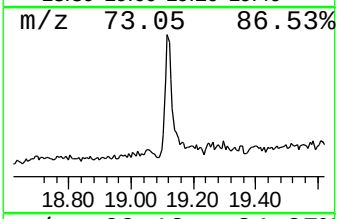


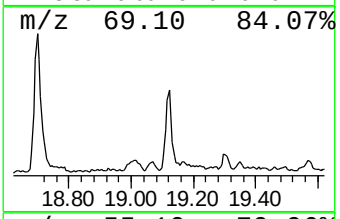


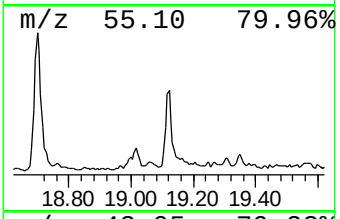


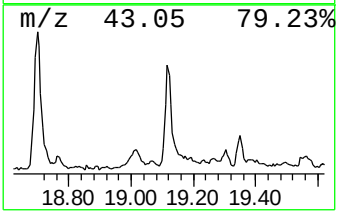












Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : JLNR0

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

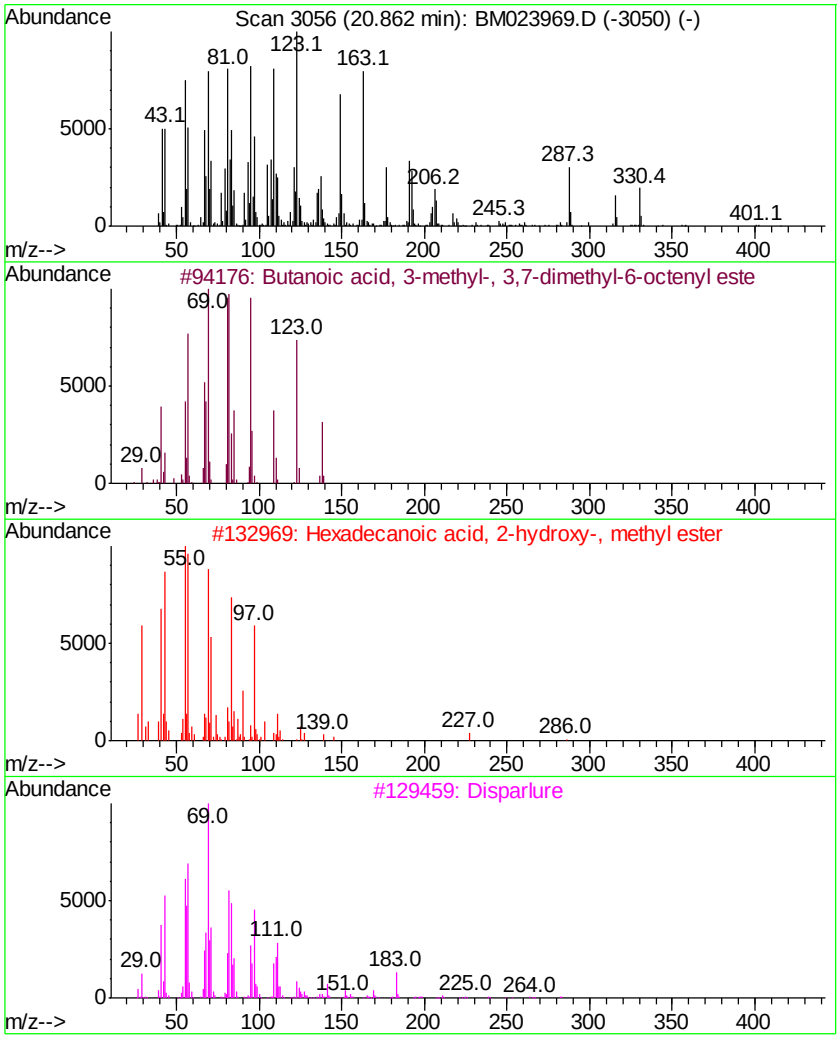
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

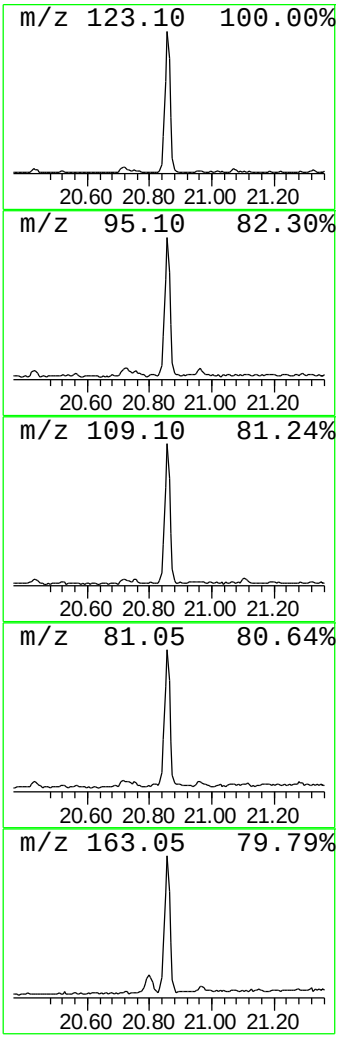
****

Peak Number 4 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	8.73 ng/ul	2254080	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-, 3,7-di...	240	C15H28O2	068922-10-1	38
2	Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	25
3	Disparlure	282	C19H38O	029804-22-6	25
4	Methanone, (2-fluorophenyl)[4-(2...	288	C16H17FN2O2	1000273-00-0	15
5	Disparlure	282	C19H38O	029804-22-6	15





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Instrument : BNA_M
ClientSampleId : JLNR0

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

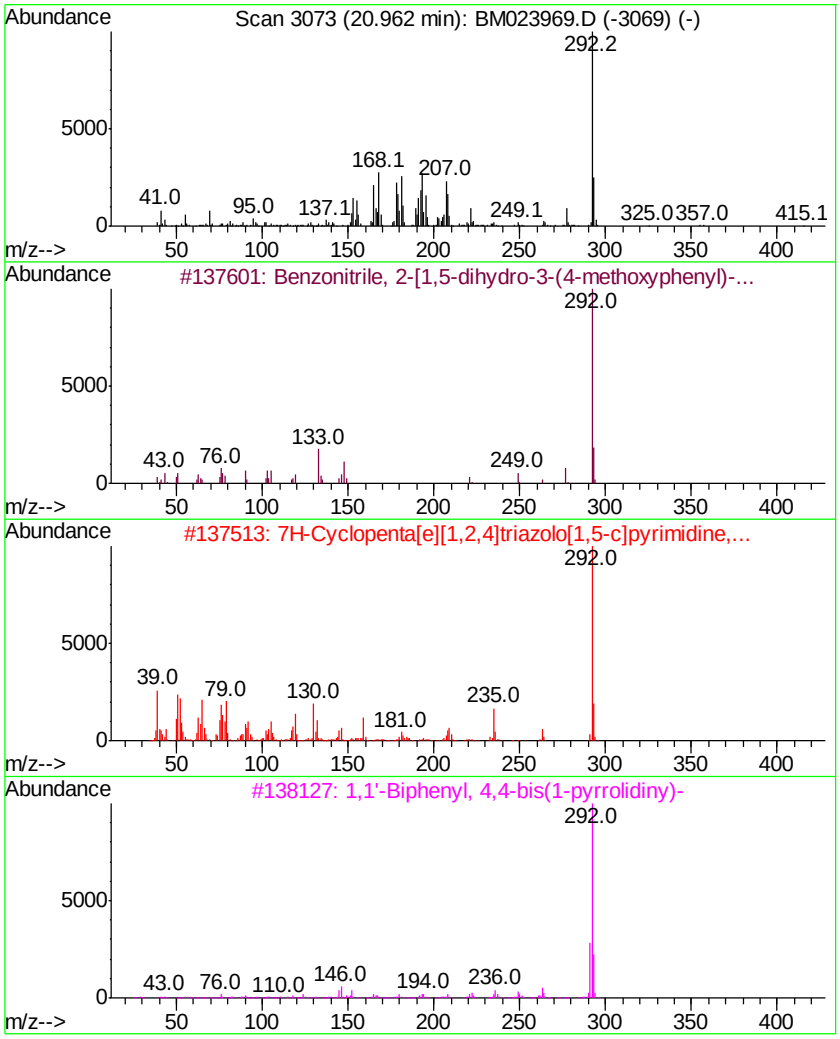
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

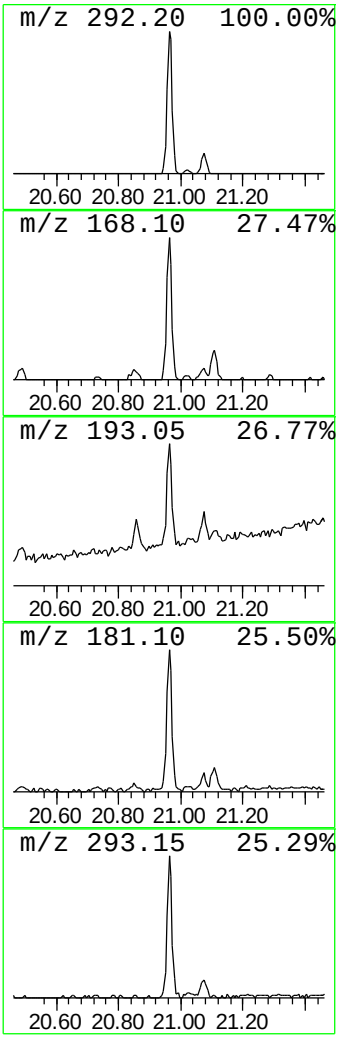
****

Peak Number 5 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	2.30 ng/ul	593546	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 2-[1,5-dihydro-3-(...	292	C16H12N4O2	1000349-81-5	35
2	7H-Cyclopenta[e][1,2,4]triazolo[...	292	C15H12N6O	1000350-92-3	35
3	1,1'-Biphenyl, 4,4-bis(1-pyrroli...	292	C20H24N2	1000193-54-6	35
4	1-Benzylpyrene	292	C23H16	042211-34-7	35
5	2-Butyl-4-phenoxy-1-naphthalenol	292	C20H20O2	253801-46-6	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120319\
Data File : BM023969.D
Acq On : 03 Dec 2019 12:53
Operator : JU
Sample : K5914-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNR0

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

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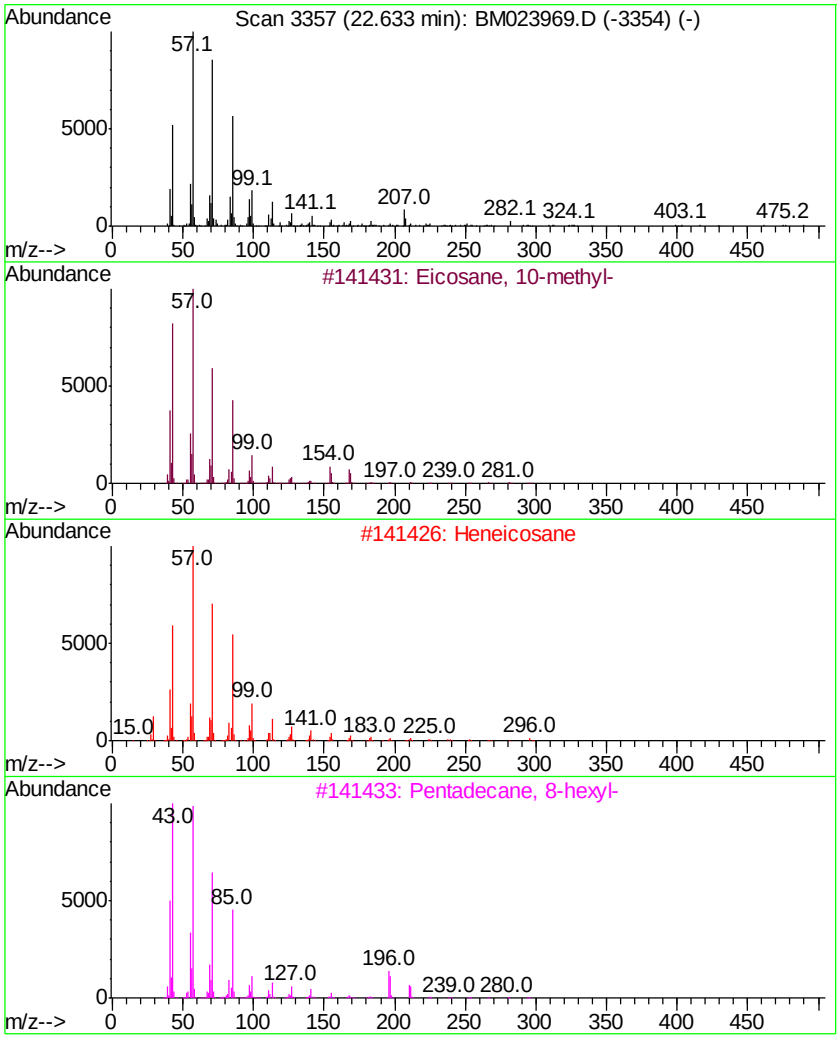
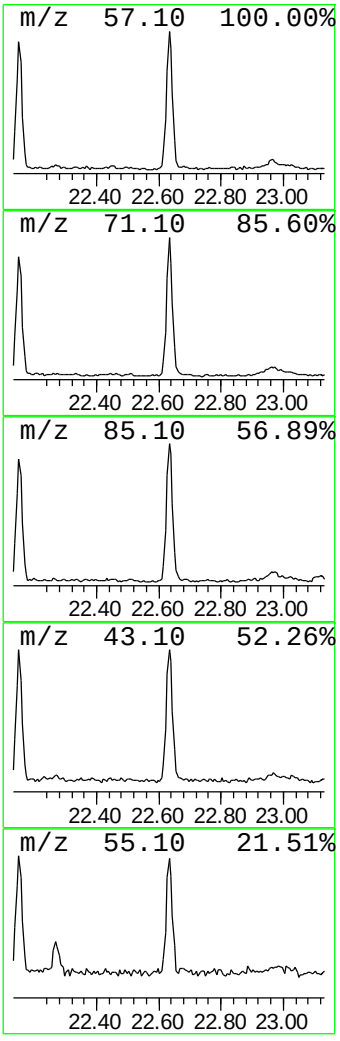
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	2.06 ng/ul	517113	Perylene-d12	23.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Heptacosane	380	C27H56	000593-49-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120319\
Data File : BM023969.D
Acq On : 03 Dec 2019 12:53
Operator : JU
Sample : K5914-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNR0

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	17.83	3.7	ng/ul	1158430	4	16.90	6188580	20.0
(DEL) Alkane: Cyc...	18.70	2.1	ng/ul	640621	4	16.90	6188580	20.0
Octadecanoic acid	19.12	2.2	ng/ul	566388	5	21.11	5164600	20.0
unknown-01	20.86	8.7	ng/ul	2254080	5	21.11	5164600	20.0
unknown-02	20.96	2.3	ng/ul	593546	5	21.11	5164600	20.0
(DEL) Alkane: Str...	22.63	2.1	ng/ul	517113	6	23.25	5013510	20.0