LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052019\
Data File : BM020454.D
Acq On : 21 May 2019 07:48
Operator : JU/SJ
Sample : K2788-11
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51A0

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-BM051619MA.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	6.898	659	665	677	rBV	365852	630777	24.39%	2.453%
2	7.075	689	695	706	rBV	286108	476398	18.42%	1.853%
3	7.263	721	727	738	rVB	410062	659701	25.51%	2.566%
4	7.734	801	807	814	rBV	369434	605826	23.43%	2.356%
5	8.440	920	927	943	rVB	434652	753969	29.15%	2.932%
6	8.898	999	1005	1014	rBV	334134	594172	22.98%	2.311%
7	9.234	1058	1062	1067	rVB2	11508	18322	0.71%	0.071%
8	9.616	1121	1127	1139	rBV	280877	469848	18.17%	1.827%
9	10.145	1211	1217	1232	rBV	451125	810122	31.33%	3.150%
10	10.522	1275	1281	1289	rBV	477222	792852	30.66%	3.083%
11	10.675	1300	1307	1325	rBV	354714	675010	26.10%	2.625%
12	12.128	1549	1554	1558	rBV3	4115	6403	0.25%	0.025%
13	13.351	1759	1762	1769	rVB3	2013	3213	0.12%	0.012%
14	13.798	1831	1838	1842	rBV	816096	1138148	44.01%	4.426%
15	13.839	1842	1845	1856	rVB	328923	461799	17.86%	1.796%
16	14.080	1879	1886	1899	rBV	968722	1400370	54.15%	5.446%
17	14.257	1913	1916	1920	rVB3	2608	2778	0.11%	0.011%
18	14.310	1920	1925	1930	rVB2	5115	7371	0.29%	0.029%
19	14.386	1930	1938	1949	rBV2	727358	1044455	40.39%	4.062%
20	14.604	1969	1975	1994	rBV	185438	393106	15.20%	1.529%
21	14.792	2004	2007	2011	rBV4	4872	6203	0.24%	0.024%
22	15.157	2066	2069	2071	rBV	3138	3439	0.13%	0.013%
23	15.216	2076	2079	2083	rVB3	5479	6207	0.24%	0.024%
24	15.380	2101	2107	2125	rBV	1197741	1706003	65.97%	6.634%
25	15.527	2127	2132	2139	rVB	52654	71964	2.78%	0.280%
26	15.621	2144	2148	2152	rVB	11783	15422	0.60%	0.060%
27	15.916	2196	2198	2201	rVB	2615	2961	0.11%	0.012%
28	15.951	2201	2204	2208	rBV2	2384	4198	0.16%	0.016%
29	16.098	2222	2229	2237	rBV	31839	52570	2.03%	0.204%
30	16.163	2237	2240	2244	rVB4	4760	5975	0.23%	0.023%
31	16.321	2261	2267	2273	rBV2	13158	19002	0.73%	0.074%
32	16.486	2292	2295	2296	rBV	3576	3271	0.13%	0.013%
33	16.533	2299	2303	2305	rVV2	2608	3994	0.15%	0.016%
34	16.639	2317	2321	2327	rBV4	5247	8789	0.34%	0.034%

LSC Area Percent Report

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Sample : K2788-11
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51A0

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-BM051619MA.M
Title : SVOA CALIBRATION

35	16.733	2334	2337	2340	rBV4	1857	2908	0.11%	0.011%
36	16.821	2350	2352	2355	rVV2	1896	2721	0.11%	0.011%
37	16.927	2367	2370	2375	rVB5	5292	7367	0.28%	0.029%
38	17.139	2400	2406	2416	rBV2	880611	1288983	49.84%	5.013%
39	17.239	2416	2423	2435	rVV2	1243982	1842672	71.25%	7.166%
40	17.333	2438	2439	2443	rVV4	3037	3847	0.15%	0.015%
41	17.404	2447	2451	2459	rBV7	16305	36603	1.42%	0.142%
42	17.886	2530	2533	2538	rBV6	4597	9884	0.38%	0.038%
43	18.021	2551	2556	2567	rBV2	190860	317336	12.27%	1.234%
44	18.304	2601	2604	2611	rVB8	8378	17210	0.67%	0.067%
45	18.386	2611	2618	2619	rBV5	9482	16882	0.65%	0.066%
46	18.627	2658	2659	2662	rBV3	6777	3937	0.15%	0.015%
47	18.857	2696	2698	2701	rBV3	9170	11921	0.46%	0.046%
48	19.174	2746	2752	2755	rBV2	34748	68874	2.66%	0.268%
49	19.304	2770	2774	2780	rBV2	81003	142617	5.51%	0.555%
50	19.539	2809	2814	2823	rBV	1539823	2135109	82.56%	8.303%
51	20.456	2964	2970	2980	rBV	831299	1166111	45.09%	4.535%
52	21.027	3064	3067	3075	rBV2	179790	266151	10.29%	1.035%
53	21.333	3115	3119	3124	rBV	1125050	1395689	53.97%	5.428%
54	23.468	3475	3482	3494	rVB2	1222699	2586159	100.00%	10.057%
55	23.615	3501	3507	3514	rVB	808234	1536522	59.41%	5.975%

Sum of corrected areas: 25714141

LSC Report - Integrated Chromatogram

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Data File : BM020454.D
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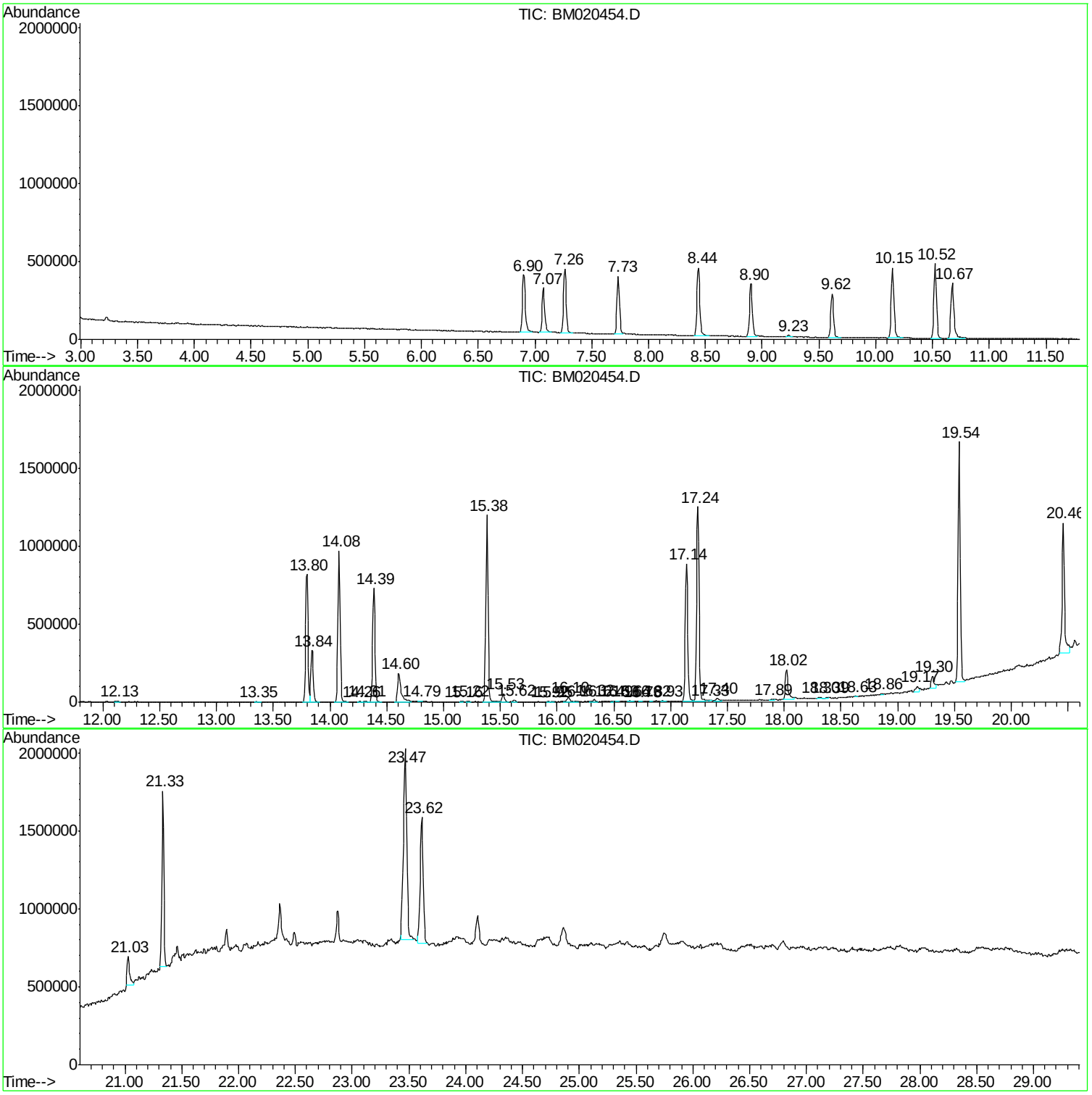
Operator : JU/SJ
Sample : K2788-11
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51A0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.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\BM052019\
Data File : BM020454.D
Acq On : 21 May 2019 07:48
Operator : JU/SJ
Sample : K2788-11
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51A0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

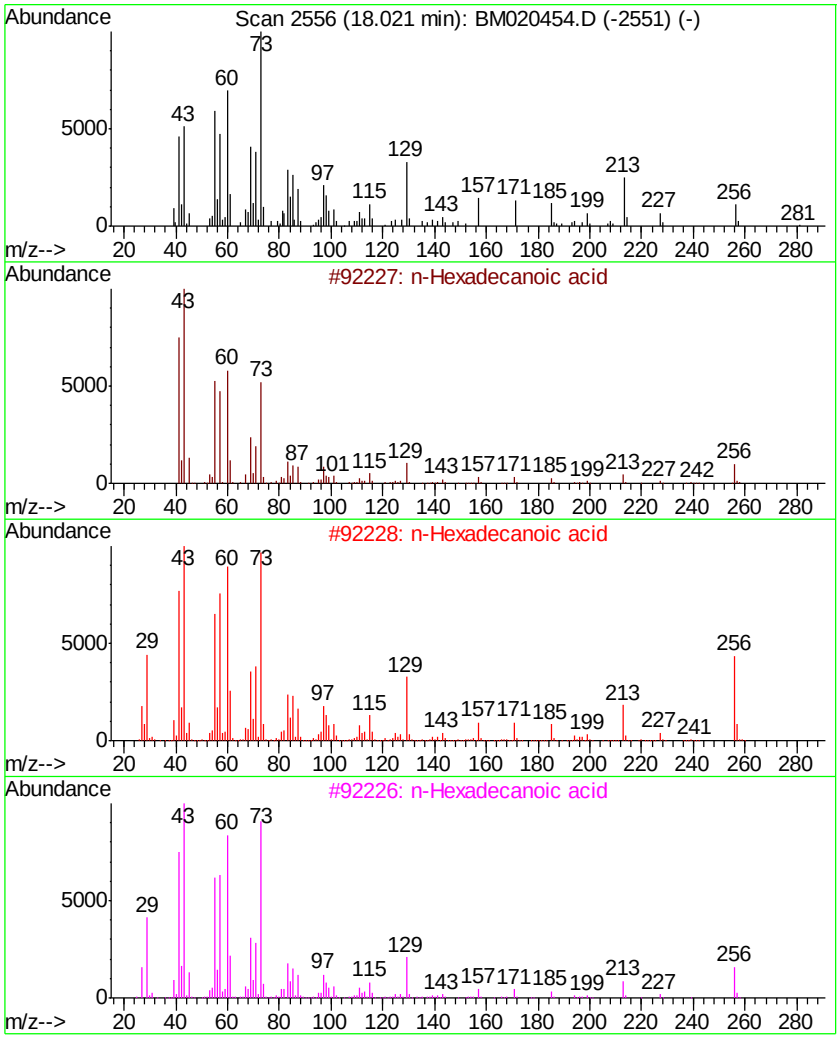
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

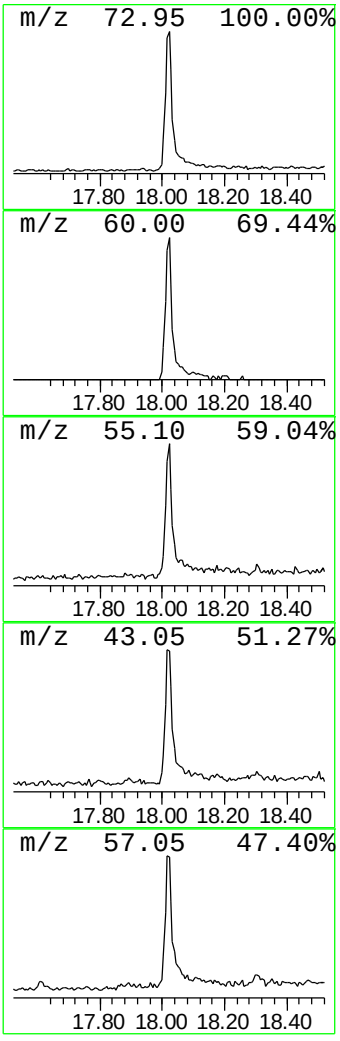
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	4.92 ng/ul	317336	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	62





Library Search Compound Report

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Sample : K2788-11
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51A0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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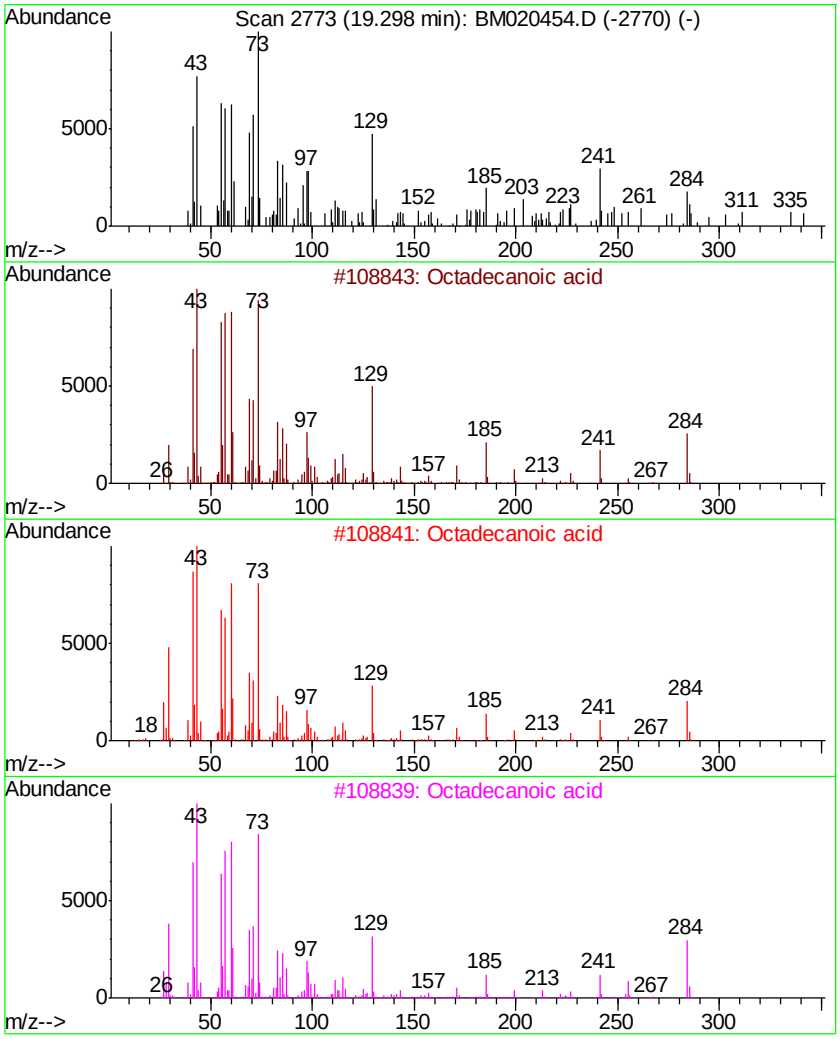
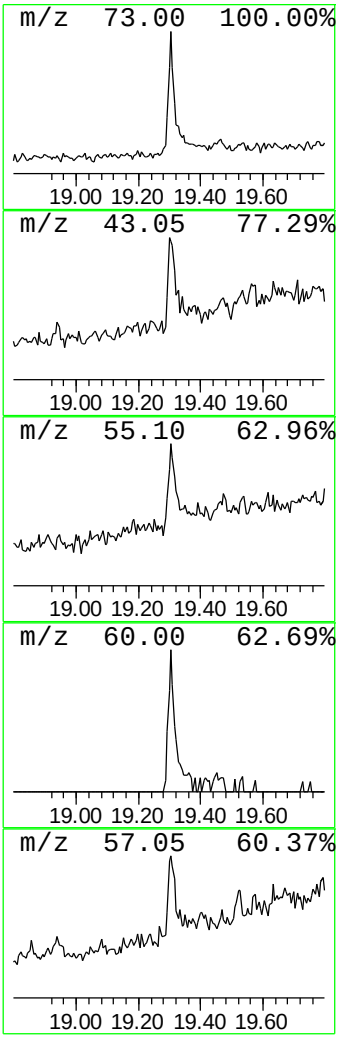
Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	2.04 ng/ul	142617	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Octadecanoic acid	284	C18H36O2	000057-11-4	96
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052019\
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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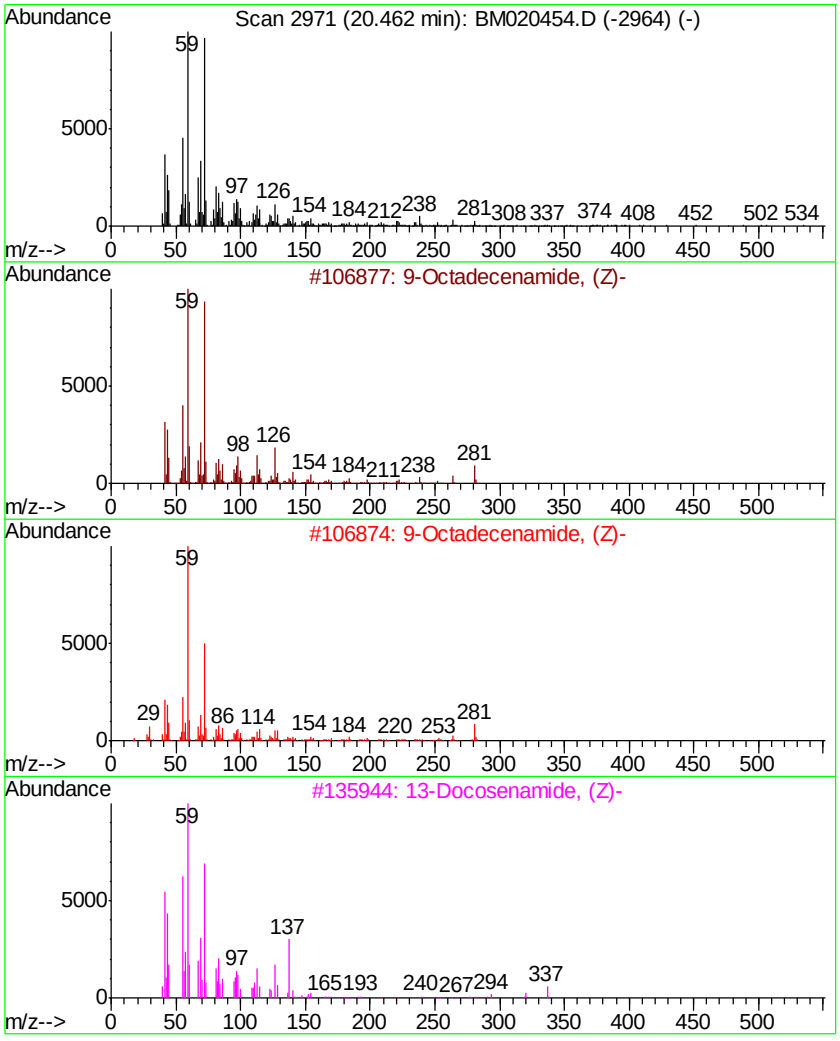
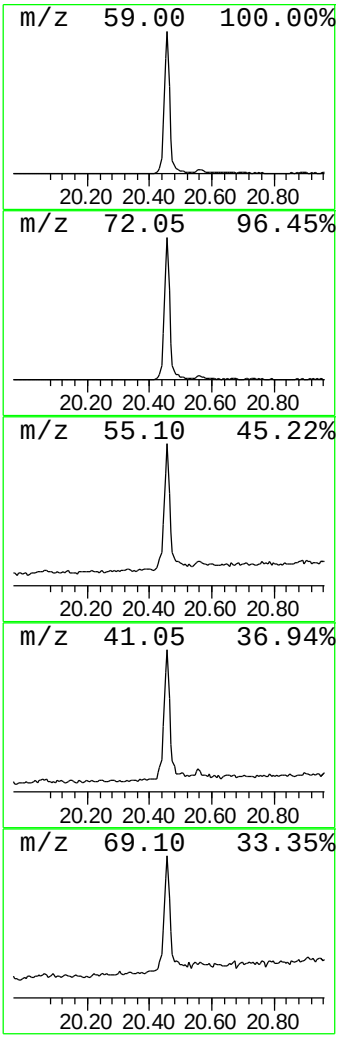
Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.46	16.71 ng/ul	1166110	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
3	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	46
4	Dodecanamide	199	C12H25NO	001120-16-7	38
5	Octanamide	143	C8H17NO	000629-01-6	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052019\
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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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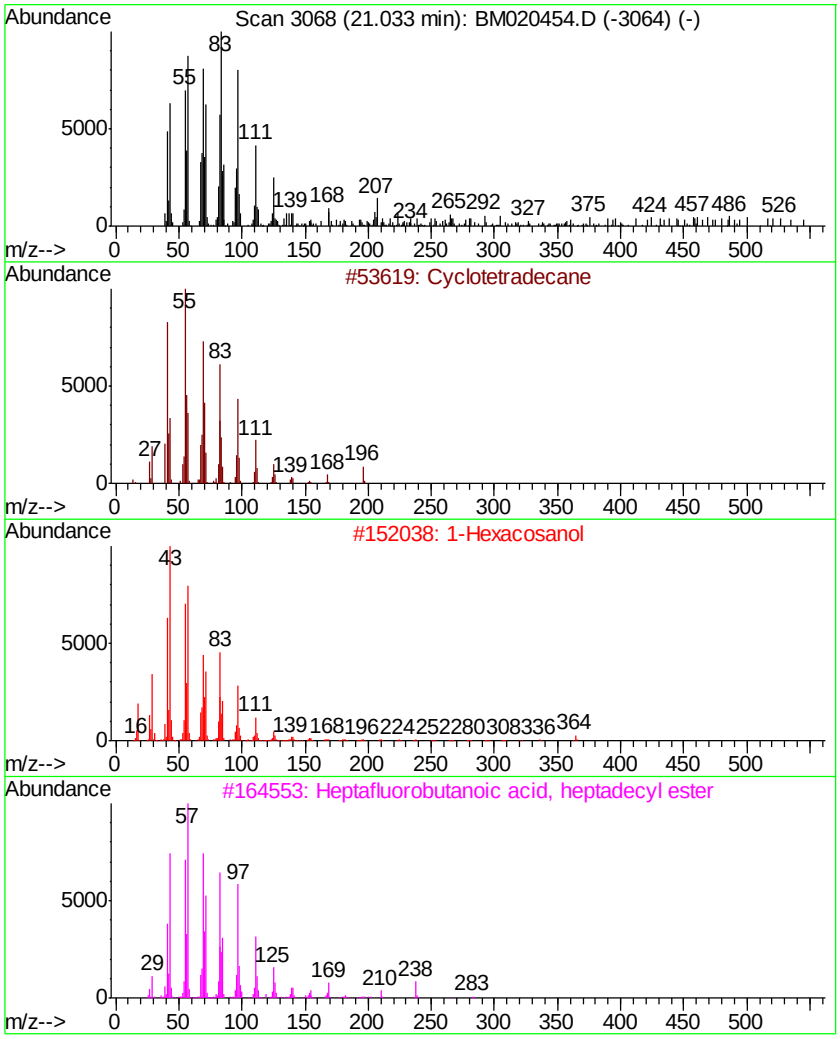
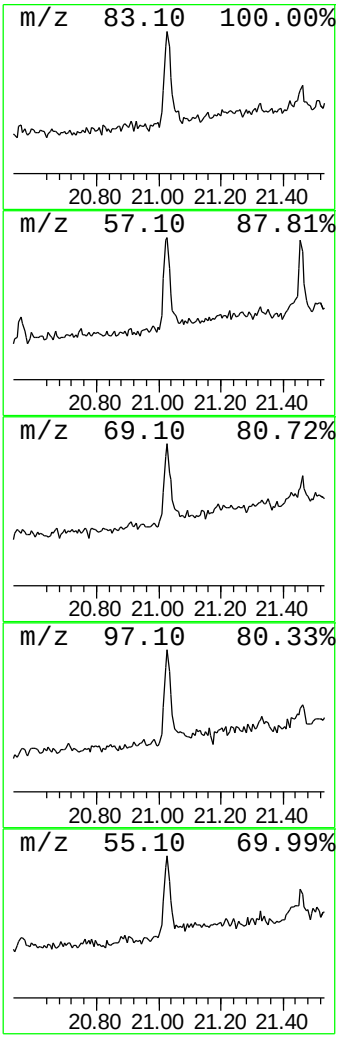
Peak Number 4 (DEL) Alkane: Cyclic21.03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	3.81 ng/ul	266151	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	91
2	1-Hexacosanol	382	C26H54O	000506-52-5	91
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	90
4	1-Nonadecene	266	C19H38	018435-45-5	89
5	Cyclotriacontane	420	C30H60	000297-35-8	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
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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	18.02	4.9	ng/ul	317336	4	17.14	1288980	20.0
Octadecanoic acid	19.30	2.0	ng/ul	142617	5	21.33	1395690	20.0
9-Octadecenamide,...	20.46	16.7	ng/ul	1166110	5	21.33	1395690	20.0
(DEL) Alkane: Cyc...	21.03	3.8	ng/ul	266151	5	21.33	1395690	20.0