LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070519\
Data File : BM021392.D
Acq On : 05 Jul 2019 12:12
Operator : HP/JU
Sample : K3675-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AF3

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-BM061419MA.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	6.922	663	669	683	rVB	777007	1335830	20.88%	2.195%
2	7.087	691	697	707	rBV	556636	887156	13.87%	1.458%
3	7.281	723	730	741	rVB	792014	1289434	20.16%	2.119%
4	7.745	802	809	816	rBV	570492	920595	14.39%	1.513%
5	7.798	816	818	823	rVB	14374	18923	0.30%	0.031%
6	8.451	923	929	940	rBV	1024917	1678060	26.23%	2.758%
7	8.904	999	1006	1017	rBV	807619	1354433	21.17%	2.226%
8	9.057	1030	1032	1043	rVB5	7809	10747	0.17%	0.018%
9	9.263	1063	1067	1073	rVB2	23878	36052	0.56%	0.059%
10	9.622	1121	1128	1138	rBV	703698	1172328	18.33%	1.927%
11	10.157	1212	1219	1231	rBV	1154924	1945450	30.41%	3.197%
12	10.351	1245	1252	1256	rBV6	4256	7591	0.12%	0.012%
13	10.527	1275	1282	1289	rBV	931420	1499628	23.44%	2.464%
14	10.680	1300	1308	1325	rBV	1037195	1895941	29.64%	3.116%
15	11.757	1488	1491	1497	rVB3	5708	8658	0.14%	0.014%
16	12.121	1549	1553	1559	rVB2	16663	25419	0.40%	0.042%
17	13.192	1730	1735	1739	rVB5	6383	7821	0.12%	0.013%
18	13.274	1744	1749	1754	rVV	51559	82277	1.29%	0.135%
19	13.339	1757	1760	1766	rVB4	4932	8321	0.13%	0.014%
20	13.798	1829	1838	1843	rBV	2114732	2974892	46.50%	4.889%
21	13.845	1843	1846	1854	rVB	660871	910954	14.24%	1.497%
22	14.080	1879	1886	1897	rVB	2558886	3770260	58.93%	6.196%
23	14.268	1916	1918	1923	rVB2	7132	8659	0.14%	0.014%
24	14.386	1932	1938	1949	rBV2	1589815	2335119	36.50%	3.837%
25	14.615	1970	1977	1995	rBV	575850	1149921	17.97%	1.890%
26	14.827	2010	2013	2019	rVB7	11315	15951	0.25%	0.026%
27	15.180	2067	2073	2076	rBV4	7943	13887	0.22%	0.023%
28	15.227	2076	2081	2084	rVB2	15882	21276	0.33%	0.035%
29	15.380	2101	2107	2115	rBV	3510874	4885002	76.36%	8.028%
30	15.515	2124	2130	2142	rBV	754331	1032712	16.14%	1.697%
31	15.621	2142	2148	2154	rVB	42879	58404	0.91%	0.096%
32	15.774	2171	2174	2180	rVB6	5563	10080	0.16%	0.017%
33	16.092	2224	2228	2233	rBV7	10175	16529	0.26%	0.027%
34	16.162	2237	2240	2245	rVB5	10811	15128	0.24%	0.025%

LSC Area Percent Report

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Sample : K3675-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AF3

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-BM061419MA.M
Title : SVOA CALIBRATION

35	16.256	2251	2256	2262	rVB5	13755	20169	0.32%	0.033%
36	16.339	2265	2270	2272	rBV5	4914	7526	0.12%	0.012%
37	16.762	2336	2342	2347	rBV6	6580	15893	0.25%	0.026%
38	16.886	2359	2363	2366	rBV4	8256	13067	0.20%	0.021%
39	16.921	2366	2369	2376	rVB3	10364	17806	0.28%	0.029%
40	17.139	2399	2406	2414	rVV2	2210646	3174648	49.62%	5.217%
41	17.239	2416	2423	2437	rVB	3825439	5483404	85.71%	9.011%
42	17.421	2450	2454	2458	rBV4	4378	7114	0.11%	0.012%
43	17.521	2467	2471	2479	rBV7	15019	31425	0.49%	0.052%
44	17.621	2484	2488	2491	rBV5	7812	11483	0.18%	0.019%
45	17.798	2515	2518	2522	rVB4	10404	13826	0.22%	0.023%
46	18.027	2551	2557	2568	rBV	189652	304576	4.76%	0.501%
47	18.321	2603	2607	2610	rBV2	21487	30149	0.47%	0.050%
48	18.898	2700	2705	2710	rBV3	34988	63988	1.00%	0.105%
49	18.950	2711	2714	2717	rBV3	18441	22457	0.35%	0.037%
50	19.086	2735	2737	2740	rBV4	7800	10336	0.16%	0.017%
51	19.168	2747	2751	2756	rBV	50182	75094	1.17%	0.123%
52	19.309	2771	2775	2783	rBV7	38495	61126	0.96%	0.100%
53	19.421	2790	2794	2796	rBV	32693	43498	0.68%	0.071%
54	19.456	2796	2800	2806	rVB	359790	400495	6.26%	0.658%
55	19.533	2807	2813	2819	rBV	4828046	6397408	100.00%	10.513%
56	19.656	2832	2834	2838	rVB4	15341	12279	0.19%	0.020%
57	20.068	2901	2904	2908	rVB2	40106	51564	0.81%	0.085%
58	20.503	2974	2978	2983	rBV	369427	394237	6.16%	0.648%
59	20.562	2985	2988	2992	rVV2	77911	88378	1.38%	0.145%
60	21.033	3064	3068	3077	rBV3	495676	855588	13.37%	1.406%
61	21.103	3078	3080	3084	rVB	76308	86902	1.36%	0.143%
62	21.321	3112	3117	3124	rBV	2473845	3151550	49.26%	5.179%
63	21.462	3139	3141	3144	rVB3	85472	72000	1.13%	0.118%
64	21.897	3213	3215	3218	rBV2	86798	87977	1.38%	0.145%
65	23.444	3471	3478	3486	rBV	2856752	5436591	84.98%	8.934%
66	23.591	3496	3503	3515	rVB2	1535058	3005309	46.98%	4.939%

Sum of corrected areas: 60851301

LSC Report - Integrated Chromatogram

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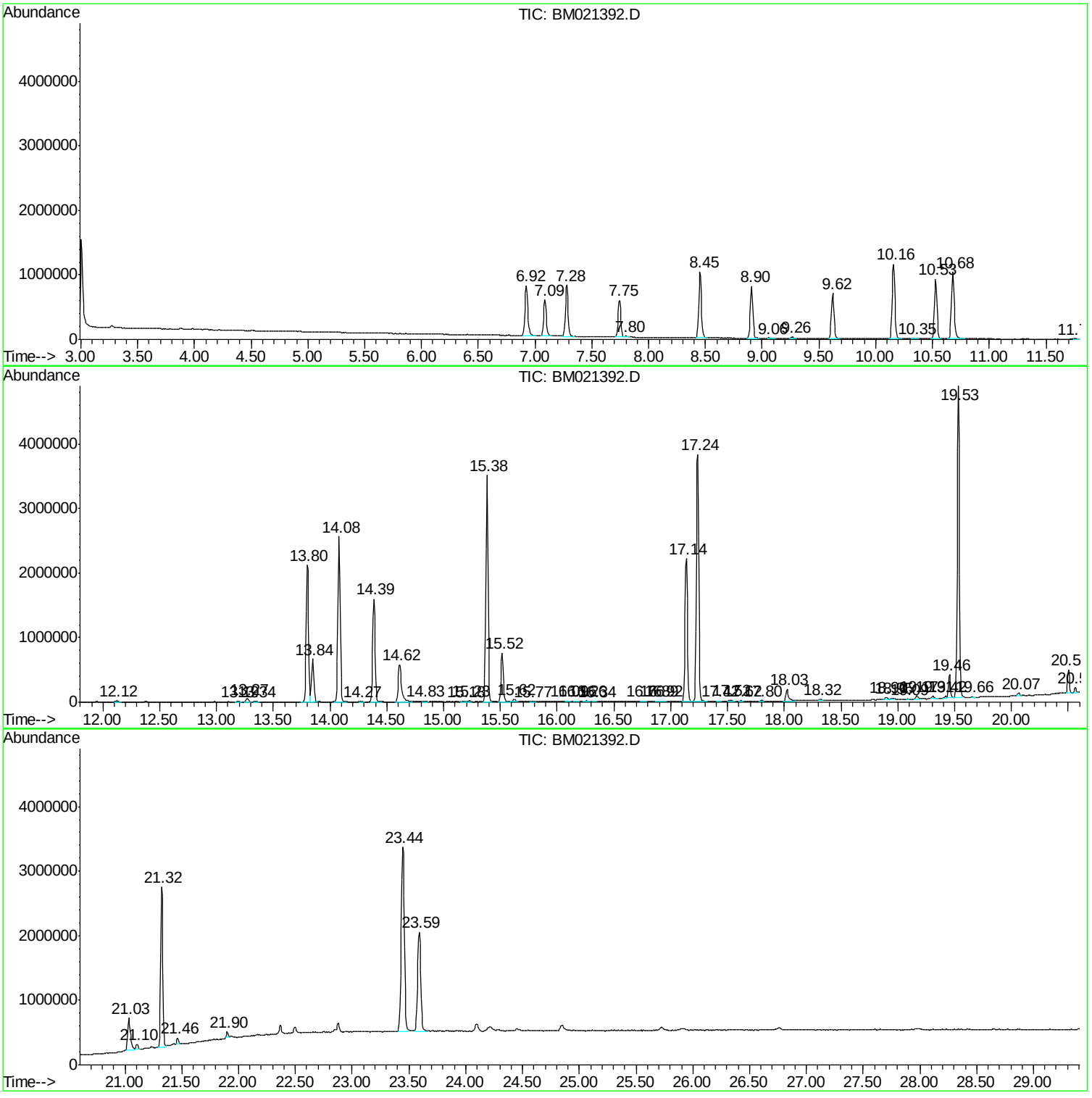
Instrument : BNA_M
ClientSampleId : C5AF3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.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\BM070519\
Data File : BM021392.D
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Instrument : BNA_M
ClientSampleId : C5AF3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

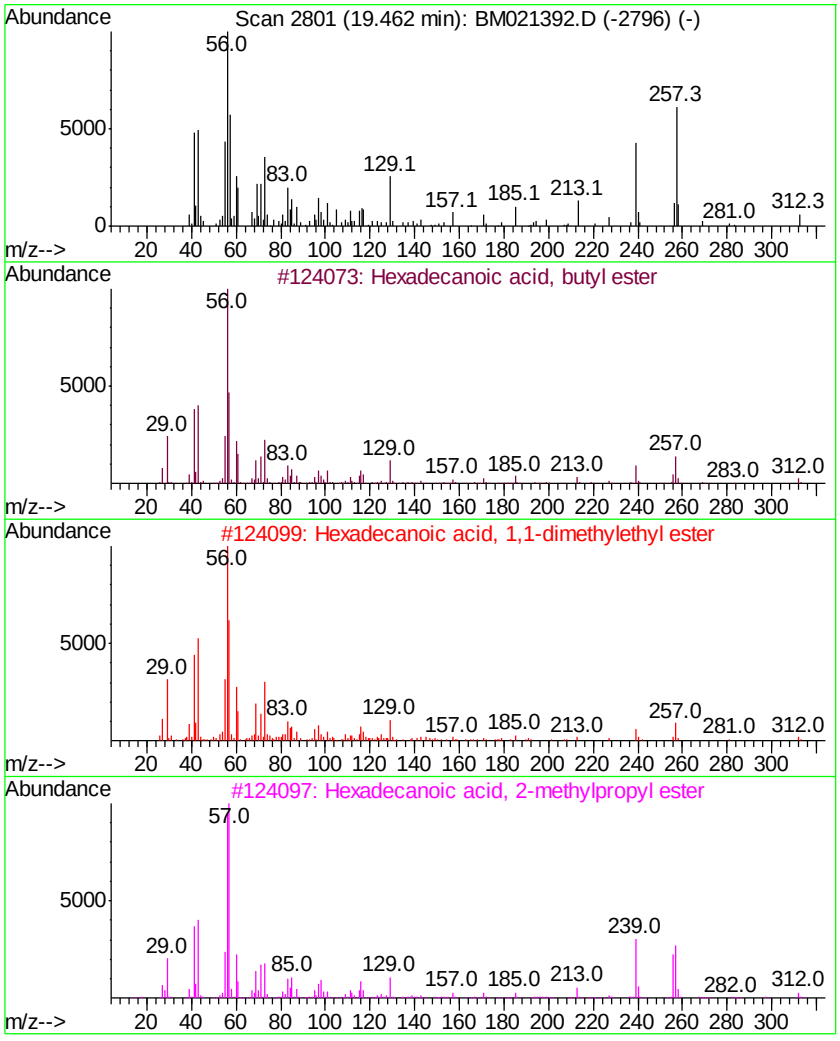
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

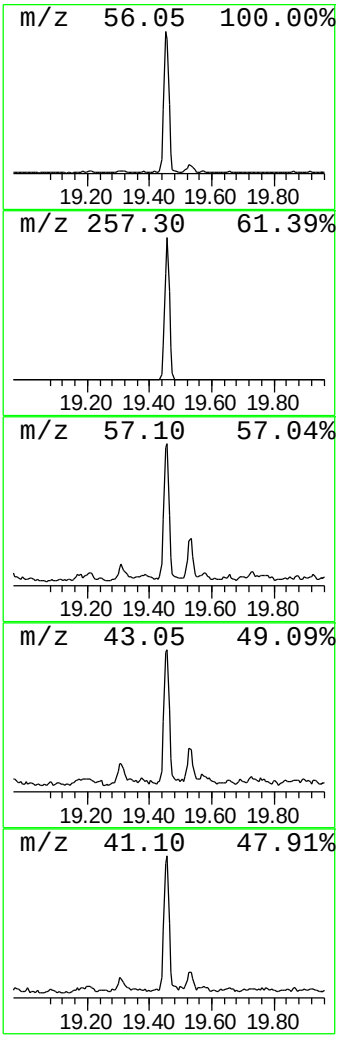
****

Peak Number 1 Hexadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.46	2.54 ng/ul	400495	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	96
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	93
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	93
4	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	87
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	22





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Sample : K3675-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AF3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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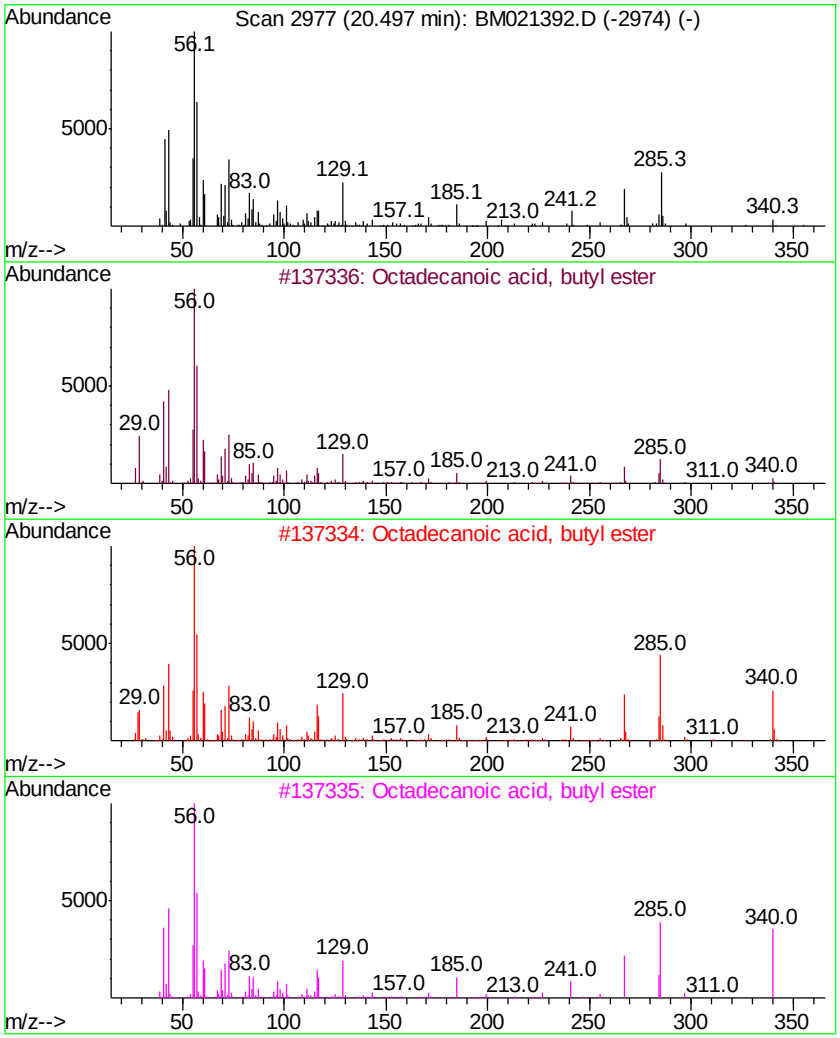
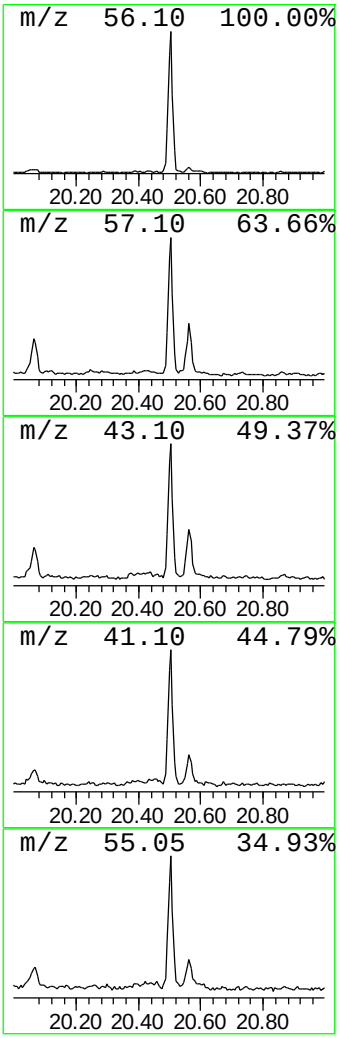
Peak Number 2 Octadecanoic acid, butyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.50	2.50 ng/ul	394237	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	96
2	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
3	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	86
4	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	86
5	n-Butyl myristate	284	C18H36O2	000110-36-1	50





Library Search Compound Report

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Acq On : 05 Jul 2019 12:12
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Sample : K3675-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AF3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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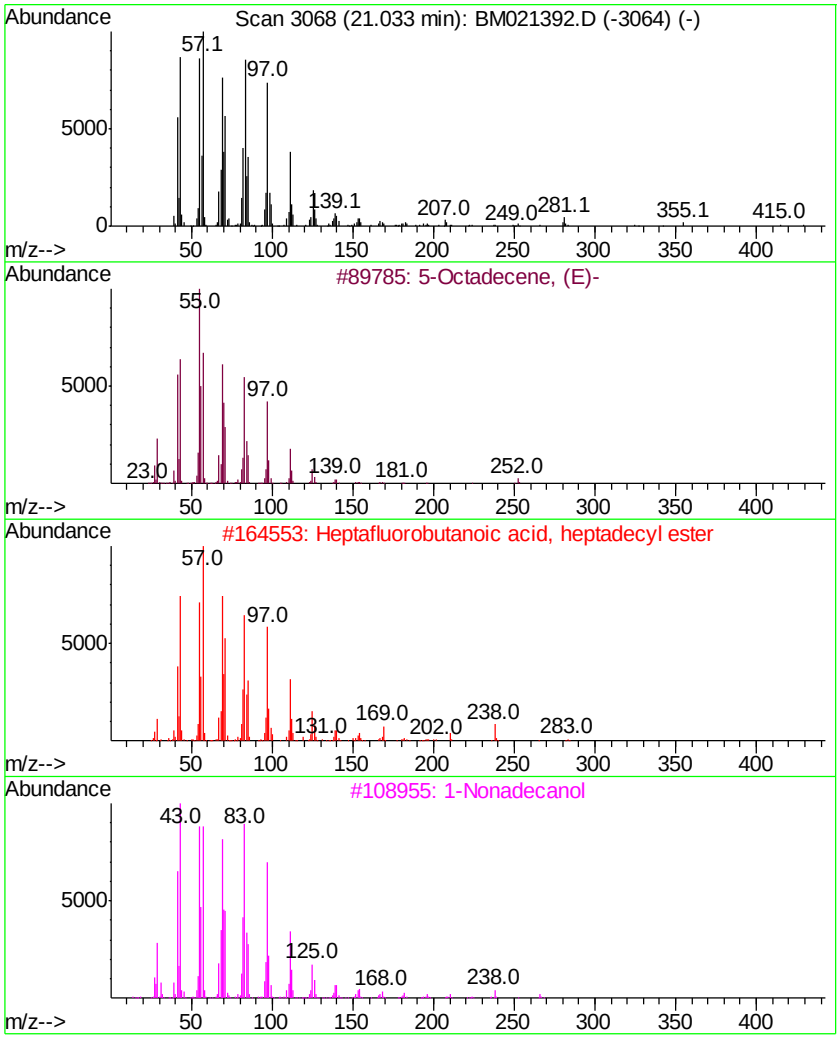
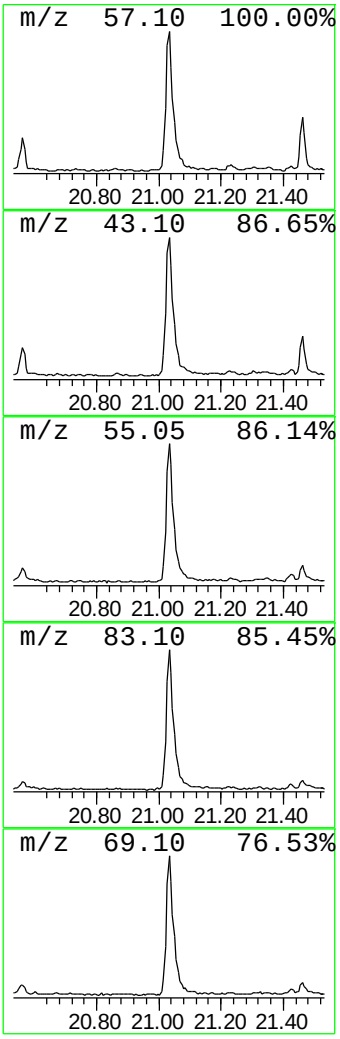
Peak Number 3 (DEL) Alkane: Cyclic21.03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	5.43 ng/ul	855588	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	94
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
3	1-Nonadecanol	284	C19H40O	001454-84-8	94
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
5	1-Hexadecene	224	C16H32	000629-73-2	93





Tentatively Identified Compound (LSC) summary

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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
Hexadecanoic acid...	19.46	2.5	ng/ul	400495	5	21.32	3151550	20.0
Octadecanoic acid...	20.50	2.5	ng/ul	394237	5	21.32	3151550	20.0
(DEL) Alkane: Cyc...	21.03	5.4	ng/ul	855588	5	21.32	3151550	20.0