

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
 Data File : BM019882.D
 Acq On : 11 Apr 2019 03:05
 Operator : JU/SJ
 Sample : K2255-22
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFC49

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 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-BM032219MA.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	3.116	19	22	32	rVB	39497	63491	2.50%	0.266%
2	3.616	103	107	113	rBV	26522	38147	1.50%	0.160%
3	3.804	136	139	143	rBV4	3963	6401	0.25%	0.027%
4	4.345	230	231	238	rVB3	4101	5489	0.22%	0.023%
5	4.698	287	291	297	rVV5	3984	8054	0.32%	0.034%
6	6.534	599	603	607	rVB2	4094	5221	0.21%	0.022%
7	6.751	633	640	654	rBV	182297	405968	15.97%	1.700%
8	6.910	661	667	682	rBV	167697	328095	12.91%	1.374%
9	7.086	692	697	711	rVB	266490	456648	17.96%	1.912%
10	7.551	769	776	784	rBV	485670	805561	31.69%	3.373%
11	8.275	893	899	917	rBV	224896	474334	18.66%	1.986%
12	8.728	969	976	993	rBV	210310	415680	16.35%	1.740%
13	8.863	996	999	1005	rVB4	3653	6022	0.24%	0.025%
14	9.033	1023	1028	1031	rVB2	7553	10948	0.43%	0.046%
15	9.439	1090	1097	1108	rBV	173793	336991	13.26%	1.411%
16	9.716	1140	1144	1154	rBV5	8010	22301	0.88%	0.093%
17	9.980	1183	1189	1203	rBV	193816	477100	18.77%	1.998%
18	10.269	1234	1238	1242	rBV2	10576	14154	0.56%	0.059%
19	10.327	1242	1248	1256	rVV	667590	1080208	42.49%	4.523%
20	10.445	1264	1268	1273	rVB2	10853	16377	0.64%	0.069%
21	10.516	1273	1280	1295	rBV	89426	261760	10.30%	1.096%
22	10.774	1319	1324	1328	rVB3	12112	19414	0.76%	0.081%
23	10.951	1350	1354	1358	rVB3	4169	5698	0.22%	0.024%
24	11.127	1376	1384	1387	rBV5	7213	16327	0.64%	0.068%
25	11.210	1393	1398	1404	rVB2	7074	12444	0.49%	0.052%
26	11.310	1410	1415	1426	rBV3	25799	54264	2.13%	0.227%
27	11.386	1426	1428	1436	rVB7	3834	7046	0.28%	0.030%
28	11.474	1436	1443	1445	rBV6	4687	8556	0.34%	0.036%
29	11.569	1452	1459	1463	rBV3	15341	26880	1.06%	0.113%
30	11.727	1478	1486	1492	rBV2	32453	53675	2.11%	0.225%
31	11.804	1495	1499	1502	rBV3	3328	5256	0.21%	0.022%
32	11.869	1504	1510	1511	rBV5	4680	7814	0.31%	0.033%
33	11.951	1517	1524	1529	rVB5	12088	26535	1.04%	0.111%
34	12.033	1535	1538	1544	rBV5	3158	4731	0.19%	0.020%

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35	12.133	1551	1555	1559	rVB4	4061	4589	0.18%	0.019%
36	12.180	1561	1563	1568	rVV5	4462	5714	0.22%	0.024%
37	12.368	1590	1595	1600	rBV4	11847	17939	0.71%	0.075%
38	12.492	1611	1616	1617	rBV3	10440	13301	0.52%	0.056%
39	12.557	1623	1627	1631	rBV5	6125	9858	0.39%	0.041%
40	12.598	1631	1634	1639	rVB5	6311	7537	0.30%	0.032%
41	12.651	1639	1643	1646	rBV3	7358	11626	0.46%	0.049%
42	12.698	1646	1651	1656	rVB	42570	55526	2.18%	0.232%
43	12.939	1687	1692	1694	rVV5	6931	10741	0.42%	0.045%
44	12.998	1694	1702	1710	rVV2	62159	117147	4.61%	0.490%
45	13.086	1713	1717	1721	rVV6	10750	18096	0.71%	0.076%
46	13.127	1721	1724	1726	rVV4	4668	6103	0.24%	0.026%
47	13.163	1726	1730	1734	rVV6	7157	11936	0.47%	0.050%
48	13.233	1738	1742	1748	rVB7	5577	10293	0.40%	0.043%
49	13.398	1765	1770	1772	rBV4	5531	9457	0.37%	0.040%
50	13.574	1797	1800	1801	rBV3	7233	7809	0.31%	0.033%
51	13.633	1805	1810	1815	rVV	510407	768050	30.21%	3.216%
52	13.680	1815	1818	1830	rVB	125164	226932	8.93%	0.950%
53	13.780	1832	1835	1840	rVB5	8455	10376	0.41%	0.043%
54	13.904	1848	1856	1870	rVB	584296	925660	36.41%	3.876%
55	14.010	1870	1874	1875	rBV3	9786	11428	0.45%	0.048%
56	14.086	1881	1887	1893	rBV	71782	107551	4.23%	0.450%
57	14.151	1896	1898	1902	rVV5	9356	13263	0.52%	0.056%
58	14.210	1902	1908	1919	rVV2	846067	1348566	53.05%	5.646%
59	14.527	1955	1962	1970	rBV5	54191	170562	6.71%	0.714%
60	14.645	1977	1982	1990	rBV	196488	277062	10.90%	1.160%
61	14.704	1991	1992	1999	rVB3	22074	31595	1.24%	0.132%
62	14.992	2040	2041	2046	rVB5	5995	7043	0.28%	0.029%
63	15.051	2046	2051	2055	rBV	63903	79161	3.11%	0.331%
64	15.215	2073	2079	2088	rBV	725616	1102297	43.36%	4.615%
65	15.386	2103	2108	2113	rBV	87063	148677	5.85%	0.622%
66	15.451	2115	2119	2124	rVB2	44184	70591	2.78%	0.296%
67	15.557	2131	2137	2140	rBV7	7297	12711	0.50%	0.053%
68	15.609	2144	2146	2152	rVV5	8312	14280	0.56%	0.060%
69	15.668	2152	2156	2160	rVB6	9426	13083	0.51%	0.055%
70	15.792	2172	2177	2181	rVB7	11815	18984	0.75%	0.079%
71	15.921	2194	2199	2206	rBV3	58939	128423	5.05%	0.538%

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72	16.080	2224	2226	2228	rBV3	5908	5407	0.21%	0.023%
73	16.262	2253	2257	2259	rBV4	6187	9811	0.39%	0.041%
74	16.286	2259	2261	2264	rVB4	7707	8949	0.35%	0.037%
75	16.374	2272	2276	2281	rBV	59188	86707	3.41%	0.363%
76	16.709	2329	2333	2336	rVV	30249	36054	1.42%	0.151%
77	16.756	2337	2341	2347	rVB3	24760	43244	1.70%	0.181%
78	16.974	2372	2378	2384	rBV2	1019996	1498147	58.93%	6.273%
79	17.074	2389	2395	2404	rBV2	765050	1097048	43.16%	4.593%
80	17.256	2423	2426	2431	rVB2	14560	19062	0.75%	0.080%
81	17.362	2439	2444	2446	rBV6	11052	15368	0.60%	0.064%
82	17.451	2455	2459	2463	rBV3	19212	23014	0.91%	0.096%
83	17.562	2476	2478	2482	rVB5	6660	7362	0.29%	0.031%
84	17.639	2489	2491	2494	rVB4	6695	5604	0.22%	0.023%
85	17.739	2504	2508	2511	rBV5	13828	22889	0.90%	0.096%
86	17.868	2525	2530	2540	rBV	393949	630516	24.80%	2.640%
87	18.145	2575	2577	2583	rVB7	14651	19333	0.76%	0.081%
88	19.045	2721	2730	2735	rBV3	134706	291718	11.48%	1.221%
89	19.086	2735	2737	2745	rVB3	36410	54258	2.13%	0.227%
90	19.156	2745	2749	2762	rBV	223741	447360	17.60%	1.873%
91	19.386	2783	2788	2796	rBV	885701	1338398	52.65%	5.604%
92	19.721	2841	2845	2848	rBV	191721	221582	8.72%	0.928%
93	19.756	2848	2851	2855	rVB	229334	248039	9.76%	1.039%
94	20.697	3008	3011	3013	rBV	93964	105836	4.16%	0.443%
95	20.727	3014	3016	3020	rVB	101588	113921	4.48%	0.477%
96	20.886	3040	3043	3049	rVB2	312290	446736	17.57%	1.870%
97	21.086	3074	3077	3081	rBV	247474	281561	11.08%	1.179%
98	21.186	3090	3094	3100	rBV	1446469	1795986	70.65%	7.520%
99	23.244	3442	3444	3451	rVB2	773573	1176656	46.29%	4.927%
100	23.385	3463	3468	3484	rVB	1203355	2542090	100.00%	10.643%

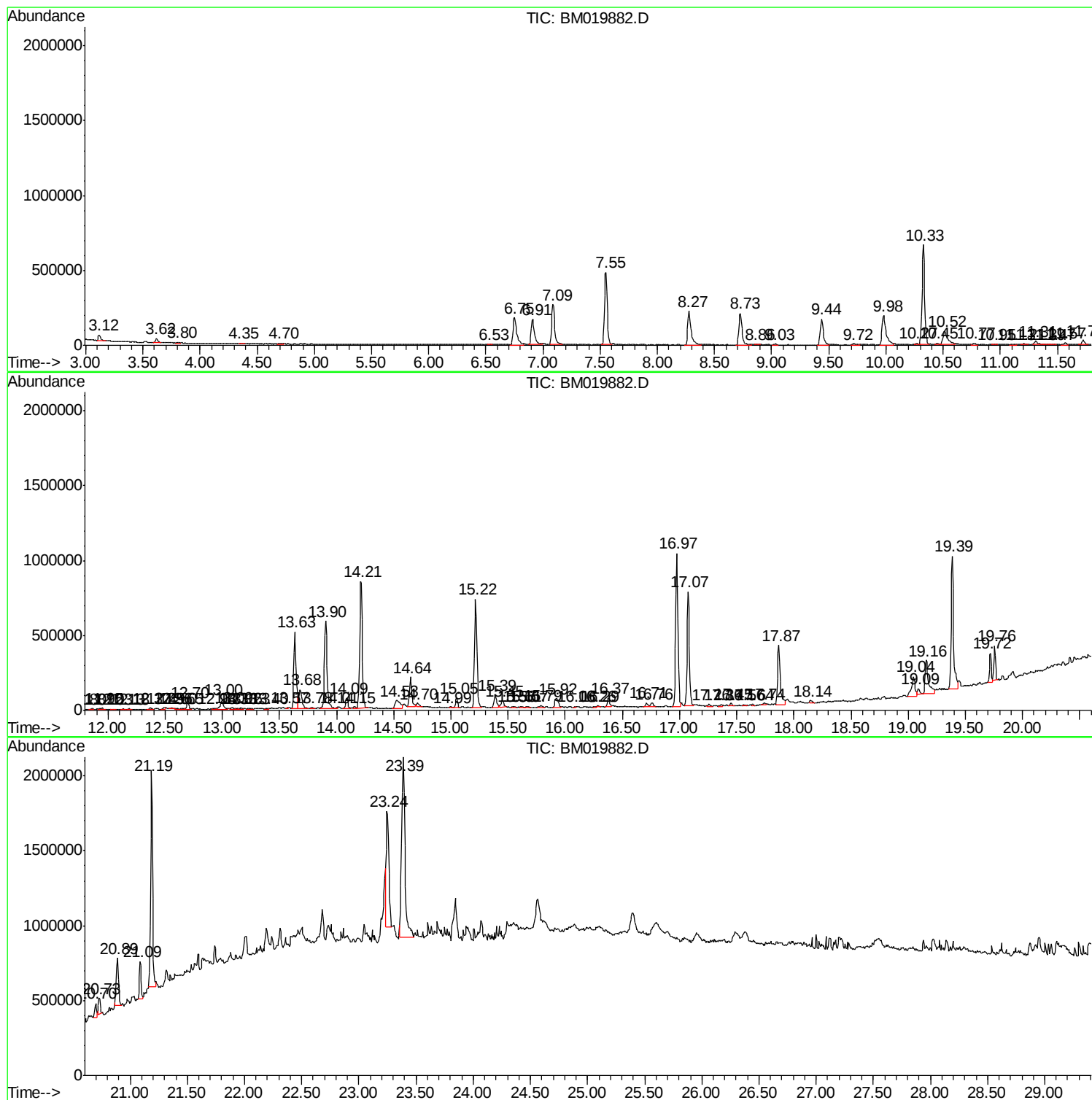
Sum of corrected areas: 23884213

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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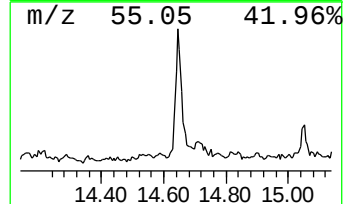
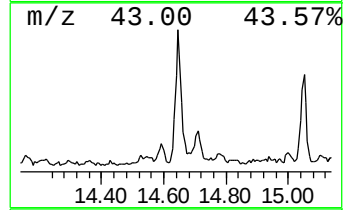
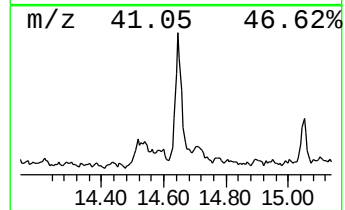
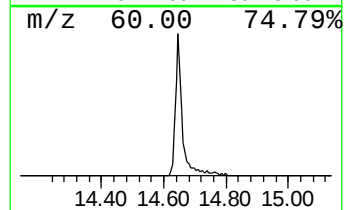
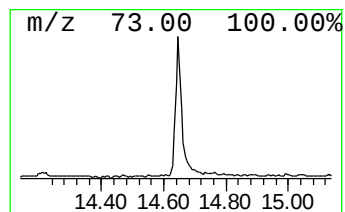
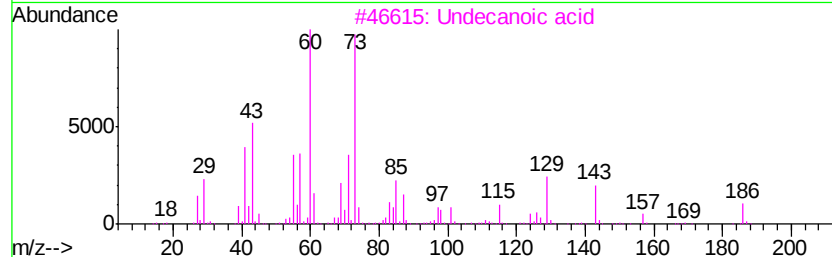
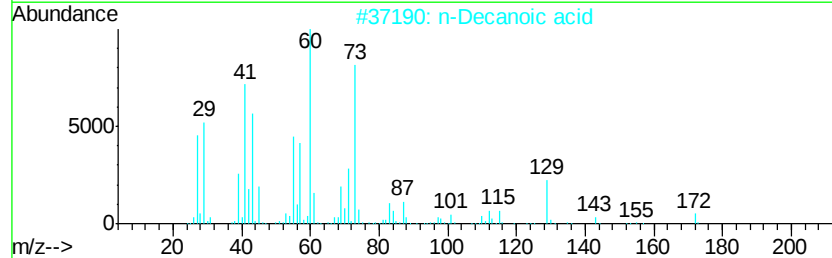
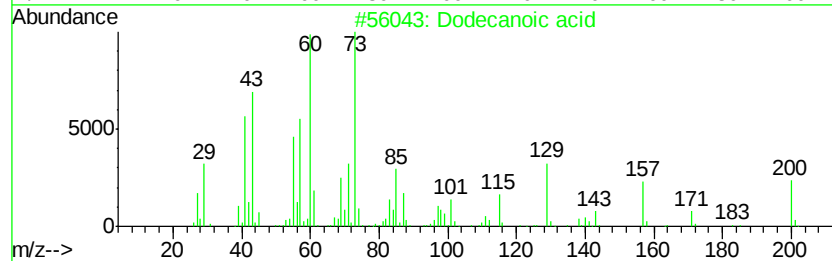
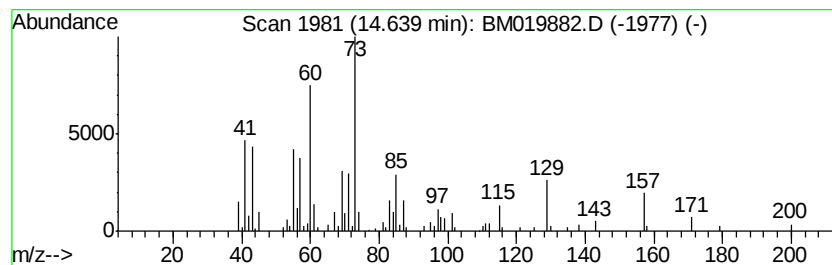
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Dodecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	4.11 ng/ul	277062	Acenaphthene-d10	14.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecanoic acid	200	C12H24O2	000143-07-7	94
2		n-Decanoic acid	172	C10H20O2	000334-48-5	81
3		Undecanoic acid	186	C11H22O2	000112-37-8	80
4		Dodecanoic acid	200	C12H24O2	000143-07-7	64
5		Undecanoic acid	186	C11H22O2	000112-37-8	56



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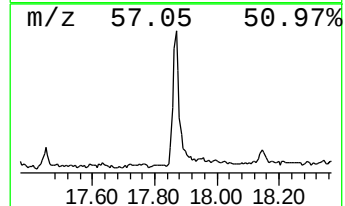
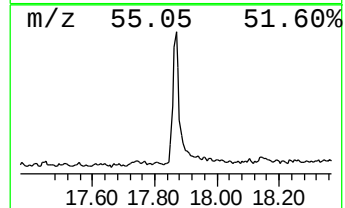
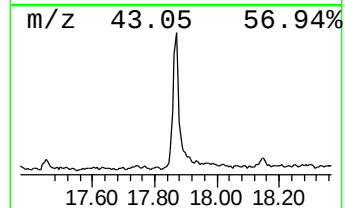
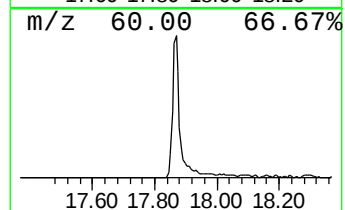
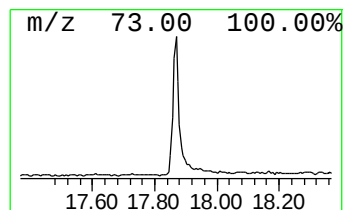
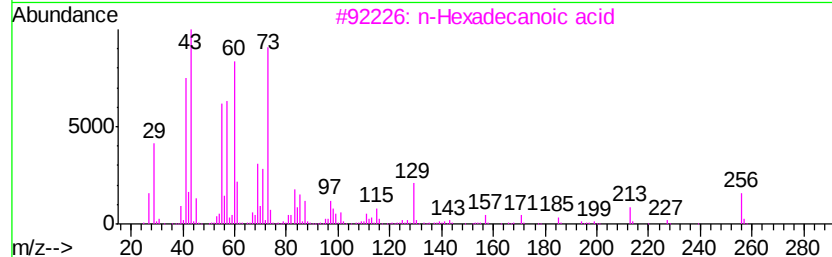
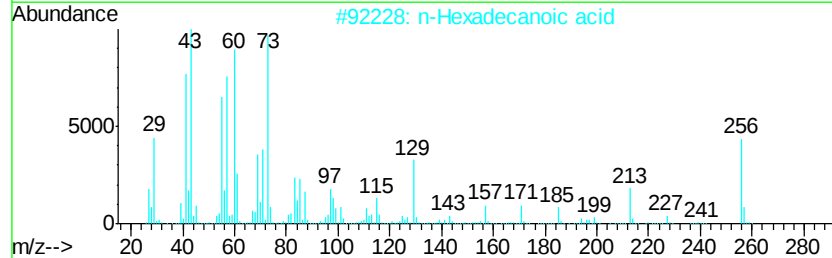
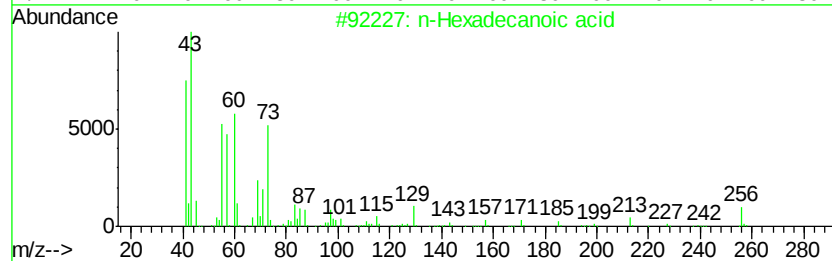
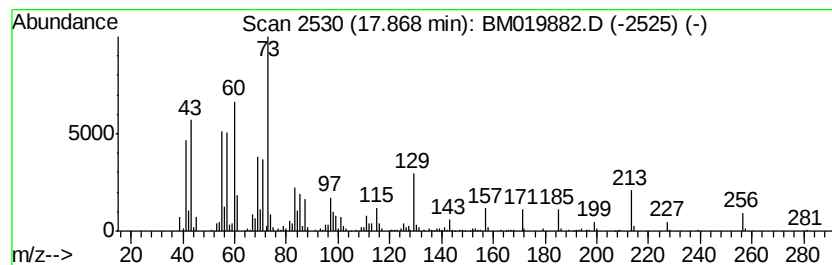
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.87	8.42 ng/ul	630516	Phenanthrene-d10		16.97	
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	96	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	53	



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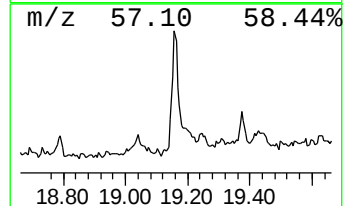
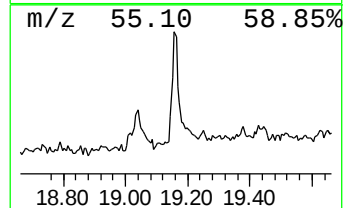
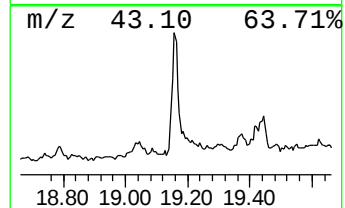
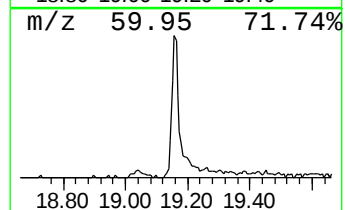
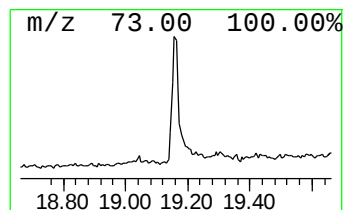
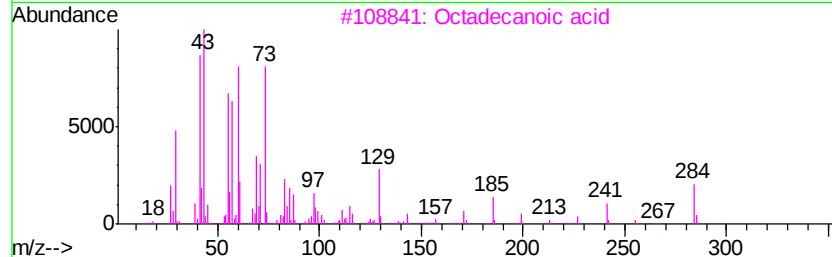
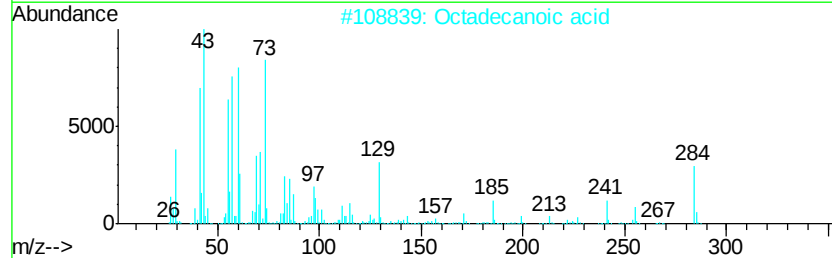
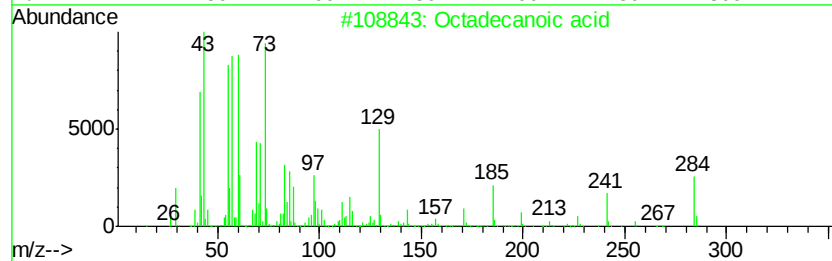
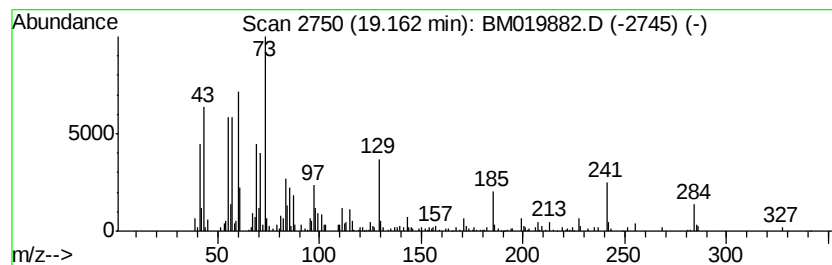
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	4.98 ng/ul	447360	Chrysene-d12	21.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	98
3			Octadecanoic acid	284	C18H36O2	000057-11-4	96
4			Octadecanoic acid	284	C18H36O2	000057-11-4	92
5			Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019882.D
Acq On : 11 Apr 2019 03:05
Operator : JU/SJ
Sample : K2255-22
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFC49

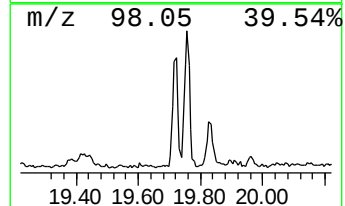
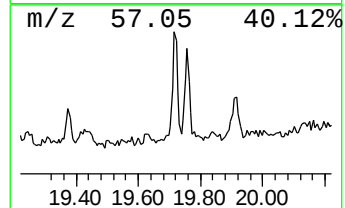
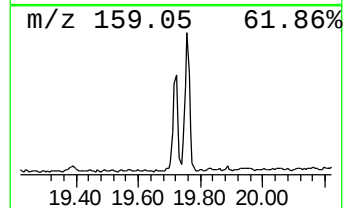
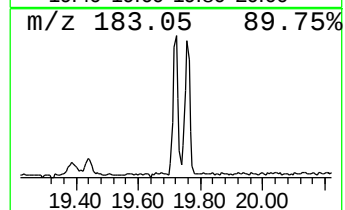
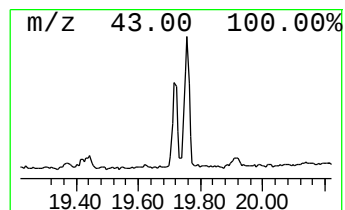
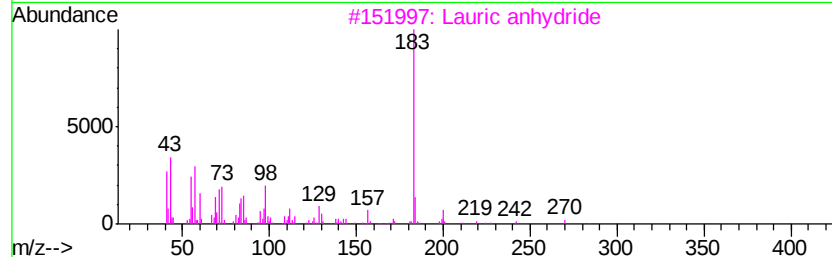
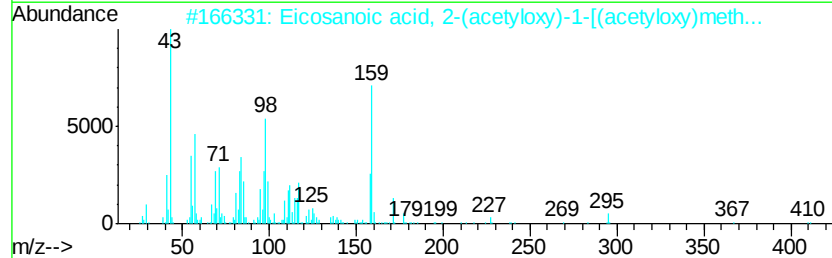
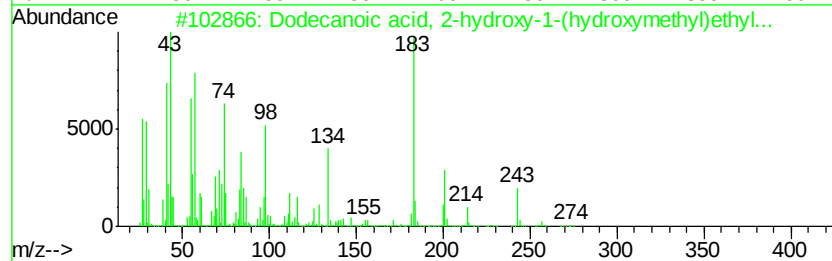
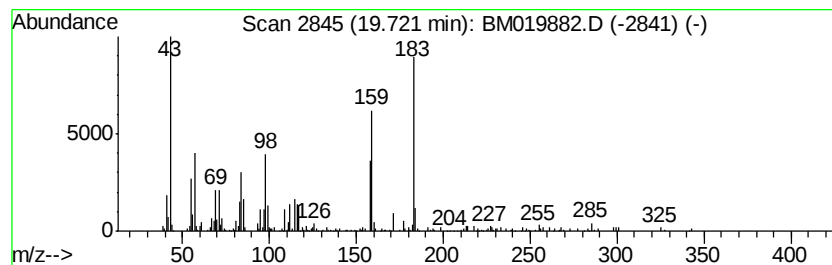
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Dodecanoic acid, 2-hydroxy-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	2.47 ng/ul	221582	Chrysene-d12	21.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	50
2			Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	47
3			Lauric anhydride	382	C24H46O3	000645-66-9	35
4			Pyrimidine, 1,2,3,4-tetrahydro-2...	240	C12H20N2O3	005948-67-4	22
5			Lauric anhydride	382	C24H46O3	000645-66-9	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019882.D
Acq On : 11 Apr 2019 03:05
Operator : JU/SJ
Sample : K2255-22
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFC49

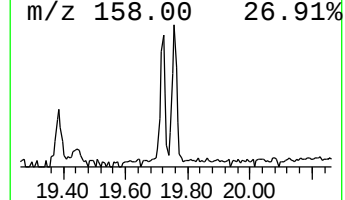
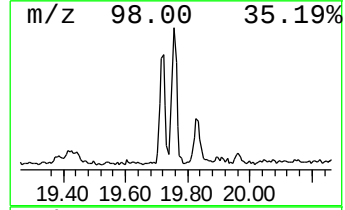
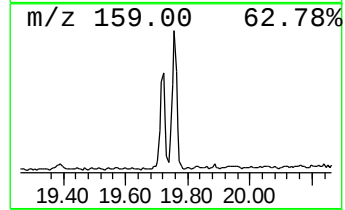
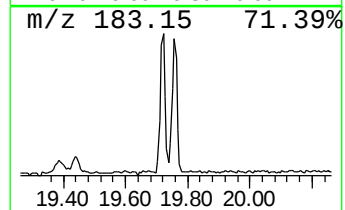
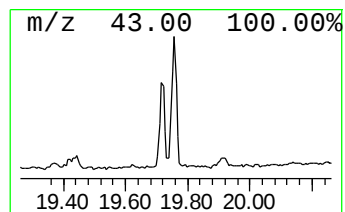
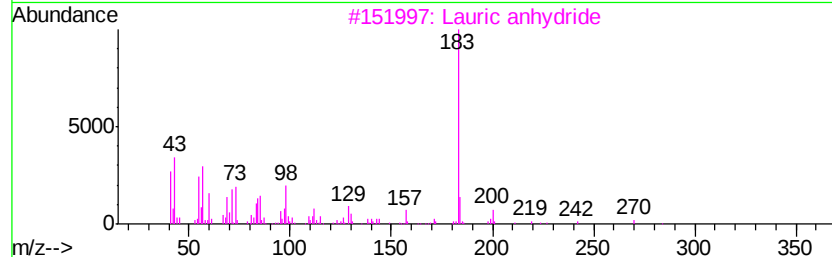
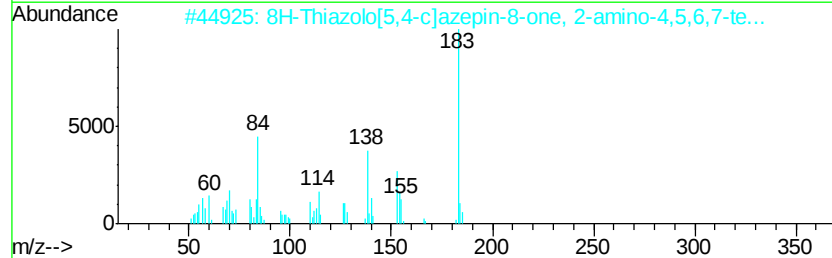
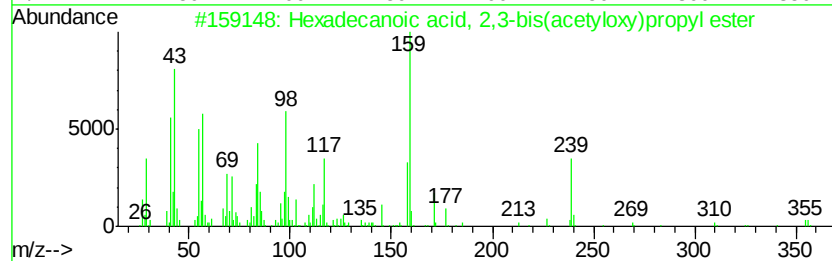
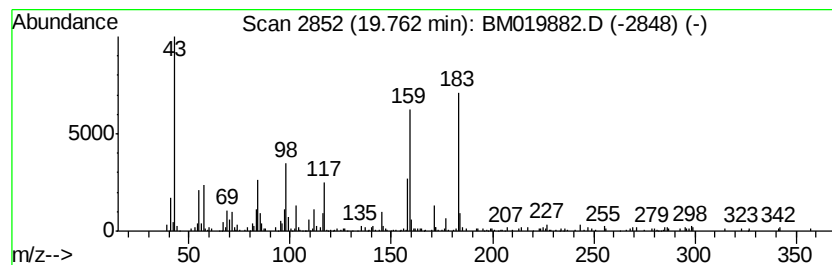
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	2.76 ng/ul	248039	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 2,3-bis(acetyloxy)propyl ester	414	C23H42O6	055268-70-7	35
2		8H-Thiazolo[5,4-c]azepin-8-one, 2-amino-4,5,6,7-tetrahydro-	183	C7H9N3OS	155778-36-2	22
3		Lauric anhydride	382	C24H46O3	000645-66-9	12
4		2,3,4-Trifluorobenzoic acid, 6-ethyl-	316	C17H23F3O2	1000282-58-3	12
5		Eicosanoic acid, 2-(acetyloxy)-1-octyl ester	470	C27H50O6	055429-68-0	12



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019882.D
Acq On : 11 Apr 2019 03:05
Operator : JU/SJ
Sample : K2255-22
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFC49

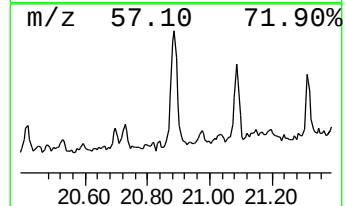
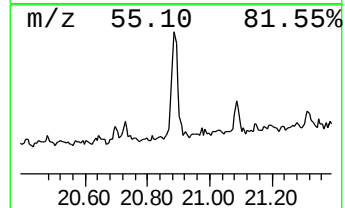
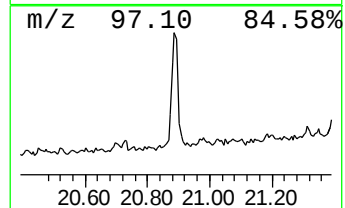
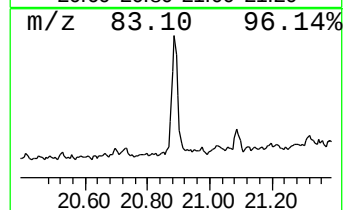
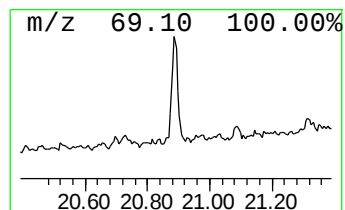
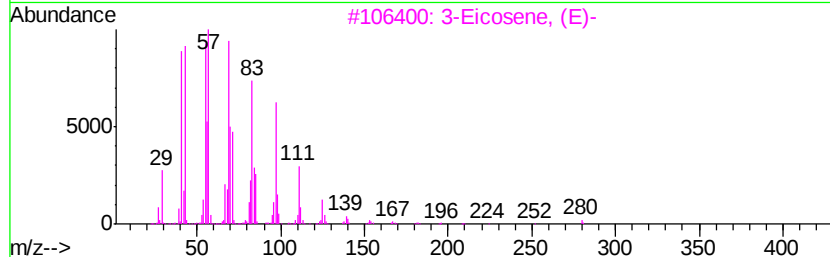
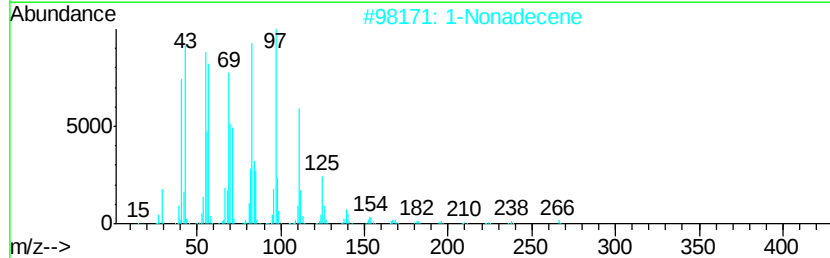
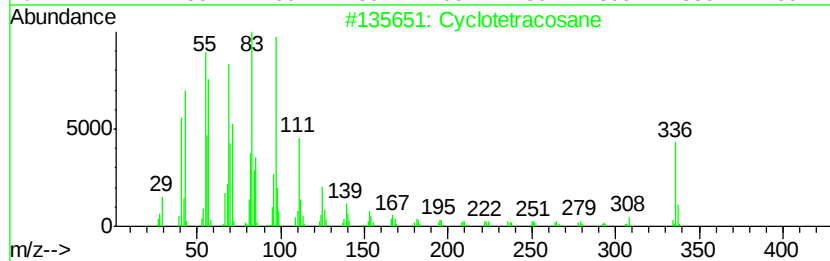
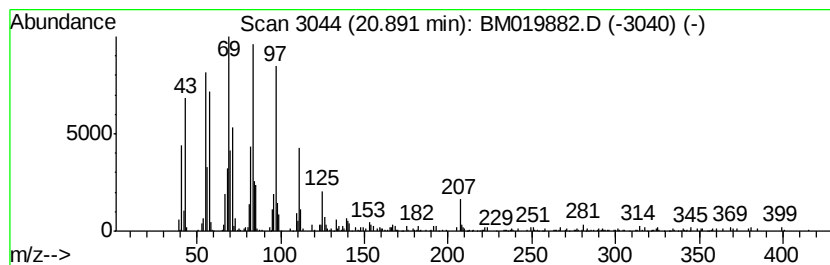
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic20.89 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	4.97 ng/ul	446736	Chrysene-d12	21.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetracosane	336	C24H48	000297-03-0	94
2			1-Nonadecene	266	C19H38	018435-45-5	92
3			3-Eicosene, (E)-	280	C20H40	074685-33-9	89
4			Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	86
5			5-Eicosene, (E)-	280	C20H40	074685-30-6	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019882.D
Acq On : 11 Apr 2019 03:05
Operator : JU/SJ
Sample : K2255-22
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFC49

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dodecanoic acid	14.64	4.1	ng/ul	277062	3	14.21	1348570	20.0
n-Hexadecanoic acid	17.87	8.4	ng/ul	630516	4	16.97	1498150	20.0
Octadecanoic acid	19.16	5.0	ng/ul	447360	5	21.19	1795990	20.0
Dodecanoic acid, ...	19.72	2.5	ng/ul	221582	5	21.19	1795990	20.0
unknown-01	19.76	2.8	ng/ul	248039	5	21.19	1795990	20.0
(DEL) Alkane: Cyc...	20.89	5.0	ng/ul	446736	5	21.19	1795990	20.0