

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
 Data File : BM029818.D
 Acq On : 05 May 2021 09:42
 Operator : CG/JU
 Sample : M2127-16
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E0AB7

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\SFAM-EPA-BM050421.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	6.781	652	662	674	rBV2	230885	596456	18.10%	1.905%
2	6.910	679	684	706	rVB	315858	589029	17.87%	1.881%
3	7.104	711	717	730	rBV	415949	702285	21.31%	2.243%
4	7.563	789	795	806	rBV	393066	678768	20.60%	2.168%
5	7.639	806	808	815	rVB5	10842	15545	0.47%	0.050%
6	8.281	911	917	934	rBV	253096	507245	15.39%	1.620%
7	8.722	985	992	1002	rBV	405730	741837	22.51%	2.369%
8	9.139	1057	1063	1069	rVB2	28615	43723	1.33%	0.140%
9	9.439	1107	1114	1131	rBV	336149	635419	19.28%	2.029%
10	9.757	1166	1168	1172	rVB4	4078	4225	0.13%	0.013%
11	9.975	1198	1205	1229	rBV	378840	868521	26.35%	2.774%
12	10.263	1251	1254	1256	rBV4	3650	4523	0.14%	0.014%
13	10.339	1260	1267	1281	rVV	546846	953956	28.95%	3.047%
14	10.463	1284	1288	1294	rVB7	3871	7784	0.24%	0.025%
15	10.657	1318	1321	1327	rVB5	4805	6413	0.19%	0.020%
16	10.727	1327	1333	1338	rBV4	9657	18383	0.56%	0.059%
17	10.886	1355	1360	1366	rVB6	6105	10183	0.31%	0.033%
18	11.533	1463	1470	1474	rBV6	5046	11910	0.36%	0.038%
19	11.621	1483	1485	1487	rBV3	3915	3632	0.11%	0.012%
20	11.786	1506	1513	1516	rBV7	3318	6471	0.20%	0.021%
21	11.869	1521	1527	1530	rBV5	4916	7832	0.24%	0.025%
22	11.945	1535	1540	1543	rBV3	6968	11762	0.36%	0.038%
23	12.227	1584	1588	1591	rVV5	2293	3893	0.12%	0.012%
24	12.557	1642	1644	1650	rVV7	4768	7826	0.24%	0.025%
25	12.821	1684	1689	1693	rVB5	5573	9137	0.28%	0.029%
26	13.045	1722	1727	1733	rBV3	13177	23269	0.71%	0.074%
27	13.121	1736	1740	1744	rVB5	6051	9636	0.29%	0.031%
28	13.186	1746	1751	1754	rBV6	2626	4508	0.14%	0.014%
29	13.463	1793	1798	1805	rVB10	4308	10429	0.32%	0.033%
30	13.633	1820	1827	1832	rBV	960097	1373524	41.68%	4.387%
31	13.680	1832	1835	1845	rVV	96033	143063	4.34%	0.457%
32	13.751	1845	1847	1853	rVB7	5468	7555	0.23%	0.024%
33	13.821	1856	1859	1861	rBV4	2954	4204	0.13%	0.013%
34	13.904	1863	1873	1884	rBV	1176568	1804537	54.76%	5.764%

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35	14.121	1907	1910	1917	rVB6	11342	18864	0.57%	0.060%
36	14.215	1917	1926	1934	rBV	794979	1227483	37.25%	3.921%
37	14.480	1964	1971	1981	rBV8	18324	65467	1.99%	0.209%
38	14.651	1997	2000	2004	rVV6	6037	7917	0.24%	0.025%
39	14.698	2004	2008	2014	rVB8	5180	10542	0.32%	0.034%
40	14.751	2014	2017	2019	rBV4	4508	6012	0.18%	0.019%
41	14.810	2025	2027	2031	rBV4	4609	8012	0.24%	0.026%
42	14.851	2031	2034	2039	rVB	17687	22863	0.69%	0.073%
43	14.974	2049	2055	2060	rBV	18207	29239	0.89%	0.093%
44	15.027	2060	2064	2066	rBV	10480	14498	0.44%	0.046%
45	15.080	2071	2073	2077	rVB3	10310	11273	0.34%	0.036%
46	15.210	2087	2095	2109	rBV	1421390	2082966	63.21%	6.653%
47	15.345	2112	2118	2129	rVV	414215	639510	19.41%	2.043%
48	15.451	2133	2136	2142	rVB2	13749	22087	0.67%	0.071%
49	15.545	2148	2152	2155	rVB6	5942	7468	0.23%	0.024%
50	15.586	2156	2159	2164	rVB7	4282	5693	0.17%	0.018%
51	15.698	2176	2178	2183	rVB6	5345	6568	0.20%	0.021%
52	15.780	2187	2192	2197	rVV8	8777	17876	0.54%	0.057%
53	15.845	2200	2203	2207	rVV5	8719	16614	0.50%	0.053%
54	15.898	2208	2212	2217	rVV3	23437	38022	1.15%	0.121%
55	15.945	2217	2220	2226	rVV2	13791	27590	0.84%	0.088%
56	15.998	2226	2229	2236	rVB7	20352	30777	0.93%	0.098%
57	16.104	2244	2247	2252	rBV7	9185	16366	0.50%	0.052%
58	16.157	2254	2256	2257	rVV2	5934	5255	0.16%	0.017%
59	16.204	2260	2264	2268	rVB	21310	30044	0.91%	0.096%
60	16.298	2275	2280	2285	rVB3	20740	30013	0.91%	0.096%
61	16.356	2286	2290	2293	rVB6	5236	7070	0.21%	0.023%
62	16.698	2344	2348	2352	rBV5	16893	28153	0.85%	0.090%
63	16.739	2352	2355	2360	rVV6	8252	14067	0.43%	0.045%
64	16.956	2386	2392	2400	rBV	941844	1398806	42.45%	4.468%
65	17.021	2400	2403	2404	rVV3	27389	32756	0.99%	0.105%
66	17.056	2404	2409	2422	rVB2	1485172	2194558	66.59%	7.009%
67	17.339	2454	2457	2462	rVB6	21343	25352	0.77%	0.081%
68	17.439	2472	2474	2476	rBV3	7013	5397	0.16%	0.017%
69	17.815	2534	2538	2540	rBV5	7031	10218	0.31%	0.033%
70	17.874	2542	2548	2569	rVV	421548	784102	23.79%	2.504%
71	18.615	2669	2674	2682	rBV2	227991	342581	10.40%	1.094%

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72	19.003	2735	2740	2743	rBV2	18832	38647	1.17%	0.123%
73	19.156	2761	2766	2777	rBV	291240	483061	14.66%	1.543%
74	19.356	2794	2800	2808	rBV	2060328	2782057	84.42%	8.886%
75	19.897	2888	2892	2893	rBV4	20271	25759	0.78%	0.082%
76	19.915	2893	2895	2900	rVB2	34913	43950	1.33%	0.140%
77	20.415	2976	2980	2983	rBV2	49282	59856	1.82%	0.191%
78	20.874	3054	3058	3069	rBV	621793	983893	29.86%	3.143%
79	21.144	3099	3104	3117	rBV	1296487	1755516	53.27%	5.607%
80	21.309	3129	3132	3136	rBV2	85989	96059	2.91%	0.307%
81	21.727	3201	3203	3214	rVB3	82811	144968	4.40%	0.463%
82	22.174	3276	3279	3283	rBV2	113342	141788	4.30%	0.453%
83	22.656	3359	3361	3367	rVB2	191200	270456	8.21%	0.864%
84	23.168	3442	3448	3460	rVB	1728732	3295536	100.00%	10.526%
85	23.303	3466	3471	3483	rVB2	993253	1864150	56.57%	5.954%
86	23.821	3555	3559	3564	rVB2	148608	253895	7.70%	0.811%

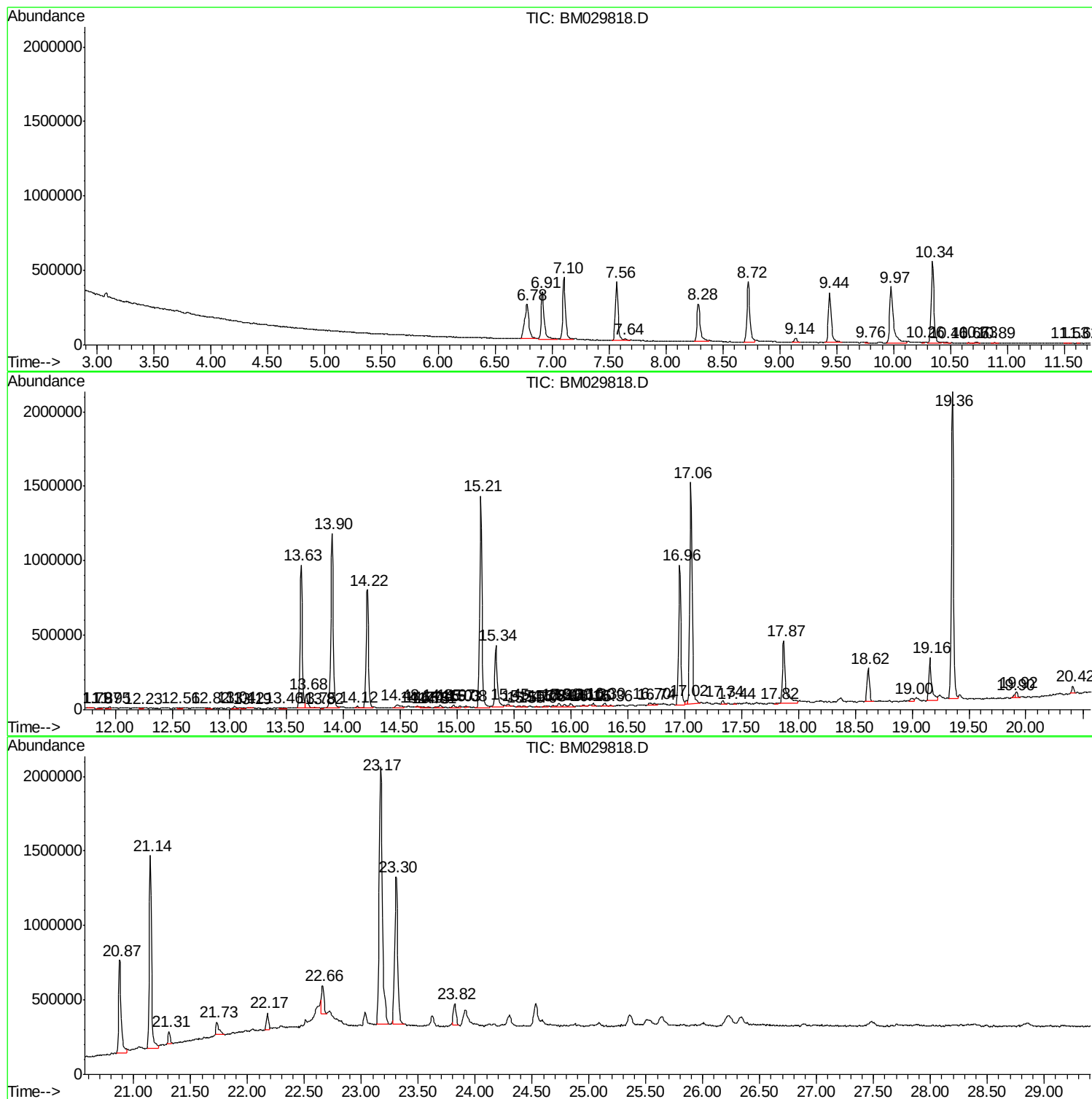
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

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



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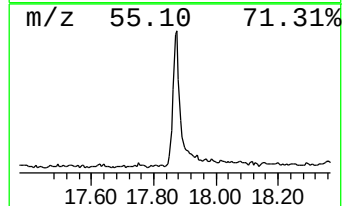
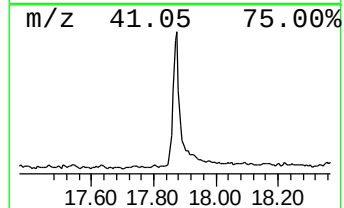
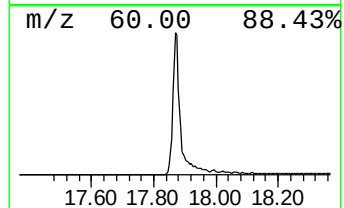
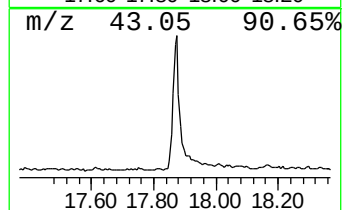
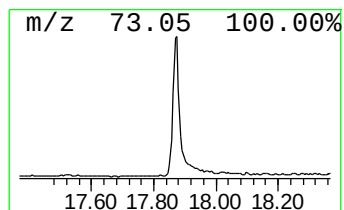
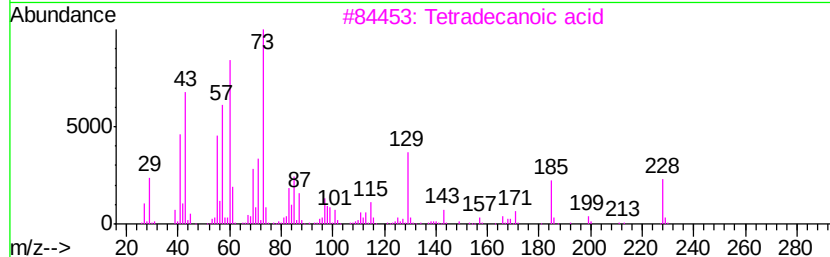
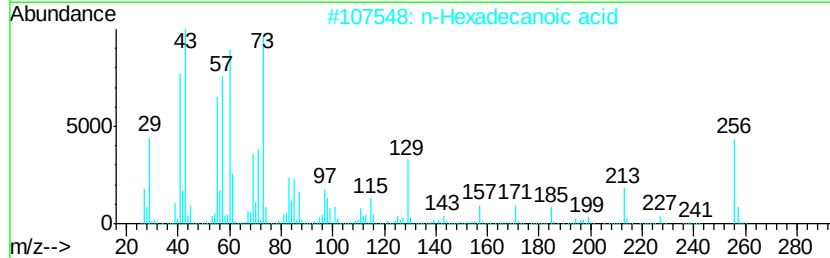
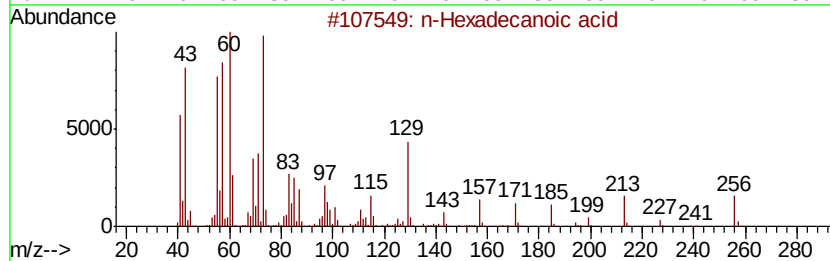
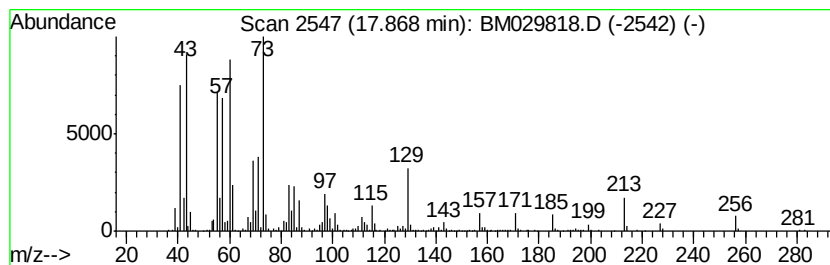
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.87	11.21 ng/ul	784102	Phenanthrene-d10	16.96		
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	96	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	87	



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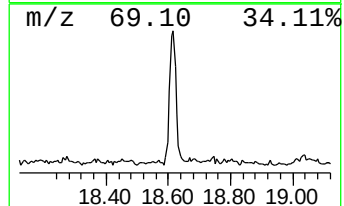
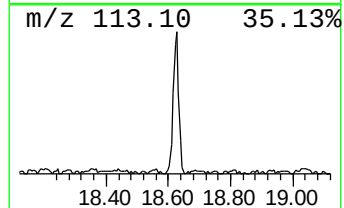
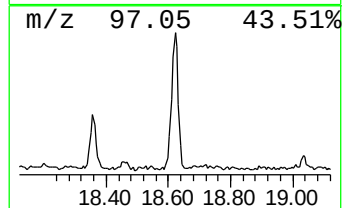
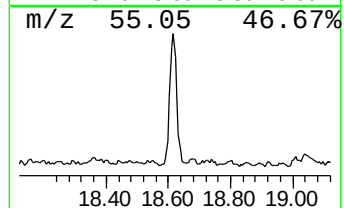
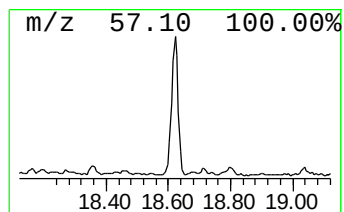
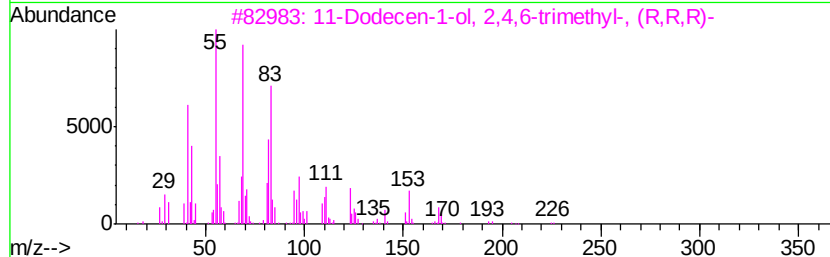
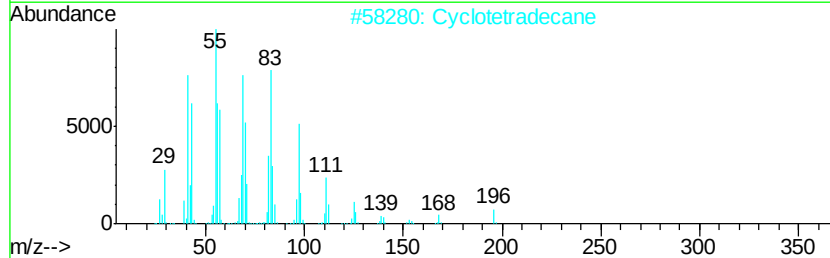
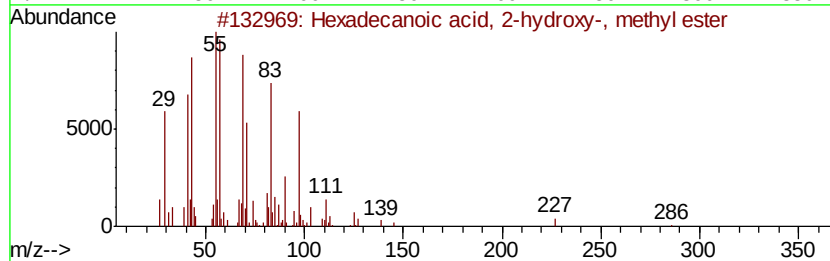
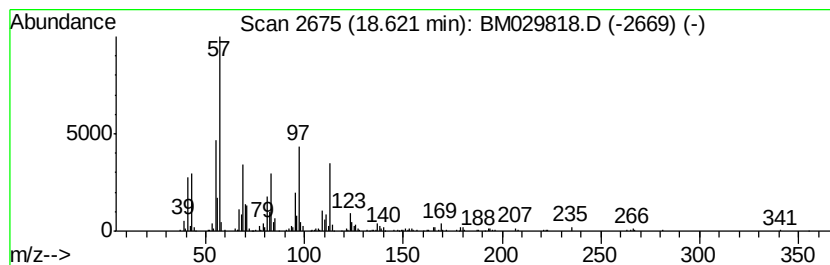
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.62	4.90 ng/ul	342581	Phenanthrene-d10	16.96	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	46
2	Cyclotetradecane	196	C14H28	000295-17-0	43
3	11-Dodecen-1-ol, 2,4,6-trimethyl...	226	C15H30O	027829-54-5	38
4	11,13-Dimethyl-12-tetradecen-1-o...	282	C18H34O2	1000130-81-0	38
5	1-Decene, 10-bromo-	218	C10H19Br	062871-09-4	35



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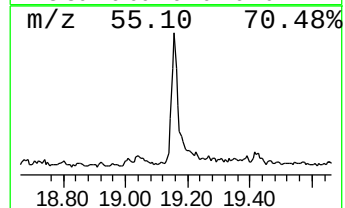
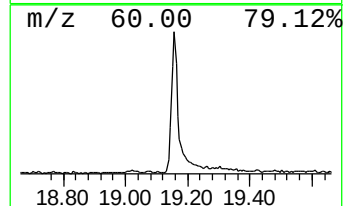
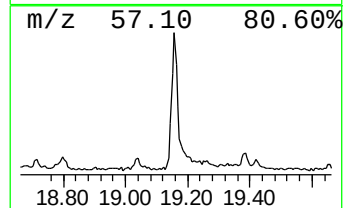
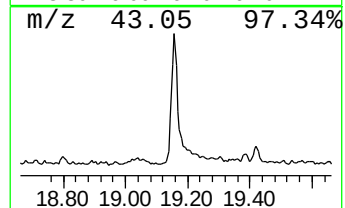
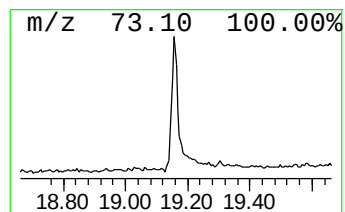
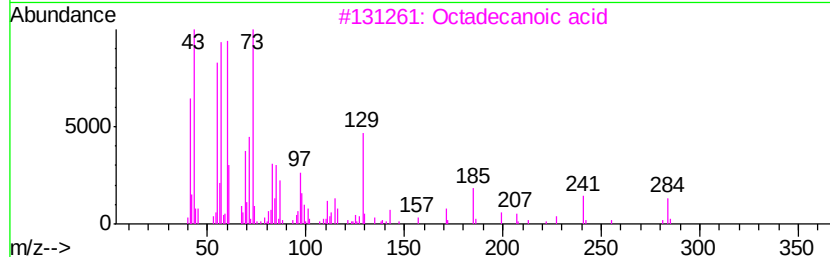
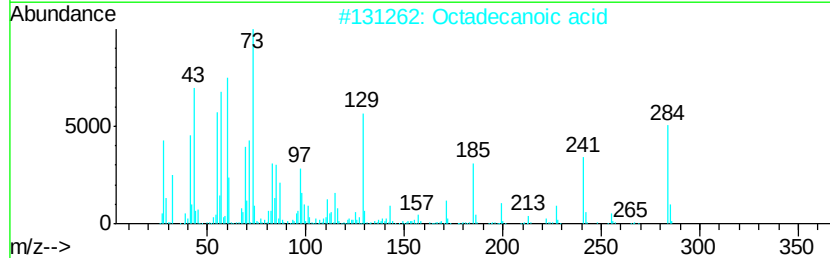
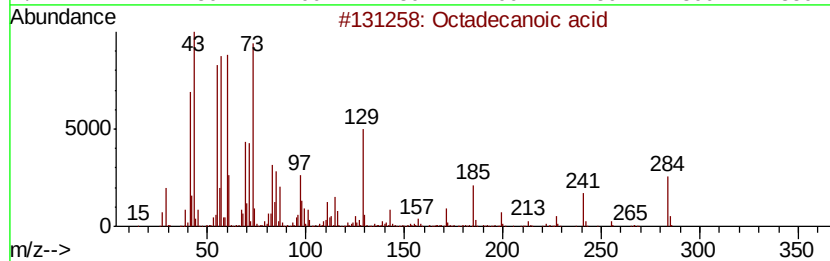
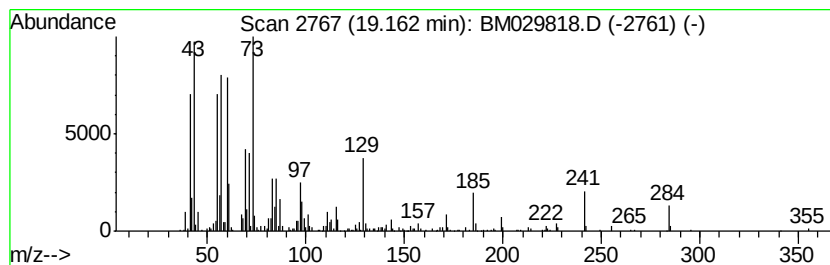
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	5.50 ng/ul	483061	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	97
4		Octadecanoic acid	284	C18H36O2	000057-11-4	96
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	87



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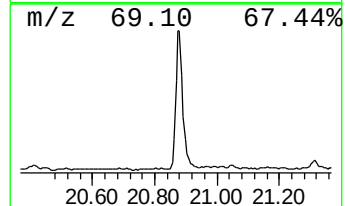
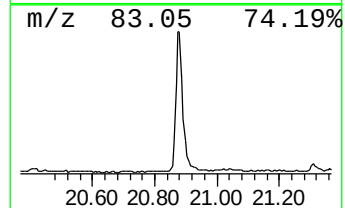
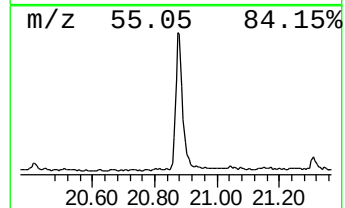
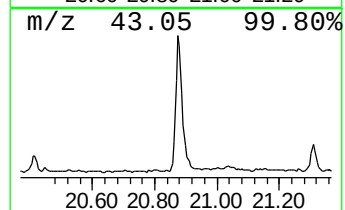
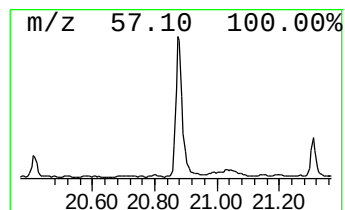
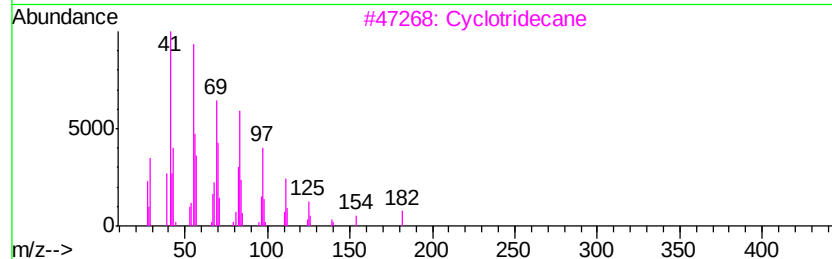
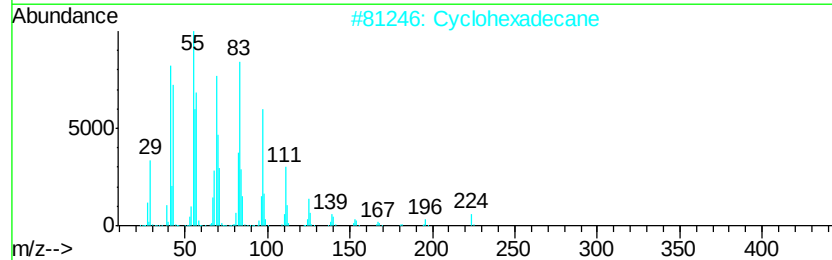
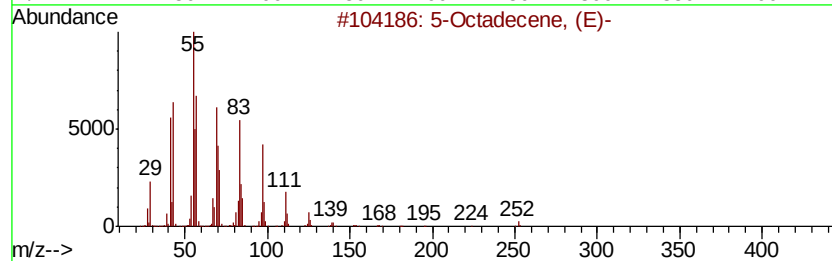
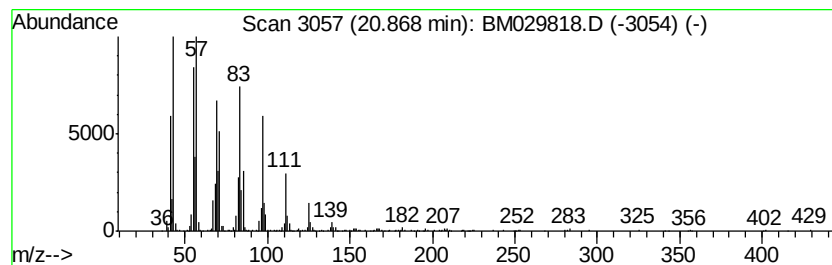
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	11.21 ng/ul	983893	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2		Cyclohexadecane	224	C16H32	000295-65-8	94
3		Cyclotridecane	182	C13H26	000295-02-3	92
4		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
5		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029818.D
Acq On : 05 May 2021 09:42
Operator : CG/JU
Sample : M2127-16
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0AB7

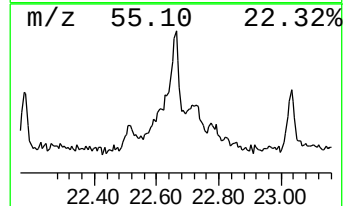
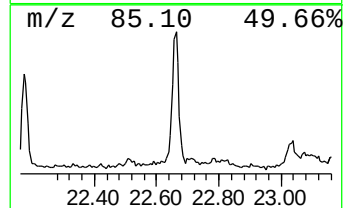
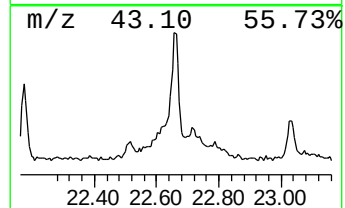
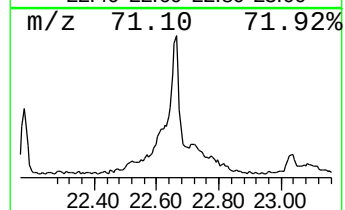
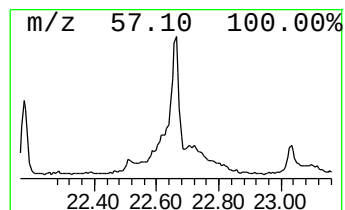
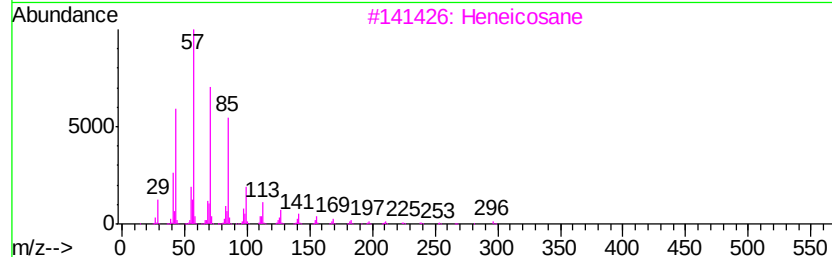
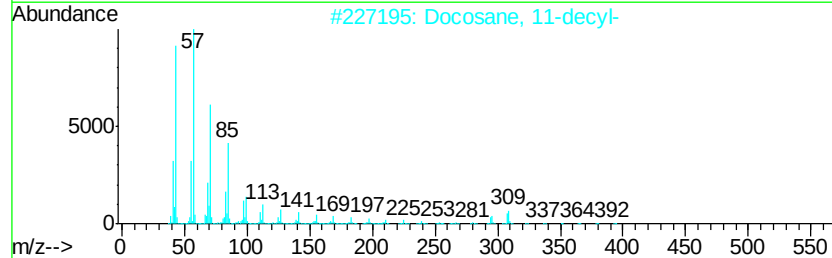
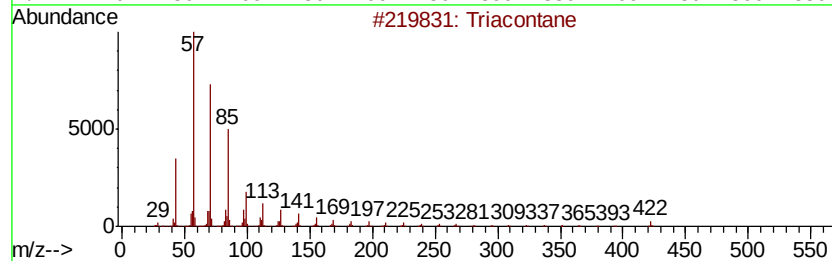
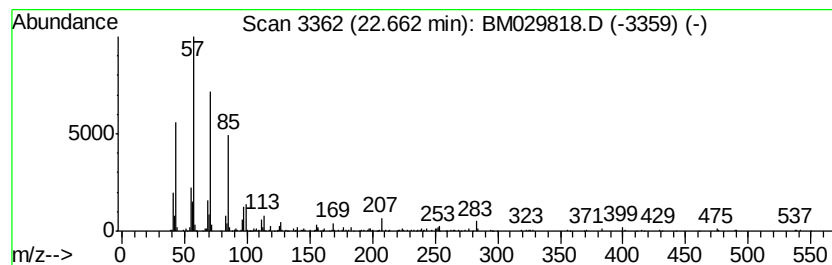
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.66	2.90 ng/ul	270456	Perylene-d12	23.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	83
2		Docosane, 11-decyl-	451	C32H66	055401-55-3	80
3		Heneicosane	296	C21H44	000629-94-7	80
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029818.D
Acq On : 05 May 2021 09:42
Operator : CG/JU
Sample : M2127-16
Misc :
ALS Vial : 37 Sample Multiplier: 1

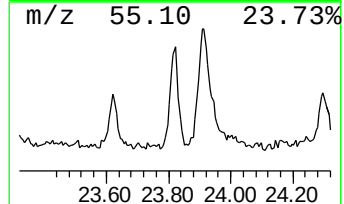
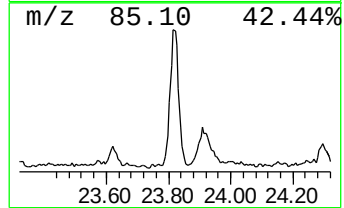
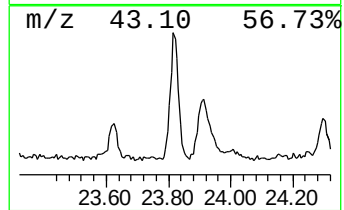
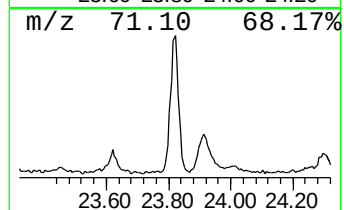
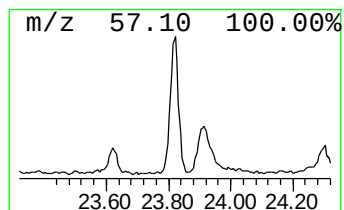
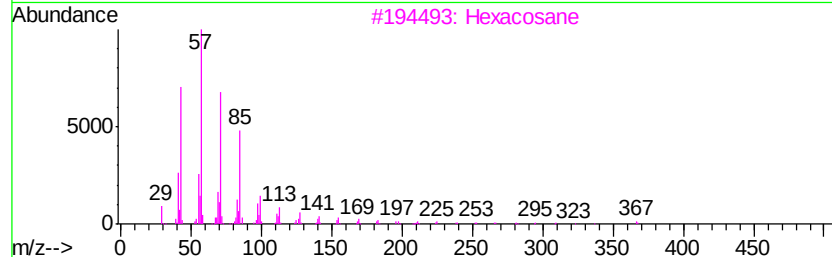
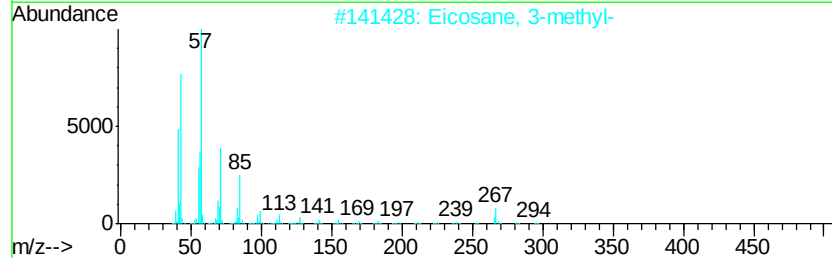
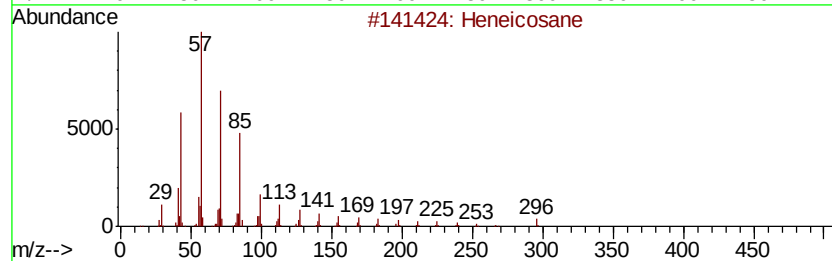
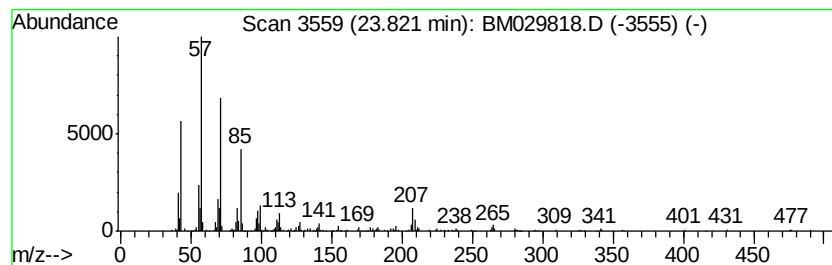
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.82	2.72 ng/ul	253895	Perylene-d12	23.31	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Eicosane, 3-methyl-	296	C21H44	006418-46-8	89
3	Hexacosane	366	C26H54	000630-01-3	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050421\
Data File : BM029818.D
Acq On : 05 May 2021 09:42
Operator : CG/JU
Sample : M2127-16
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	11.2	ng/ul	784102	4	16.96	1398810	20.0
unknown-01	18.62	4.9	ng/ul	342581	4	16.96	1398810	20.0
Octadecanoic acid	19.16	5.5	ng/ul	483061	5	21.14	1755520	20.0
(DEL) Alkane: Str...	20.87	11.2	ng/ul	983893	5	21.14	1755520	20.0
(DEL) Alkane: Str...	22.66	2.9	ng/ul	270456	6	23.31	1864150	20.0
(DEL) Alkane: Str...	23.82	2.7	ng/ul	253895	6	23.31	1864150	20.0