

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022721\
 Data File : BM028951.D
 Acq On : 27 Feb 2021 11:06
 Operator : CG/JU
 Sample : M1498-14
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB8H2

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-BM022721MA.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	3.122	20	23	26	rBV	4082	4247	0.88%	0.092%
2	3.157	26	29	35	rVB	2748	3100	0.64%	0.067%
3	3.469	79	82	86	rBV2	455	782	0.16%	0.017%
4	3.775	131	134	138	rVB2	426	641	0.13%	0.014%
5	3.881	148	152	157	rBV2	801	879	0.18%	0.019%
6	4.351	228	232	236	rBV2	1739	2251	0.46%	0.049%
7	5.045	346	350	356	rBB2	3556	5067	1.05%	0.110%
8	6.957	671	675	685	rBB	20806	33124	6.83%	0.717%
9	7.110	695	701	710	rBB	62932	94834	19.56%	2.053%
10	7.304	728	734	742	rBV	79044	123417	25.46%	2.672%
11	7.769	807	813	821	rBB	72002	107142	22.10%	2.320%
12	8.139	871	876	881	rBB2	2593	4028	0.83%	0.087%
13	8.504	932	938	948	rBB	59530	91902	18.96%	1.990%
14	8.945	1007	1013	1024	rBB	86209	135172	27.88%	2.927%
15	9.310	1072	1075	1078	rBB	866	906	0.19%	0.020%
16	9.398	1086	1090	1093	rBB	1430	1687	0.35%	0.037%
17	9.663	1130	1135	1143	rBB	75841	120497	24.86%	2.609%
18	10.204	1221	1227	1237	rBV	108152	175445	36.19%	3.799%
19	10.569	1283	1289	1298	rBB	89845	144117	29.73%	3.121%
20	10.727	1311	1316	1325	rBB	7567	11527	2.38%	0.250%
21	11.927	1517	1520	1523	rBB	589	719	0.15%	0.016%
22	12.169	1558	1561	1564	rBB	970	1281	0.26%	0.028%
23	13.851	1841	1847	1852	rBV	189452	245146	50.57%	5.308%
24	13.892	1852	1854	1858	rVB	1990	2298	0.47%	0.050%
25	14.127	1888	1894	1904	rBV	213916	308156	63.57%	6.673%
26	14.251	1911	1915	1920	rBB	2610	3209	0.66%	0.069%
27	14.316	1923	1926	1929	rBB	633	735	0.15%	0.016%
28	14.363	1929	1934	1937	rBB	566	788	0.16%	0.017%
29	14.433	1940	1946	1952	rBB	125602	174499	36.00%	3.778%
30	14.498	1953	1957	1961	rBB	3133	3795	0.78%	0.082%
31	14.680	1984	1988	1998	rBV	12543	22164	4.57%	0.480%
32	14.839	2009	2015	2017	rBV	1349	2064	0.43%	0.045%
33	14.863	2017	2019	2023	rVB3	1120	1305	0.27%	0.028%
34	15.186	2069	2074	2078	rBV	2549	3100	0.64%	0.067%

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35	15.227	2078	2081	2083	rVV2	597	643	0.13%	0.014%
36	15.262	2083	2087	2092	rVB2	1432	2154	0.44%	0.047%
37	15.427	2109	2115	2121	rBV	267190	364133	75.12%	7.885%
38	15.486	2121	2125	2129	rVB	1586	2356	0.49%	0.051%
39	15.574	2133	2140	2151	rBV	94844	129637	26.74%	2.807%
40	15.662	2151	2155	2159	rBV2	1740	2390	0.49%	0.052%
41	15.804	2176	2179	2181	rVB2	417	511	0.11%	0.011%
42	15.951	2200	2204	2212	rVB	9991	13674	2.82%	0.296%
43	16.145	2231	2237	2245	rVB3	2821	4720	0.97%	0.102%
44	16.386	2276	2278	2282	rVV2	791	843	0.17%	0.018%
45	16.462	2286	2291	2296	rBV	5172	7059	1.46%	0.153%
46	16.586	2310	2312	2315	rVV2	506	489	0.10%	0.011%
47	16.727	2332	2336	2339	rBV	840	958	0.20%	0.021%
48	16.809	2347	2350	2354	rBV3	724	940	0.19%	0.020%
49	16.962	2374	2376	2379	rBV2	721	786	0.16%	0.017%
50	16.992	2379	2381	2384	rVB2	522	555	0.11%	0.012%
51	17.174	2407	2412	2417	rVV	141156	194939	40.21%	4.221%
52	17.215	2417	2419	2423	rVV	1153	1382	0.29%	0.030%
53	17.274	2423	2429	2436	rVV2	286354	389814	80.41%	8.441%
54	17.345	2438	2441	2444	rVV4	623	877	0.18%	0.019%
55	17.404	2448	2451	2455	rBV4	633	767	0.16%	0.017%
56	17.533	2469	2473	2476	rBV3	967	1280	0.26%	0.028%
57	17.604	2484	2485	2487	rBV2	657	494	0.10%	0.011%
58	17.645	2490	2492	2496	rBV3	754	1191	0.25%	0.026%
59	17.703	2500	2502	2505	rVB2	862	663	0.14%	0.014%
60	17.768	2511	2513	2515	rBV	948	713	0.15%	0.015%
61	17.786	2515	2516	2518	rBV	802	626	0.13%	0.014%
62	17.804	2518	2519	2522	rVV3	989	870	0.18%	0.019%
63	17.827	2522	2523	2527	rVV3	917	1075	0.22%	0.023%
64	17.904	2533	2536	2537	rVB	1220	842	0.17%	0.018%
65	17.933	2539	2541	2543	rBV3	1049	812	0.17%	0.018%
66	17.980	2547	2549	2551	rBV2	924	986	0.20%	0.021%
67	18.068	2559	2564	2570	rBV	50940	68225	14.07%	1.477%
68	18.274	2596	2599	2600	rBV3	1202	1284	0.26%	0.028%
69	18.339	2608	2610	2611	rVB2	1004	579	0.12%	0.013%
70	18.445	2626	2628	2630	rBV3	1301	1327	0.27%	0.029%
71	18.480	2632	2634	2635	rVB2	776	544	0.11%	0.012%

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72	18.498	2635	2637	2638	rBV2	1010	622	0.13%	0.013%
73	18.603	2654	2655	2657	rBV2	919	816	0.17%	0.018%
74	18.680	2666	2668	2669	rBV2	964	522	0.11%	0.011%
75	18.845	2695	2696	2699	rBV3	1127	1115	0.23%	0.024%
76	19.198	2753	2756	2758	rBV	4925	5398	1.11%	0.117%
77	19.345	2776	2781	2791	rBV	38361	51315	10.59%	1.111%
78	19.562	2812	2818	2824	rBV	353223	457002	94.27%	9.895%
79	19.615	2824	2827	2832	rVB	7292	10533	2.17%	0.228%
80	19.856	2866	2868	2869	rBV2	1539	671	0.14%	0.015%
81	19.874	2869	2871	2874	rBV4	2555	2660	0.55%	0.058%
82	21.044	3066	3070	3075	rBV	38998	47966	9.89%	1.039%
83	21.339	3116	3120	3125	rBV	186041	231249	47.70%	5.007%
84	22.844	3374	3376	3380	rVB	17792	19408	4.00%	0.420%
85	23.403	3464	3471	3478	rVB	277575	484758	100.00%	10.496%
86	23.538	3488	3494	3503	rVB2	131338	236160	48.72%	5.114%
87	24.021	3573	3576	3583	rVB2	23334	36929	7.62%	0.800%

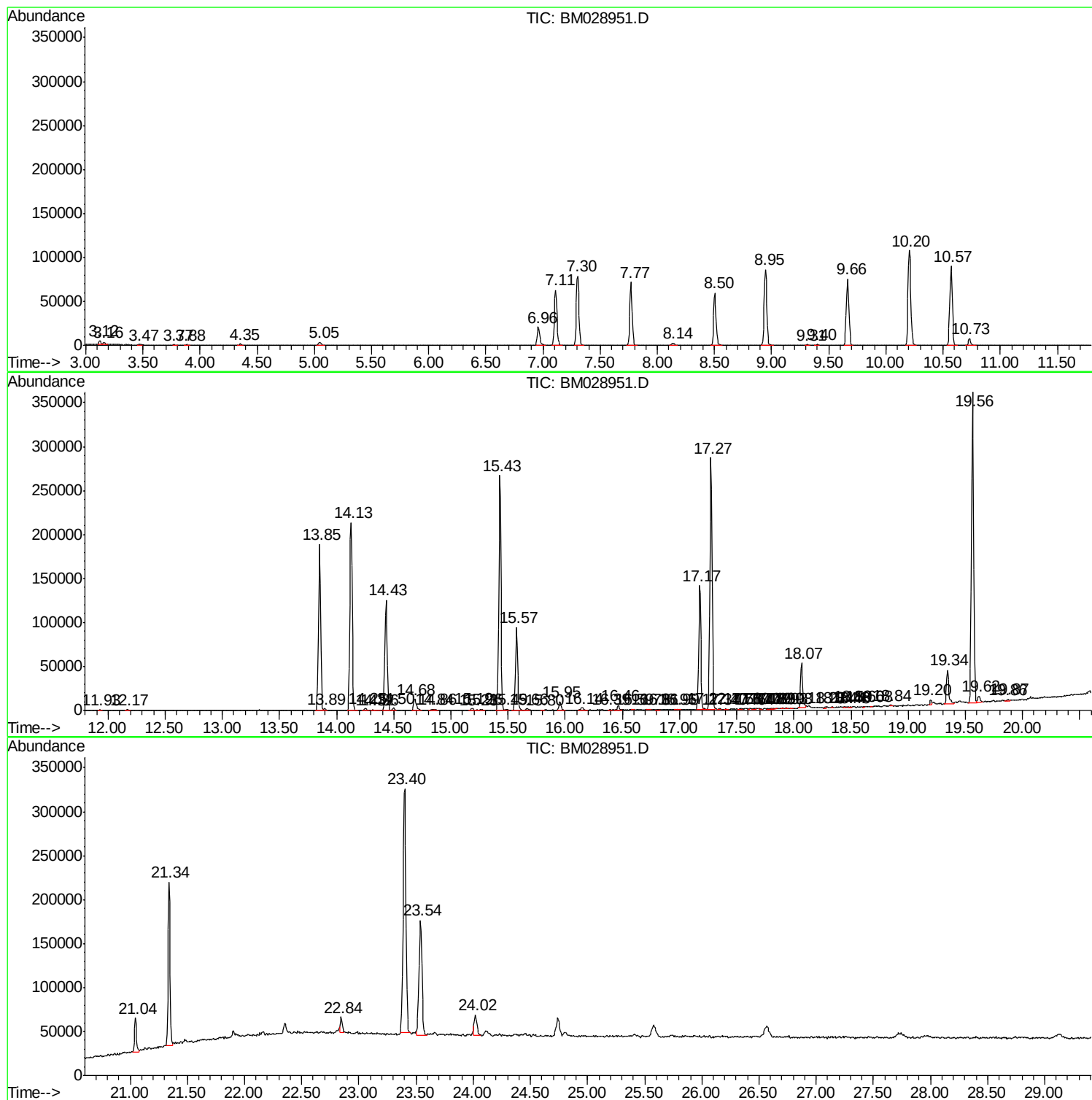
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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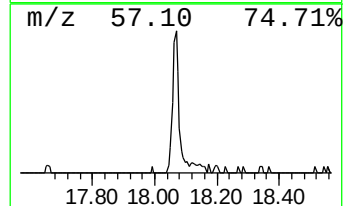
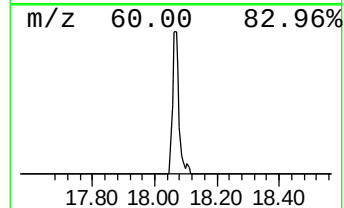
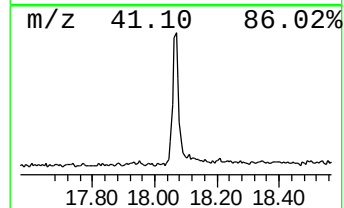
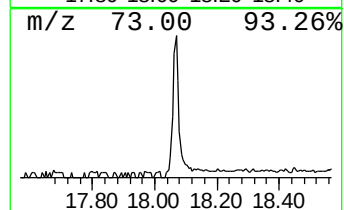
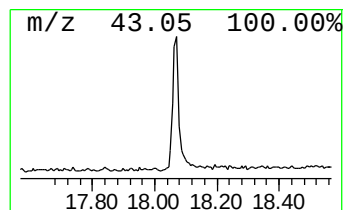
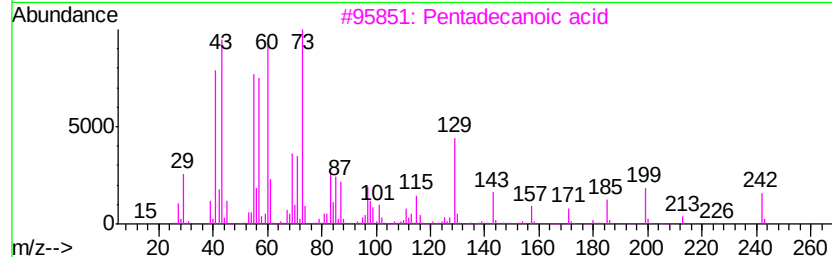
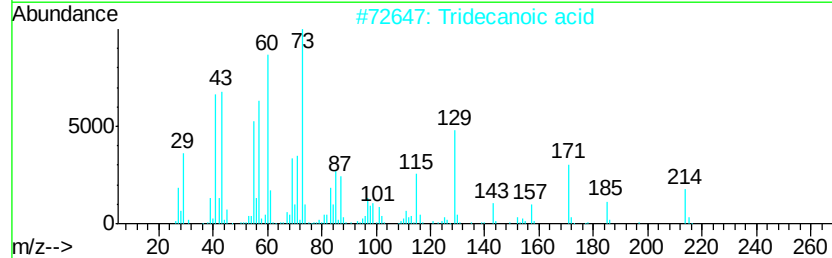
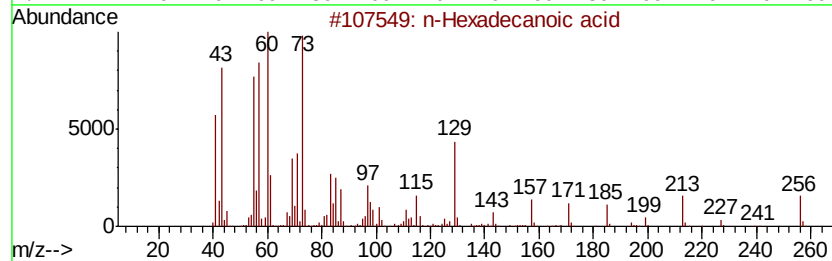
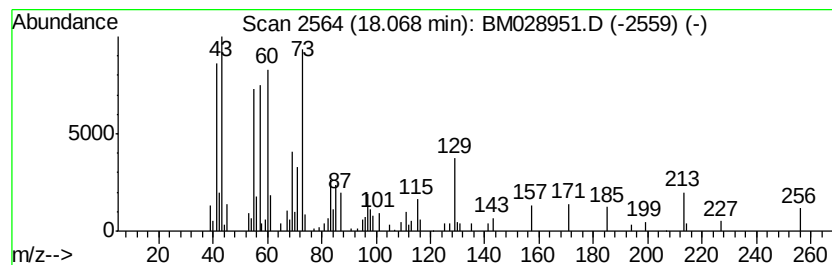
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Quant Title : SVOA CALIBRATION

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.
18.07	7.00 ng/ul	68225	Phenanthrene-d10	17.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	97
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5		Tridecanoic acid	214	C13H26O2	000638-53-9	70



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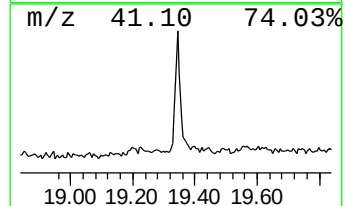
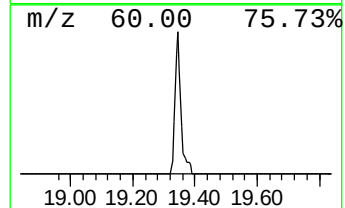
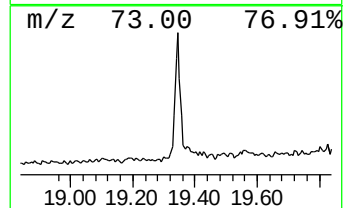
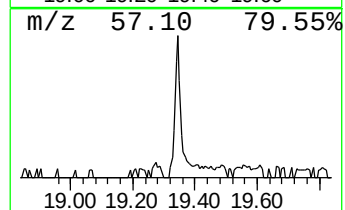
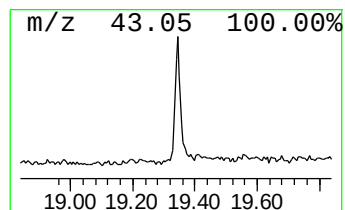
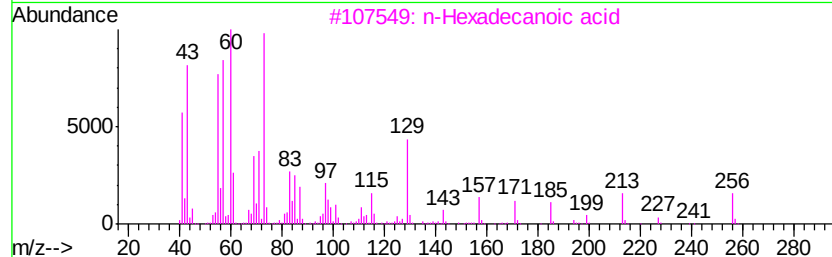
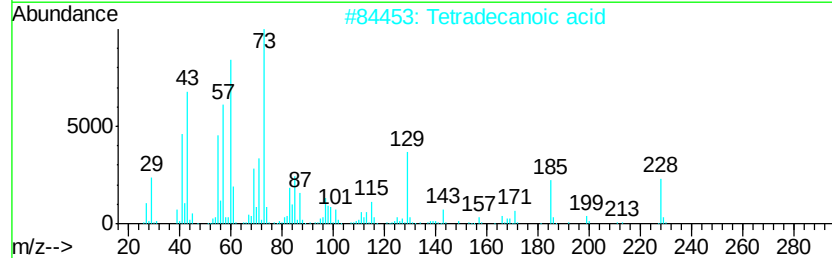
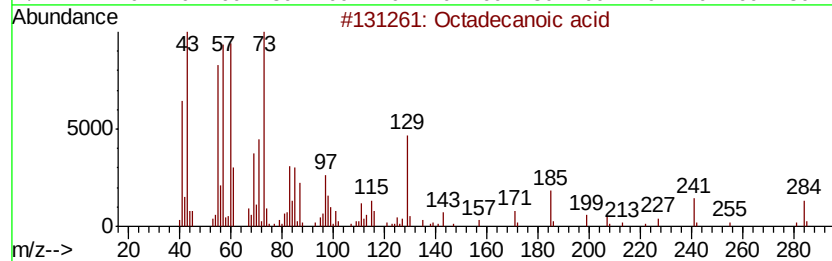
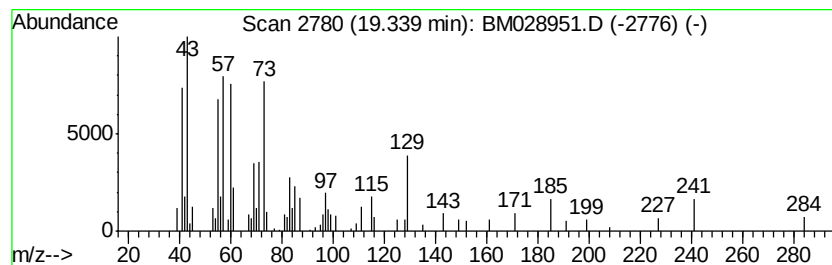
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.34	4.44 ng/ul	51315	Chrysene-d12		21.34
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58



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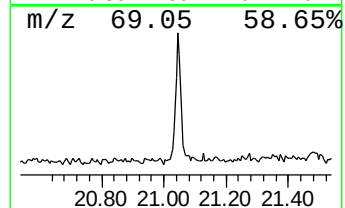
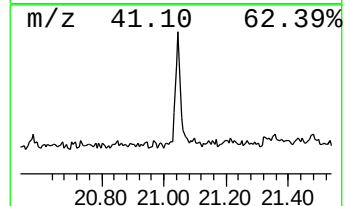
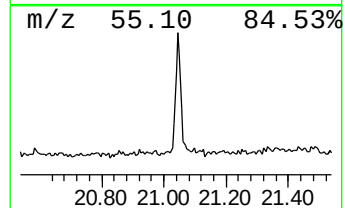
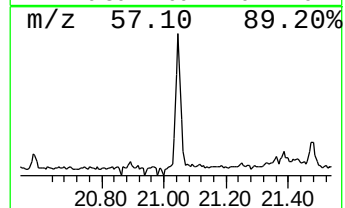
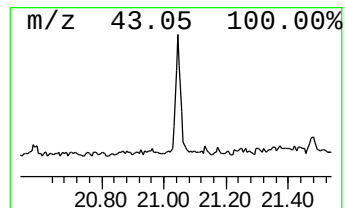
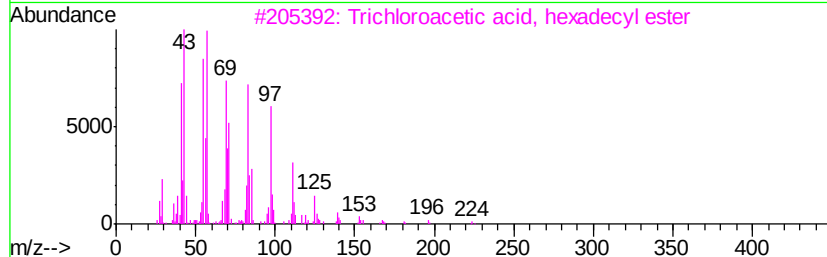
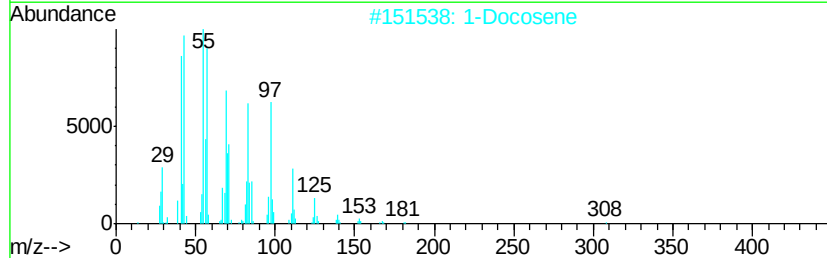
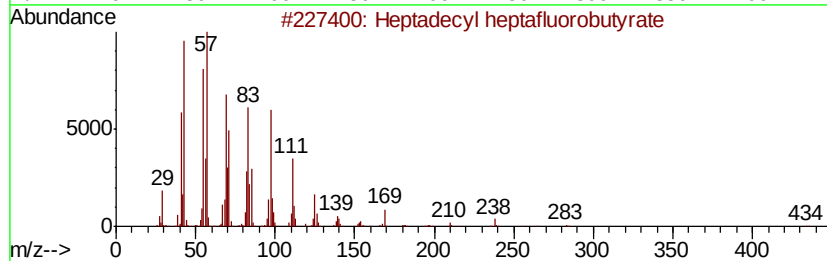
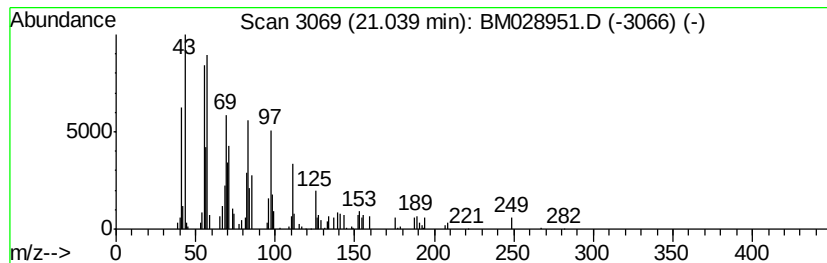
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptadecyl heptafluorobutyrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	4.15 ng/ul	47966	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	95
2		1-Docosene	308	C22H44	001599-67-3	95
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
4		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
5		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93



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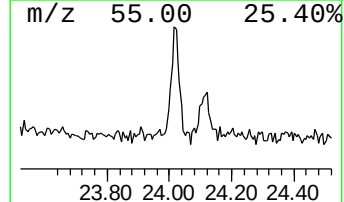
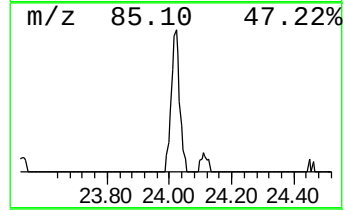
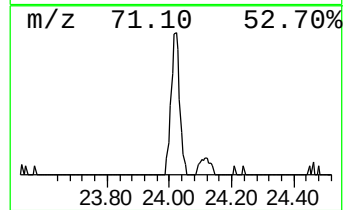
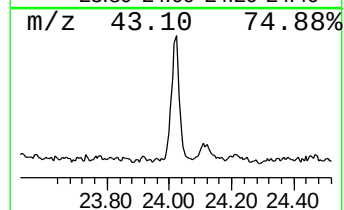
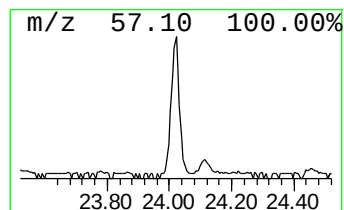
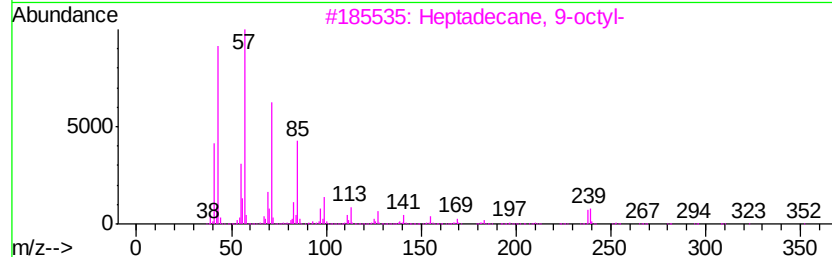
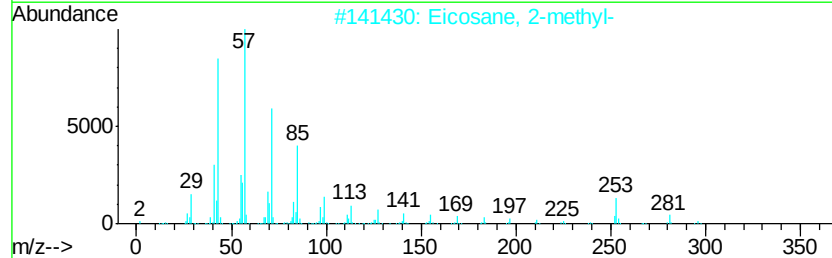
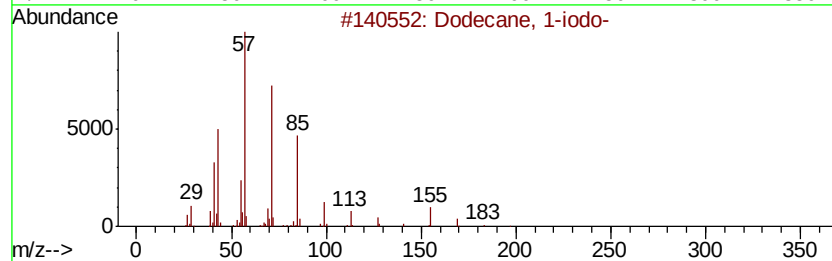
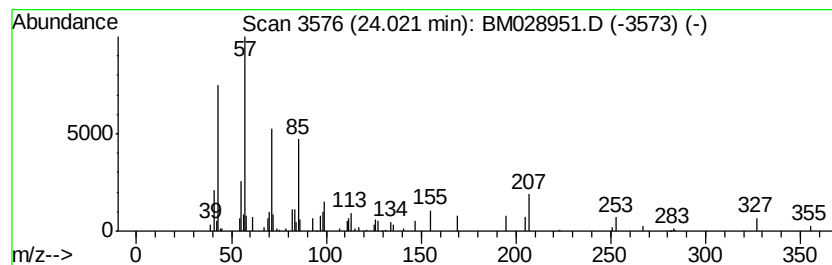
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Dodecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	3.13 ng/ul	36929	Perylene-d12	23.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
2		Eicosane, 2-methyl-	296	C21H44	001560-84-5	64
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	59
4		2-methyloctacosane	408	C29H60	1000376-72-8	59
5		Heptadecane	240	C17H36	000629-78-7	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022721\
Data File : BM028951.D
Acq On : 27 Feb 2021 11:06
Operator : CG/JU
Sample : M1498-14
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB8H2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.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	18.07	7.0	ng/ul	68225	4	17.17	194939	20.0
Octadecanoic acid	19.34	4.4	ng/ul	51315	5	21.34	231249	20.0
Heptadecyl heptaf...	21.04	4.2	ng/ul	47966	5	21.34	231249	20.0
Dodecane, 1-iodo-	24.02	3.1	ng/ul	36929	6	23.54	236160	20.0