

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
 Data File : BM030138.D
 Acq On : 22 May 2021 07:11
 Operator : CG/JU
 Sample : M2474-14
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GB411

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-BM050721.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	3.034	23	25	27	rBV	10713	10878	0.21%	0.022%
2	3.646	127	129	137	rVB2	12525	21548	0.41%	0.044%
3	3.746	142	146	150	rBV4	7007	10905	0.21%	0.022%
4	3.904	169	173	179	rBV4	7986	14456	0.28%	0.029%
5	4.669	299	303	307	rVB6	3884	6812	0.13%	0.014%
6	5.928	513	517	523	rVB6	4469	7008	0.13%	0.014%
7	6.704	644	649	664	rBV	94657	228352	4.36%	0.465%
8	6.857	670	675	695	rBV	399691	746755	14.26%	1.520%
9	7.045	701	707	734	rVB	476506	891617	17.03%	1.815%
10	7.504	778	785	799	rBV	485097	855726	16.34%	1.742%
11	8.228	902	908	929	rBV	321210	650308	12.42%	1.324%
12	8.663	976	982	1001	rBV	562048	1049410	20.04%	2.136%
13	8.851	1011	1014	1018	rBV5	3791	7127	0.14%	0.015%
14	8.892	1018	1021	1025	rVB4	8031	10928	0.21%	0.022%
15	9.075	1046	1052	1055	rBV5	4270	7339	0.14%	0.015%
16	9.381	1097	1104	1125	rBV	475852	915922	17.49%	1.864%
17	9.916	1189	1195	1218	rBV	508733	1228109	23.45%	2.500%
18	10.275	1249	1256	1270	rBV	751333	1307503	24.97%	2.661%
19	10.492	1287	1293	1297	rBV6	7802	18708	0.36%	0.038%
20	11.557	1467	1474	1479	rBV	32108	56604	1.08%	0.115%
21	11.822	1514	1519	1524	rBV4	7392	15014	0.29%	0.031%
22	11.910	1526	1534	1537	rVV4	6474	12241	0.23%	0.025%
23	12.504	1630	1635	1640	rBV5	7222	13714	0.26%	0.028%
24	12.692	1662	1667	1675	rBV	24344	37886	0.72%	0.077%
25	12.763	1675	1679	1687	rVB4	9967	15882	0.30%	0.032%
26	13.057	1725	1729	1737	rVB3	8073	14698	0.28%	0.030%
27	13.580	1810	1818	1824	rBV	1671221	2314241	44.19%	4.710%
28	13.627	1824	1826	1836	rVV	92728	143818	2.75%	0.293%
29	13.716	1838	1841	1847	rVB6	11761	17901	0.34%	0.036%
30	13.845	1854	1863	1881	rBV	1805515	2745772	52.43%	5.588%
31	14.157	1906	1916	1928	rBV	1302474	1878709	35.88%	3.824%
32	14.457	1960	1967	1981	rBV9	17925	89769	1.71%	0.183%
33	14.621	1990	1995	1997	rBV4	6579	7942	0.15%	0.016%
34	14.974	2051	2055	2057	rBV2	12245	16018	0.31%	0.033%

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35	15.004	2057	2060	2063	rVB	16248	18638	0.36%	0.038%
36	15.157	2079	2086	2104	rBV	2413350	3484428	66.54%	7.092%
37	15.298	2104	2110	2124	rVV	816201	1264528	24.15%	2.574%
38	15.404	2124	2128	2140	rVB	31304	64995	1.24%	0.132%
39	15.545	2147	2152	2154	rBV5	5471	8269	0.16%	0.017%
40	15.733	2178	2184	2189	rBV9	3880	8361	0.16%	0.017%
41	15.839	2197	2202	2205	rBV5	6845	13131	0.25%	0.027%
42	15.892	2208	2211	2215	rVV6	4480	6706	0.13%	0.014%
43	15.951	2217	2221	2233	rVB8	10573	21505	0.41%	0.044%
44	16.068	2236	2241	2245	rBV8	4178	6712	0.13%	0.014%
45	16.339	2283	2287	2295	rBV3	28590	55938	1.07%	0.114%
46	16.515	2312	2317	2324	rVB4	12101	17168	0.33%	0.035%
47	16.592	2324	2330	2333	rVB8	5501	7700	0.15%	0.016%
48	16.704	2343	2349	2352	rBV4	5677	10507	0.20%	0.021%
49	16.845	2369	2373	2377	rBV6	6075	7582	0.14%	0.015%
50	16.909	2377	2384	2394	rBV	1534936	2186709	41.76%	4.451%
51	17.004	2394	2400	2416	rVV	2845716	4077353	77.86%	8.299%
52	17.204	2433	2434	2439	rVB4	5913	6954	0.13%	0.014%
53	17.421	2467	2471	2474	rBV6	5272	7259	0.14%	0.015%
54	17.586	2495	2499	2503	rBV4	8139	14136	0.27%	0.029%
55	17.627	2504	2506	2514	rVB7	6134	7921	0.15%	0.016%
56	17.709	2516	2520	2525	rBV8	6323	10523	0.20%	0.021%
57	17.827	2534	2540	2549	rBV	1455177	2082615	39.77%	4.239%
58	18.109	2584	2588	2594	rVB6	12616	22819	0.44%	0.046%
59	18.327	2622	2625	2630	rBV5	6189	8705	0.17%	0.018%
60	18.509	2652	2656	2664	rVB10	6863	13445	0.26%	0.027%
61	18.750	2694	2697	2702	rBV4	8949	11607	0.22%	0.024%
62	18.950	2726	2731	2735	rBV	30762	54570	1.04%	0.111%
63	18.992	2735	2738	2750	rVB	18079	38779	0.74%	0.079%
64	19.115	2753	2759	2770	rBV	2300307	3176658	60.66%	6.465%
65	19.309	2786	2792	2810	rVB	3667965	5122496	97.82%	10.426%
66	20.827	3045	3050	3059	rBV	463196	735890	14.05%	1.498%
67	21.097	3091	3096	3108	rBV	1887879	2632590	50.27%	5.358%
68	22.121	3267	3270	3275	rVB2	66327	72231	1.38%	0.147%
69	22.597	3348	3351	3356	rVB	114505	146180	2.79%	0.298%
70	23.103	3430	3437	3450	rBV2	2862126	5236813	100.00%	10.659%
71	23.238	3454	3460	3475	rVB2	1310023	2567246	49.02%	5.225%

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72	23.733	3540	3544	3551	rVB	158148	280501	5.36%	0.571%
73	24.427	3659	3662	3671	rVB	130564	252875	4.83%	0.515%

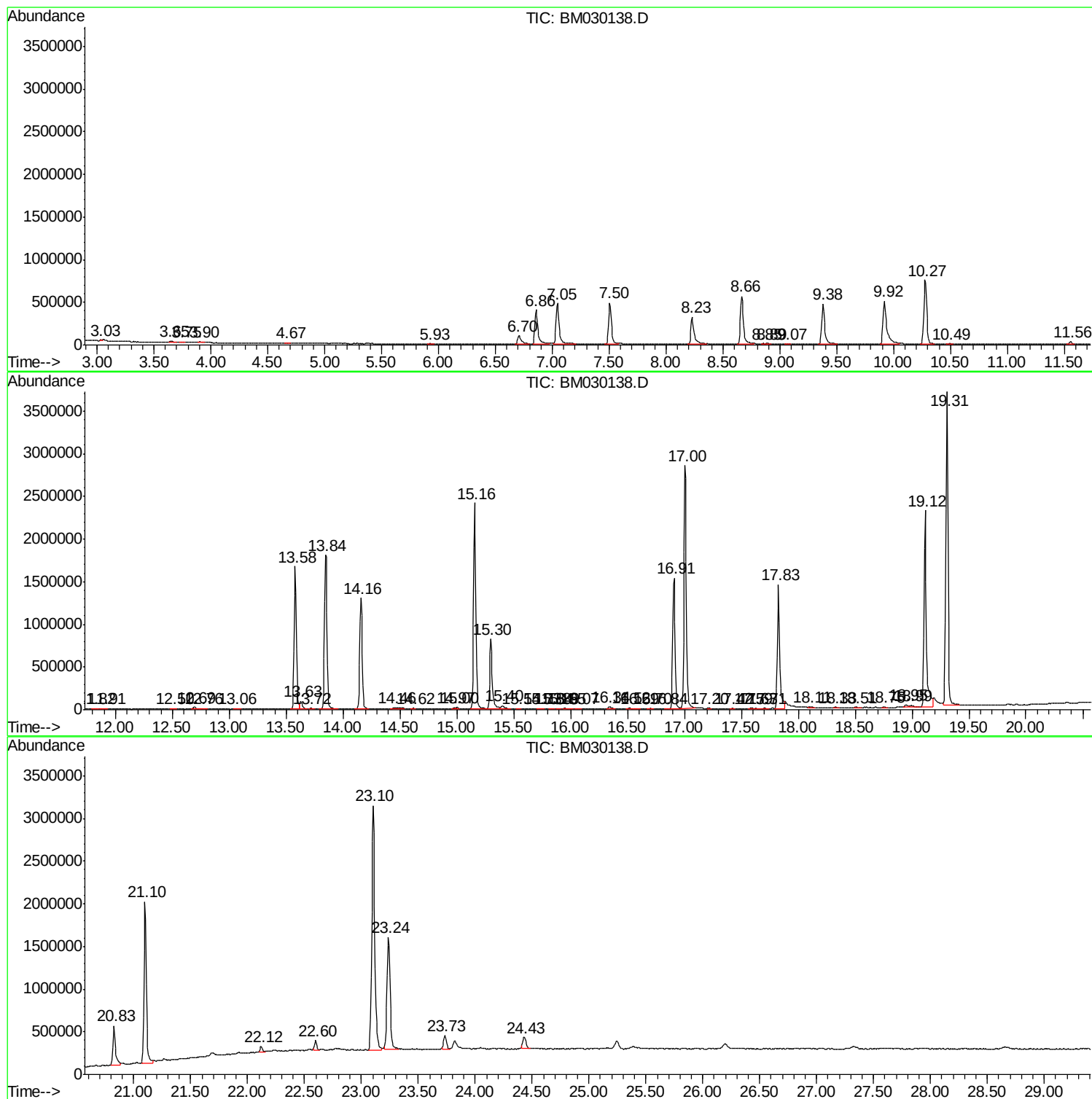
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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



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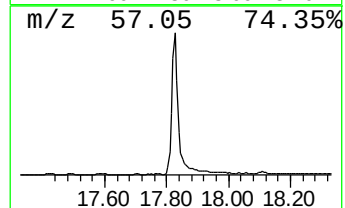
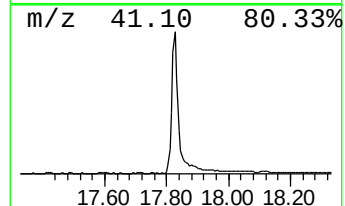
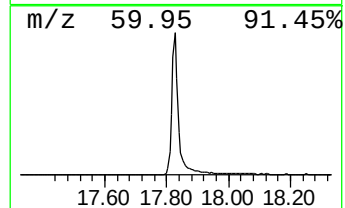
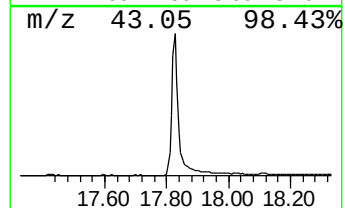
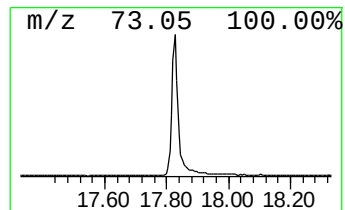
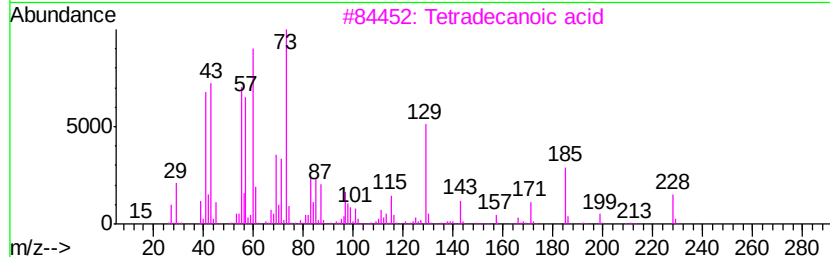
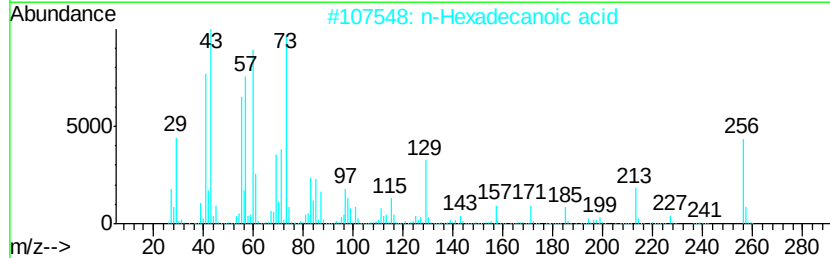
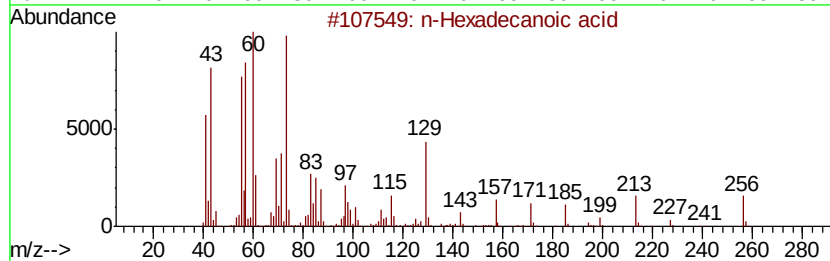
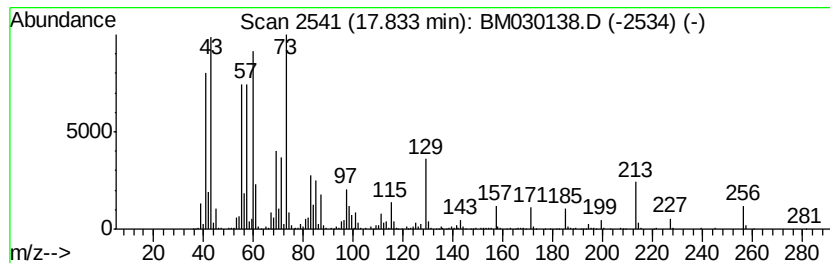
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.83	19.05 ng/ul	2082620	Phenanthrene-d10	16.91		
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	98	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87	



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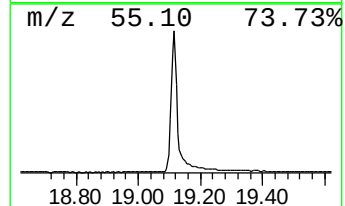
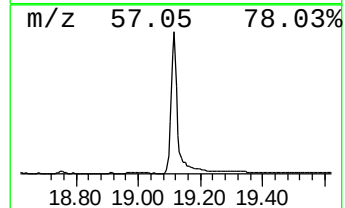
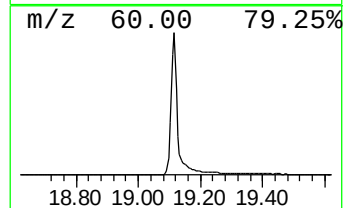
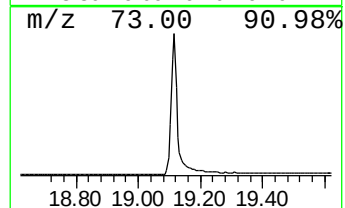
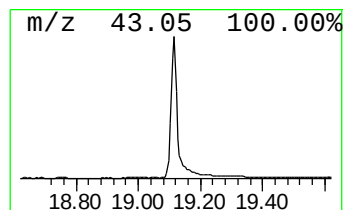
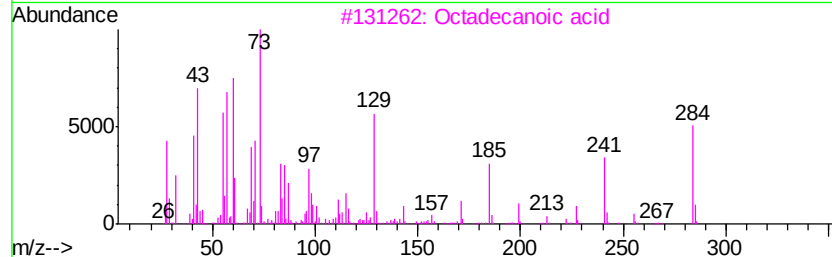
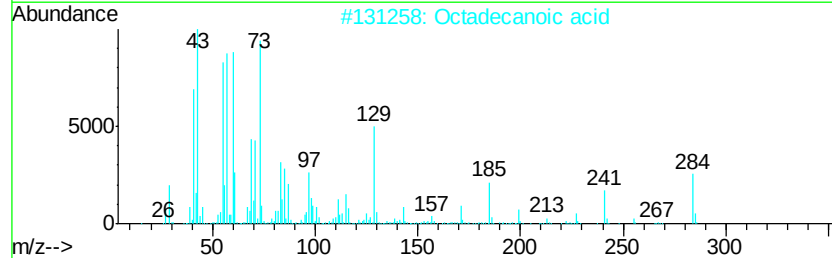
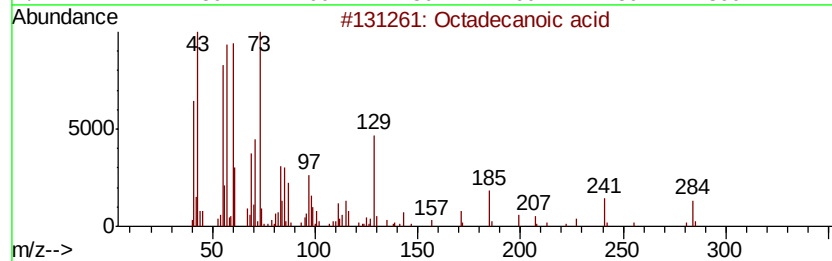
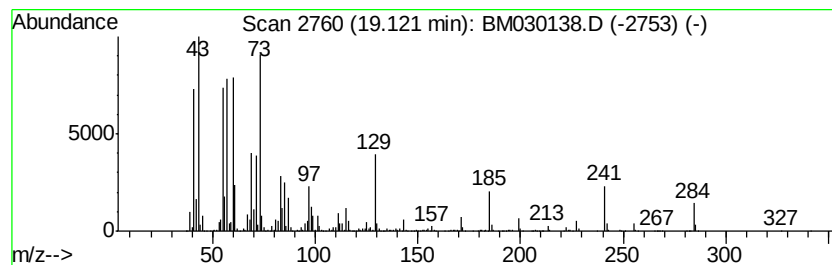
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	24.13 ng/ul	3176660	Chrysene-d12	21.10
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	99
3	Octadecanoic acid	284 C18H36O2	000057-11-4	99
4	Octadecanoic acid	284 C18H36O2	000057-11-4	97
5	Octadecanoic acid	284 C18H36O2	000057-11-4	95



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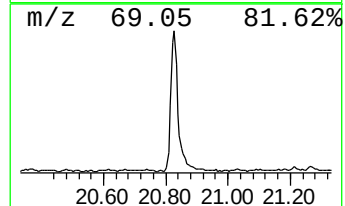
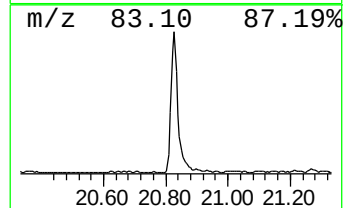
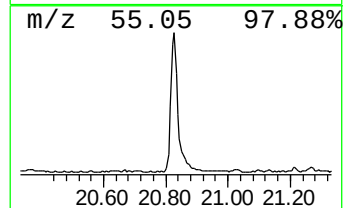
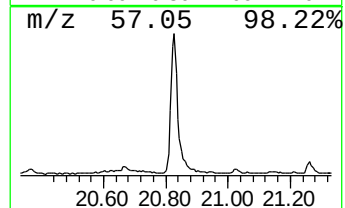
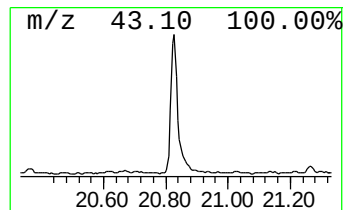
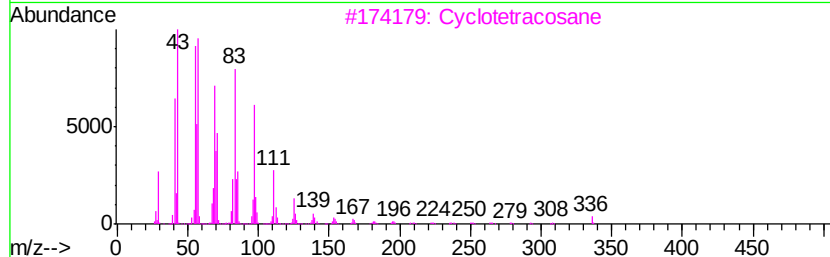
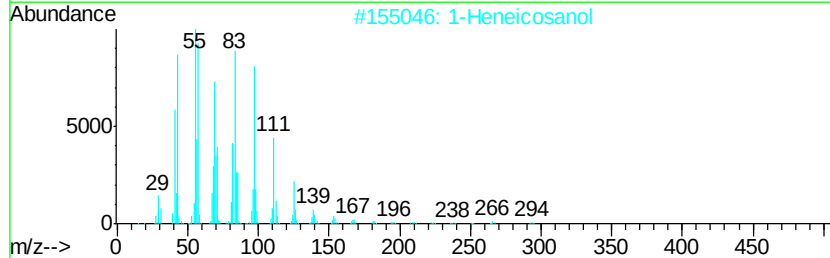
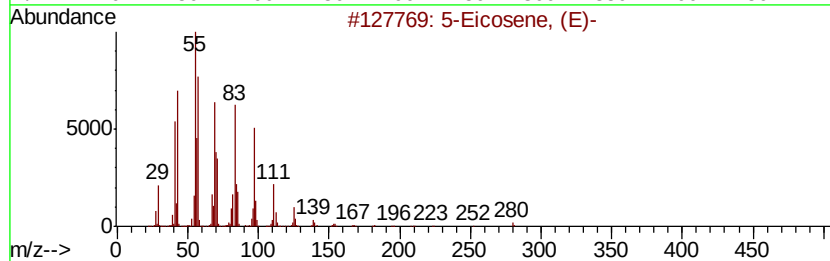
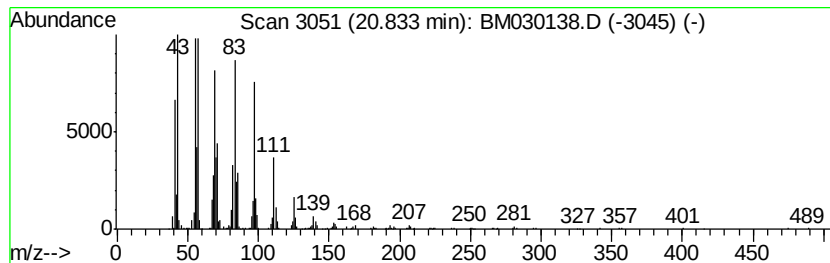
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	5.59 ng/ul	735890	Chrysene-d12	21.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2		1-Heneicosanol	312	C21H44O	015594-90-8	94
3		Cyclotetracosane	336	C24H48	000297-03-0	93
4		Cyclopentadecane	210	C15H30	000295-48-7	93
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91



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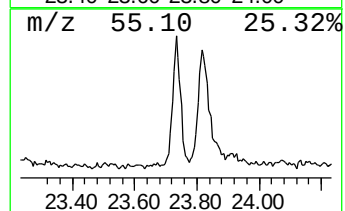
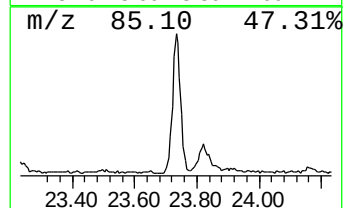
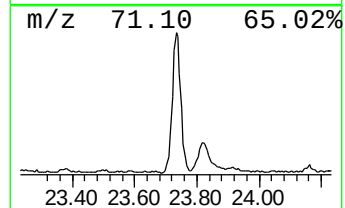
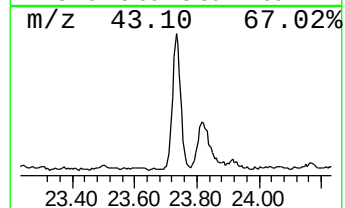
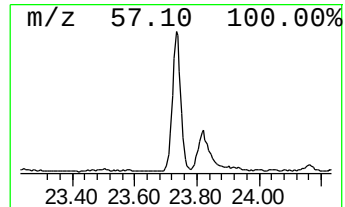
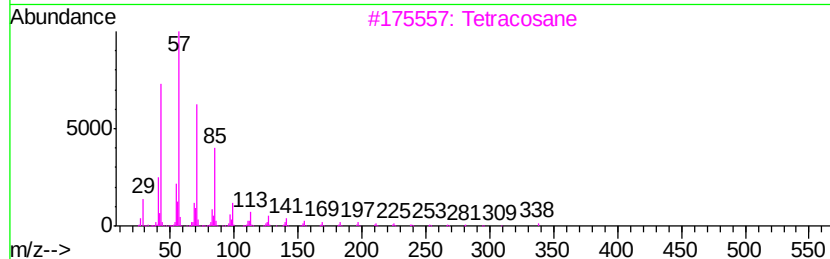
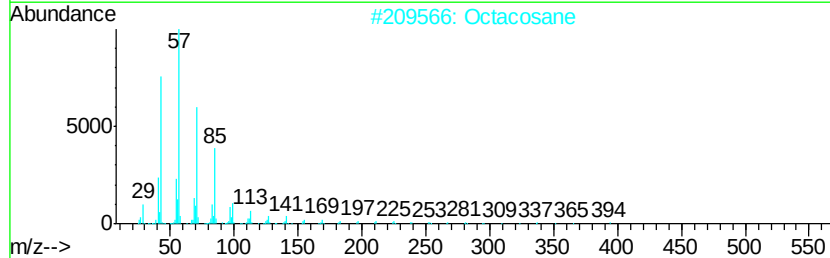
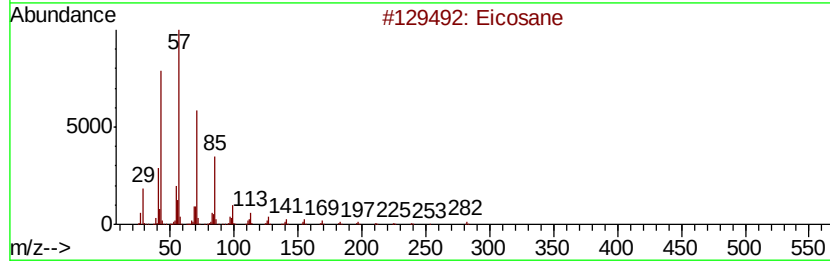
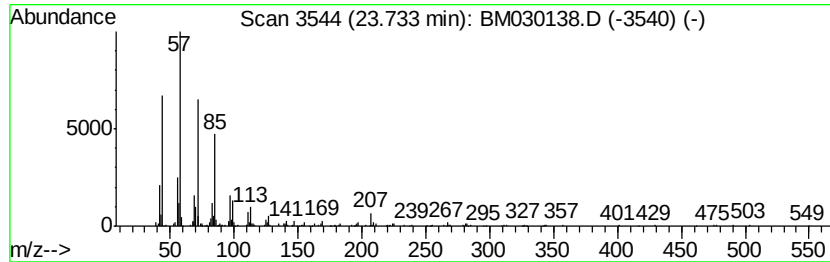
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.73	2.19 ng/ul	280501	Perylene-d12	23.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Octacosane	394	C28H58	000630-02-4	87
3		Tetracosane	338	C24H50	000646-31-1	87
4		Hentriacontane	437	C31H64	000630-04-6	87
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052021\
Data File : BM030138.D
Acq On : 22 May 2021 07:11
Operator : CG/JU
Sample : M2474-14
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB411

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.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	17.83	19.1	ng/ul	2082620	4	16.91	2186710	20.0
Octadecanoic acid	19.12	24.1	ng/ul	3176660	5	21.10	2632590	20.0
(DEL) Alkane: Str...	20.83	5.6	ng/ul	735890	5	21.10	2632590	20.0
(DEL) Alkane: Str...	23.73	2.2	ng/ul	280501	6	23.24	2567250	20.0