

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050119\
 Data File : BN005407.D
 Acq On : 01 May 2019 13:02
 Operator : JU/SJ
 Sample : K2596-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFH40

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_N\METHODS\SOM-EPA-BN041919MA.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	3.216	35	39	48	rVB	71016	107062	1.64%	0.124%
2	3.704	118	122	131	rBV2	61107	81908	1.25%	0.095%
3	3.910	154	157	160	rVB	14582	18329	0.28%	0.021%
4	4.257	213	216	219	rBV4	8314	11746	0.18%	0.014%
5	4.775	300	304	313	rVB2	45081	73608	1.13%	0.086%
6	4.869	316	320	325	rVV2	25494	37221	0.57%	0.043%
7	5.704	457	462	463	rVV5	6704	8382	0.13%	0.010%
8	6.204	544	547	549	rBV3	6131	7891	0.12%	0.009%
9	6.275	556	559	564	rVB2	8596	10996	0.17%	0.013%
10	6.487	590	595	600	rBV5	7414	12657	0.19%	0.015%
11	6.616	612	617	619	rBV4	12520	19238	0.29%	0.022%
12	6.781	636	645	660	rBV	1526589	2492807	38.18%	2.898%
13	6.940	666	672	684	rVB	1064483	1670061	25.58%	1.942%
14	7.134	698	705	715	rBV	1551571	2431722	37.24%	2.827%
15	7.234	717	722	725	rVV5	15349	22164	0.34%	0.026%
16	7.298	729	733	738	rBV4	7247	10018	0.15%	0.012%
17	7.592	776	783	791	rBV	1522773	2412394	36.95%	2.805%
18	7.663	791	795	802	rVB3	24969	39899	0.61%	0.046%
19	8.192	884	885	889	rVB2	6334	7082	0.11%	0.008%
20	8.298	894	903	914	rBV	1859486	3020477	46.26%	3.512%
21	8.398	918	920	929	rVB8	12085	26394	0.40%	0.031%
22	8.681	963	968	970	rBV4	5077	9975	0.15%	0.012%
23	8.734	970	977	987	rVV	1355857	2267314	34.73%	2.636%
24	8.863	995	999	1002	rBV4	9073	13894	0.21%	0.016%
25	8.904	1003	1006	1013	rVB5	18689	33923	0.52%	0.039%
26	9.175	1047	1052	1060	rBV	63267	97820	1.50%	0.114%
27	9.275	1066	1069	1070	rBV2	7291	8113	0.12%	0.009%
28	9.451	1092	1099	1106	rBV	1146912	1918089	29.38%	2.230%
29	9.498	1106	1107	1113	rVB4	8112	10385	0.16%	0.012%
30	9.710	1137	1143	1144	rBV5	5824	8958	0.14%	0.010%
31	9.728	1144	1146	1151	rVB4	7606	8426	0.13%	0.010%
32	9.986	1182	1190	1206	rBV	1849213	3281199	50.26%	3.815%
33	10.357	1244	1253	1262	rBV	2087776	3539988	54.22%	4.116%
34	10.492	1267	1276	1295	rBV	1018044	2009856	30.78%	2.337%

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35	11.169	1385	1391	1396	rBV7	8539	16716	0.26%	0.019%
36	11.457	1436	1440	1443	rVB6	4431	8051	0.12%	0.009%
37	11.663	1471	1475	1478	rVB3	6583	7223	0.11%	0.008%
38	11.792	1490	1497	1500	rBV4	10469	14585	0.22%	0.017%
39	11.863	1506	1509	1514	rBV4	9365	11671	0.18%	0.014%
40	11.957	1518	1525	1530	rVV2	28747	55260	0.85%	0.064%
41	12.163	1557	1560	1563	rBV4	5607	7548	0.12%	0.009%
42	12.575	1627	1630	1634	rVB4	6810	9668	0.15%	0.011%
43	12.769	1660	1663	1668	rVB4	6147	8991	0.14%	0.010%
44	12.827	1670	1673	1679	rVV4	8785	15112	0.23%	0.018%
45	13.010	1700	1704	1709	rVB7	5555	10859	0.17%	0.013%
46	13.063	1709	1713	1717	rBV6	16818	27175	0.42%	0.032%
47	13.192	1732	1735	1739	rVB2	8979	12892	0.20%	0.015%
48	13.280	1747	1750	1754	rVB5	3766	6542	0.10%	0.008%
49	13.469	1779	1782	1787	rVV5	6784	10574	0.16%	0.012%
50	13.516	1787	1790	1794	rVB5	5873	8898	0.14%	0.010%
51	13.645	1805	1812	1816	rVV	3158426	4424262	67.76%	5.144%
52	13.692	1816	1820	1833	rVB	923859	1282508	19.64%	1.491%
53	13.916	1848	1858	1871	rBV	3668039	5560951	85.17%	6.465%
54	14.069	1879	1884	1894	rBV3	44444	106435	1.63%	0.124%
55	14.151	1894	1898	1901	rVB4	22232	28603	0.44%	0.033%
56	14.227	1904	1911	1923	rBV2	3078151	4713844	72.20%	5.481%
57	14.445	1942	1948	1969	rBV	876393	1796764	27.52%	2.089%
58	14.604	1970	1975	1982	rVV6	36692	76114	1.17%	0.088%
59	14.669	1982	1986	1991	rVB6	29140	47925	0.73%	0.056%
60	14.774	2001	2004	2008	rVB6	6824	10164	0.16%	0.012%
61	14.845	2013	2016	2019	rVV4	7026	8272	0.13%	0.010%
62	14.904	2022	2026	2033	rVB10	14333	25668	0.39%	0.030%
63	14.969	2033	2037	2038	rBV3	9561	11544	0.18%	0.013%
64	14.986	2038	2040	2046	rVV6	11995	17745	0.27%	0.021%
65	15.051	2048	2051	2053	rVV3	18405	23351	0.36%	0.027%
66	15.110	2057	2061	2065	rVB2	22666	32581	0.50%	0.038%
67	15.227	2075	2081	2091	rBV	4321648	6529071	100.00%	7.591%
68	15.363	2098	2104	2116	rBV	516910	786616	12.05%	0.915%
69	15.469	2118	2122	2126	rVB2	60197	85570	1.31%	0.099%
70	15.610	2143	2146	2150	rVB6	15415	21724	0.33%	0.025%
71	15.669	2153	2156	2157	rBV2	13100	11902	0.18%	0.014%

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72	15.792	2175	2177	2183	rBV7	11898	20822	0.32%	0.024%
73	15.933	2193	2201	2204	rBV7	30312	74565	1.14%	0.087%
74	15.974	2206	2208	2212	rVV4	36893	49673	0.76%	0.058%
75	16.016	2212	2215	2220	rVB5	30505	52196	0.80%	0.061%
76	16.139	2234	2236	2240	rBV5	12659	20384	0.31%	0.024%
77	16.286	2259	2261	2263	rBV3	11043	9135	0.14%	0.011%
78	16.339	2268	2270	2273	rVB4	15490	17195	0.26%	0.020%
79	16.592	2310	2313	2317	rBV	58192	74359	1.14%	0.086%
80	16.768	2340	2343	2347	rBV2	31422	38741	0.59%	0.045%
81	16.986	2374	2380	2389	rBV2	3418102	5045639	77.28%	5.866%
82	17.080	2390	2396	2409	rBV2	4271005	6336707	97.05%	7.367%
83	17.286	2428	2431	2434	rBV2	28386	40532	0.62%	0.047%
84	17.910	2532	2537	2544	rBV	1309162	2000674	30.64%	2.326%
85	19.204	2754	2757	2766	rBV	420892	642328	9.84%	0.747%
86	19.398	2785	2790	2799	rBV	4026339	5670445	86.85%	6.593%
87	20.357	2950	2953	2958	rBV	384176	416677	6.38%	0.484%
88	20.956	3052	3055	3063	rVB2	830182	1036575	15.88%	1.205%
89	21.162	3087	3090	3094	rVB	445209	454995	6.97%	0.529%
90	21.221	3096	3100	3107	rVB	2728603	3745873	57.37%	4.355%
91	21.409	3130	3132	3138	rVB2	522791	563011	8.62%	0.655%
92	23.309	3449	3455	3462	rBV2	2463358	4501057	68.94%	5.233%
93	23.445	3473	3478	3487	rVB2	1911030	3635732	55.69%	4.227%

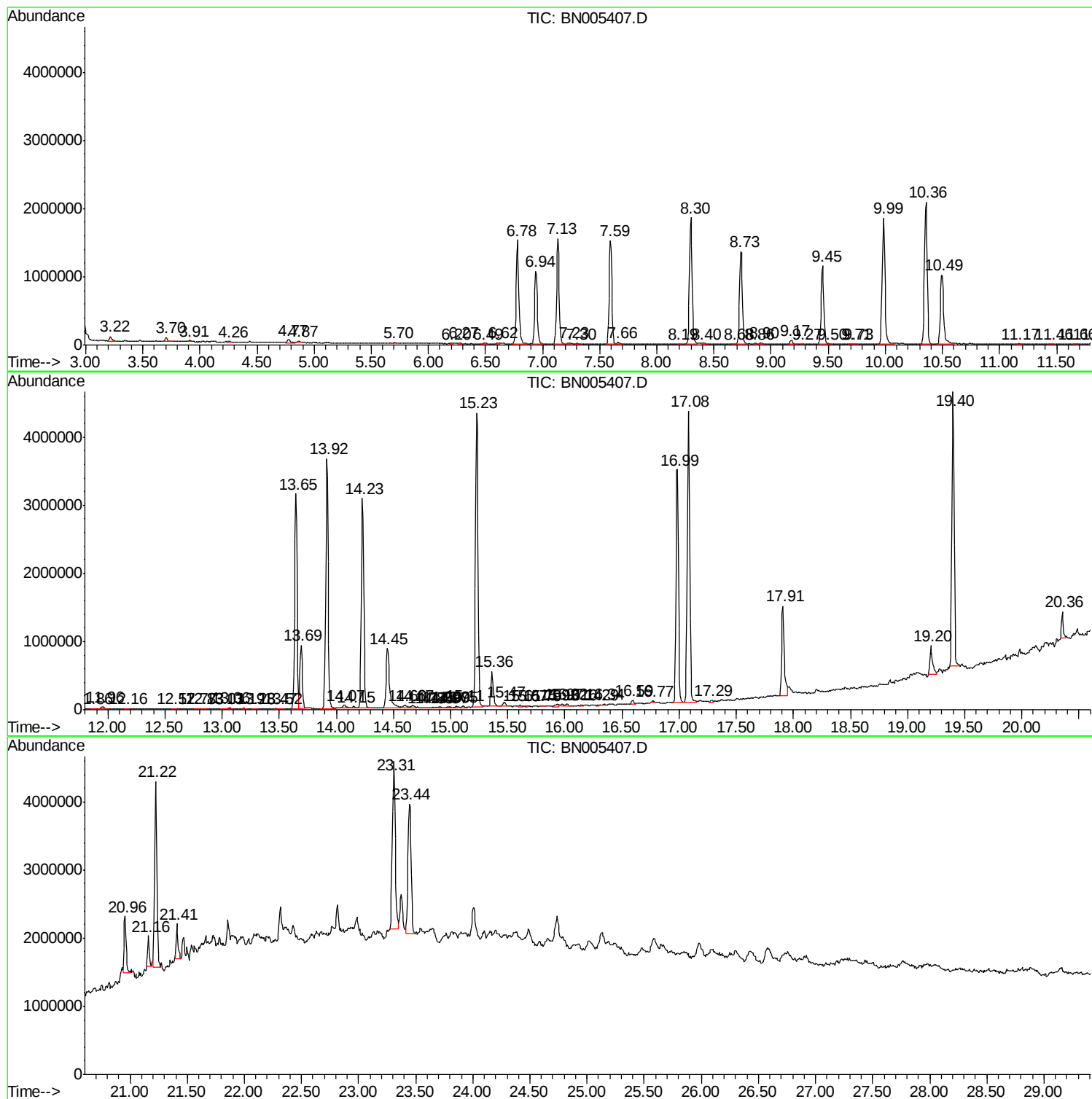
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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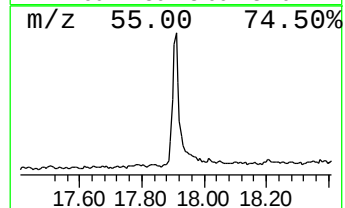
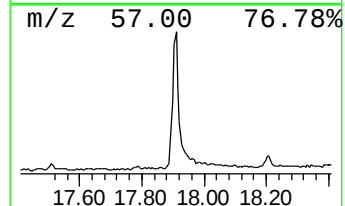
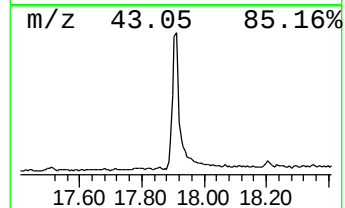
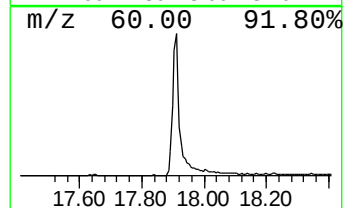
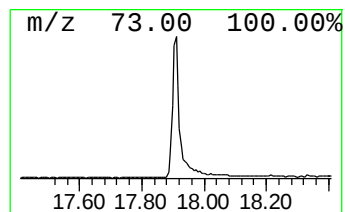
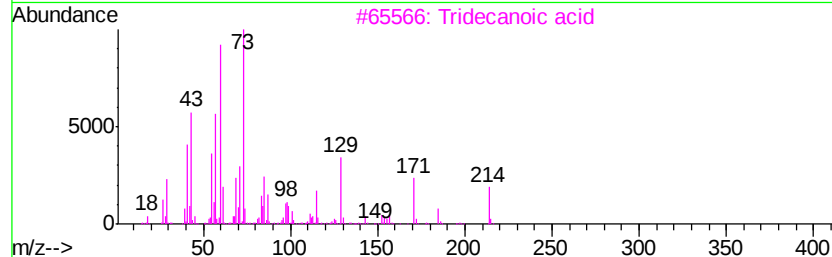
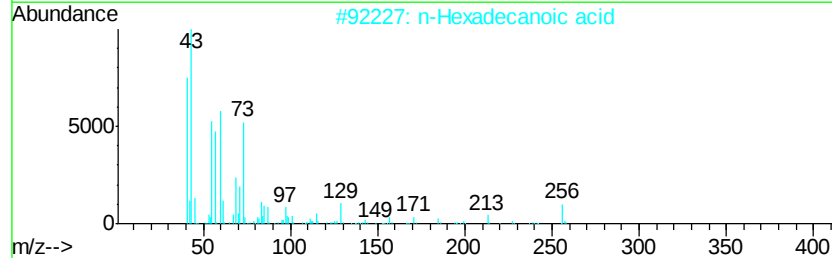
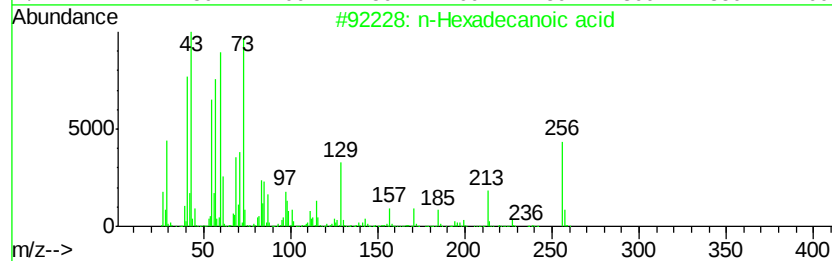
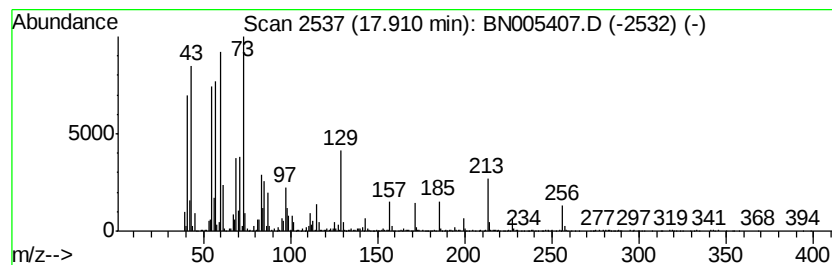
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	7.93 ng/ul	2000670	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		Tridecanoic acid	214	C13H26O2	000638-53-9	87
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	68



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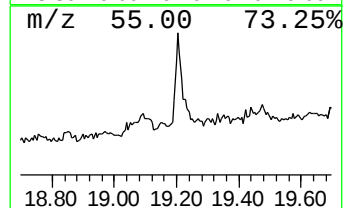
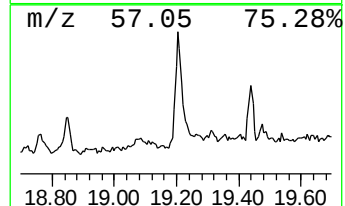
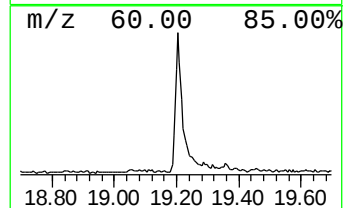
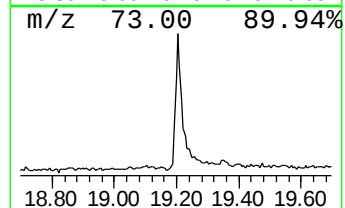
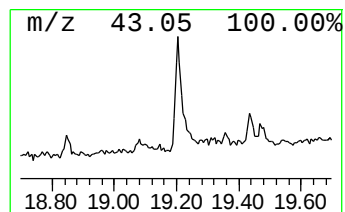
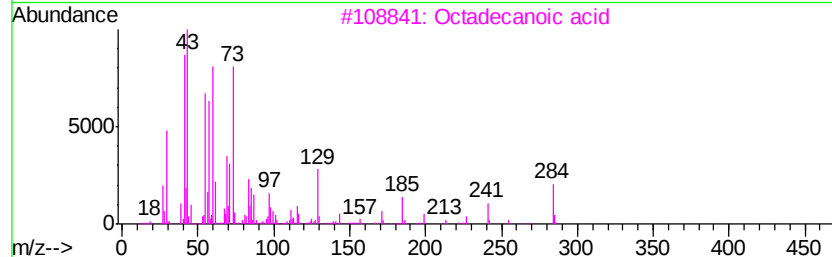
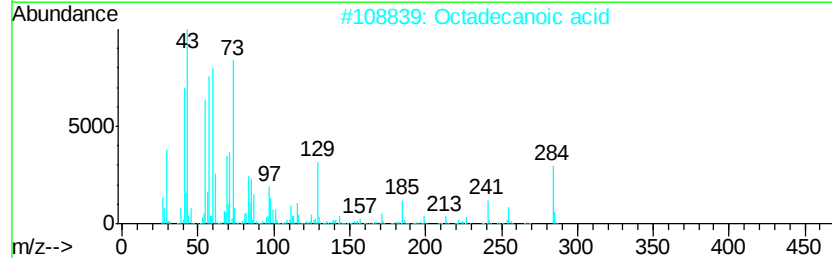
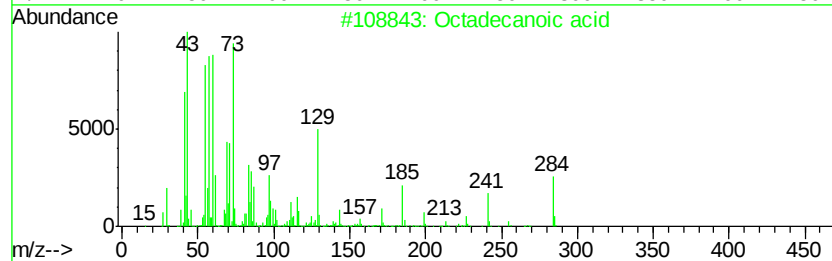
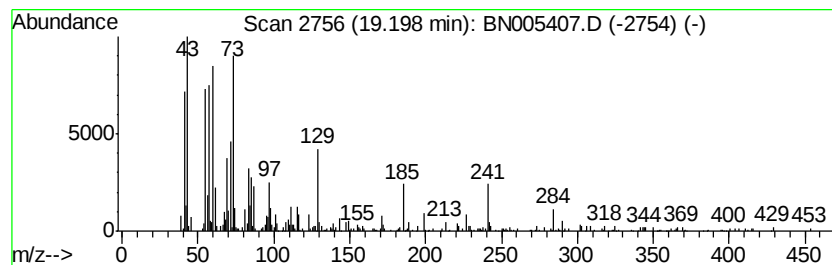
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	3.43 ng/ul	642328	Chrysene-d12	21.22

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	94	
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	86	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	78	



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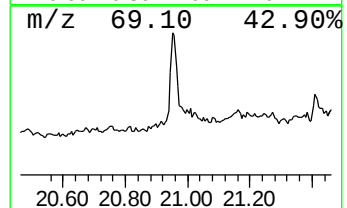
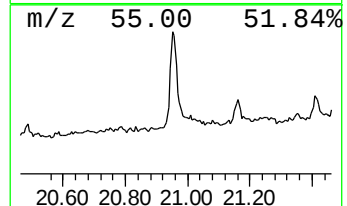
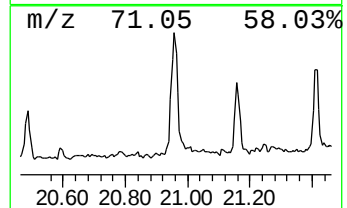
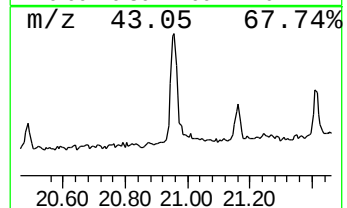
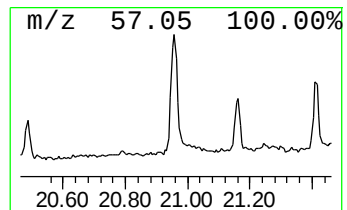
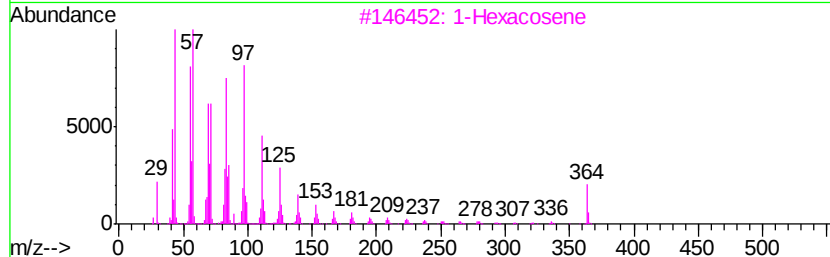
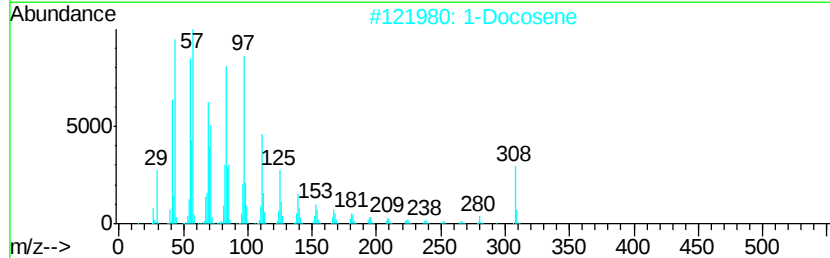
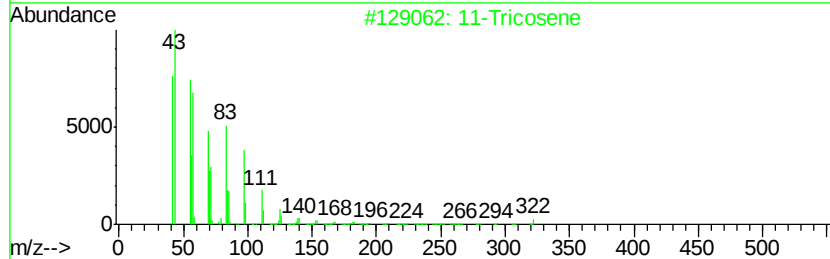
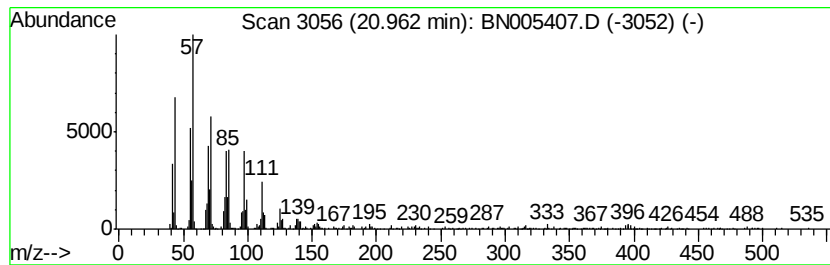
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic20.96 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.96	5.53 ng/ul	1036580	Chrysene-d12	21.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Tricosene	322	C23H46	052078-56-5	98
2	1-Docosene	308	C22H44	001599-67-3	96
3	1-Hexacosene	364	C26H52	018835-33-1	94
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91



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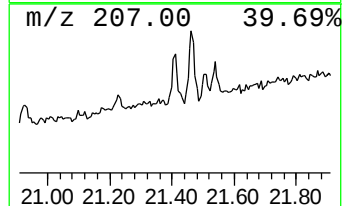
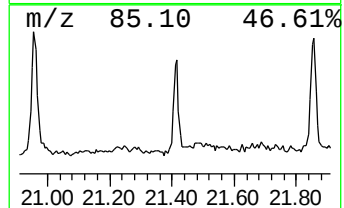
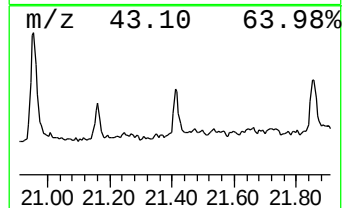
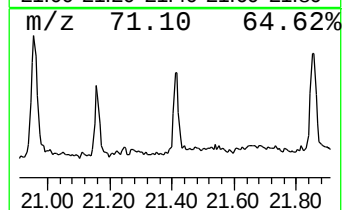
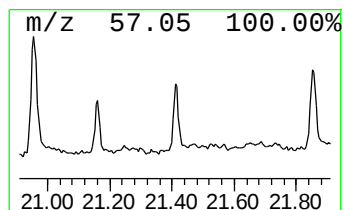
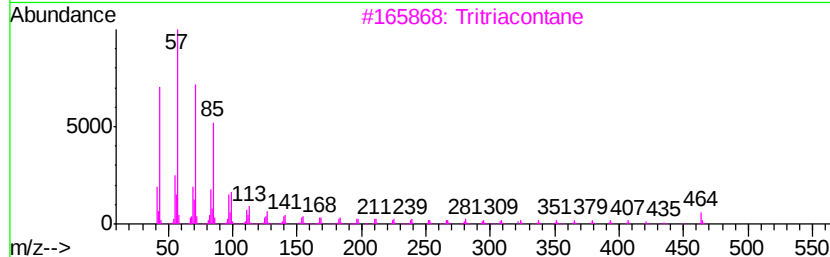
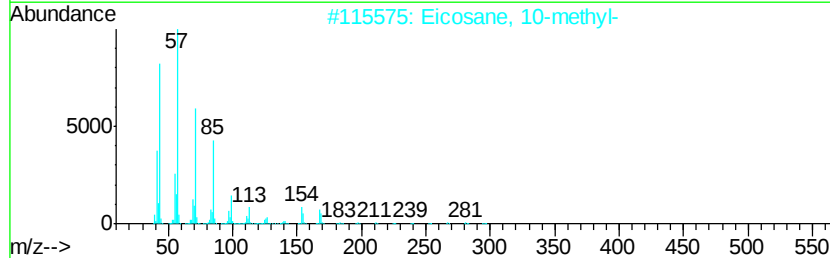
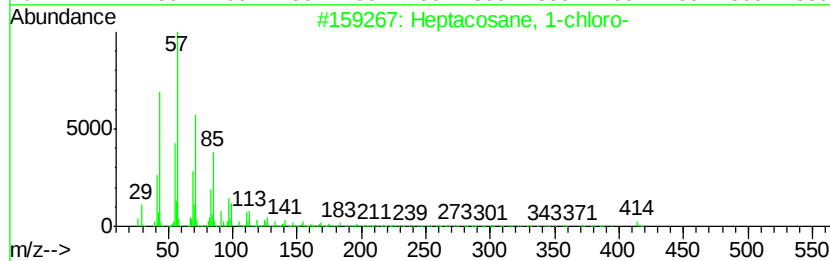
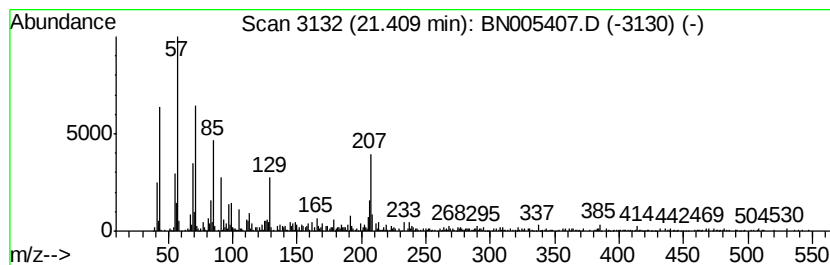
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Heptacosane, 1-chloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	3.01 ng/ul	563011	Chrysene-d12	21.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	93	
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	64	
3	Tritriacontane	465	C33H68	000630-05-7	50	
4	Tricosane	324	C23H48	000638-67-5	50	
5	Tricosane	324	C23H48	000638-67-5	45	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050119\
Data File : BN005407.D
Acq On : 01 May 2019 13:02
Operator : JU/SJ
Sample : K2596-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFH40

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.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
n-Hexadecanoic acid	17.91	7.9	ng/ul	2000670	4	16.99	5045640	20.0
Octadecanoic acid	19.20	3.4	ng/ul	642328	5	21.22	3745870	20.0
(DEL) Alkane: Cyc...	20.96	5.5	ng/ul	1036580	5	21.22	3745870	20.0
Heptacosane, 1-ch...	21.41	3.0	ng/ul	563011	5	21.22	3745870	20.0