

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
 Data File : BN005985.D
 Acq On : 31 May 2019 18:18
 Operator : JU/SJ
 Sample : K2923-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4257

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-BN052819MA.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	3.266	14	19	25	rVB	59631	98153	1.82%	0.127%
2	3.530	61	64	71	rVB3	18675	32040	0.59%	0.042%
3	3.766	100	104	111	rVB	101113	130654	2.42%	0.169%
4	3.883	119	124	131	rVB	98172	162174	3.01%	0.210%
5	3.977	136	140	148	rVB	48056	77660	1.44%	0.101%
6	4.330	197	200	208	rVB6	20870	36409	0.67%	0.047%
7	4.519	227	232	238	rVB2	26115	37066	0.69%	0.048%
8	4.866	286	291	299	rVB	108506	169413	3.14%	0.220%
9	4.960	299	307	314	rBV3	32220	60122	1.11%	0.078%
10	5.207	345	349	354	rBV6	11599	24918	0.46%	0.032%
11	5.830	448	455	462	rVB4	32209	63364	1.17%	0.082%
12	6.136	502	507	513	rVB	17486	27959	0.52%	0.036%
13	6.389	546	550	559	rVB9	12092	25332	0.47%	0.033%
14	6.613	583	588	593	rVB3	24332	42318	0.78%	0.055%
15	6.730	604	608	613	rBV2	23764	39494	0.73%	0.051%
16	6.907	630	638	654	rVB	1192659	1959307	36.32%	2.539%
17	7.071	660	666	679	rVB	864393	1369962	25.39%	1.776%
18	7.271	691	700	707	rBV	1207859	1885226	34.94%	2.443%
19	7.336	707	711	717	rVV	36494	58710	1.09%	0.076%
20	7.736	768	779	786	rBV	1731648	2820075	52.27%	3.655%
21	7.801	786	790	796	rVB	25729	40696	0.75%	0.053%
22	8.442	892	899	908	rBV	1427817	2225546	41.25%	2.884%
23	8.560	915	919	922	rVB2	17234	24896	0.46%	0.032%
24	8.895	969	976	984	rVV	1079938	1751784	32.47%	2.270%
25	9.007	991	995	998	rVV5	16187	25849	0.48%	0.034%
26	9.054	998	1003	1011	rVB3	34430	61437	1.14%	0.080%
27	9.312	1042	1047	1053	rVB2	51949	77601	1.44%	0.101%
28	9.436	1062	1068	1074	rBV9	14558	31094	0.58%	0.040%
29	9.612	1091	1098	1106	rBV	903876	1466359	27.18%	1.901%
30	9.754	1119	1122	1129	rVB7	16967	35644	0.66%	0.046%
31	10.154	1182	1190	1198	rVB	1492907	2488208	46.12%	3.225%
32	10.307	1210	1216	1224	rBV5	24362	49828	0.92%	0.065%
33	10.530	1244	1254	1261	rBV	2469300	4099711	75.99%	5.314%
34	10.577	1261	1262	1266	rVB	27683	29244	0.54%	0.038%

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35	10.671	1272	1278	1287	rVV	138194	273184	5.06%	0.354%
36	11.318	1384	1388	1391	rVV3	20843	34254	0.63%	0.044%
37	11.359	1391	1395	1402	rVV7	20459	43777	0.81%	0.057%
38	11.559	1425	1429	1437	rBV7	14941	28588	0.53%	0.037%
39	11.959	1493	1497	1504	rVB7	22876	37043	0.69%	0.048%
40	12.030	1504	1509	1514	rBV5	13088	29199	0.54%	0.038%
41	12.101	1517	1521	1522	rVV3	17384	23561	0.44%	0.031%
42	12.124	1522	1525	1530	rVV2	29422	46293	0.86%	0.060%
43	12.201	1533	1538	1545	rVB	27132	42992	0.80%	0.056%
44	12.424	1571	1576	1581	rBV2	18812	34551	0.64%	0.045%
45	12.659	1609	1616	1620	rBV8	15974	34008	0.63%	0.044%
46	12.995	1667	1673	1678	rBV6	15157	24902	0.46%	0.032%
47	13.218	1707	1711	1716	rBV5	31392	46270	0.86%	0.060%
48	13.289	1718	1723	1730	rVV4	23612	54320	1.01%	0.070%
49	13.353	1730	1734	1742	rVB7	23681	38116	0.71%	0.049%
50	13.442	1742	1749	1753	rVB9	13095	26501	0.49%	0.034%
51	13.565	1762	1770	1777	rBV9	18996	51120	0.95%	0.066%
52	13.636	1777	1782	1789	rBV2	52948	93166	1.73%	0.121%
53	13.712	1791	1795	1799	rVV3	27499	44187	0.82%	0.057%
54	13.806	1799	1811	1815	rBV	2256109	3256393	60.36%	4.221%
55	13.848	1815	1818	1827	rVB	1009012	1411904	26.17%	1.830%
56	14.048	1847	1852	1853	rBV4	25919	37439	0.69%	0.049%
57	14.089	1853	1859	1870	rVB	2578833	4020058	74.52%	5.210%
58	14.300	1891	1895	1901	rBV3	31683	45194	0.84%	0.059%
59	14.400	1903	1912	1918	rBV2	3125992	4895562	90.74%	6.345%
60	14.459	1918	1922	1929	rVB	72108	124498	2.31%	0.161%
61	14.542	1931	1936	1940	rBV2	38554	57134	1.06%	0.074%
62	14.600	1940	1946	1950	rBV	857975	1268592	23.51%	1.644%
63	14.647	1950	1954	1967	rVB	1257392	1985445	36.80%	2.573%
64	14.747	1967	1971	1976	rVB	126577	179724	3.33%	0.233%
65	14.800	1976	1980	1981	rBV	45073	57588	1.07%	0.075%
66	15.253	2054	2057	2065	rVB4	32527	50471	0.94%	0.065%
67	15.395	2071	2081	2087	rBV	3232621	4590769	85.09%	5.950%
68	15.447	2087	2090	2094	rVB	81886	103304	1.91%	0.134%
69	15.524	2097	2103	2109	rBV	762156	1073632	19.90%	1.392%
70	15.630	2116	2121	2125	rBV3	35990	70387	1.30%	0.091%
71	15.742	2135	2140	2146	rVB4	38514	77157	1.43%	0.100%

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72	15.889	2160	2165	2172	rBV3	31519	73272	1.36%	0.095%
73	16.124	2201	2205	2212	rVV5	66849	120005	2.22%	0.156%
74	16.183	2212	2215	2219	rVB6	20450	26652	0.49%	0.035%
75	16.271	2226	2230	2231	rBV4	25527	32371	0.60%	0.042%
76	16.553	2274	2278	2284	rVB4	49137	67359	1.25%	0.087%
77	16.806	2317	2321	2327	rVB2	49508	76445	1.42%	0.099%
78	16.871	2328	2332	2336	rBV5	56572	97314	1.80%	0.126%
79	16.906	2336	2338	2345	rVV5	30257	57612	1.07%	0.075%
80	16.971	2345	2349	2356	rVB	82836	123713	2.29%	0.160%
81	17.053	2359	2363	2365	rBV4	51518	68805	1.28%	0.089%
82	17.112	2370	2373	2374	rBV3	38326	36267	0.67%	0.047%
83	17.153	2374	2380	2384	rBV2	3260764	4714852	87.39%	6.111%
84	17.194	2384	2387	2391	rVB	1100282	1381544	25.61%	1.791%
85	17.253	2391	2397	2401	rBV	2767402	4025625	74.62%	5.218%
86	17.553	2446	2448	2452	rVB	85336	105739	1.96%	0.137%
87	17.988	2519	2522	2525	rBV2	80438	109914	2.04%	0.142%
88	18.053	2525	2533	2542	rVV2	1535364	2622939	48.62%	3.400%
89	18.159	2548	2551	2556	rVB2	89902	129198	2.39%	0.167%
90	18.224	2557	2562	2566	rVV2	234833	433003	8.03%	0.561%
91	18.259	2566	2568	2573	rVB	110346	140629	2.61%	0.182%
92	18.535	2611	2615	2618	rBV	128052	176119	3.26%	0.228%
93	18.577	2619	2622	2628	rVB2	106887	156752	2.91%	0.203%
94	18.953	2684	2686	2690	rVB2	86679	97398	1.81%	0.126%
95	19.218	2727	2731	2740	rVB	1896828	2586377	47.94%	3.352%
96	19.341	2749	2752	2762	rVB2	461836	662852	12.29%	0.859%
97	19.559	2784	2789	2792	rBV	3106128	4420922	81.95%	5.730%
98	19.588	2792	2794	2803	rVB	1582983	1796489	33.30%	2.328%
99	21.082	3044	3048	3055	rBV3	1153790	1581071	29.31%	2.049%
100	21.371	3091	3097	3102	rBV2	3040027	5394950	100.00%	6.992%

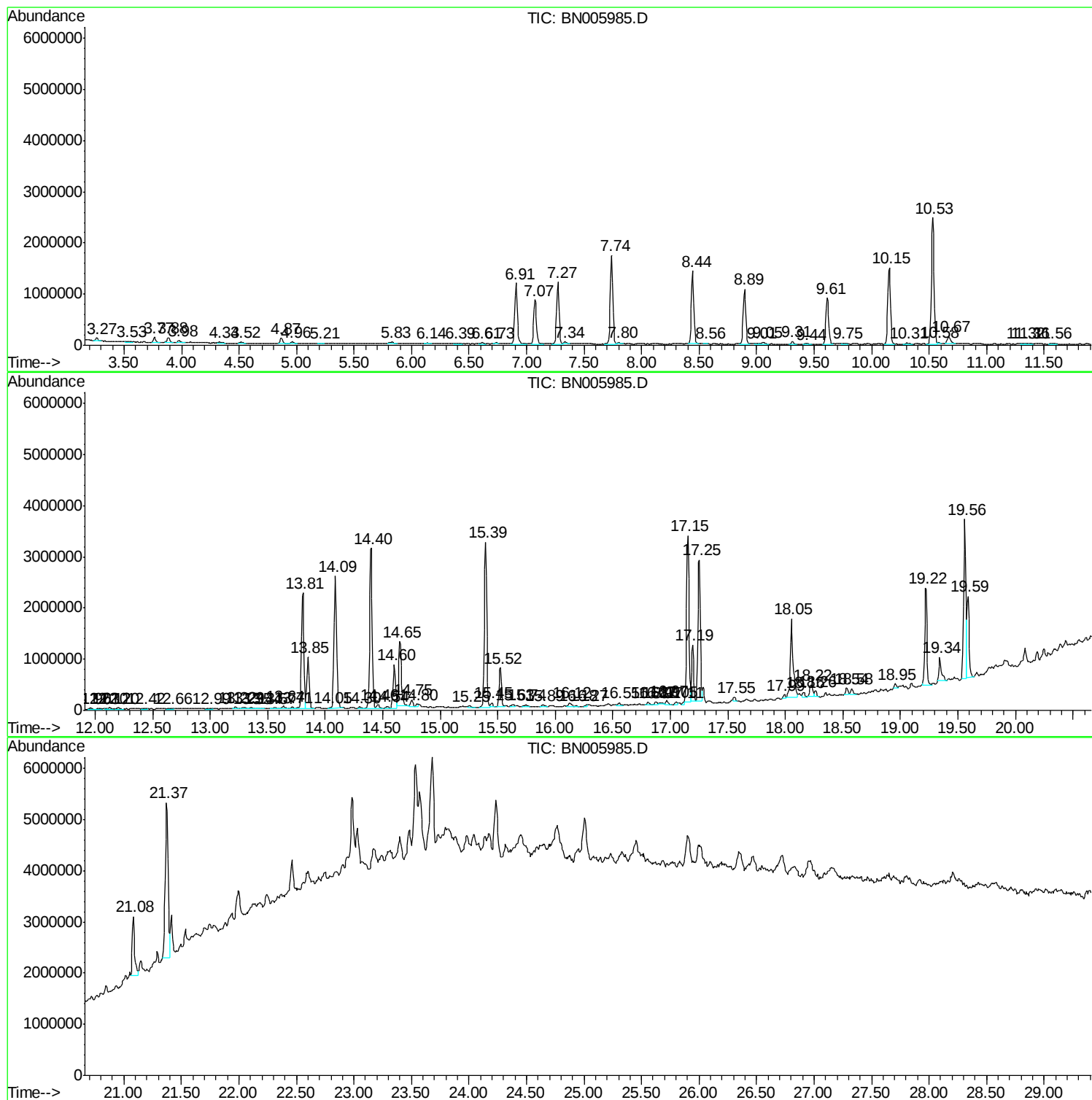
Sum of corrected areas: 77155724

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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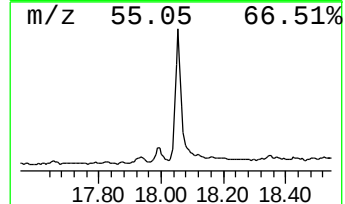
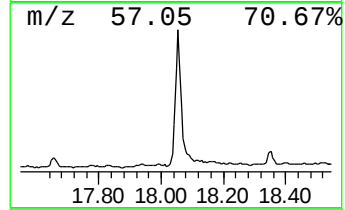
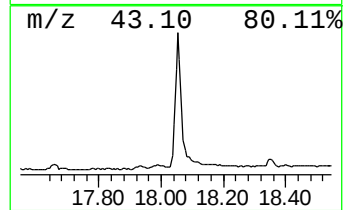
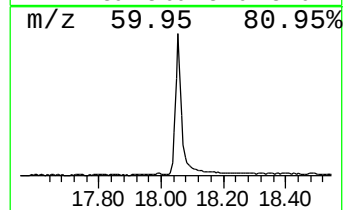
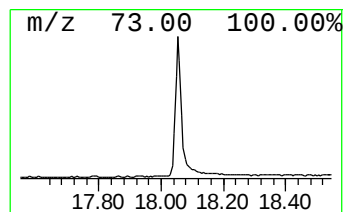
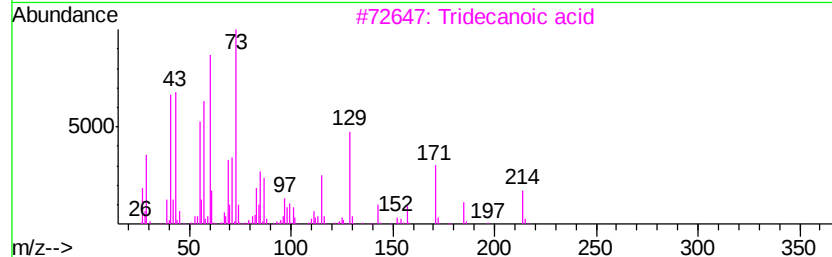
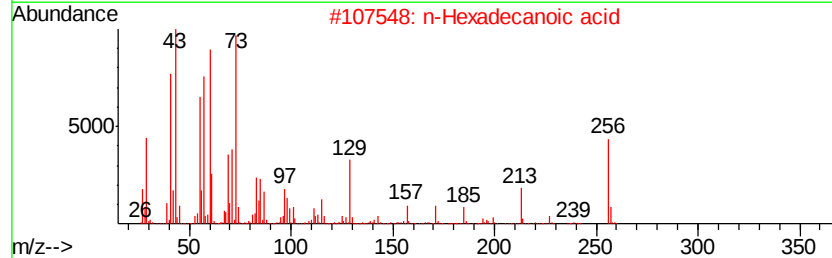
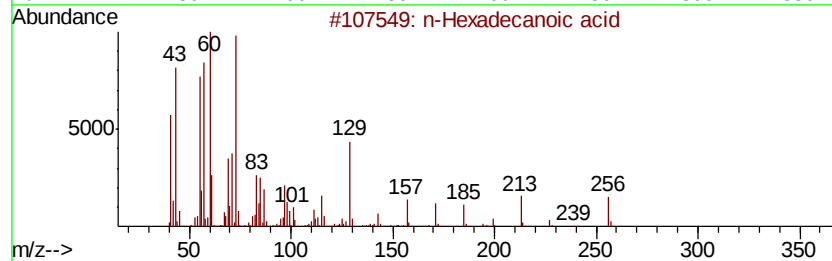
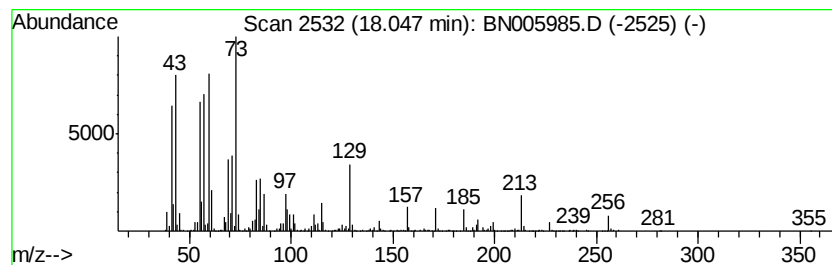
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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.		
18.05	11.13 ng/ul	2622940	Phenanthrene-d10	17.15		
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	Tridecanoic acid	214	C13H26O2	000638-53-9	95	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	94	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91	



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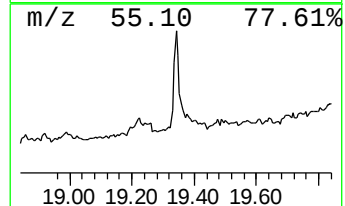
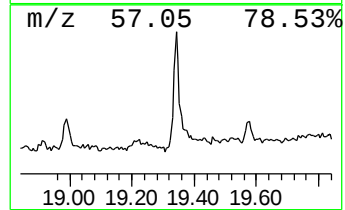
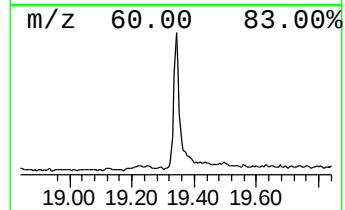
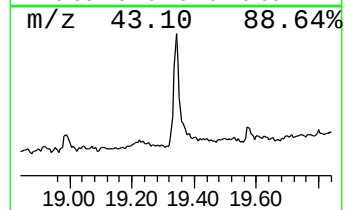
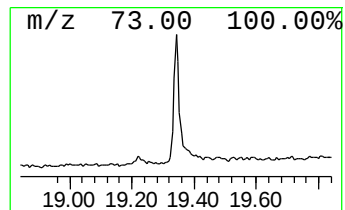
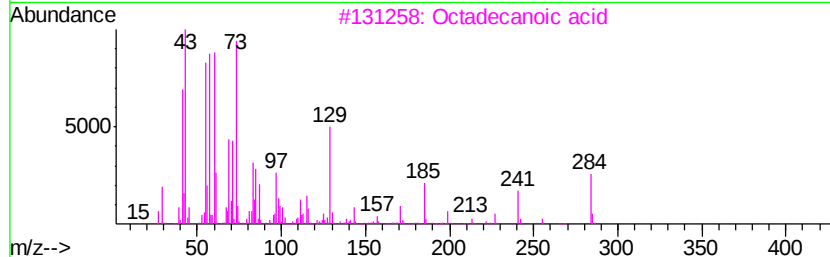
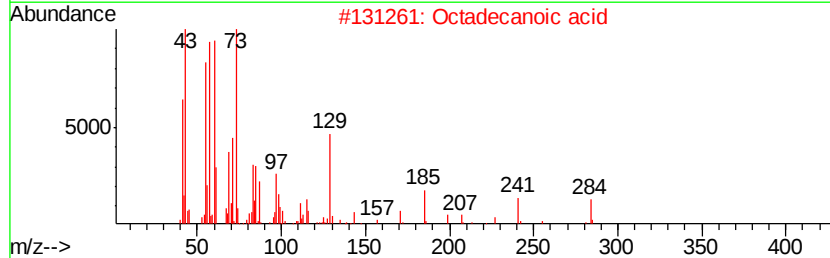
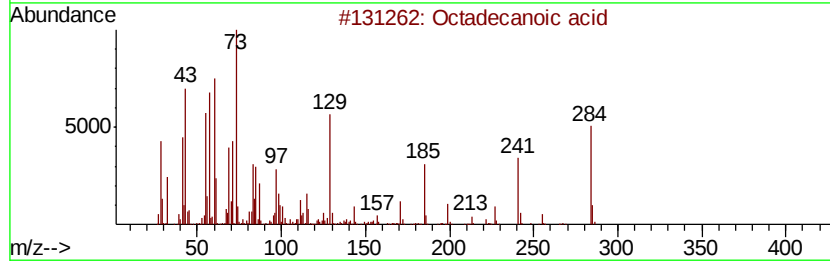
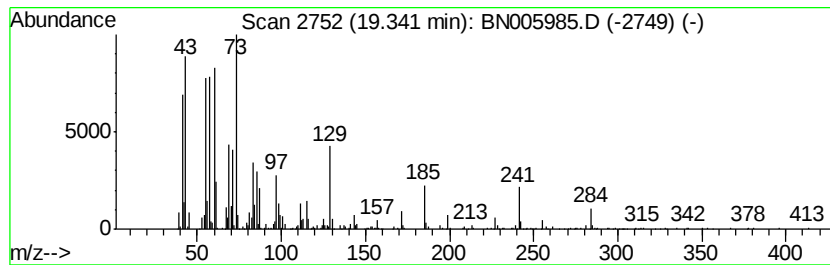
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	2.46 ng/ul	662852	Chrysene-d12	21.38

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	98
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	87



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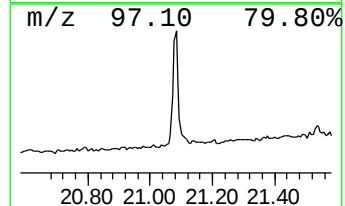
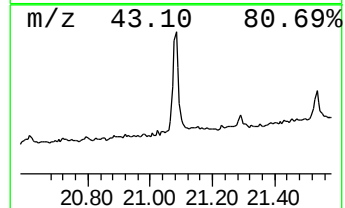
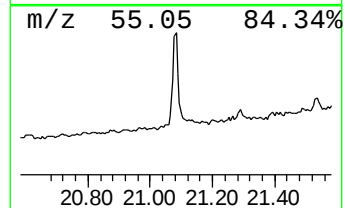
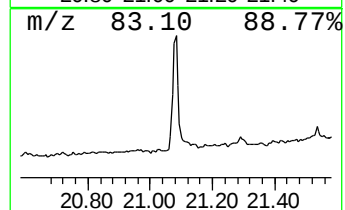
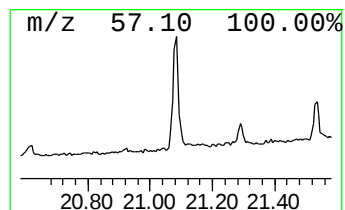
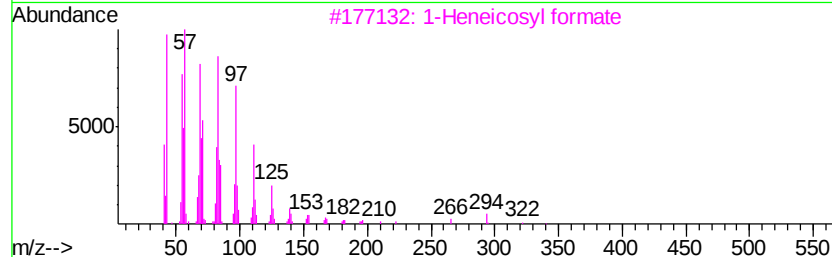
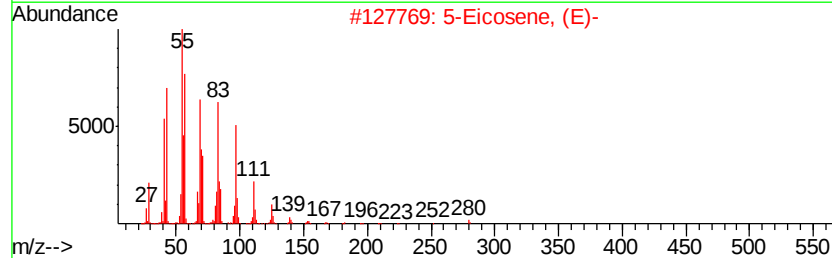
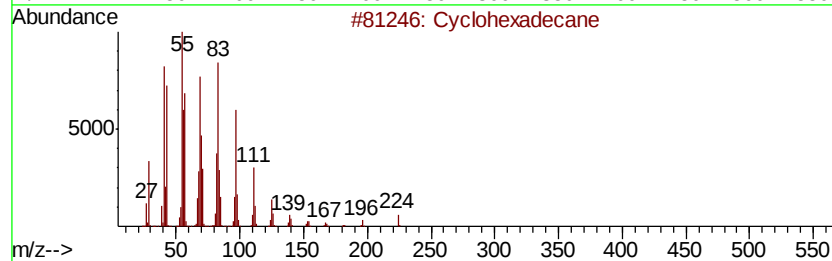
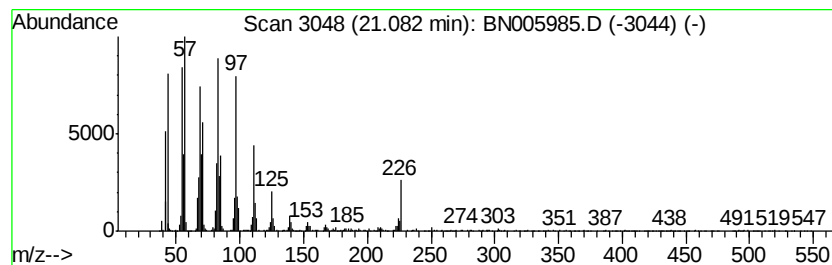
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Peak Number 3 (DEL) Alkane: Cyclic21.08 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	5.86 ng/ul	1581070	Chrysene-d12	21.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	98
2		5-Eicosene, (E)-	280	C20H40	074685-30-6	97
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
4		Cyclopentadecane	210	C15H30	000295-48-7	94
5		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN053119\
Data File : BN005985.D
Acq On : 31 May 2019 18:18
Operator : JU/SJ
Sample : K2923-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4257

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.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	18.05	11.1	ng/ul	2622940	4	17.15	4714850	20.0
Octadecanoic acid	19.34	2.5	ng/ul	662852	5	21.38	5394950	20.0
(DEL) Alkane: Cyc...	21.08	5.9	ng/ul	1581070	5	21.38	5394950	20.0