

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
 Data File : BN005976.D
 Acq On : 31 May 2019 11:34
 Operator : JU/SJ
 Sample : K2924-18
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4280

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	3.254	14	17	29	rVB	145870	201802	2.49%	0.188%
2	3.760	99	103	110	rVB	125110	154306	1.90%	0.143%
3	3.836	112	116	118	rVV4	17799	26317	0.32%	0.024%
4	3.883	119	124	136	rVV	137711	220332	2.71%	0.205%
5	3.977	136	140	147	rVB	27019	44266	0.55%	0.041%
6	4.072	153	156	163	rVB6	22933	34833	0.43%	0.032%
7	4.330	195	200	207	rBV6	21499	36786	0.45%	0.034%
8	4.472	220	224	227	rBV5	9519	14104	0.17%	0.013%
9	4.513	228	231	237	rVB3	24137	32946	0.41%	0.031%
10	4.860	285	290	300	rVB	117686	173090	2.13%	0.161%
11	4.954	302	306	312	rVB	37272	52804	0.65%	0.049%
12	5.824	445	454	459	rVB2	32036	60181	0.74%	0.056%
13	6.030	487	489	493	rVB4	7540	10404	0.13%	0.010%
14	6.130	501	506	511	rVB2	21192	37632	0.46%	0.035%
15	6.319	535	538	542	rBV6	10010	16270	0.20%	0.015%
16	6.383	546	549	555	rVB4	15166	22975	0.28%	0.021%
17	6.601	581	586	591	rBV4	19583	32493	0.40%	0.030%
18	6.718	602	606	612	rBV	18985	31935	0.39%	0.030%
19	6.901	630	637	650	rBV	2137316	3368179	41.49%	3.131%
20	7.066	659	665	679	rVB	1710057	2721629	33.53%	2.530%
21	7.266	691	699	706	rBV	2265938	3482780	42.91%	3.237%
22	7.330	706	710	716	rBV	30787	50503	0.62%	0.047%
23	7.424	723	726	730	rVB5	8707	9979	0.12%	0.009%
24	7.542	742	746	751	rVB5	5766	10335	0.13%	0.010%
25	7.730	770	778	785	rBV	1841175	2865884	35.31%	2.664%
26	7.795	785	789	797	rVB2	50101	76867	0.95%	0.071%
27	8.436	890	898	908	rBV	2452066	3862860	47.59%	3.591%
28	8.554	913	918	923	rVB	32337	49689	0.61%	0.046%
29	8.830	961	965	968	rBV6	6336	10159	0.13%	0.009%
30	8.889	968	975	984	rVV	1965129	3193178	39.34%	2.968%
31	9.001	990	994	996	rBV5	10919	15885	0.20%	0.015%
32	9.048	998	1002	1007	rVB8	21518	38206	0.47%	0.036%
33	9.312	1041	1047	1052	rBV	91547	132990	1.64%	0.124%
34	9.607	1089	1097	1112	rBV	1604621	2630874	32.41%	2.445%

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35	9.742	1116	1120	1124	rBV6	11909	17876	0.22%	0.017%
36	9.836	1132	1136	1140	rBV6	7794	12176	0.15%	0.011%
37	10.142	1181	1188	1198	rBV	2477758	4012291	49.43%	3.729%
38	10.301	1211	1215	1221	rBV8	8883	17672	0.22%	0.016%
39	10.524	1245	1253	1260	rBV	2336124	3782493	46.60%	3.516%
40	10.659	1267	1276	1287	rBV	1195330	2105685	25.94%	1.957%
41	11.054	1339	1343	1349	rVB8	11453	19464	0.24%	0.018%
42	11.183	1363	1365	1371	rVB7	6519	10529	0.13%	0.010%
43	11.265	1373	1379	1382	rVB7	6426	9296	0.11%	0.009%
44	11.312	1382	1387	1392	rBV7	10232	19522	0.24%	0.018%
45	11.565	1425	1430	1436	rBV8	7691	14163	0.17%	0.013%
46	11.953	1492	1496	1500	rVB5	13819	19735	0.24%	0.018%
47	12.024	1500	1508	1511	rBV	24570	39136	0.48%	0.036%
48	12.118	1517	1524	1530	rBV2	43272	77497	0.95%	0.072%
49	12.736	1626	1629	1634	rBV6	6337	10718	0.13%	0.010%
50	12.989	1667	1672	1676	rBV5	10320	14891	0.18%	0.014%
51	13.118	1690	1694	1697	rBV6	13494	16553	0.20%	0.015%
52	13.165	1697	1702	1707	rVV7	21378	38926	0.48%	0.036%
53	13.212	1707	1710	1715	rVV5	18083	26608	0.33%	0.025%
54	13.283	1717	1722	1727	rVV7	11041	17197	0.21%	0.016%
55	13.353	1730	1734	1738	rVB6	10552	14537	0.18%	0.014%
56	13.565	1762	1770	1772	rBV7	11108	22467	0.28%	0.021%
57	13.624	1777	1780	1783	rBV5	8134	11005	0.14%	0.010%
58	13.712	1790	1795	1797	rVB5	6186	9166	0.11%	0.009%
59	13.800	1803	1810	1814	rBV	3671154	5024942	61.91%	4.671%
60	13.848	1814	1818	1825	rVB	1256404	1682705	20.73%	1.564%
61	13.953	1834	1836	1842	rVB4	10807	13981	0.17%	0.013%
62	14.083	1851	1858	1870	rVB	4060591	6211244	76.52%	5.773%
63	14.218	1876	1881	1882	rBV5	9527	11261	0.14%	0.010%
64	14.295	1889	1894	1898	rVB3	22330	26612	0.33%	0.025%
65	14.389	1900	1910	1918	rBV2	2819745	4237817	52.21%	3.939%
66	14.536	1929	1935	1938	rBV3	17383	30760	0.38%	0.029%
67	14.589	1938	1944	1949	rVV	1507383	2131796	26.26%	1.982%
68	14.642	1949	1953	1962	rVV	173302	322229	3.97%	0.300%
69	14.742	1965	1970	1976	rVV	113543	172336	2.12%	0.160%
70	14.812	1976	1982	1987	rVV4	57984	93418	1.15%	0.087%
71	14.989	2009	2012	2015	rBV5	8853	12843	0.16%	0.012%

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72	15.053	2019	2023	2027	rVB6	29661	45113	0.56%	0.042%
73	15.159	2039	2041	2044	rBV3	10643	15193	0.19%	0.014%
74	15.195	2044	2047	2053	rVV2	44553	67835	0.84%	0.063%
75	15.253	2053	2057	2062	rVB2	31145	36056	0.44%	0.034%
76	15.389	2071	2080	2087	rBV	5054132	7223821	88.99%	6.715%
77	15.506	2095	2100	2114	rBV	624410	915177	11.27%	0.851%
78	15.630	2115	2121	2126	rBV	69654	116783	1.44%	0.109%
79	16.071	2192	2196	2200	rBV6	16171	26984	0.33%	0.025%
80	16.112	2200	2203	2210	rVV5	29954	52785	0.65%	0.049%
81	16.177	2210	2214	2219	rVB6	34096	49114	0.61%	0.046%
82	16.547	2274	2277	2283	rVB7	24577	35480	0.44%	0.033%
83	16.800	2317	2320	2321	rBV2	15221	15745	0.19%	0.015%
84	16.912	2337	2339	2344	rVB4	16542	21131	0.26%	0.020%
85	17.047	2359	2362	2366	rBV6	18722	26570	0.33%	0.025%
86	17.141	2372	2378	2383	rBV2	3197847	4560329	56.18%	4.239%
87	17.189	2383	2386	2389	rVV	135404	175420	2.16%	0.163%
88	17.241	2389	2395	2406	rVB	5114460	7193468	88.62%	6.686%
89	18.047	2528	2532	2544	rBV	1236887	1674616	20.63%	1.557%
90	19.212	2727	2730	2737	rVB	358968	463621	5.71%	0.431%
91	19.335	2748	2751	2762	rBV3	345916	717056	8.83%	0.667%
92	19.553	2782	2788	2796	rBV	5664475	8117111	100.00%	7.545%
93	20.494	2945	2948	2953	rVB	380973	444814	5.48%	0.413%
94	21.077	3043	3047	3054	rBV	1986894	2453477	30.23%	2.281%
95	21.365	3091	3096	3101	rBV	3600951	4732569	58.30%	4.399%
96	21.529	3121	3124	3128	rBV	451904	518400	6.39%	0.482%
97	21.976	3197	3200	3205	rBV3	582240	838259	10.33%	0.779%
98	22.971	3366	3369	3374	rVB	1059881	1363584	16.80%	1.267%
99	23.512	3456	3461	3466	rBV2	3679046	7066796	87.06%	6.569%
100	23.659	3482	3486	3492	rVB2	2525893	4582090	56.45%	4.259%

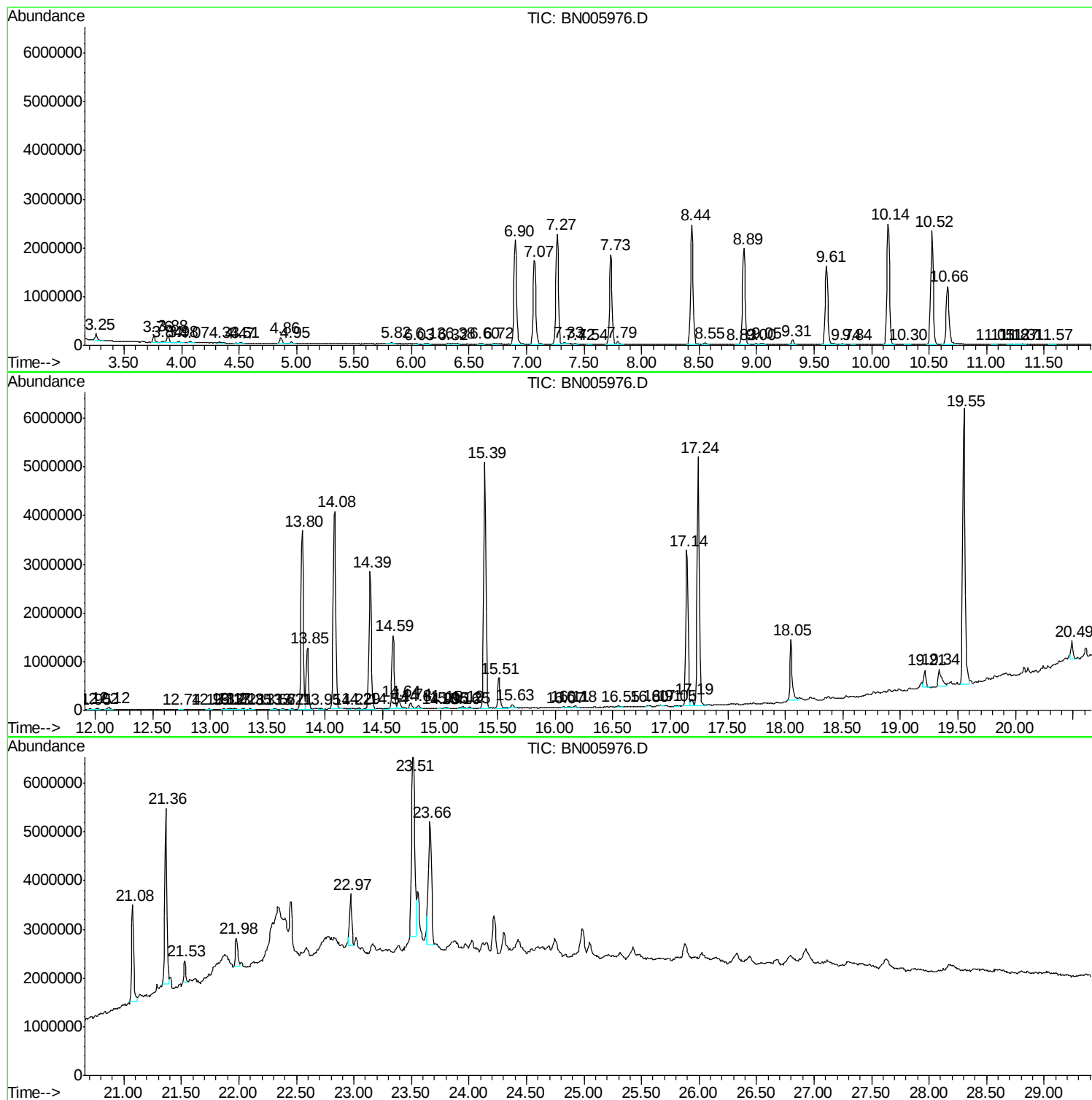
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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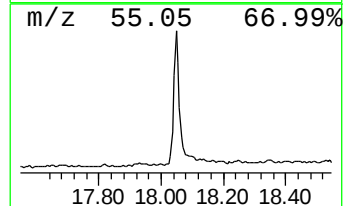
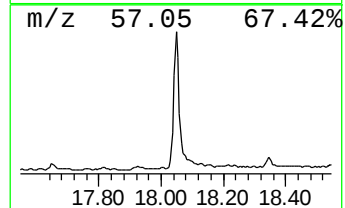
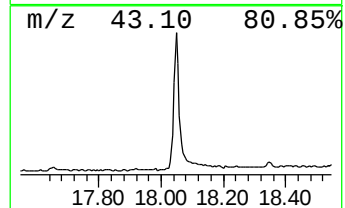
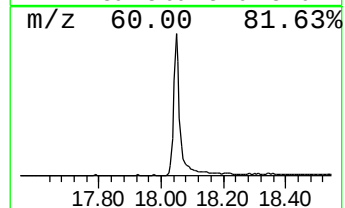
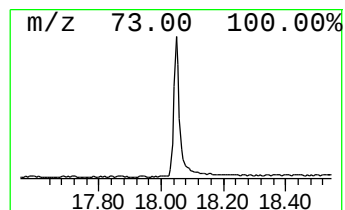
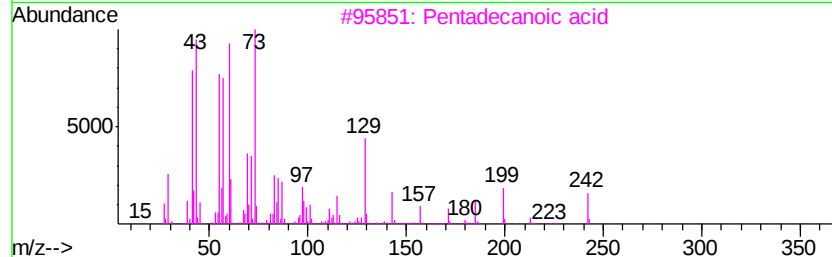
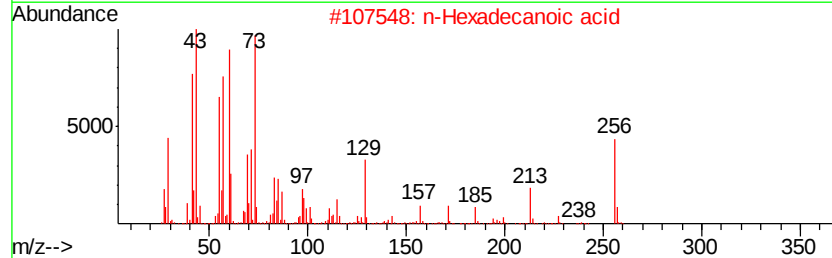
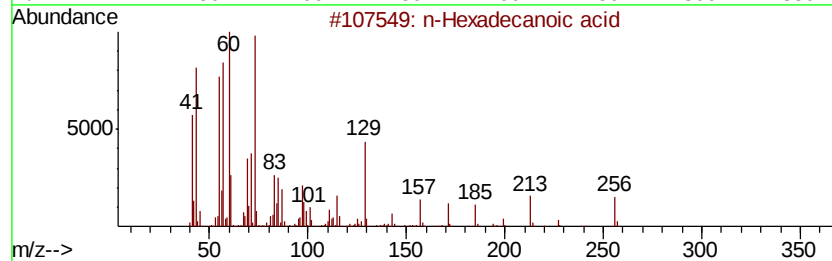
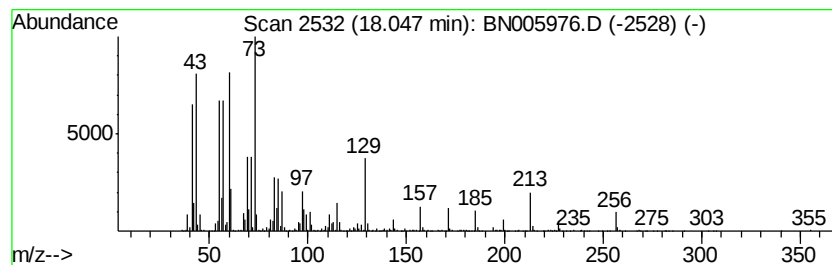
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	7.34 ng/ul	1674620	Phenanthrene-d10	17.14

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	Pentadecanoic acid	242	C15H30O2	001002-84-2	91	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91	
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87	



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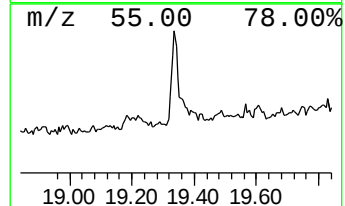
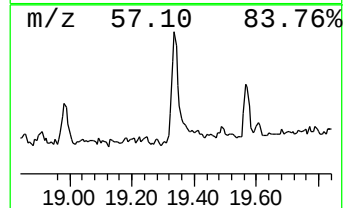
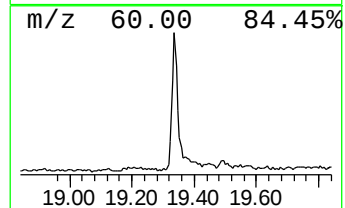
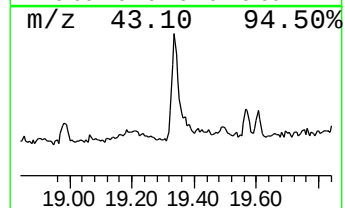
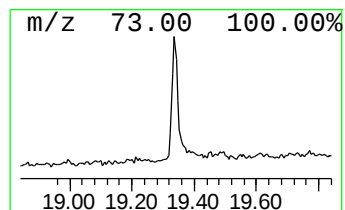
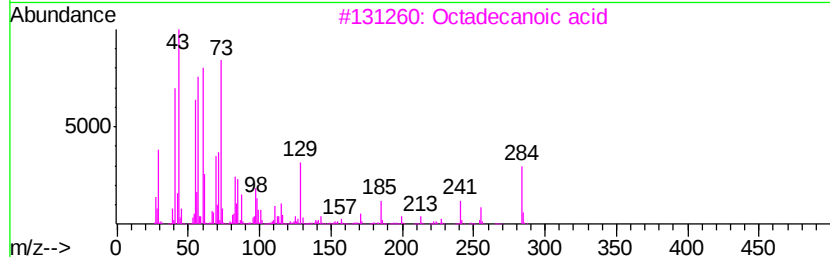
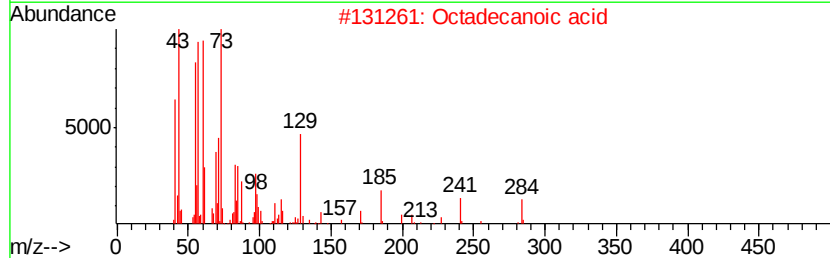
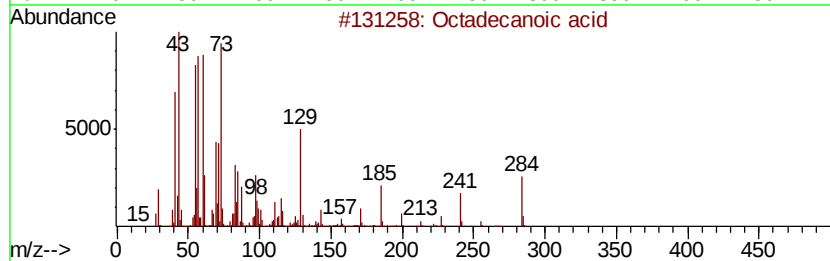
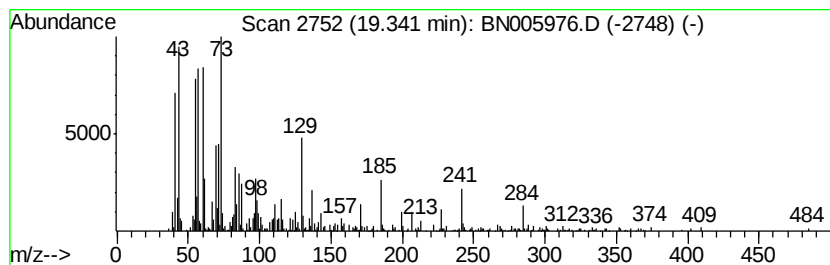
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	3.03 ng/ul	717056	Chrysene-d12	21.36

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	96
3		Octadecanoic acid	284	C18H36O2	000057-11-4	95
4		Octadecanoic acid	284	C18H36O2	000057-11-4	95
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	91



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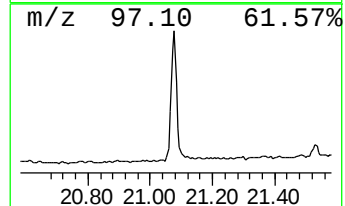
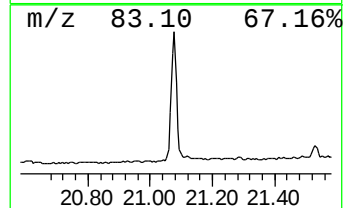
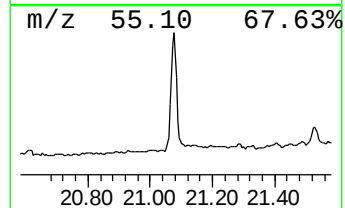
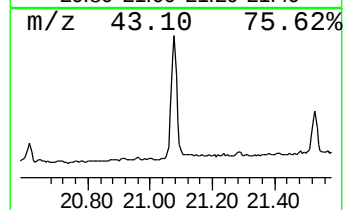
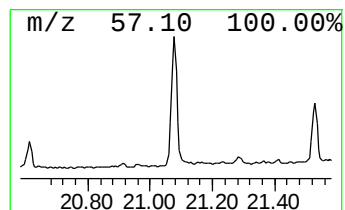
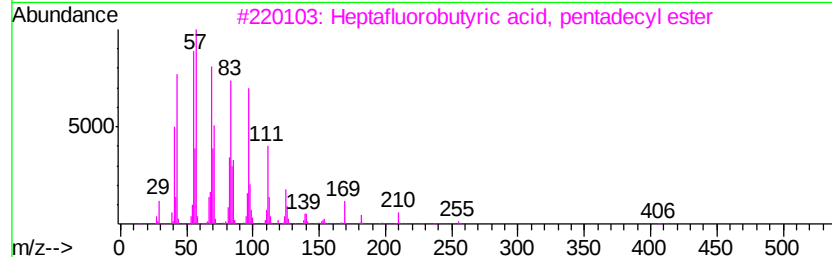
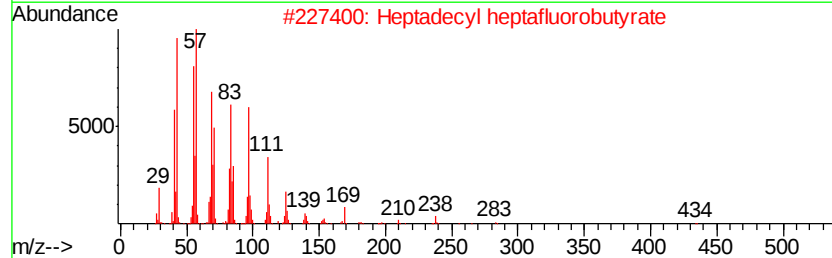
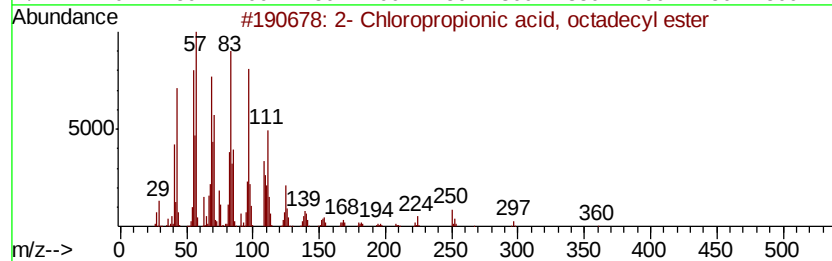
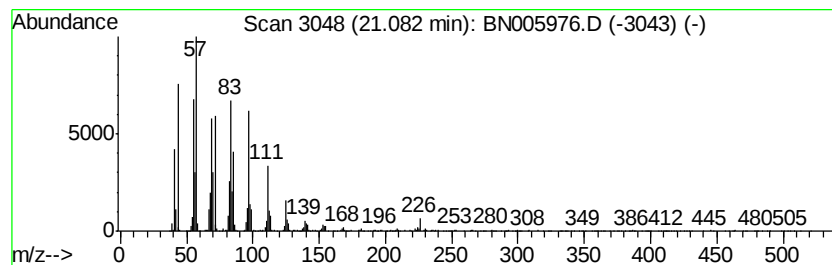
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Peak Number 3 2- Chloropropionic acid, oc... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	10.37 ng/ul	2453480	Chrysene-d12	21.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-	Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	96
2	Heptadecyl	heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Heptafluorobutyr	ic acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	Heptadecyl	heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	Dichloroacetic acid,	heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
Data File : BN005976.D
Acq On : 31 May 2019 11:34
Operator : JU/SJ
Sample : K2924-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4280

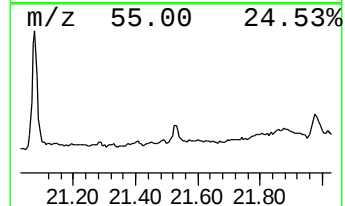
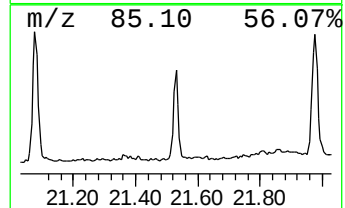
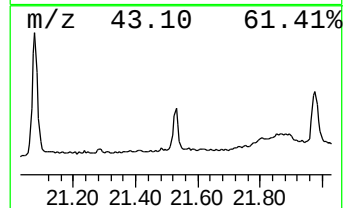
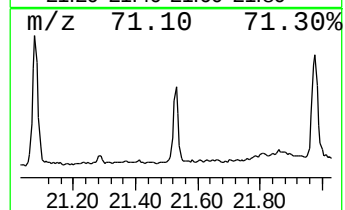
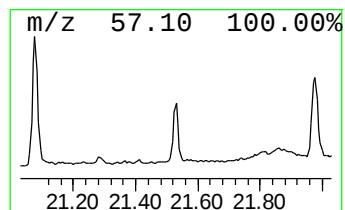
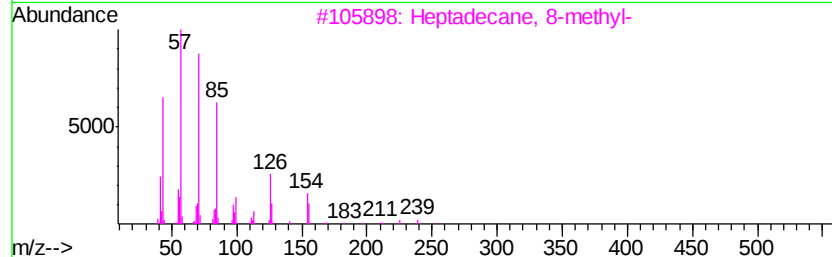
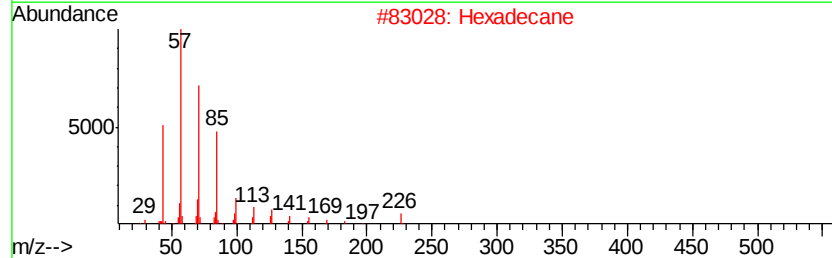
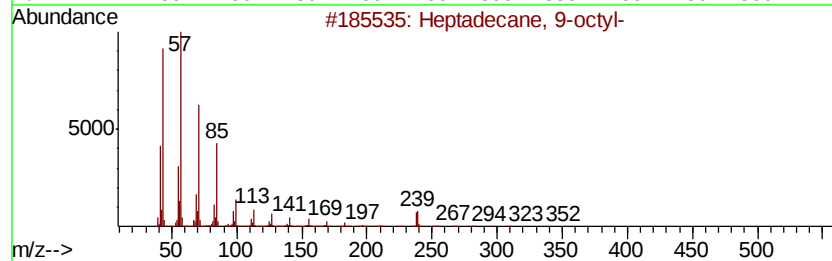
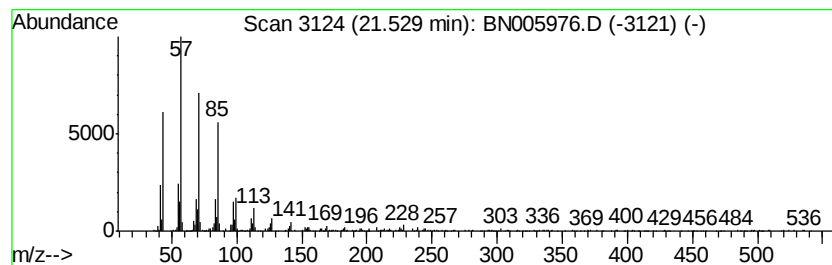
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	2.19 ng/ul	518400	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2		Hexadecane	226	C16H34	000544-76-3	90
3		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	81
4		Tetracosane	338	C24H50	000646-31-1	81
5		Tridecane, 2-methyl-	198	C14H30	001560-96-9	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
Data File : BN005976.D
Acq On : 31 May 2019 11:34
Operator : JU/SJ
Sample : K2924-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4280

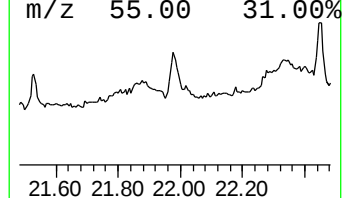
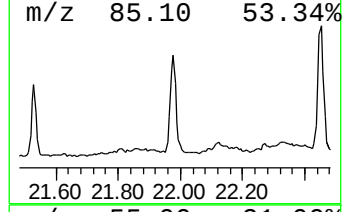
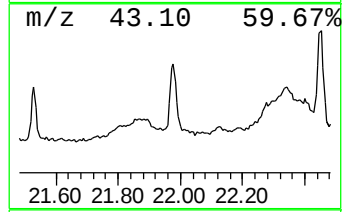
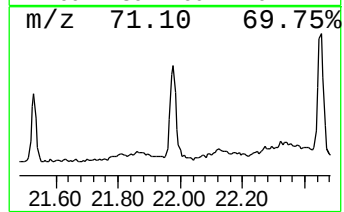
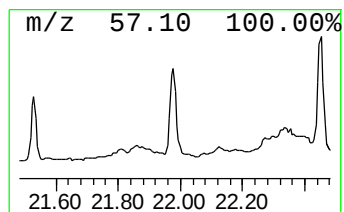
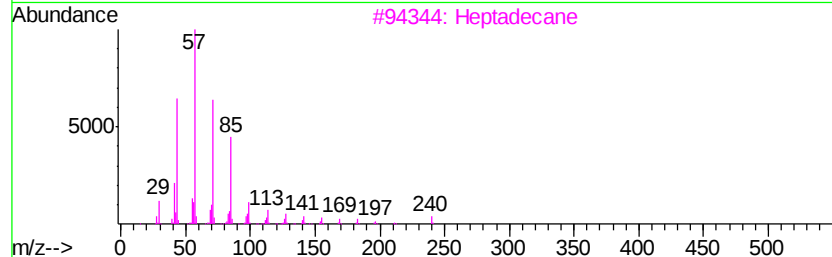
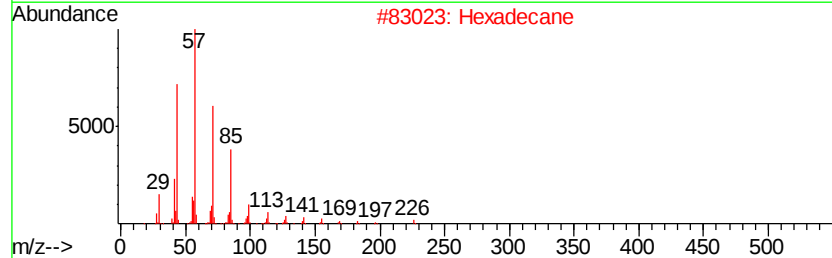
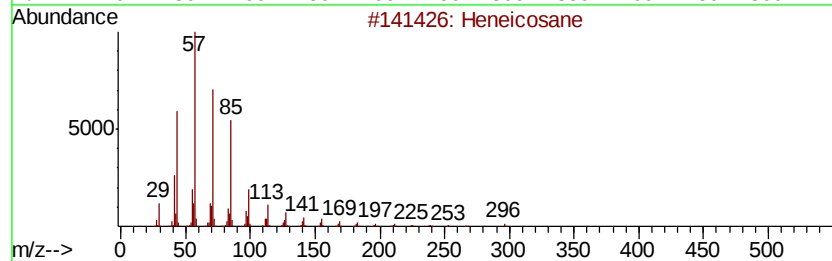
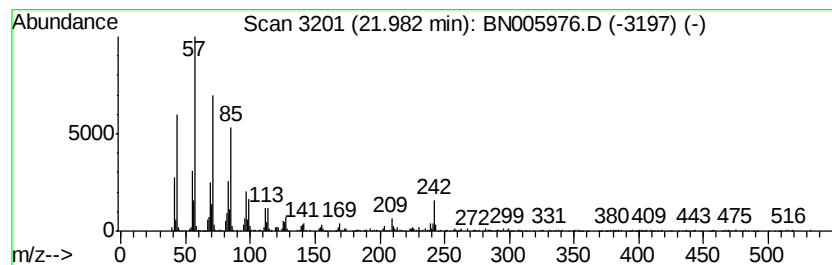
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.98	3.54 ng/ul	838259	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Hexadecane	226	C16H34	000544-76-3	94
3		Heptadecane	240	C17H36	000629-78-7	94
4		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	93
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN053119\
Data File : BN005976.D
Acq On : 31 May 2019 11:34
Operator : JU/SJ
Sample : K2924-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4280

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	7.3	ng/ul	1674620	4	17.14	4560330	20.0
Octadecanoic acid	19.34	3.0	ng/ul	717056	5	21.36	4732570	20.0
2- Chloropropioni...	21.08	10.4	ng/ul	2453480	5	21.36	4732570	20.0
(DEL) Alkane: Str...	21.53	2.2	ng/ul	518400	5	21.36	4732570	20.0
(DEL) Alkane: Str...	21.98	3.5	ng/ul	838259	5	21.36	4732570	20.0