

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
 Data File : BN005987.D
 Acq On : 31 May 2019 19:28
 Operator : JU/SJ
 Sample : K2923-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4259

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	15	19	26	rVB	121425	177806	2.33%	0.185%
2	3.530	61	64	69	rVB	22885	30417	0.40%	0.032%
3	3.672	86	88	95	rVB5	16889	24346	0.32%	0.025%
4	3.766	101	104	112	rVB	104810	140644	1.84%	0.146%
5	3.889	120	125	132	rVB	106269	162056	2.12%	0.169%
6	3.983	137	141	145	rVB	32703	50933	0.67%	0.053%
7	4.077	153	157	164	rBV8	18331	36521	0.48%	0.038%
8	4.336	198	201	205	rVB5	18770	24092	0.32%	0.025%
9	4.524	230	233	236	rVB4	20393	24036	0.32%	0.025%
10	4.871	287	292	299	rVB	107463	157917	2.07%	0.164%
11	4.966	302	308	315	rBV	34800	63933	0.84%	0.067%
12	5.218	346	351	357	rBV9	15584	37388	0.49%	0.039%
13	5.813	448	452	453	rVV3	19267	24902	0.33%	0.026%
14	5.830	453	455	462	rVB	36071	47412	0.62%	0.049%
15	6.142	504	508	515	rVB2	20001	34705	0.46%	0.036%
16	6.389	548	550	557	rVB5	13897	21566	0.28%	0.022%
17	6.618	582	589	594	rBV9	22382	39089	0.51%	0.041%
18	6.754	606	612	615	rBV3	19109	31687	0.42%	0.033%
19	6.918	629	640	650	rBV	1826171	2973164	38.98%	3.097%
20	7.077	660	667	680	rVB	1469281	2288696	30.01%	2.384%
21	7.277	693	701	709	rBV	1977552	3037239	39.83%	3.164%
22	7.436	724	728	732	rVB6	13971	19998	0.26%	0.021%
23	7.742	768	780	787	rBV	1810758	2802134	36.74%	2.919%
24	7.801	787	790	798	rVB	43867	67747	0.89%	0.071%
25	8.454	892	901	908	rBV	1882233	3117529	40.88%	3.247%
26	8.507	908	910	916	rVV5	18714	32849	0.43%	0.034%
27	8.565	916	920	926	rVV2	19523	30819	0.40%	0.032%
28	8.901	969	977	985	rVV	1670159	2719677	35.66%	2.833%
29	9.018	992	997	1001	rVV5	14800	29465	0.39%	0.031%
30	9.059	1001	1004	1009	rVB3	29577	41614	0.55%	0.043%
31	9.312	1040	1047	1056	rBV	77656	125616	1.65%	0.131%
32	9.618	1091	1099	1108	rBV	1366803	2255556	29.58%	2.349%
33	9.848	1135	1138	1145	rVB7	16127	27290	0.36%	0.028%
34	10.159	1184	1191	1198	rBV	2140895	3484086	45.68%	3.629%

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35	10.312	1212	1217	1227	rBV7	22500	40843	0.54%	0.043%
36	10.536	1245	1255	1262	rBV	2182556	3625185	47.53%	3.776%
37	10.589	1262	1264	1268	rVV	19697	22982	0.30%	0.024%
38	10.671	1272	1278	1291	rVB	408246	784361	10.28%	0.817%
39	11.283	1376	1382	1384	rBV7	12347	20452	0.27%	0.021%
40	11.330	1386	1390	1396	rVB5	18357	32614	0.43%	0.034%
41	11.459	1405	1412	1420	rBV5	7068	21387	0.28%	0.022%
42	11.589	1427	1434	1440	rVB6	18211	48027	0.63%	0.050%
43	11.965	1494	1498	1501	rBV5	15633	22597	0.30%	0.024%
44	12.036	1506	1510	1515	rVV4	10877	19756	0.26%	0.021%
45	12.100	1517	1521	1522	rVV4	15848	19560	0.26%	0.020%
46	12.130	1522	1526	1531	rVB2	40590	65214	0.86%	0.068%
47	12.206	1535	1539	1544	rVB4	12644	19696	0.26%	0.021%
48	12.324	1556	1559	1566	rBV6	10607	20337	0.27%	0.021%
49	12.430	1573	1577	1582	rVB6	9450	18351	0.24%	0.019%
50	12.665	1612	1617	1621	rBV8	12940	21918	0.29%	0.023%
51	12.736	1621	1629	1637	rVV8	8759	26475	0.35%	0.028%
52	13.124	1688	1695	1699	rBV5	19002	41641	0.55%	0.043%
53	13.224	1706	1712	1717	rBV5	21008	34926	0.46%	0.036%
54	13.289	1719	1723	1731	rVB8	16088	39508	0.52%	0.041%
55	13.359	1731	1735	1739	rBV5	21567	29642	0.39%	0.031%
56	13.442	1747	1749	1755	rVB6	16306	24283	0.32%	0.025%
57	13.571	1763	1771	1776	rBV6	14710	28052	0.37%	0.029%
58	13.712	1790	1795	1800	rBV3	25541	43229	0.57%	0.045%
59	13.806	1800	1811	1816	rBV	3058930	4336049	56.86%	4.516%
60	13.853	1816	1819	1827	rVB	1383259	1785954	23.42%	1.860%
61	13.936	1827	1833	1834	rBV5	12373	19637	0.26%	0.020%
62	14.047	1848	1852	1853	rBV3	22218	27167	0.36%	0.028%
63	14.094	1853	1860	1871	rVB	3529393	5417906	71.04%	5.643%
64	14.224	1879	1882	1886	rBV5	13720	22769	0.30%	0.024%
65	14.306	1891	1896	1903	rBV4	28687	59471	0.78%	0.062%
66	14.400	1904	1912	1919	rVV2	2626071	4039063	52.96%	4.207%
67	14.465	1920	1923	1927	rVB2	27043	37187	0.49%	0.039%
68	14.612	1942	1948	1958	rBV	1123935	1656756	21.72%	1.726%
69	14.759	1968	1973	1978	rBV	181902	255176	3.35%	0.266%
70	14.818	1978	1983	1989	rVB6	48288	83586	1.10%	0.087%
71	14.994	2010	2013	2015	rBV4	14392	18942	0.25%	0.020%

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72	15.065	2023	2025	2031	rVB5	25070	32766	0.43%	0.034%
73	15.183	2040	2045	2046	rBV2	18642	25505	0.33%	0.027%
74	15.259	2055	2058	2063	rVB2	27283	36463	0.48%	0.038%
75	15.400	2075	2082	2088	rBV	4355883	6198396	81.28%	6.456%
76	15.453	2088	2091	2095	rVB4	22571	31012	0.41%	0.032%
77	15.530	2099	2104	2115	rBV	657720	911421	11.95%	0.949%
78	15.636	2118	2122	2128	rVV	54589	84268	1.10%	0.088%
79	16.130	2202	2206	2212	rVV7	36657	70614	0.93%	0.074%
80	16.183	2212	2215	2219	rVB5	28901	40221	0.53%	0.042%
81	16.265	2226	2229	2231	rBV3	26756	33785	0.44%	0.035%
82	16.559	2275	2279	2285	rBV4	63880	93715	1.23%	0.098%
83	16.812	2319	2322	2330	rVB2	51418	74570	0.98%	0.078%
84	16.912	2337	2339	2341	rBV2	30628	27170	0.36%	0.028%
85	17.053	2359	2363	2371	rBV	248375	425822	5.58%	0.444%
86	17.118	2371	2374	2375	rVV	138224	144412	1.89%	0.150%
87	17.153	2375	2380	2385	rVV2	2937218	4494700	58.94%	4.682%
88	17.200	2385	2388	2392	rVV	485059	640151	8.39%	0.667%
89	17.253	2392	2397	2407	rVB2	4288343	6354223	83.32%	6.619%
90	17.935	2510	2513	2520	rVB	254161	368639	4.83%	0.384%
91	17.994	2521	2523	2527	rBV3	85687	101256	1.33%	0.105%
92	18.059	2529	2534	2542	rBV	1937556	2650645	34.76%	2.761%
93	18.353	2582	2584	2588	rBV3	111292	142029	1.86%	0.148%
94	19.224	2728	2732	2740	rVB	1057994	1499603	19.66%	1.562%
95	19.347	2749	2753	2759	rBV2	429596	721948	9.47%	0.752%
96	19.565	2785	2790	2794	rBV	5031331	7246606	95.02%	7.548%
97	21.076	3044	3047	3054	rBV2	1641814	2345449	30.75%	2.443%
98	21.376	3093	3098	3102	rBV	3014913	4273419	56.03%	4.451%
99	22.453	3278	3281	3287	rVB	1803829	2297143	30.12%	2.393%
100	23.535	3461	3465	3478	rVB3	3084266	7626448	100.00%	7.944%

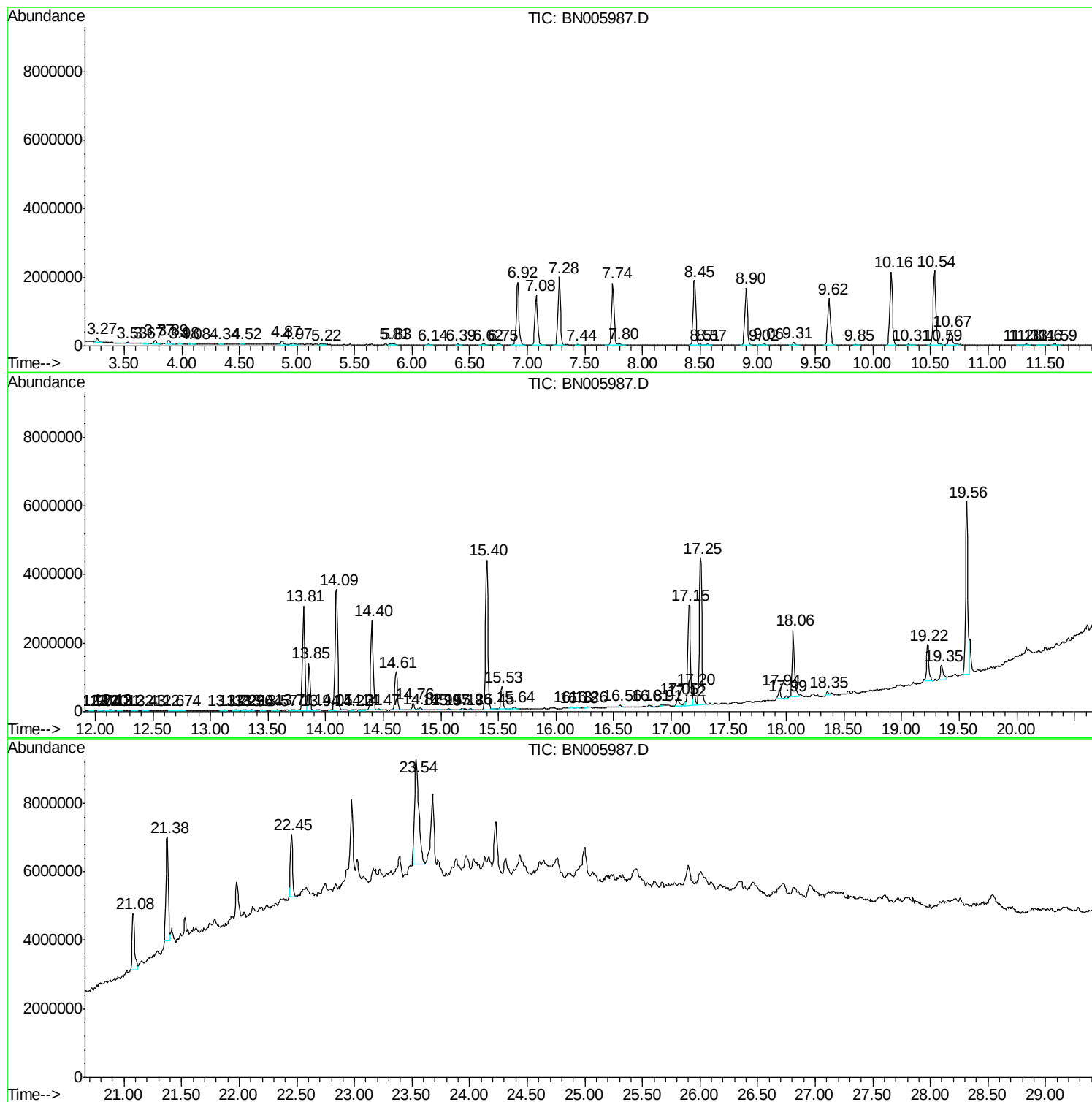
Sum of corrected areas: 96006027

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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



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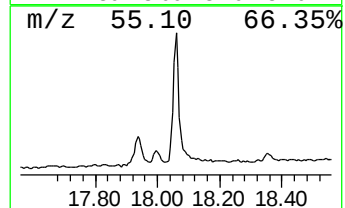
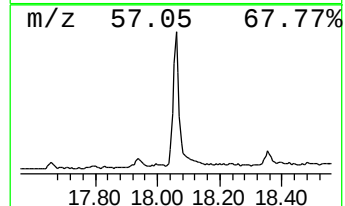
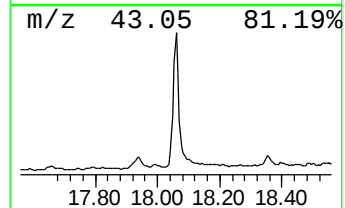
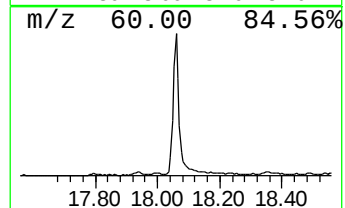
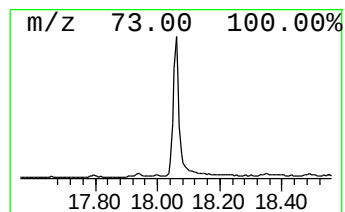
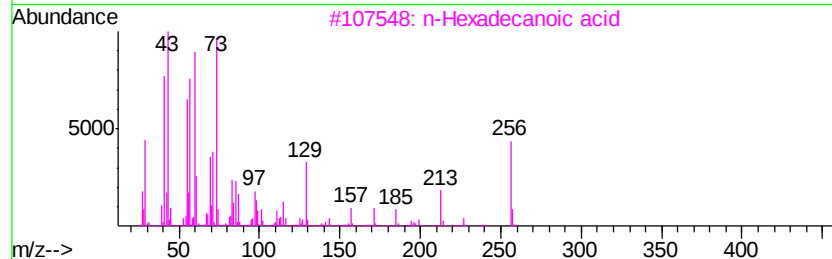
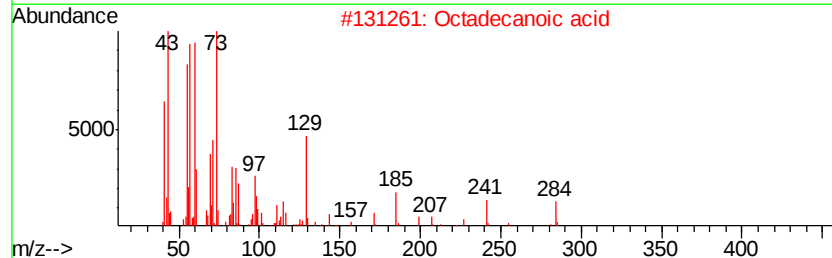
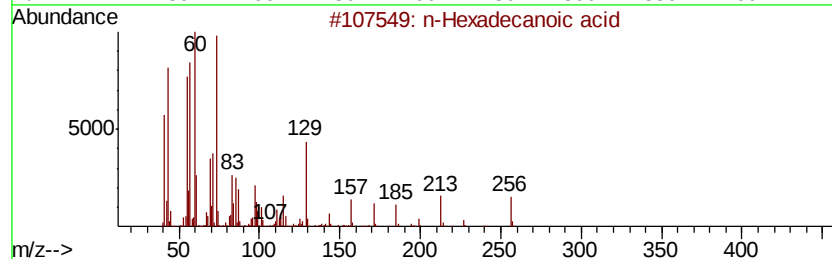
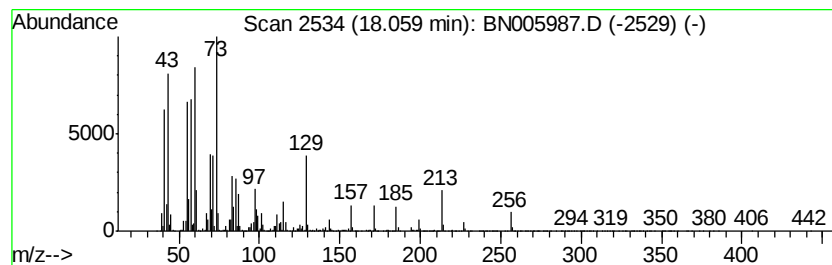
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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.
18.06	11.79 ng/ul	2650650	Phenanthrene-d10	17.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	98
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4		Tridecanoic acid	214	C13H26O2	000638-53-9	95
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	93



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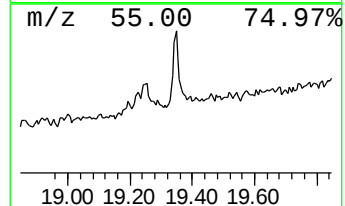
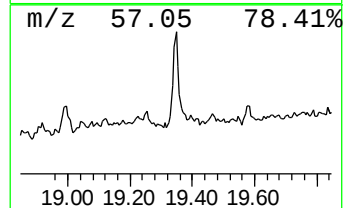
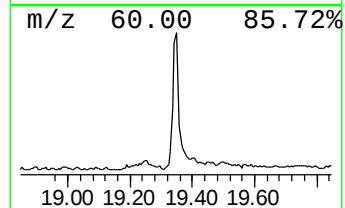
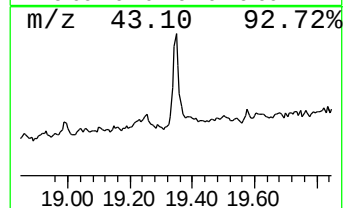
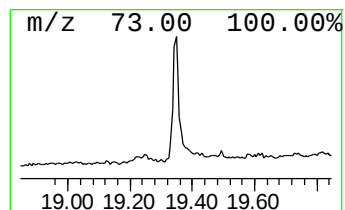
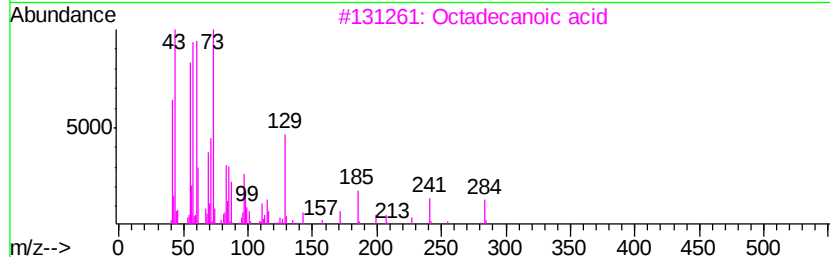
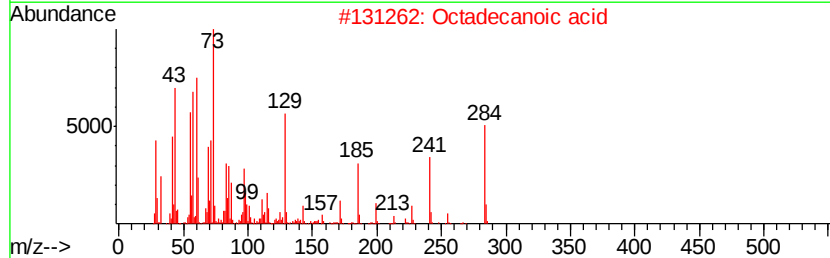
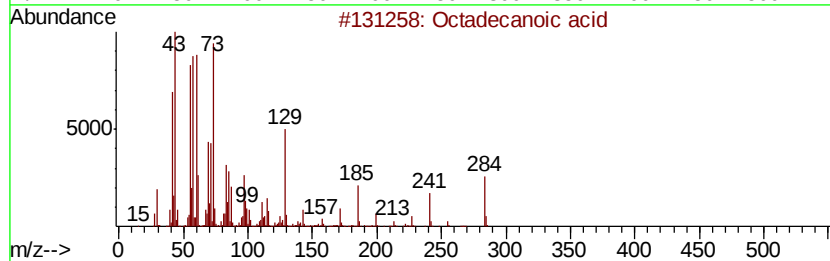
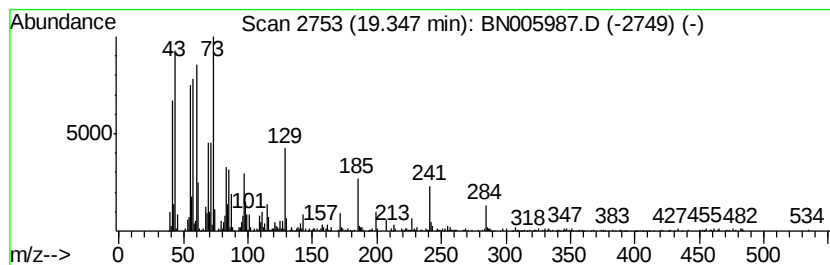
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	3.38 ng/ul	721948	Chrysene-d12	21.38

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	98
3		Octadecanoic acid	284	C18H36O2	000057-11-4	95
4		Octadecanoic acid	284	C18H36O2	000057-11-4	94
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	89



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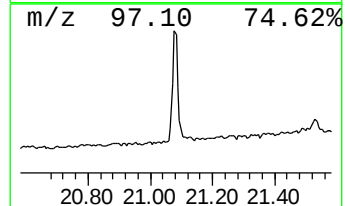
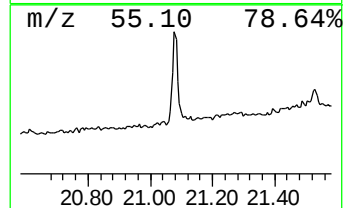
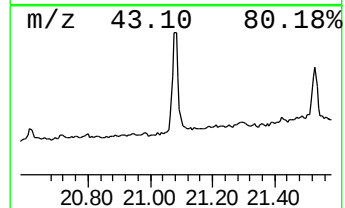
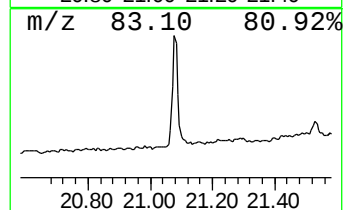
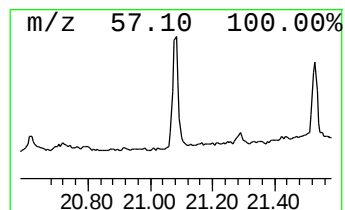
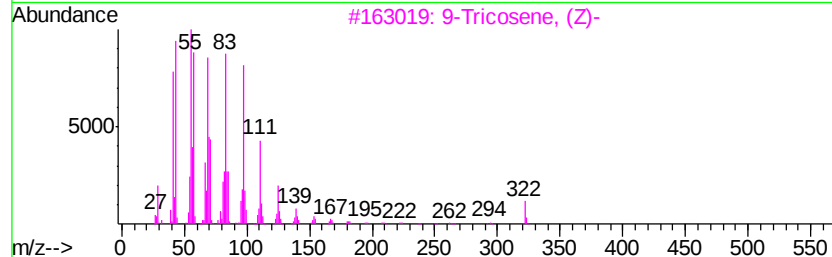
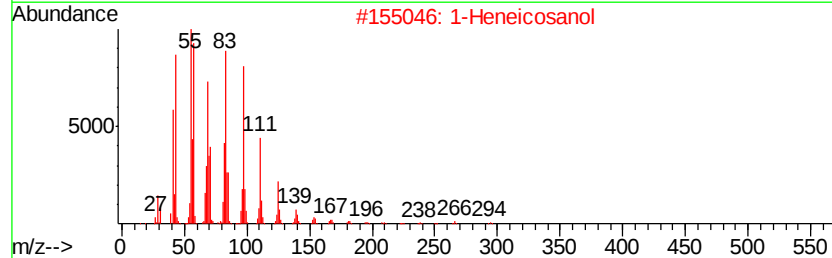
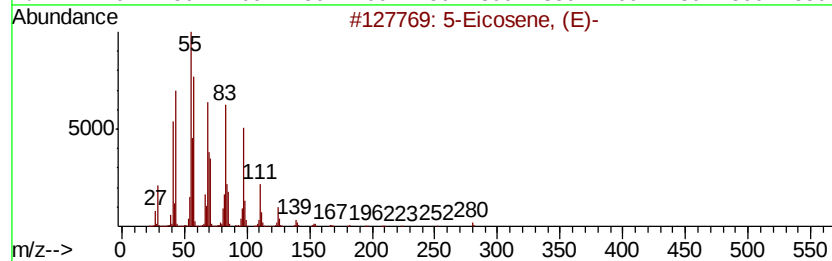
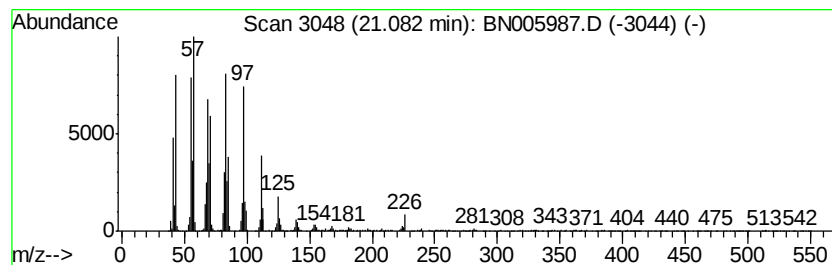
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Peak Number 3 (DEL) Alkane: Cyclic21.08 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	10.98 ng/ul	2345450	Chrysene-d12	21.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2		1-Heneicosanol	312	C21H44O	015594-90-8	95
3		9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
4		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5		1-Heneicosyl formate	340	C22H44O2	077899-03-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
Data File : BN005987.D
Acq On : 31 May 2019 19:28
Operator : JU/SJ
Sample : K2923-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4259

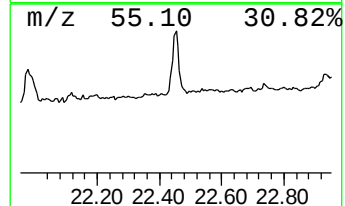
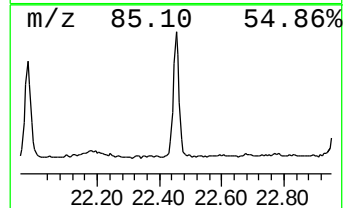
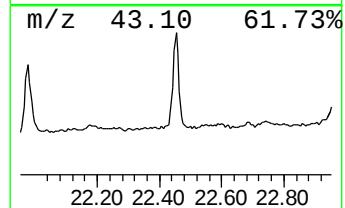
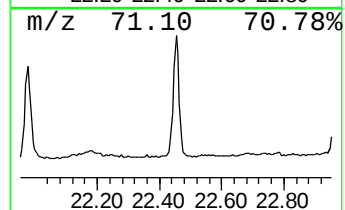
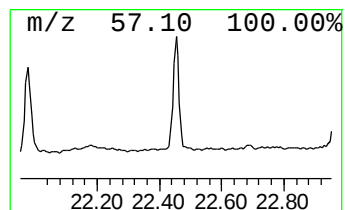
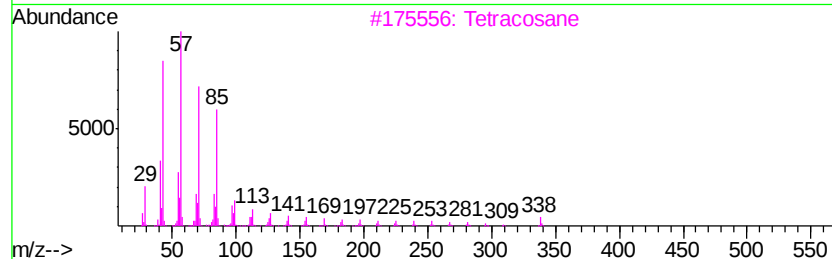
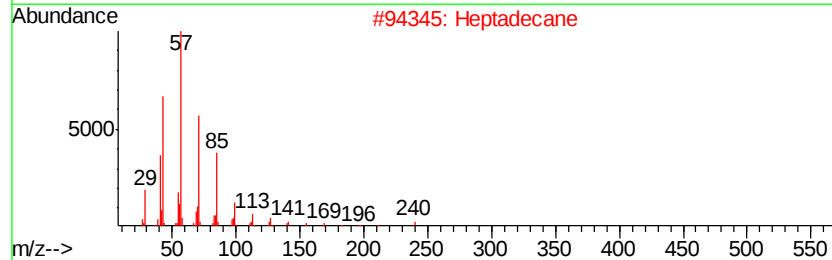
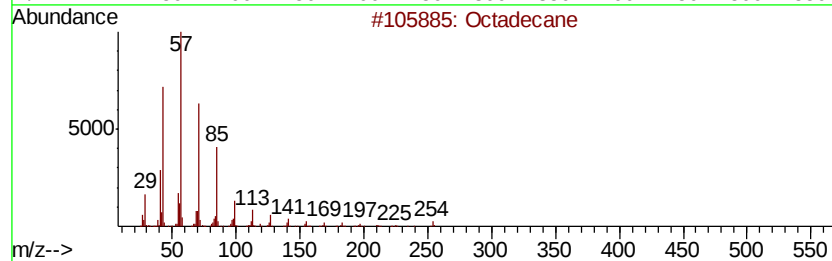
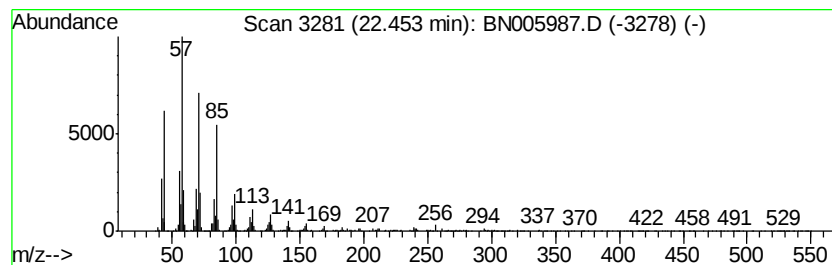
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	10.75 ng/ul	2297140	Chrysene-d12	21.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	97
2		Heptadecane	240	C17H36	000629-78-7	95
3		Tetracosane	338	C24H50	000646-31-1	95
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	78
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN053119\
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Sample : K2923-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4259

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	18.06	11.8	ng/ul	2650650	4	17.15	4494700	20.0
Octadecanoic acid	19.35	3.4	ng/ul	721948	5	21.38	4273420	20.0
(DEL) Alkane: Cyc...	21.08	11.0	ng/ul	2345450	5	21.38	4273420	20.0
(DEL) Alkane: Str...	22.45	10.8	ng/ul	2297140	5	21.38	4273420	20.0