

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
 Data File : BN005262.D
 Acq On : 24 Apr 2019 22:12
 Operator : JU/SJ
 Sample : K2456-18
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHN8

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	3.217	35	39	45	rBV	91287	125143	1.13%	0.100%
2	3.470	78	82	92	rBV	36365	63488	0.57%	0.051%
3	3.911	153	157	162	rVB	19803	26502	0.24%	0.021%
4	3.999	169	172	176	rVB2	18071	23255	0.21%	0.019%
5	4.787	301	306	311	rVB3	9555	13655	0.12%	0.011%
6	5.723	461	465	472	rVB2	12883	26122	0.24%	0.021%
7	6.775	637	644	654	rBV	1974831	3067482	27.71%	2.453%
8	6.946	663	673	682	rBV	1429221	2225801	20.11%	1.780%
9	7.134	697	705	712	rBV	1917206	2947953	26.63%	2.358%
10	7.593	776	783	791	rBV	1570701	2491211	22.51%	1.992%
11	7.669	791	796	804	rVB	55280	88225	0.80%	0.071%
12	8.293	895	902	912	rBV	2500025	3964056	35.82%	3.170%
13	8.734	969	977	988	rBV	1908248	3132516	28.30%	2.505%
14	8.852	991	997	1004	rVV3	9252	18330	0.17%	0.015%
15	8.911	1004	1007	1013	rVB5	12660	17290	0.16%	0.014%
16	9.187	1048	1054	1059	rBV2	32237	46604	0.42%	0.037%
17	9.446	1091	1098	1106	rBV	1606656	2667574	24.10%	2.133%
18	9.981	1181	1189	1203	rBV	2604774	4300770	38.86%	3.440%
19	10.358	1245	1253	1264	rBV	2325963	3878762	35.04%	3.102%
20	10.493	1267	1276	1290	rBV	2638530	4432612	40.05%	3.545%
21	10.728	1309	1316	1328	rBV	25626	66076	0.60%	0.053%
22	11.952	1519	1524	1529	rBV2	42374	69261	0.63%	0.055%
23	12.840	1670	1675	1680	rBV6	9999	17289	0.16%	0.014%
24	12.957	1691	1695	1701	rVB4	11681	16407	0.15%	0.013%
25	13.075	1710	1715	1721	rBV7	8963	16003	0.14%	0.013%
26	13.140	1721	1726	1730	rVV3	18190	28792	0.26%	0.023%
27	13.646	1806	1812	1817	rVV	4821811	6959912	62.88%	5.566%
28	13.693	1817	1820	1827	rVB	1322802	1682635	15.20%	1.346%
29	13.916	1851	1858	1868	rBV	5438771	8068018	72.90%	6.453%
30	14.157	1895	1899	1904	rVB3	11434	12952	0.12%	0.010%
31	14.228	1904	1911	1925	rBV2	3464130	5260084	47.53%	4.207%
32	14.428	1939	1945	1966	rBV	2019113	3101595	28.02%	2.481%
33	14.599	1971	1974	1981	rVB6	11513	18175	0.16%	0.015%
34	14.675	1981	1987	1992	rBV6	9106	19929	0.18%	0.016%

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35	14.898	2020	2025	2030	rVB6	8761	17140	0.15%	0.014%
36	15.057	2049	2052	2058	rBV4	16861	29739	0.27%	0.024%
37	15.116	2058	2062	2066	rVB3	16372	24430	0.22%	0.020%
38	15.228	2074	2081	2088	rBV	7068216	9950613	89.90%	7.958%
39	15.351	2095	2102	2112	rBV	1512415	2103744	19.01%	1.683%
40	15.469	2117	2122	2127	rVV	86747	123545	1.12%	0.099%
41	15.675	2154	2157	2161	rVB3	11711	13744	0.12%	0.011%
42	15.793	2175	2177	2183	rBV6	7300	12695	0.11%	0.010%
43	15.981	2206	2209	2211	rVV2	16877	16729	0.15%	0.013%
44	16.022	2211	2216	2223	rVB6	34209	62984	0.57%	0.050%
45	16.187	2242	2244	2250	rVB7	9736	13557	0.12%	0.011%
46	16.398	2274	2280	2284	rBV7	10794	21245	0.19%	0.017%
47	16.663	2320	2325	2329	rVB5	17694	25343	0.23%	0.020%
48	16.775	2339	2344	2351	rBV2	29166	44287	0.40%	0.035%
49	16.981	2373	2379	2389	rBV2	4237217	6173631	55.78%	4.938%
50	17.081	2389	2396	2410	rVB2	7415085	10615424	95.91%	8.490%
51	17.251	2421	2425	2429	rBV7	8384	13517	0.12%	0.011%
52	17.516	2466	2470	2475	rBV6	18067	29296	0.26%	0.023%
53	17.669	2494	2496	2501	rVB5	10455	13382	0.12%	0.011%
54	17.851	2525	2527	2531	rBV5	7564	12281	0.11%	0.010%
55	17.910	2532	2537	2552	rBV	1113495	1874343	16.93%	1.499%
56	18.210	2585	2588	2596	rVB6	28539	45473	0.41%	0.036%
57	18.592	2650	2653	2654	rBV2	11494	12331	0.11%	0.010%
58	18.857	2696	2698	2702	rVB5	20410	19510	0.18%	0.016%
59	18.951	2711	2714	2716	rBV4	13818	17168	0.16%	0.014%
60	19.028	2722	2727	2730	rBV	86559	128630	1.16%	0.103%
61	19.210	2753	2758	2766	rBV	258750	465302	4.20%	0.372%
62	19.281	2766	2770	2779	rVV	89836	151755	1.37%	0.121%
63	19.392	2781	2789	2796	rVV	7808905	11067983	100.00%	8.852%
64	19.445	2796	2798	2801	rVB3	26890	28021	0.25%	0.022%
65	19.986	2888	2890	2893	rVB	29631	24020	0.22%	0.019%
66	20.357	2951	2953	2956	rVB4	23752	21970	0.20%	0.018%
67	20.492	2973	2976	2980	rVB2	49904	55472	0.50%	0.044%
68	20.951	3050	3054	3068	rBV	1186772	1737268	15.70%	1.389%
69	21.210	3092	3098	3106	rBV	3841144	5069230	45.80%	4.054%
70	21.345	3118	3121	3128	rBV2	195263	239210	2.16%	0.191%
71	21.404	3128	3131	3139	rBV2	130190	175896	1.59%	0.141%

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72	21.839	3201	3205	3216	rBV2	178061	387537	3.50%	0.310%
73	22.298	3279	3283	3293	rVB	237967	306295	2.77%	0.245%
74	22.798	3364	3368	3374	rVB	281680	371990	3.36%	0.298%
75	23.275	3441	3449	3457	rBV2	4913250	8610517	77.80%	6.887%
76	23.357	3458	3463	3466	rVV	302044	494774	4.47%	0.396%
77	23.410	3466	3472	3482	rVB	2604057	4698547	42.45%	3.758%
78	23.986	3565	3570	3577	rBV2	252856	477140	4.31%	0.382%
79	24.716	3690	3694	3701	rVB3	182408	342213	3.09%	0.274%

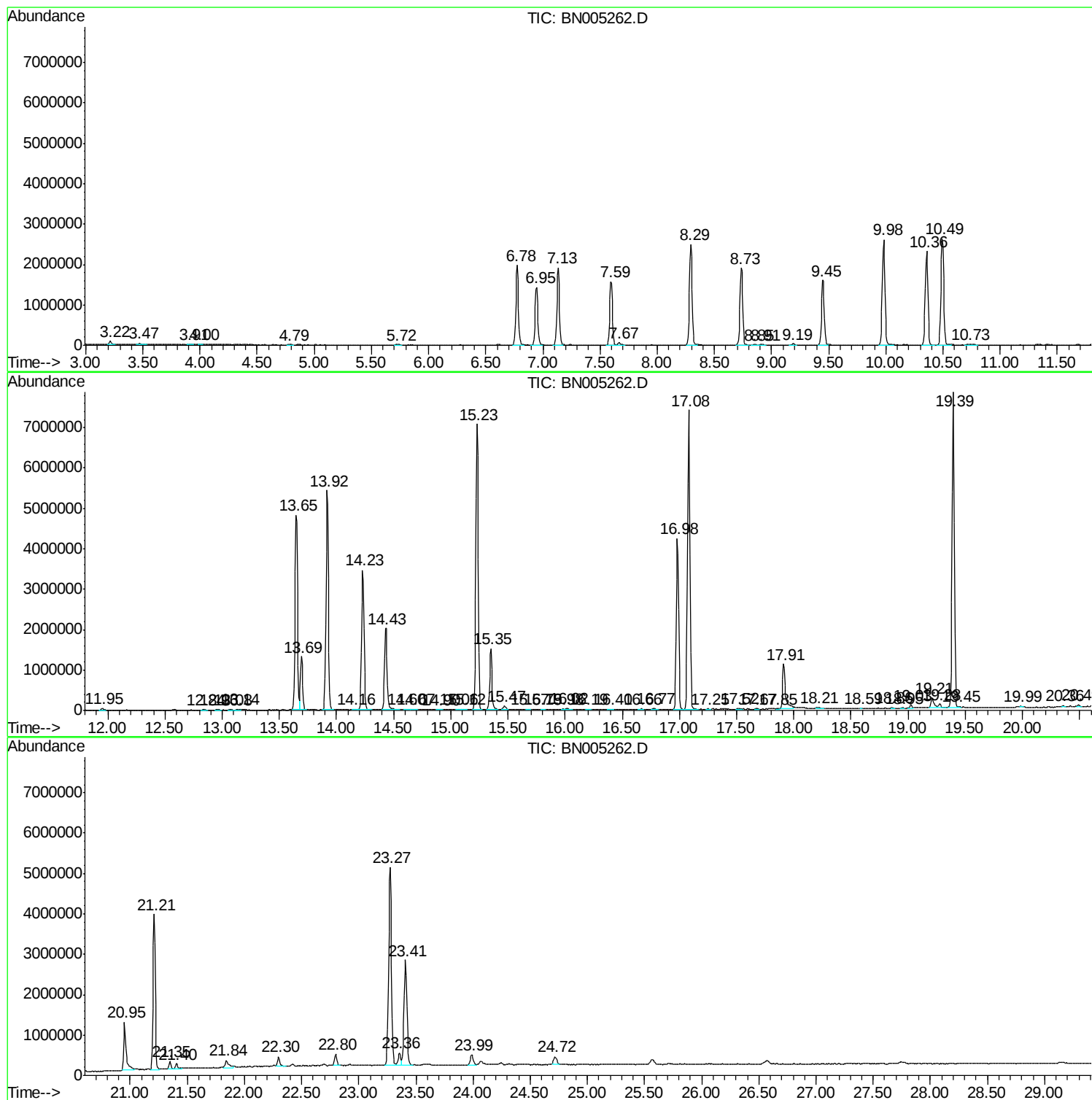
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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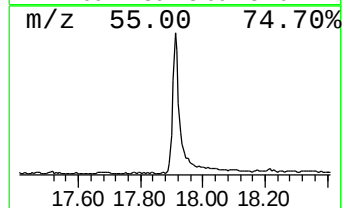
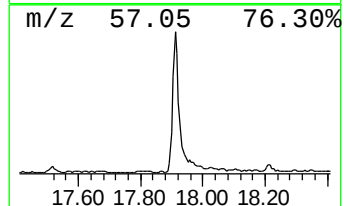
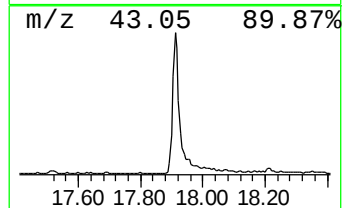
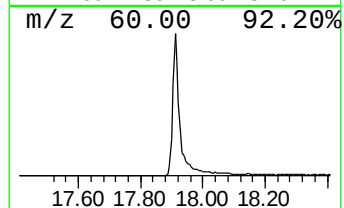
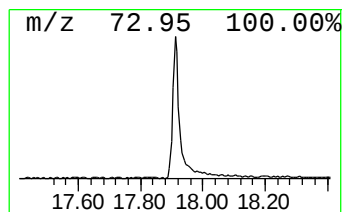
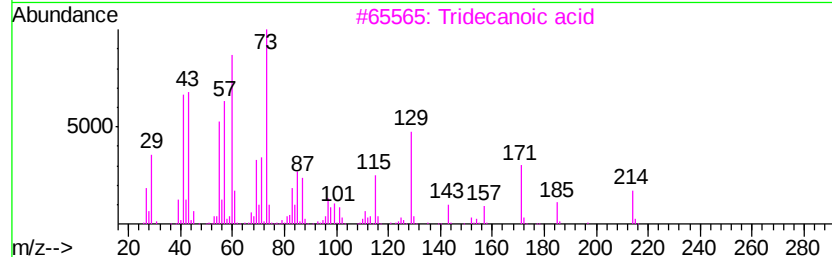
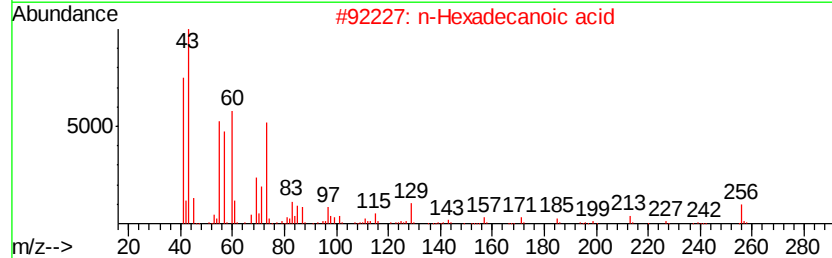
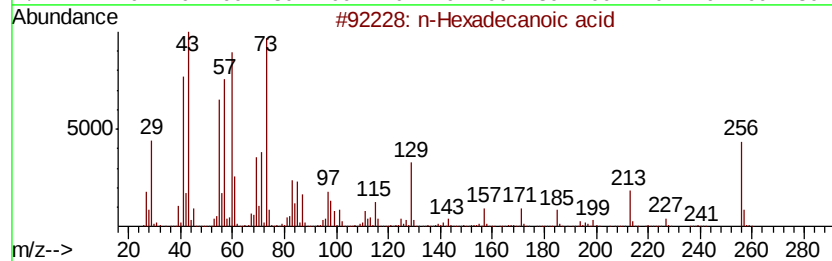
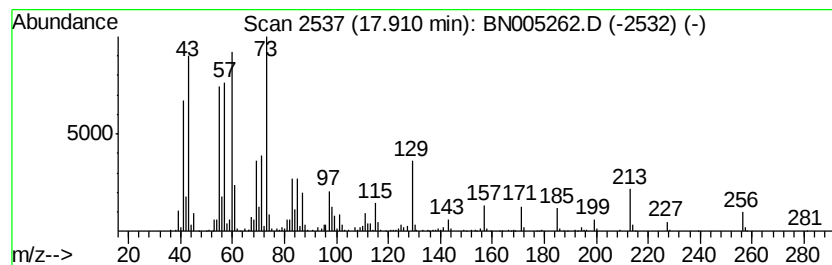
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.91	6.07 ng/ul	1874340	Phenanthrene-d10	16.98		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	94	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	93	



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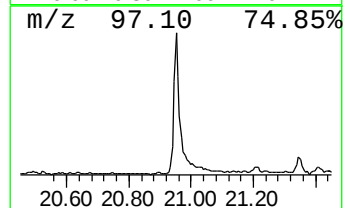
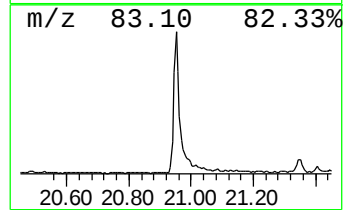
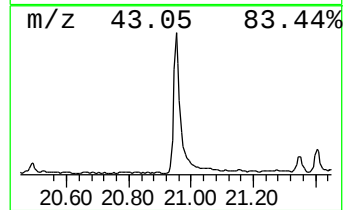
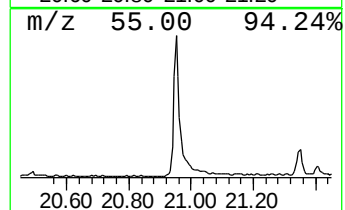
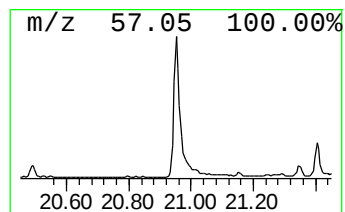
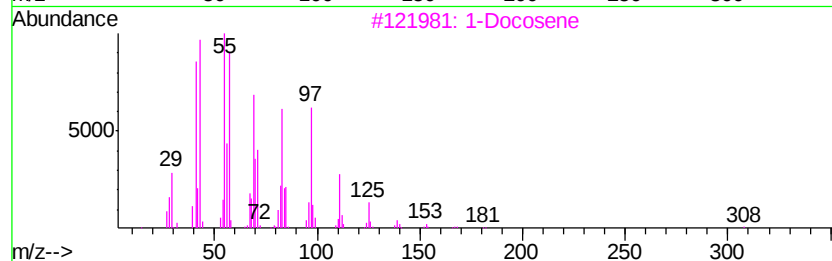
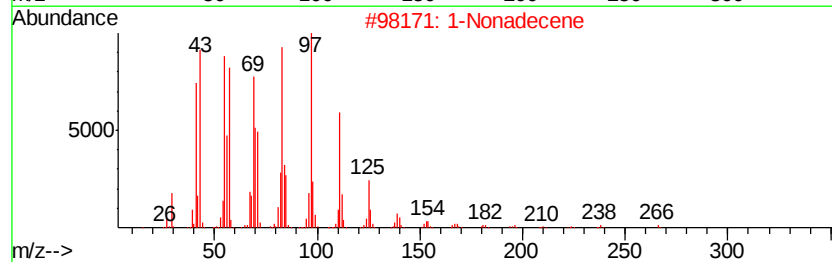
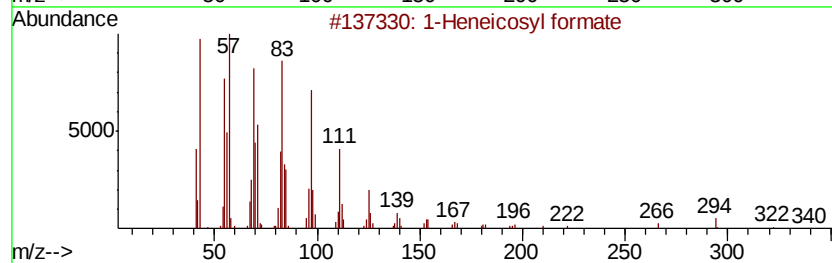
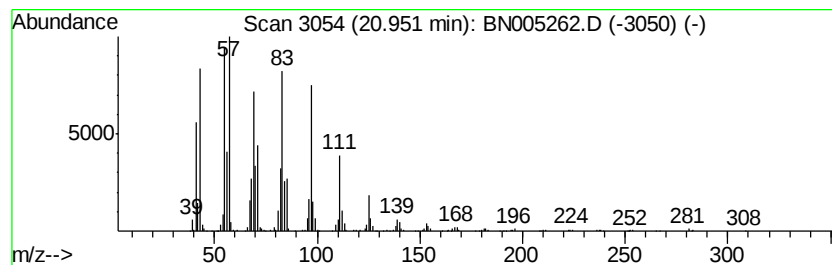
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	6.85 ng/ul	1737270	Chrysene-d12	21.21
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heneicosyl formate	340 C22H44O2	077899-03-7	94
2	1-Nonadecene	266 C19H38	018435-45-5	91
3	1-Docosene	308 C22H44	001599-67-3	91
4	10-Heneicosene (c,t)	294 C21H42	095008-11-0	91
5	Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1	91



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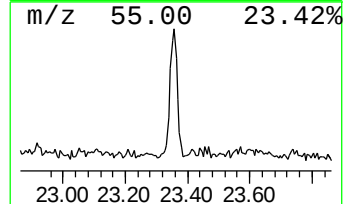
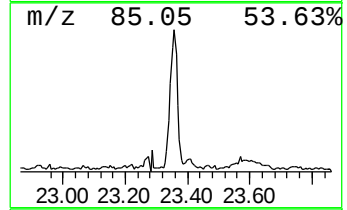
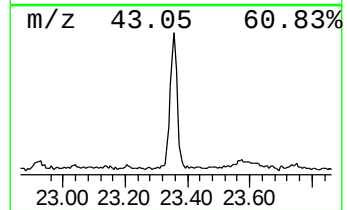
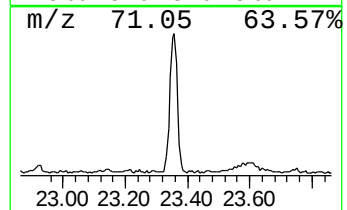
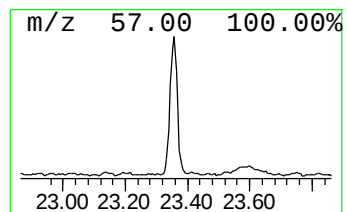
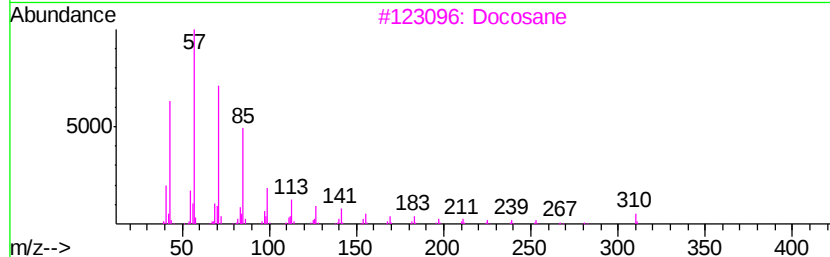
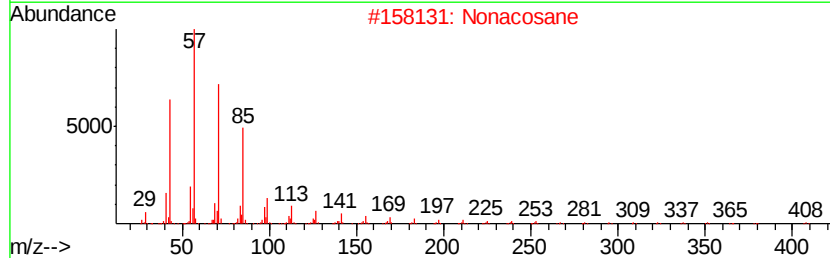
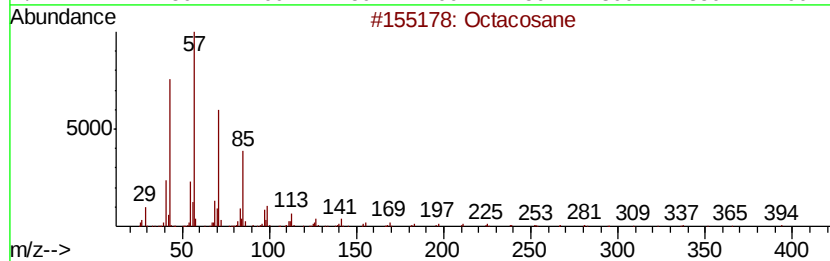
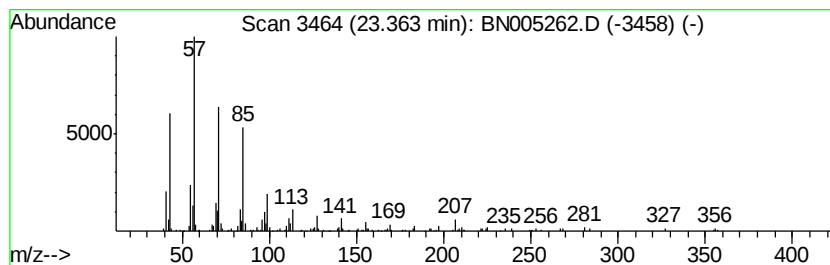
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.36	2.11 ng/ul	494774	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Nonacosane	408	C29H60	000630-03-5	90
3		Docosane	310	C22H46	000629-97-0	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Heptacosane	380	C27H56	000593-49-7	90



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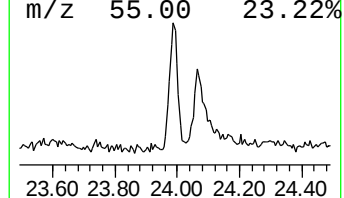
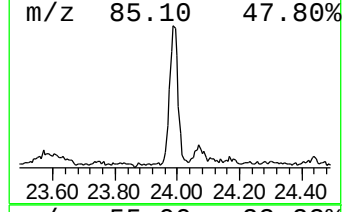
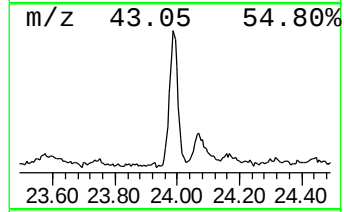
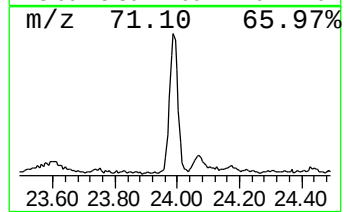
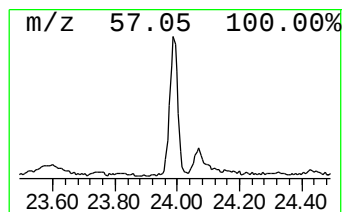
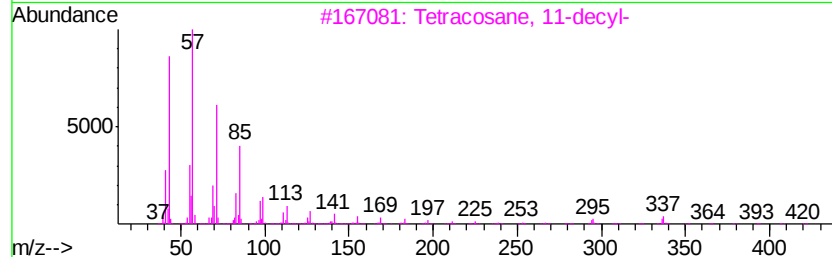
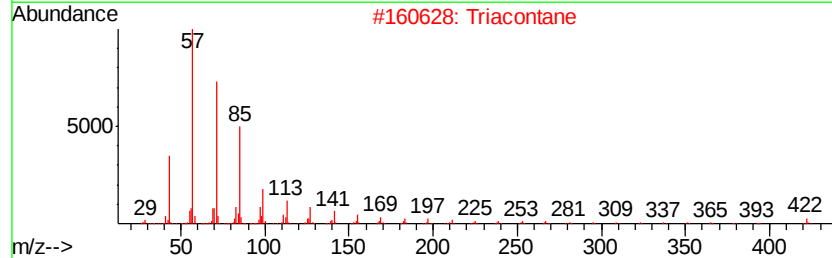
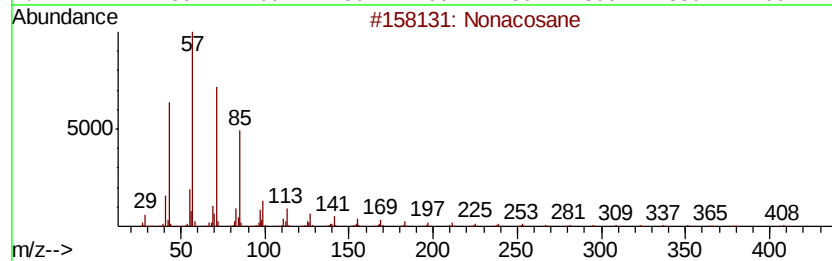
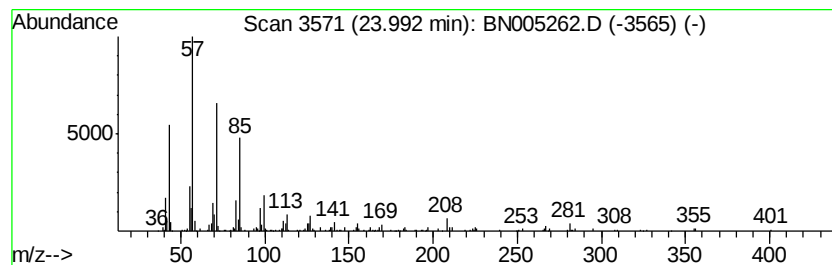
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	2.03 ng/ul	477140	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonacosane	408	C29H60	000630-03-5	91
2		Triacontane	422	C30H62	000638-68-6	91
3		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5		Eicosane, 2-methyl-	296	C21H44	001560-84-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005262.D
Acq On : 24 Apr 2019 22:12
Operator : JU/SJ
Sample : K2456-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHN8

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	6.1	ng/ul	1874340	4	16.98	6173630	20.0
1-Heneicosyl formate	20.95	6.8	ng/ul	1737270	5	21.21	5069230	20.0
(DEL) Alkane: Str...	23.36	2.1	ng/ul	494774	6	23.41	4698550	20.0
(DEL) Alkane: Str...	23.99	2.0	ng/ul	477140	6	23.41	4698550	20.0