

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
 Data File : BN005289.D
 Acq On : 25 Apr 2019 20:42
 Operator : JU/SJ
 Sample : K2481-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHP2

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	44	rBV2	76658	102768	0.87%	0.086%
2	3.911	154	157	163	rBV3	13161	22747	0.19%	0.019%
3	3.999	168	172	178	rVB	135845	196478	1.66%	0.165%
4	4.252	212	215	221	rVB6	14676	22289	0.19%	0.019%
5	4.393	236	239	245	rVB	37586	54691	0.46%	0.046%
6	5.722	462	465	474	rVB	19245	28704	0.24%	0.024%
7	6.775	637	644	655	rBV	1460205	2334927	19.69%	1.961%
8	6.940	666	672	686	rVB	1153217	1789095	15.09%	1.503%
9	7.134	697	705	715	rVB	1431413	2289932	19.31%	1.923%
10	7.593	777	783	790	rBV	1364973	2160571	18.22%	1.815%
11	7.663	790	795	801	rVB	129707	195116	1.65%	0.164%
12	8.293	895	902	913	rBV	1872625	2996394	25.27%	2.517%
13	8.734	969	977	985	rBV	1462502	2377022	20.04%	1.996%
14	8.852	993	997	1004	rVB6	7153	12919	0.11%	0.011%
15	8.910	1004	1007	1013	rBV4	9181	12333	0.10%	0.010%
16	9.181	1048	1053	1059	rVB5	11885	19779	0.17%	0.017%
17	9.446	1091	1098	1111	rBV	1166796	1936970	16.33%	1.627%
18	9.981	1181	1189	1199	rBV	1874836	3106569	26.20%	2.609%
19	10.351	1245	1252	1260	rBV	1994887	3327724	28.06%	2.795%
20	10.493	1267	1276	1293	rBV	1895290	3276666	27.63%	2.752%
21	10.740	1314	1318	1320	rBV4	9957	15744	0.13%	0.013%
22	11.957	1519	1525	1530	rBV3	25785	48663	0.41%	0.041%
23	13.134	1721	1725	1731	rBV3	19987	34326	0.29%	0.029%
24	13.645	1805	1812	1816	rBV	3944978	5452355	45.98%	4.579%
25	13.692	1816	1820	1827	rVB	827530	1122761	9.47%	0.943%
26	13.916	1849	1858	1869	rBV	4205763	6259478	52.78%	5.257%
27	14.228	1903	1911	1921	rBV2	3181610	4773523	40.25%	4.009%
28	14.434	1938	1946	1964	rBV	1705159	2734128	23.06%	2.296%
29	14.551	1964	1966	1970	rVV3	13255	20354	0.17%	0.017%
30	15.057	2047	2052	2058	rBV4	8217	16557	0.14%	0.014%
31	15.228	2074	2081	2089	rBV	5611299	7794300	65.73%	6.546%
32	15.351	2096	2102	2109	rBV	1477651	2137798	18.03%	1.796%
33	15.410	2109	2112	2117	rVV4	32909	52900	0.45%	0.044%
34	15.469	2117	2122	2130	rVB	67279	100144	0.84%	0.084%

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Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
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35	15.916	2193	2198	2205	rVB7	6163	12431	0.10%	0.010%
36	16.010	2211	2214	2227	rVV7	22955	50129	0.42%	0.042%
37	16.675	2321	2327	2334	rVB4	30899	51884	0.44%	0.044%
38	16.769	2337	2343	2347	rBV4	21745	32050	0.27%	0.027%
39	16.898	2361	2365	2368	rBV3	14700	19964	0.17%	0.017%
40	16.980	2372	2379	2389	rBV2	4534292	6142981	51.80%	5.160%
41	17.081	2389	2396	2406	rBV	6408858	8872768	74.82%	7.452%
42	17.569	2475	2479	2480	rBV4	11793	12734	0.11%	0.011%
43	17.586	2480	2482	2487	rVB6	16068	18039	0.15%	0.015%
44	17.633	2487	2490	2494	rBV5	14567	23607	0.20%	0.020%
45	17.910	2532	2537	2552	rBV2	436377	882341	7.44%	0.741%
46	18.339	2607	2610	2615	rVB2	40087	44946	0.38%	0.038%
47	18.857	2694	2698	2701	rBV3	17947	23798	0.20%	0.020%
48	18.951	2710	2714	2715	rBV4	10468	12078	0.10%	0.010%
49	19.022	2722	2726	2730	rBV	76076	114243	0.96%	0.096%
50	19.204	2752	2757	2766	rBV	216638	402852	3.40%	0.338%
51	19.275	2766	2769	2779	rVV	90596	144245	1.22%	0.121%
52	19.392	2780	2789	2795	rVV2	8026499	11028492	93.00%	9.263%
53	19.439	2795	2797	2801	rVV	54871	59679	0.50%	0.050%
54	19.474	2801	2803	2805	rVB3	15738	12021	0.10%	0.010%
55	19.863	2867	2869	2873	rVB5	16775	20164	0.17%	0.017%
56	19.986	2885	2890	2894	rBV	145375	171780	1.45%	0.144%
57	20.357	2950	2953	2957	rBV5	26519	32876	0.28%	0.028%
58	20.422	2962	2964	2970	rVB6	37291	42256	0.36%	0.035%
59	20.486	2970	2975	2981	rBV	346260	395015	3.33%	0.332%
60	20.957	3050	3055	3060	rBV	491876	582198	4.91%	0.489%
61	21.210	3092	3098	3108	rVB	5852295	7373770	62.18%	6.193%
62	21.404	3127	3131	3135	rBV	409047	463031	3.90%	0.389%
63	21.833	3200	3204	3209	rBV	428648	518278	4.37%	0.435%
64	22.292	3278	3282	3290	rVB	520981	652522	5.50%	0.548%
65	22.416	3300	3303	3306	rVB2	65743	74503	0.63%	0.063%
66	22.792	3362	3367	3373	rBV	548436	773810	6.53%	0.650%
67	23.274	3441	3449	3457	rBV2	6553249	11858631	100.00%	9.960%
68	23.351	3457	3462	3465	rVV	600500	956112	8.06%	0.803%
69	23.410	3465	3472	3487	rVB	4314063	7918571	66.77%	6.651%
70	23.980	3564	3569	3579	rVB	536396	946272	7.98%	0.795%
71	24.709	3687	3693	3702	rVB2	416906	866287	7.31%	0.728%

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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72	25.557	3831	3837	3847	rVB3	258895	626900	5.29%	0.527%
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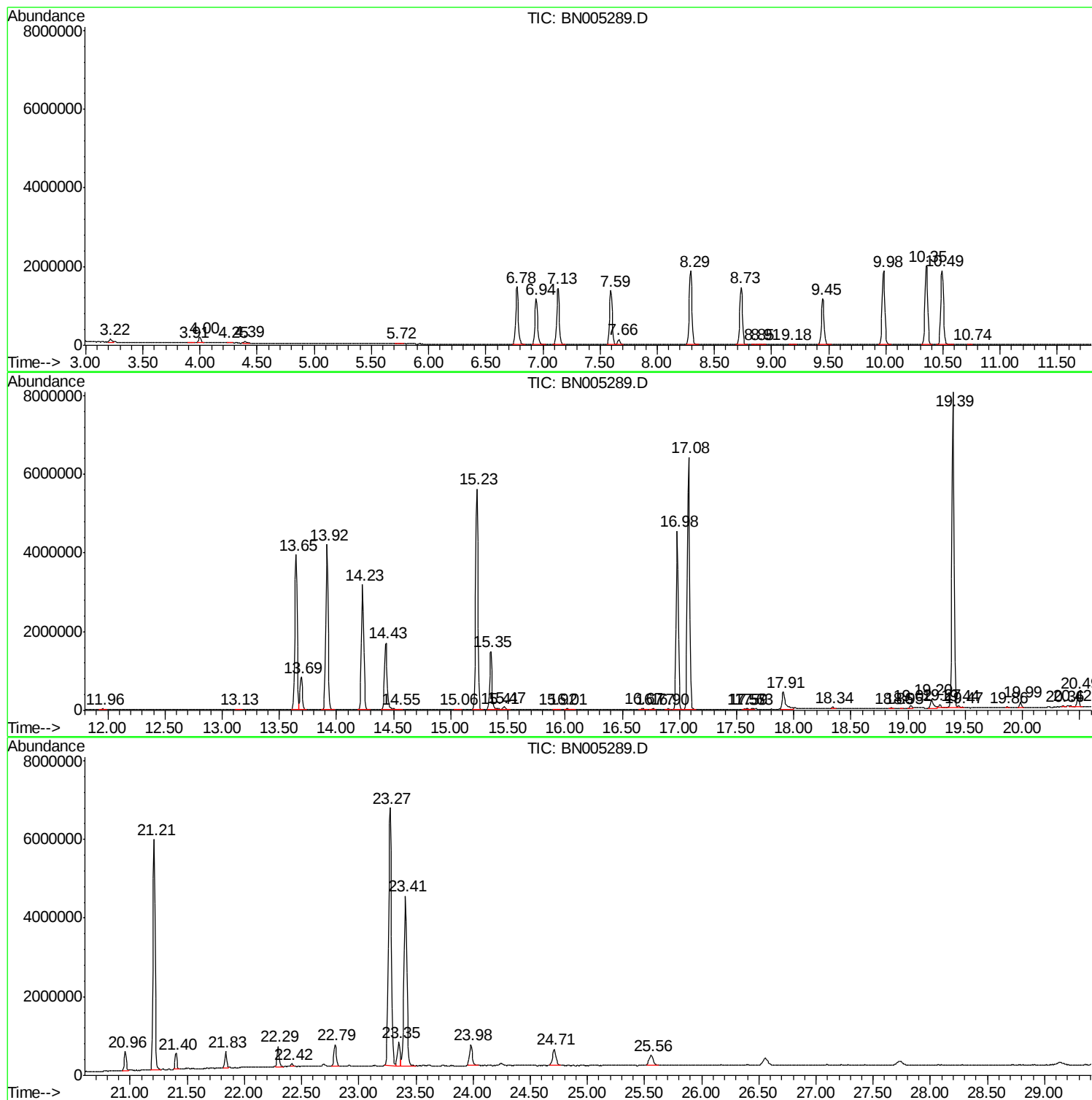
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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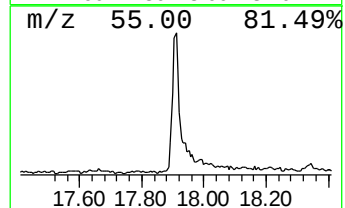
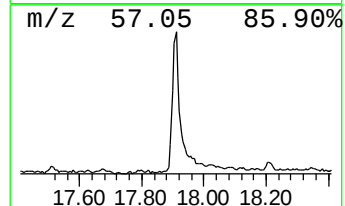
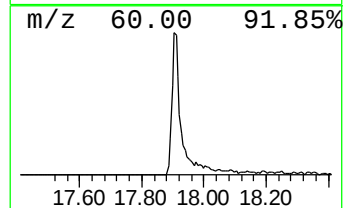
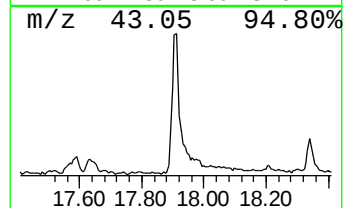
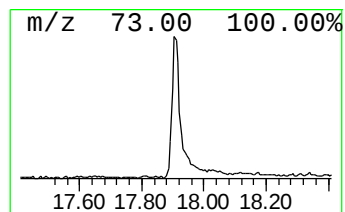
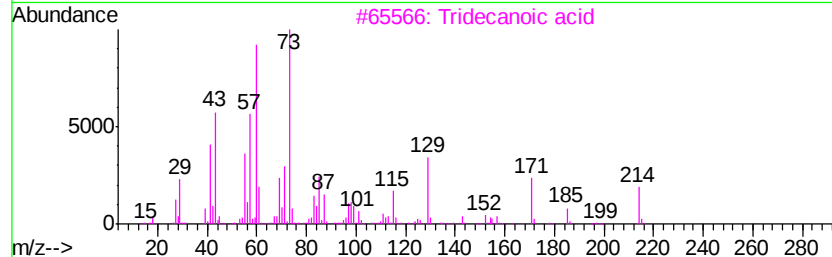
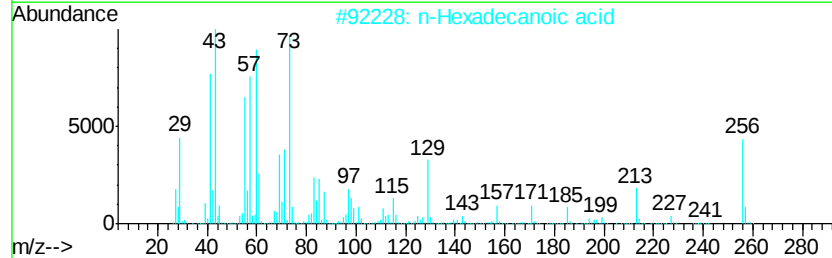
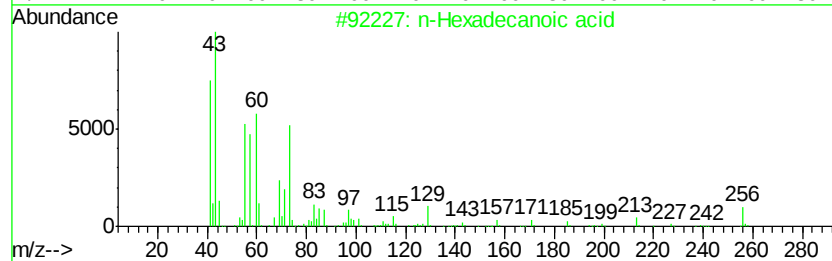
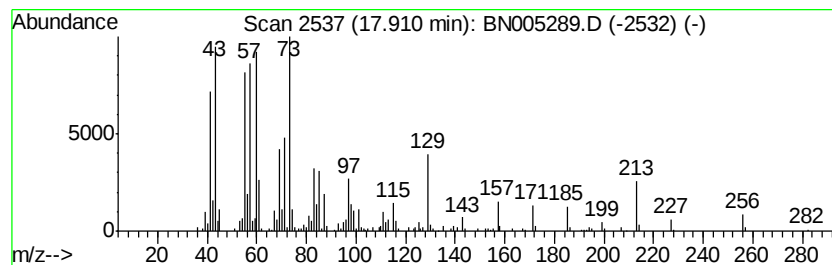
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.91	2.87 ng/ul	882341	Phenanthrene-d10	16.98		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	76	



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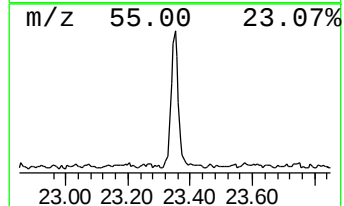
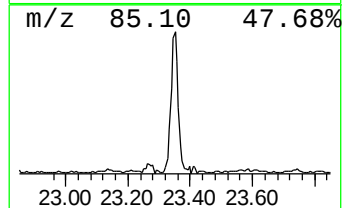
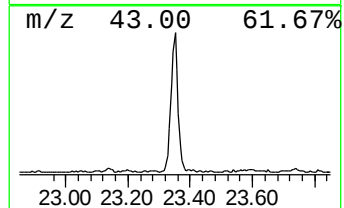
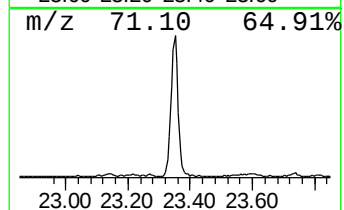
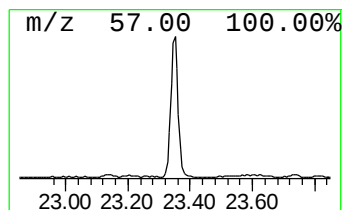
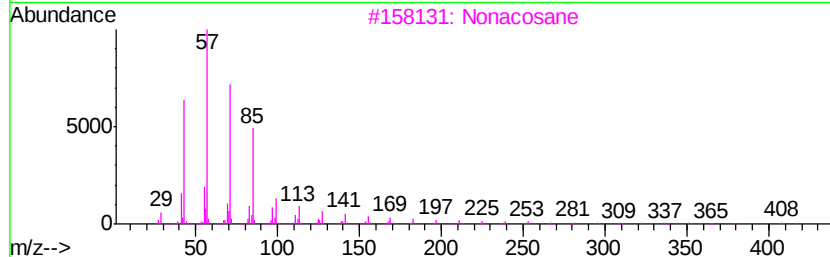
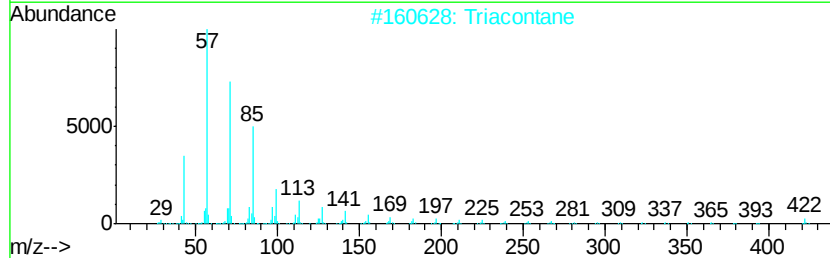
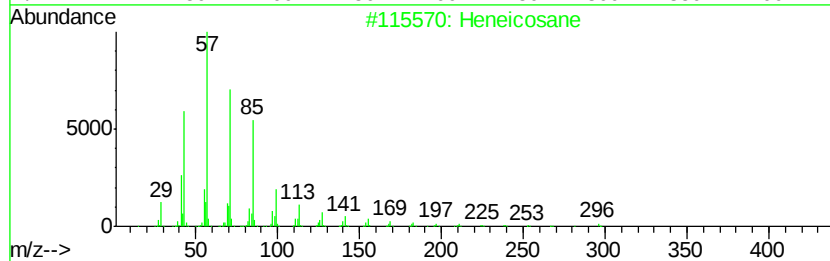
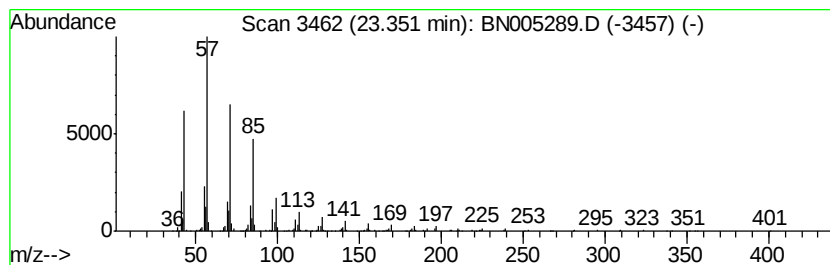
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.35	2.41 ng/ul	956112	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Triacontane	422	C30H62	000638-68-6	91
3		Nonacosane	408	C29H60	000630-03-5	91
4		Tetratriacontane	479	C34H70	014167-59-0	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



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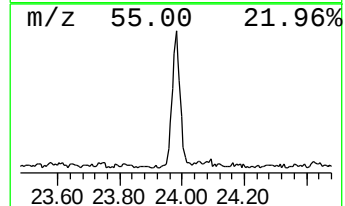
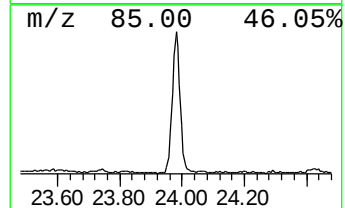
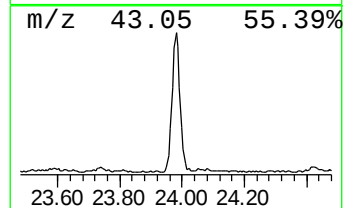
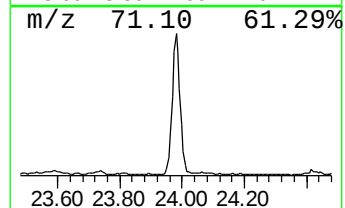
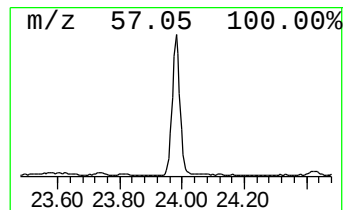
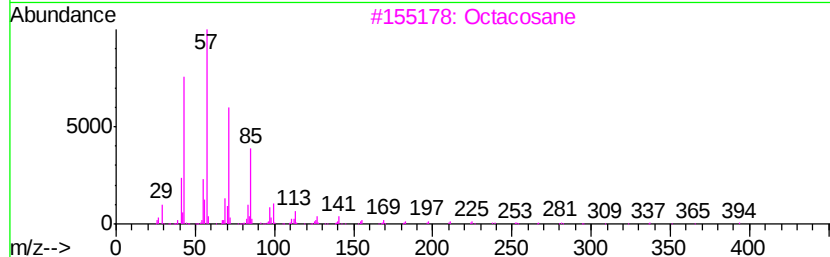
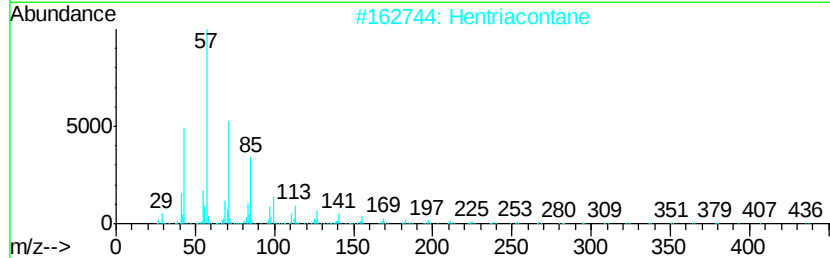
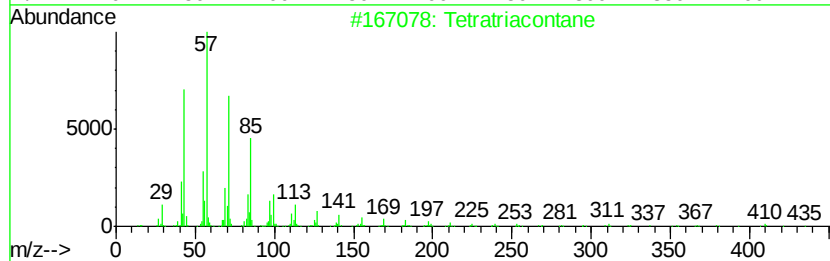
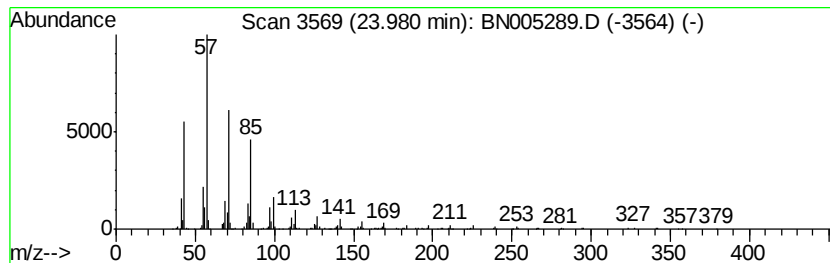
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	2.39 ng/ul	946272	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	94
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Nonacosane	408	C29H60	000630-03-5	91



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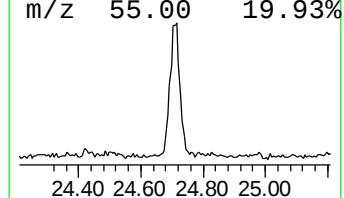
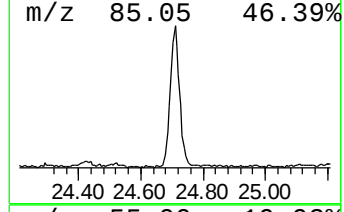
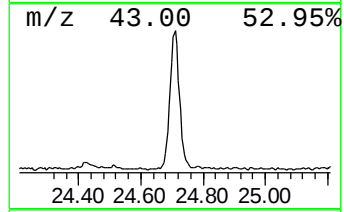
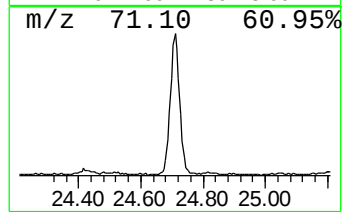
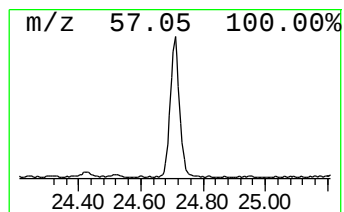
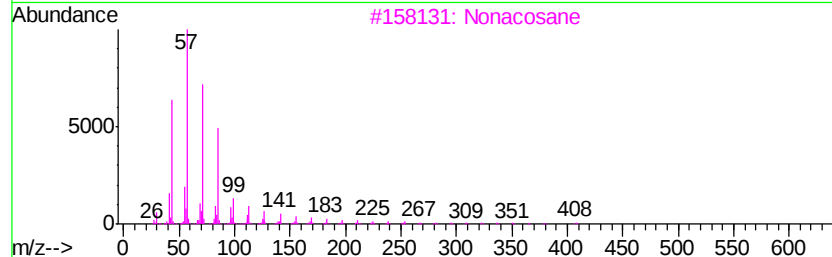
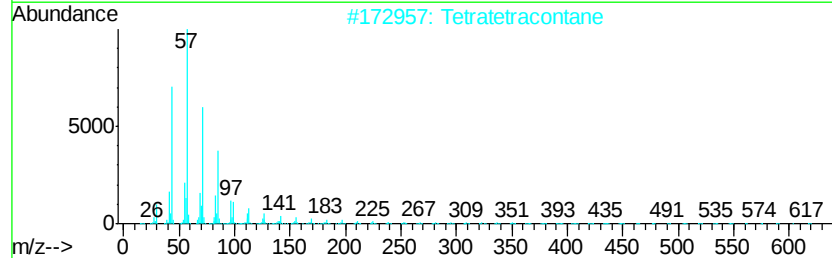
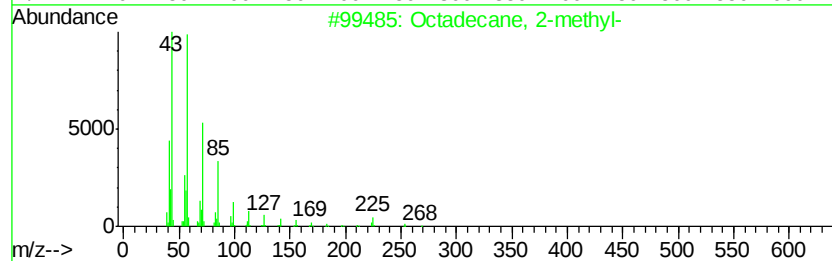
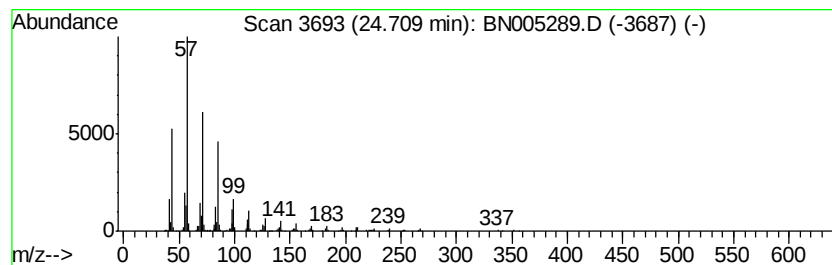
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.71	2.19 ng/ul	866287	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Nonacosane	408	C29H60	000630-03-5	91
4		triacontane	422	C30H62	000638-68-6	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005289.D
Acq On : 25 Apr 2019 20:42
Operator : JU/SJ
Sample : K2481-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHP2

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	2.9	ng/ul	882341	4	16.98	6142980	20.0
(DEL) Alkane: Str...	23.35	2.4	ng/ul	956112	6	23.41	7918570	20.0
(DEL) Alkane: Str...	23.98	2.4	ng/ul	946272	6	23.41	7918570	20.0
(DEL) Alkane: Str...	24.71	2.2	ng/ul	866287	6	23.41	7918570	20.0