

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030819\
 Data File : BN004678.D
 Acq On : 08 Mar 2019 18:08
 Operator : JU/SJ
 Sample : K1720-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF8B0

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-BN030719MA.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	3.222	38	40	45	rVB	4970	5897	1.08%	0.093%
2	3.899	152	155	157	rVV	647	590	0.11%	0.009%
3	3.946	159	163	169	rVB	2002	2876	0.53%	0.045%
4	4.711	291	293	294	rBV	637	568	0.10%	0.009%
5	4.840	311	315	318	rBB	1172	1536	0.28%	0.024%
6	6.881	657	662	671	rBB	62384	98099	18.04%	1.546%
7	7.063	688	693	702	rBB	48303	74706	13.74%	1.177%
8	7.252	719	725	731	rBB	71379	102177	18.79%	1.610%
9	7.722	799	805	811	rBB	99876	149352	27.47%	2.354%
10	8.416	918	923	930	rBB	90557	134219	24.69%	2.115%
11	8.881	996	1002	1009	rBB	67575	104144	19.16%	1.641%
12	9.240	1059	1063	1065	rBB	1563	1827	0.34%	0.029%
13	9.599	1118	1124	1129	rBB	56381	85854	15.79%	1.353%
14	10.122	1208	1213	1220	rBB	91901	146735	26.99%	2.313%
15	10.504	1272	1278	1285	rBB	156508	252388	46.42%	3.978%
16	10.646	1296	1302	1311	rBB	89837	147479	27.13%	2.324%
17	12.098	1546	1549	1551	rBB	1033	1235	0.23%	0.019%
18	13.769	1828	1833	1838	rBV	199501	269101	49.50%	4.241%
19	13.816	1838	1841	1846	rVB	35642	42993	7.91%	0.678%
20	14.057	1875	1882	1889	rBB	224495	315297	58.00%	4.969%
21	14.363	1928	1934	1940	rBB2	263524	384540	70.73%	6.061%
22	14.563	1963	1968	1975	rBB	69631	95610	17.59%	1.507%
23	15.104	2057	2060	2062	rBB	699	776	0.14%	0.012%
24	15.357	2097	2103	2109	rBB	298360	411674	75.72%	6.488%
25	15.481	2119	2124	2129	rBB	67271	83546	15.37%	1.317%
26	15.592	2141	2143	2146	rBB	1356	1547	0.28%	0.024%
27	16.898	2362	2365	2367	rBB	642	762	0.14%	0.012%
28	17.110	2395	2401	2407	rBB	358967	484252	89.07%	7.632%
29	17.157	2407	2409	2412	rBB	535	629	0.12%	0.010%
30	17.210	2412	2418	2425	rBB	331057	449458	82.67%	7.084%
31	17.875	2527	2531	2534	rBB2	3078	3327	0.61%	0.052%
32	17.992	2547	2551	2561	rBV	52676	67910	12.49%	1.070%
33	18.069	2561	2564	2567	rVB	849	1254	0.23%	0.020%
34	18.281	2598	2600	2606	rVB2	1139	1761	0.32%	0.028%

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35	18.351	2610	2612	2614	rVB	645	569	0.10%	0.009%
36	18.369	2614	2615	2618	rBV	922	807	0.15%	0.013%
37	18.422	2620	2624	2626	rBV	652	1033	0.19%	0.016%
38	18.492	2632	2636	2641	rBV	1206	2062	0.38%	0.032%
39	18.581	2648	2651	2655	rBV2	1112	1448	0.27%	0.023%
40	18.745	2676	2679	2684	rVB	622	966	0.18%	0.015%
41	18.792	2684	2687	2691	rVB2	735	789	0.15%	0.012%
42	18.839	2691	2695	2699	rBV	5545	6056	1.11%	0.095%
43	18.916	2702	2708	2713	rVB2	1635	3103	0.57%	0.049%
44	19.139	2742	2746	2748	rBV	2974	3337	0.61%	0.053%
45	19.280	2766	2770	2777	rBV	10827	15754	2.90%	0.248%
46	19.392	2785	2789	2793	rBV2	3666	4381	0.81%	0.069%
47	19.445	2796	2798	2801	rBV	753	1051	0.19%	0.017%
48	19.510	2803	2809	2815	rVV2	394183	529632	97.42%	8.348%
49	20.039	2897	2899	2905	rVB2	623	794	0.15%	0.013%
50	20.369	2952	2955	2956	rBV	684	581	0.11%	0.009%
51	20.539	2981	2984	2986	rVB	2494	2071	0.38%	0.033%
52	20.663	3003	3005	3007	rVB	852	660	0.12%	0.010%
53	20.810	3026	3030	3032	rBV	736	934	0.17%	0.015%
54	21.004	3059	3063	3068	rBV	31522	41927	7.71%	0.661%
55	21.310	3109	3115	3120	rBV	421118	543650	100.00%	8.569%
56	21.363	3122	3124	3125	rBV	996	602	0.11%	0.009%
57	21.445	3134	3138	3141	rVB	13139	13629	2.51%	0.215%
58	21.874	3207	3211	3216	rBV	22040	27624	5.08%	0.435%
59	22.339	3286	3290	3294	rBV	36754	45603	8.39%	0.719%
60	22.469	3308	3312	3317	rBV	19504	22517	4.14%	0.355%
61	22.845	3372	3376	3383	rVB	44106	60299	11.09%	0.950%
62	23.421	3467	3474	3485	rVB2	258857	468608	86.20%	7.386%
63	23.563	3491	3498	3508	rVB2	242587	454166	83.54%	7.158%
64	24.063	3577	3583	3591	rBV	34437	61122	11.24%	0.963%
65	24.163	3597	3600	3602	rBV3	2476	2862	0.53%	0.045%
66	24.810	3704	3710	3718	rBV	22998	47363	8.71%	0.746%
67	25.686	3853	3859	3867	rVB2	14106	33179	6.10%	0.523%
68	26.709	4029	4033	4043	rVB5	8463	21387	3.93%	0.337%

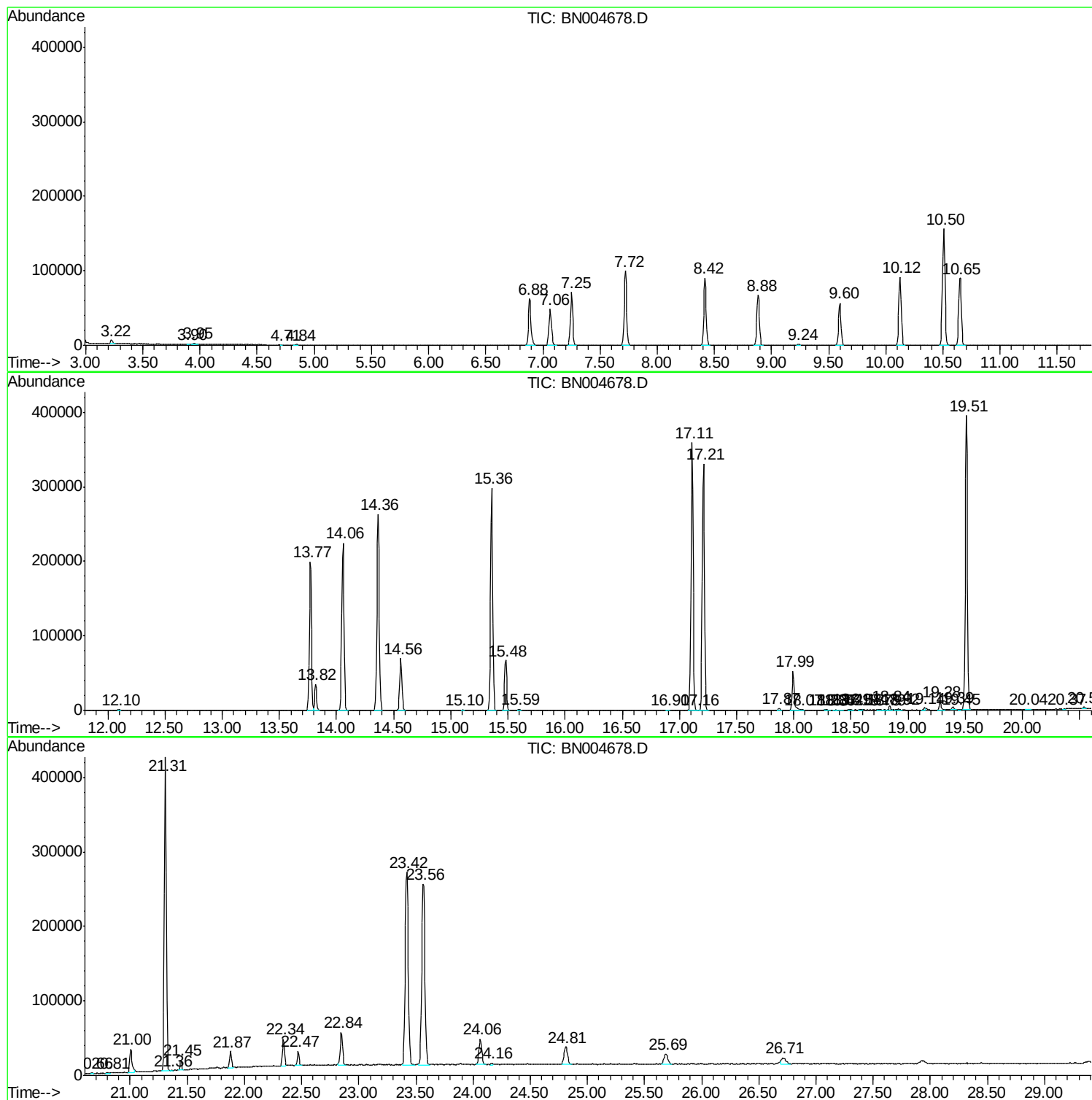
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Quant Title : SVOA CALIBRATION

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



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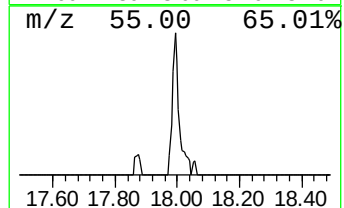
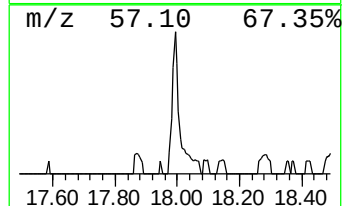
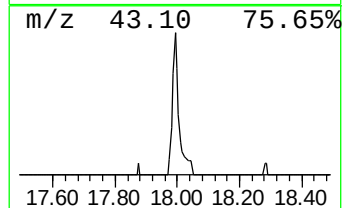
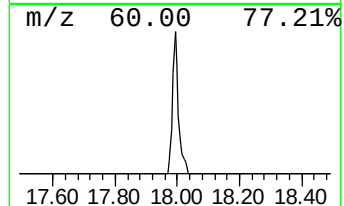
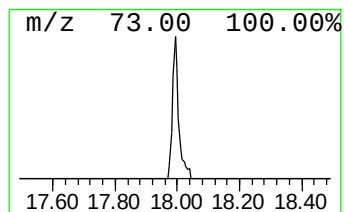
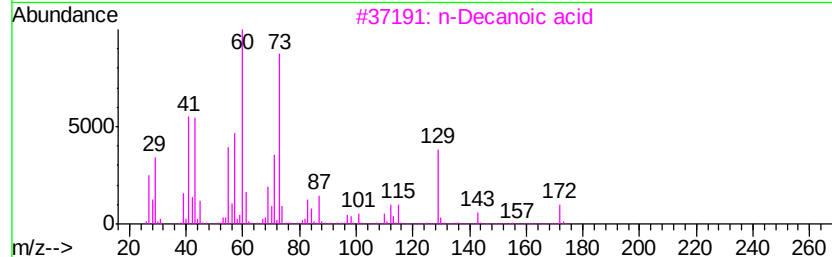
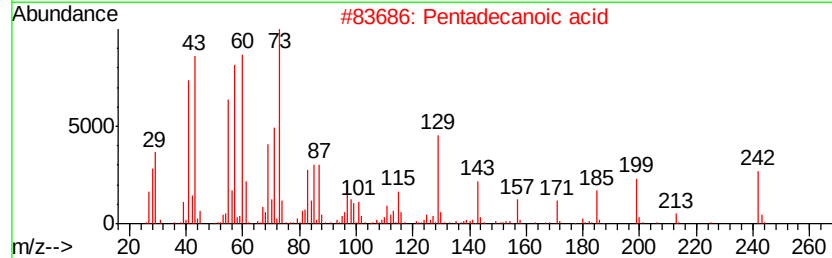
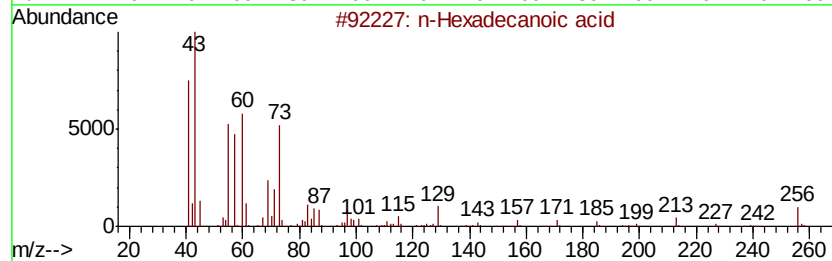
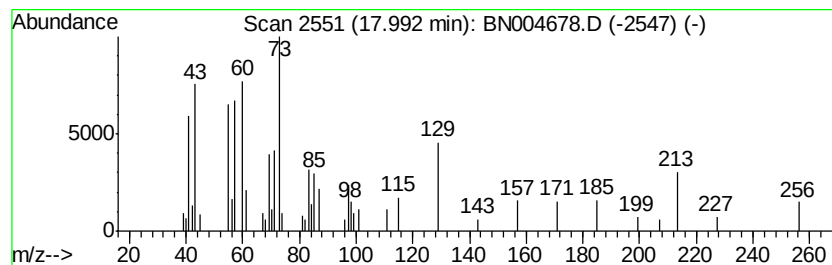
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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.	
17.99	2.80 ng/ul	67910	Phenanthrene-d10		17.11	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	93
2	Pentadecanoic acid		242	C15H30O2	001002-84-2	83
3	n-Decanoic acid		172	C10H20O2	000334-48-5	59
4	n-Decanoic acid		172	C10H20O2	000334-48-5	59
5	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	58



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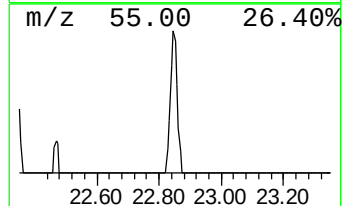
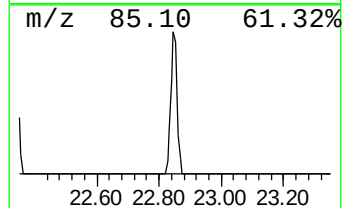
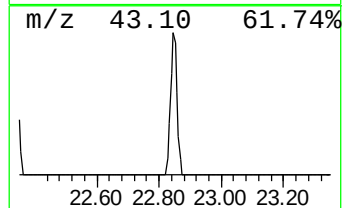
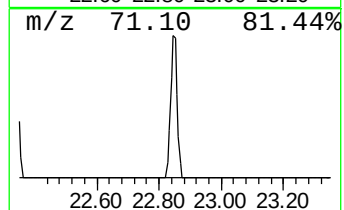
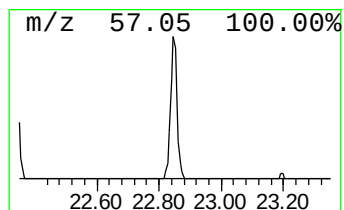
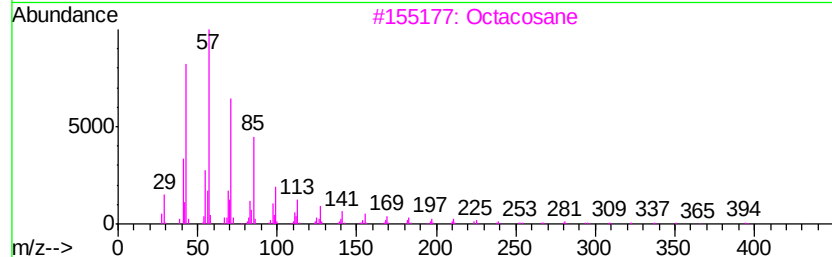
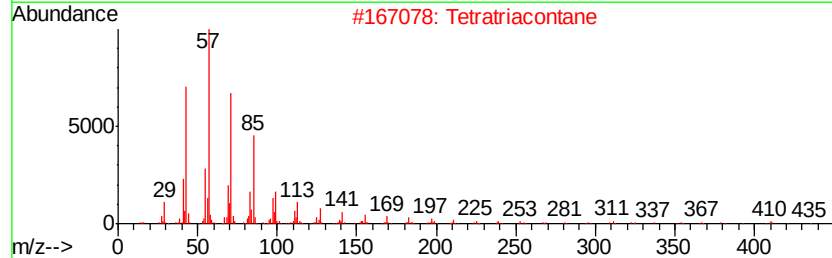
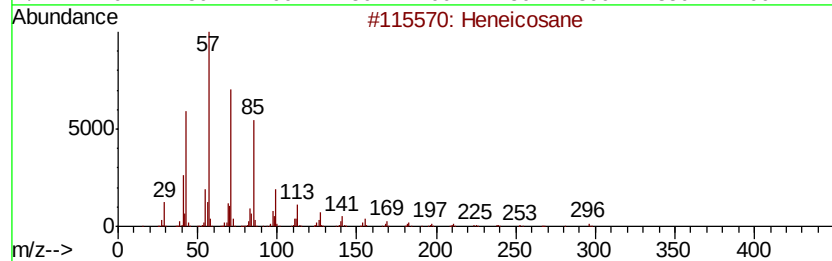
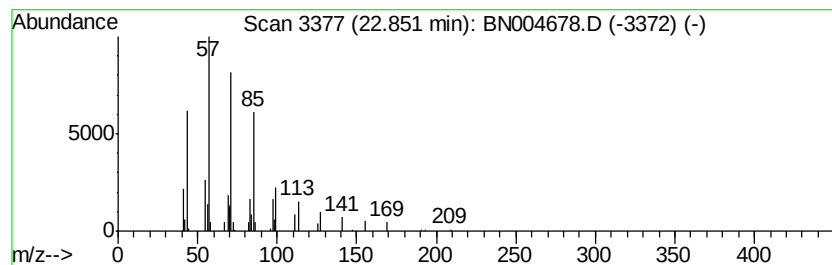
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.85	2.66 ng/ul	60299	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetratriacontane	479	C34H70	014167-59-0	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Heptacosane	380	C27H56	000593-49-7	91



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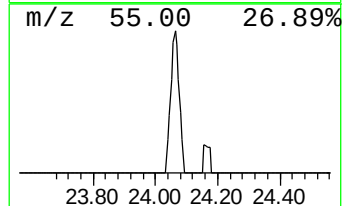
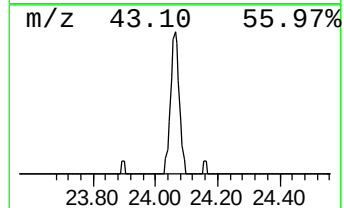
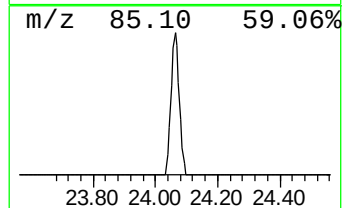
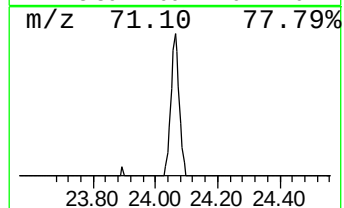
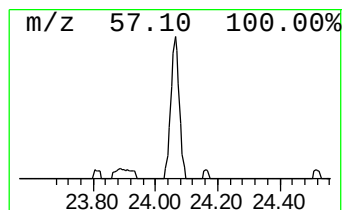
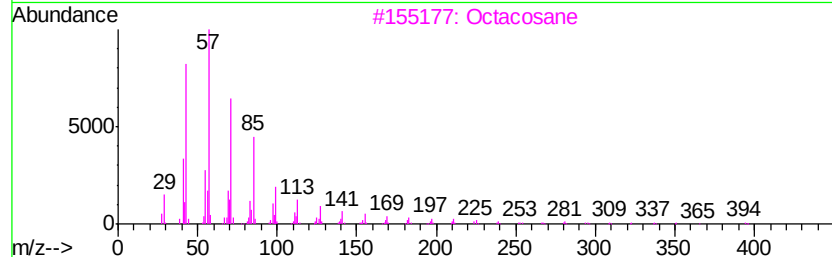
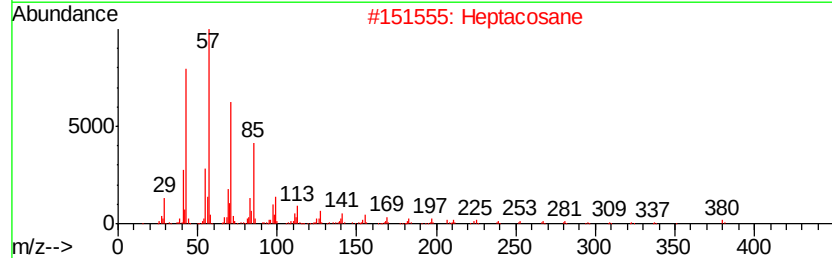
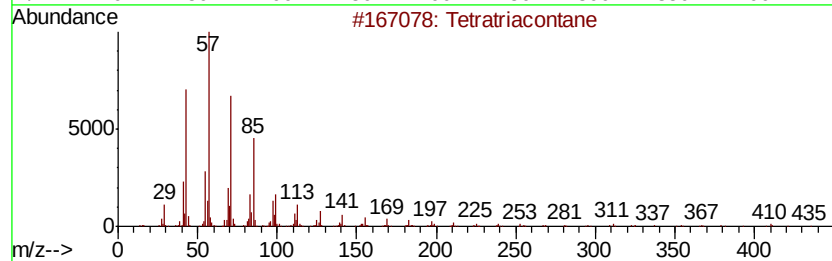
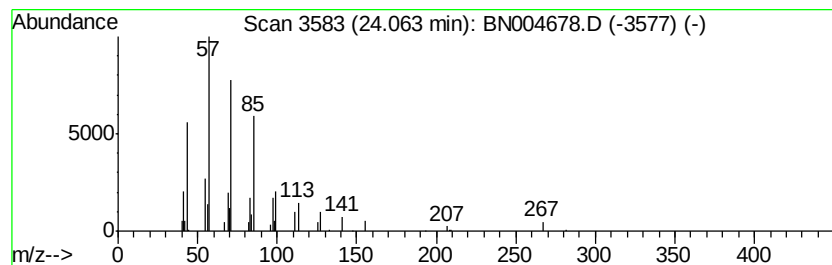
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	2.69 ng/ul	61122	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Eicosane	282	C20H42	000112-95-8	90
5		Pentacosane	352	C25H52	000629-99-2	90



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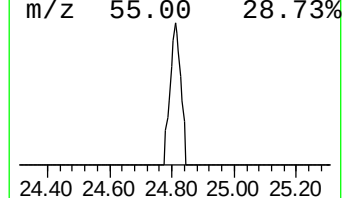
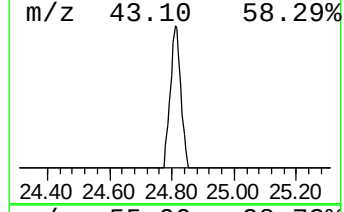
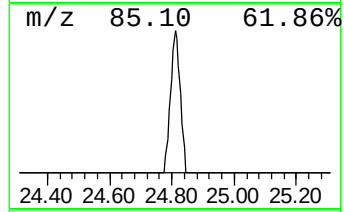
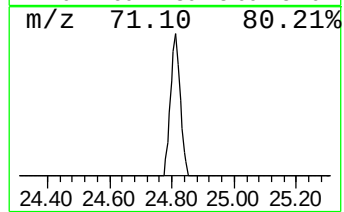
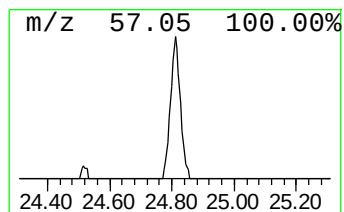
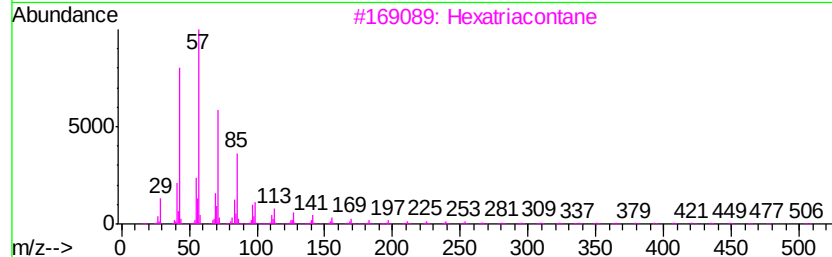
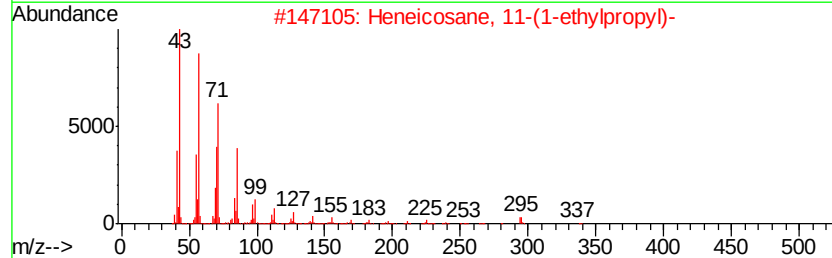
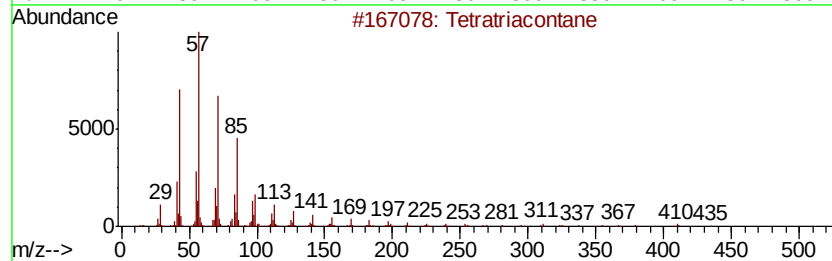
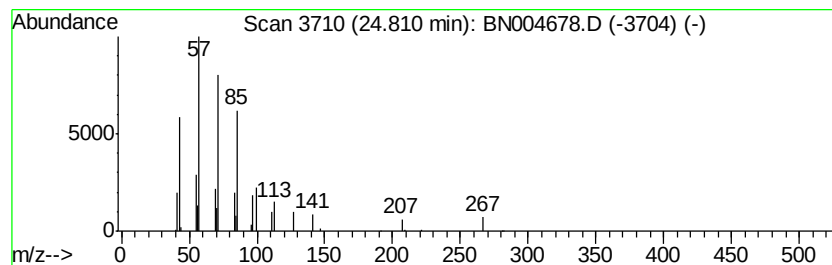
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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.
24.81	2.09 ng/ul	47363	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
3		Hexatriacontane	507	C36H74	000630-06-8	90
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Heptacosane	380	C27H56	000593-49-7	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.99	2.8	ng/ul	67910	4	17.11	484252	20.0
(DEL) Alkane: Str...	22.85	2.7	ng/ul	60299	6	23.56	454166	20.0
(DEL) Alkane: Str...	24.06	2.7	ng/ul	61122	6	23.56	454166	20.0
(DEL) Alkane: Str...	24.81	2.1	ng/ul	47363	6	23.56	454166	20.0