

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
 Data File : BN005562.D
 Acq On : 09 May 2019 12:23
 Operator : JU/SJ
 Sample : K2606-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5146

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	3.205	34	37	41	rBV	35798	44122	0.54%	0.061%
2	3.458	77	80	88	rVB	23777	40812	0.50%	0.056%
3	6.764	636	642	653	rBV	785863	1403624	17.31%	1.929%
4	6.928	664	670	680	rVB	650859	1018644	12.56%	1.400%
5	7.117	696	702	715	rBV	814216	1341937	16.55%	1.845%
6	7.581	774	781	790	rVB	689140	1126092	13.89%	1.548%
7	8.281	894	900	915	rBV	1089624	1904944	23.49%	2.619%
8	8.722	968	975	985	rBV	918969	1545977	19.07%	2.125%
9	9.158	1046	1049	1053	rVB2	8050	9187	0.11%	0.013%
10	9.440	1090	1097	1108	rBV	781436	1336681	16.48%	1.837%
11	9.975	1181	1188	1205	rBV	1113558	2079945	25.65%	2.859%
12	10.340	1243	1250	1260	rBV	1019614	1737373	21.43%	2.388%
13	10.487	1267	1275	1294	rBV	1112770	2170527	26.77%	2.984%
14	11.963	1518	1526	1535	rVB4	12931	30506	0.38%	0.042%
15	12.563	1622	1628	1634	rBV5	6498	12717	0.16%	0.017%
16	12.828	1665	1673	1677	rVB4	8822	14993	0.18%	0.021%
17	13.122	1717	1723	1729	rBV	48625	74596	0.92%	0.103%
18	13.640	1804	1811	1815	rBV	2606110	3877461	47.82%	5.330%
19	13.681	1815	1818	1830	rVB	796088	1182431	14.58%	1.625%
20	13.910	1850	1857	1873	rBV	3024249	4591670	56.63%	6.312%
21	14.140	1893	1896	1903	rVB4	9427	12597	0.16%	0.017%
22	14.222	1903	1910	1921	rBV2	1616900	2535388	31.27%	3.485%
23	14.440	1941	1947	1967	rBV	817232	1837772	22.66%	2.526%
24	15.040	2044	2049	2056	rBV3	12152	20248	0.25%	0.028%
25	15.098	2056	2059	2065	rVB3	15503	17881	0.22%	0.025%
26	15.222	2073	2080	2094	rBV	3965008	5839971	72.02%	8.028%
27	15.363	2098	2104	2117	rVV	871973	1482774	18.29%	2.038%
28	15.463	2117	2121	2131	rVB	60175	105591	1.30%	0.145%
29	15.916	2193	2198	2201	rBV4	7967	12640	0.16%	0.017%
30	15.963	2202	2206	2209	rVV6	12083	17926	0.22%	0.025%
31	16.016	2209	2215	2221	rVB4	24060	45647	0.56%	0.063%
32	16.134	2231	2235	2240	rVB6	14052	16907	0.21%	0.023%
33	16.663	2319	2325	2330	rVB6	7452	13749	0.17%	0.019%
34	16.763	2337	2342	2347	rBV3	19286	30256	0.37%	0.042%

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35	16.981	2372	2379	2389	rBV	2144351	3238269	39.94%	4.451%
36	17.081	2389	2396	2411	rVB	4504714	6865211	84.66%	9.437%
37	17.228	2418	2421	2425	rVB5	7271	10404	0.13%	0.014%
38	17.287	2427	2431	2434	rBV5	5328	8400	0.10%	0.012%
39	17.387	2442	2448	2458	rBV10	14922	40147	0.50%	0.055%
40	17.498	2463	2467	2470	rBV4	12749	16128	0.20%	0.022%
41	17.675	2493	2497	2501	rVB6	10435	14868	0.18%	0.020%
42	17.781	2509	2515	2520	rBV9	8405	22463	0.28%	0.031%
43	17.898	2530	2535	2552	rBV	542657	1037383	12.79%	1.426%
44	18.198	2582	2586	2588	rBV4	22043	25329	0.31%	0.035%
45	18.334	2604	2609	2611	rBV4	7917	10364	0.13%	0.014%
46	18.610	2654	2656	2661	rVB6	8174	11622	0.14%	0.016%
47	18.669	2661	2666	2668	rBV5	10895	18784	0.23%	0.026%
48	18.710	2671	2673	2676	rBV4	6070	8390	0.10%	0.012%
49	18.839	2692	2695	2701	rBV3	46194	70709	0.87%	0.097%
50	18.957	2713	2715	2719	rVB5	9410	9988	0.12%	0.014%
51	19.028	2722	2727	2730	rBV	49052	68851	0.85%	0.095%
52	19.069	2730	2734	2735	rBV4	13239	17930	0.22%	0.025%
53	19.198	2751	2756	2765	rBV3	128381	263179	3.25%	0.362%
54	19.275	2766	2769	2778	rVV	68720	123962	1.53%	0.170%
55	19.351	2779	2782	2783	rVV2	24073	29219	0.36%	0.040%
56	19.392	2783	2789	2799	rVV	5961352	8108690	100.00%	11.146%
57	19.463	2799	2801	2808	rVV5	43825	71266	0.88%	0.098%
58	19.534	2811	2813	2816	rVB4	12809	13034	0.16%	0.018%
59	19.634	2827	2830	2833	rBV5	9880	12397	0.15%	0.017%
60	19.969	2884	2887	2891	rVB	64972	74584	0.92%	0.103%
61	20.151	2916	2918	2919	rBV2	9823	9294	0.11%	0.013%
62	20.269	2935	2938	2941	rBV5	40320	42696	0.53%	0.059%
63	20.351	2945	2952	2964	rBV	523900	794338	9.80%	1.092%
64	20.475	2969	2973	2977	rVB2	81670	96419	1.19%	0.133%
65	20.939	3048	3052	3069	rBV	593884	1108599	13.67%	1.524%
66	21.139	3084	3086	3089	rBV3	21509	28721	0.35%	0.039%
67	21.216	3093	3099	3113	rVV	2179138	3153481	38.89%	4.335%
68	21.339	3116	3120	3124	rVV5	60921	90434	1.12%	0.124%
69	21.392	3125	3129	3133	rVB	131845	155034	1.91%	0.213%
70	21.822	3199	3202	3206	rBV	146373	169511	2.09%	0.233%
71	22.280	3276	3280	3289	rVB	192730	267282	3.30%	0.367%

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72	22.404	3298	3301	3305	rVB2	84766	106703	1.32%	0.147%
73	22.775	3360	3364	3372	rVB	191961	270655	3.34%	0.372%
74	23.286	3443	3451	3457	rBV	2907914	5655072	69.74%	7.773%
75	23.422	3467	3474	3488	rVB2	1257710	2604844	32.12%	3.581%
76	23.957	3560	3565	3571	rVB2	144139	267049	3.29%	0.367%
77	24.680	3683	3688	3697	rVB3	101605	203777	2.51%	0.280%

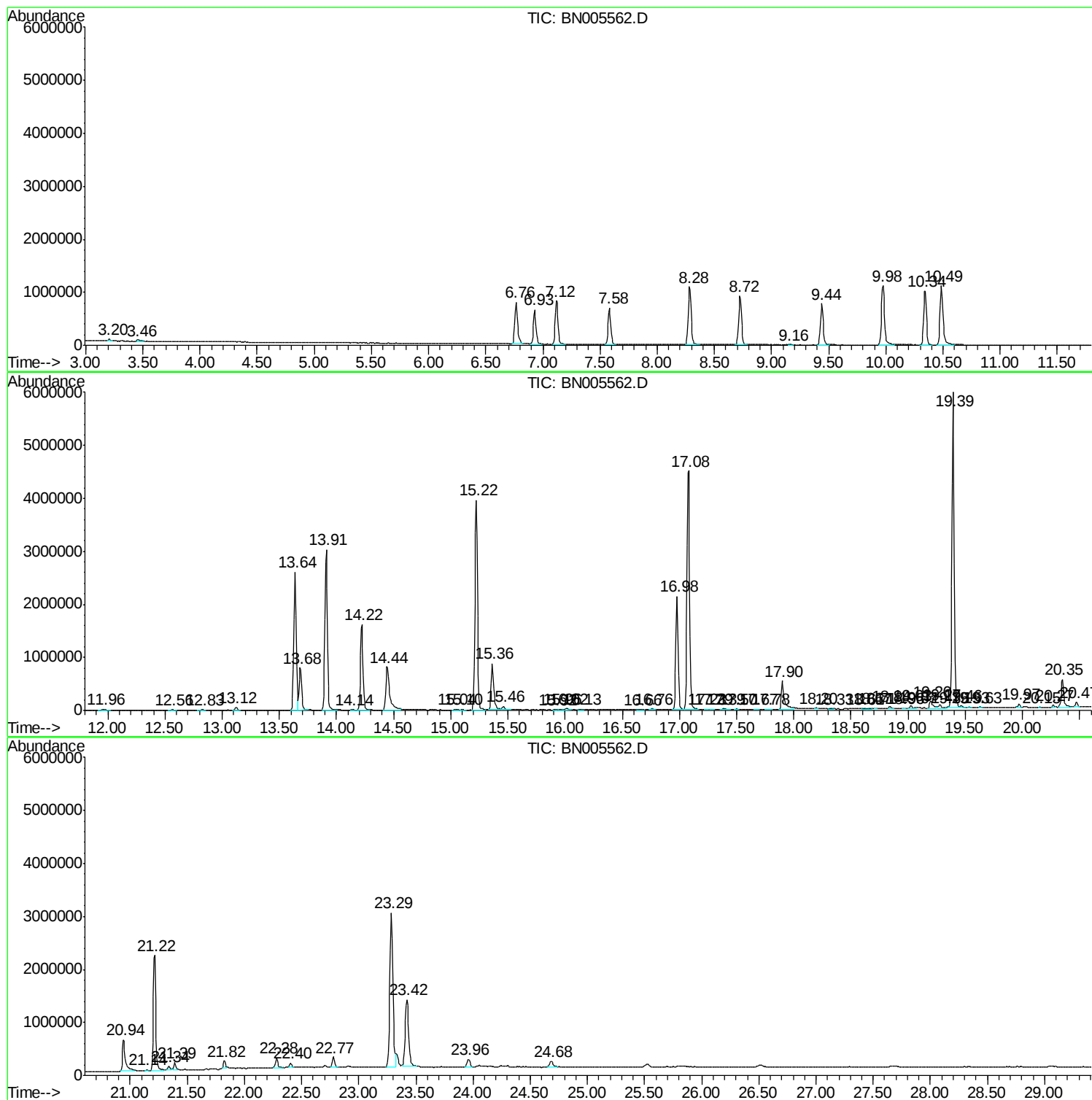
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
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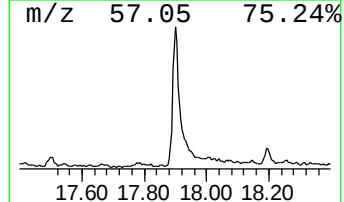
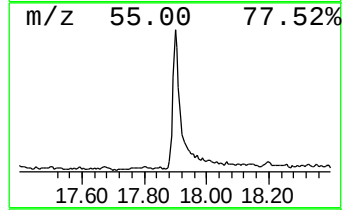
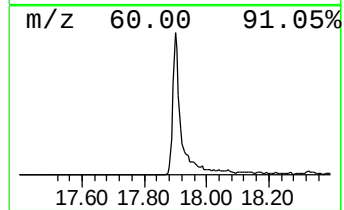
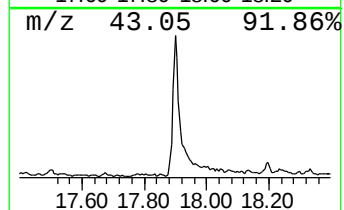
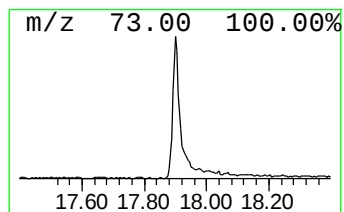
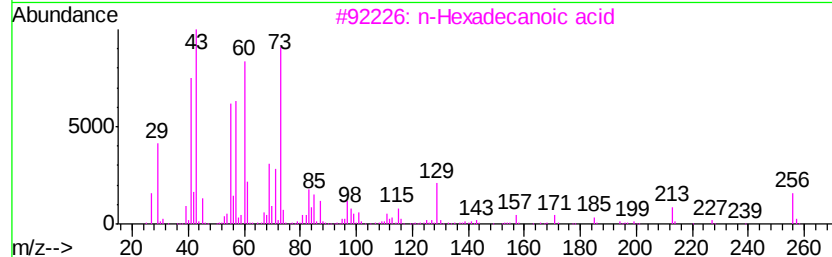
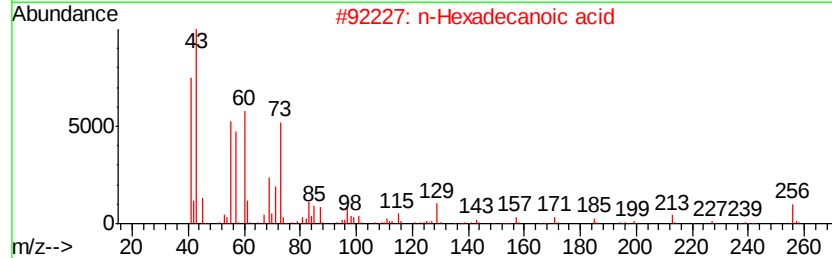
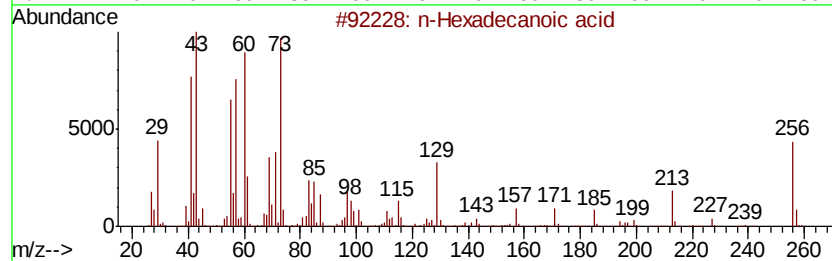
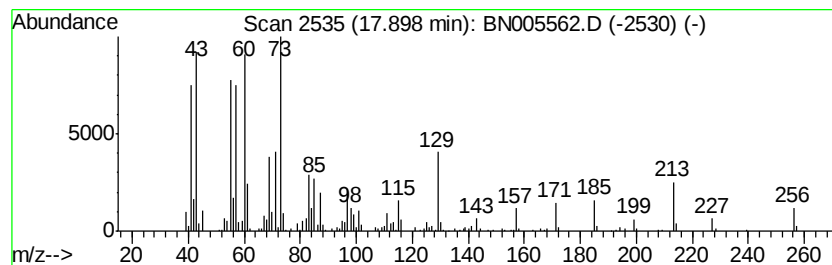
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.90	6.41 ng/ul	1037380	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			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	80



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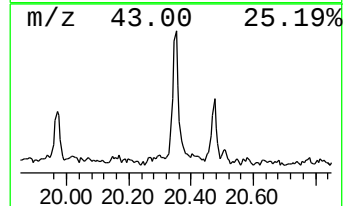
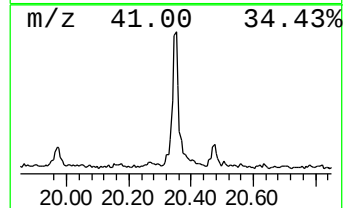
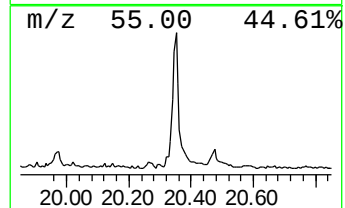
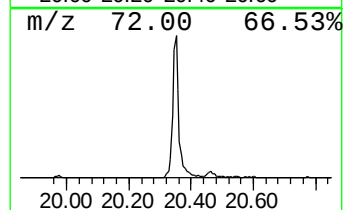
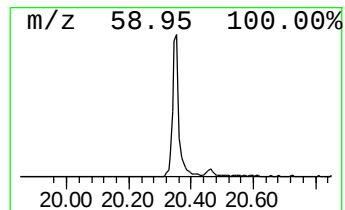
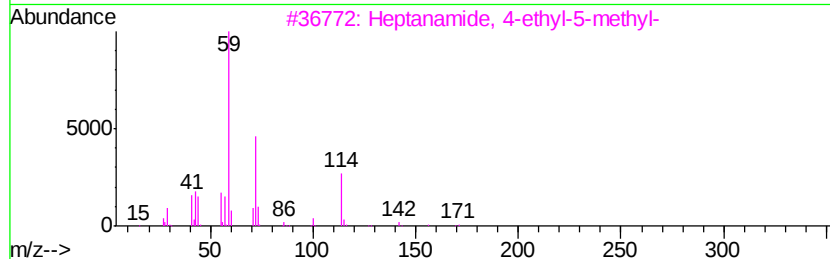
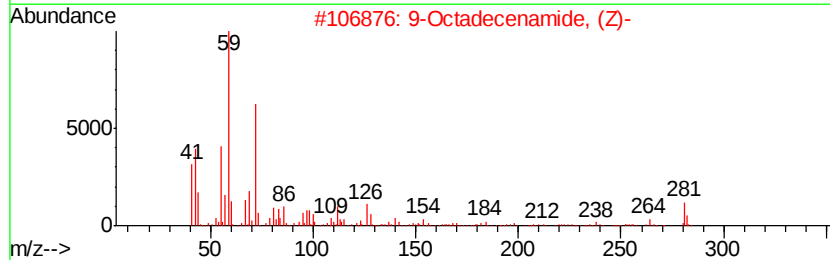
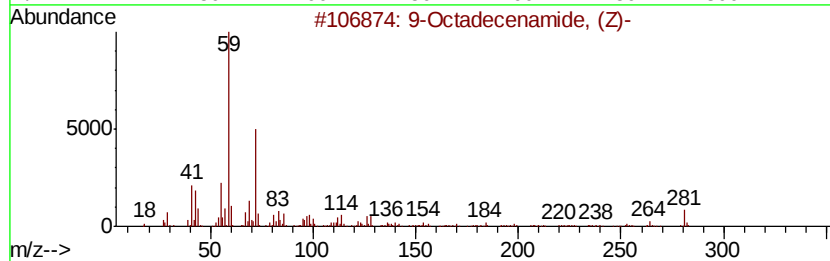
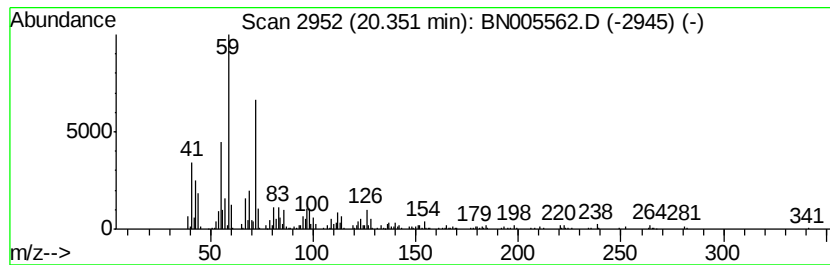
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.35	5.04 ng/ul	794338	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	81
3		Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	59
4		Dodecanamide	199	C12H25NO	001120-16-7	53
5		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	53



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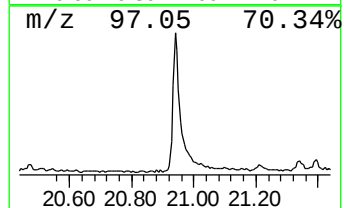
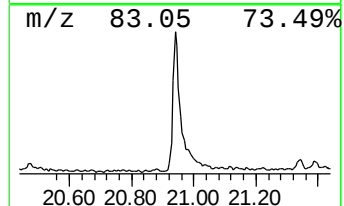
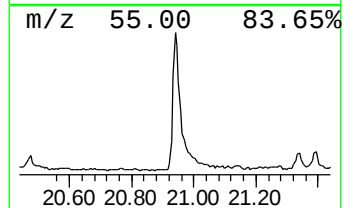
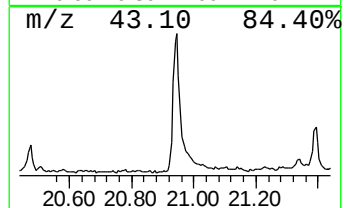
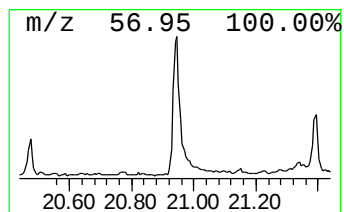
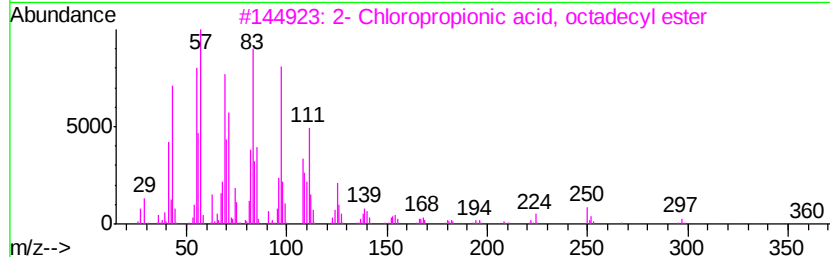
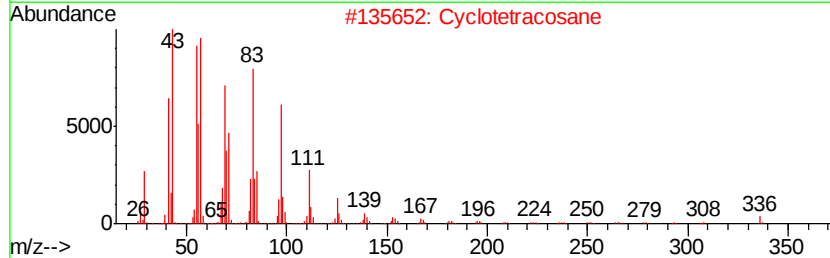
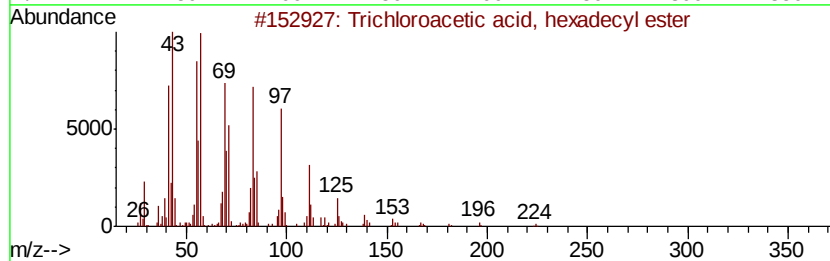
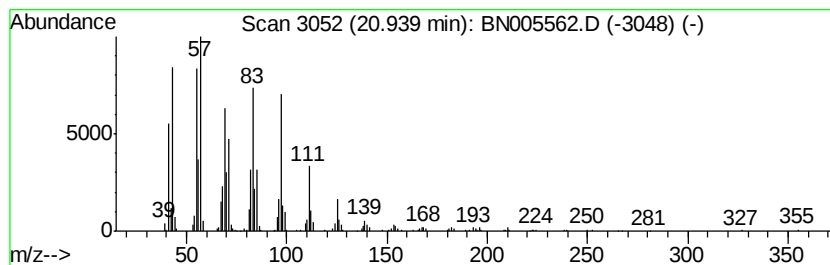
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Trichloroacetic acid, hexad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	7.03 ng/ul	1108600	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2		Cyclotetracosane	336	C24H48	000297-03-0	91
3		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
4		1-Docosene	308	C22H44	001599-67-3	91
5		1-Tricosene	322	C23H46	018835-32-0	91



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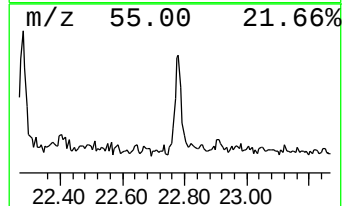
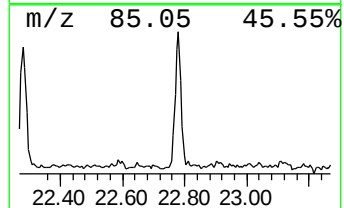
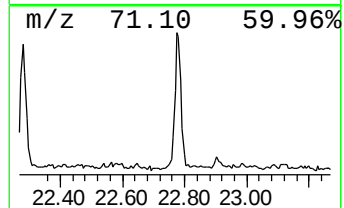
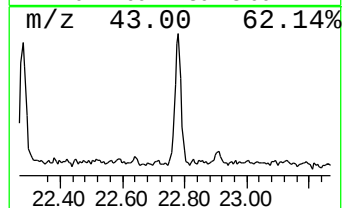
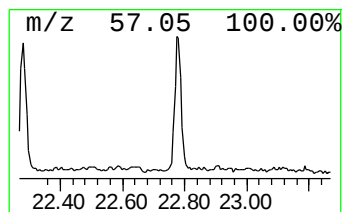
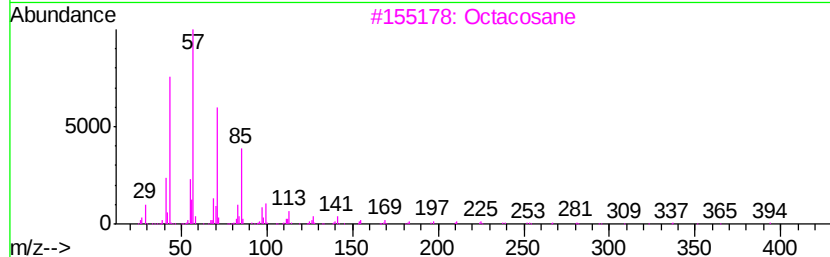
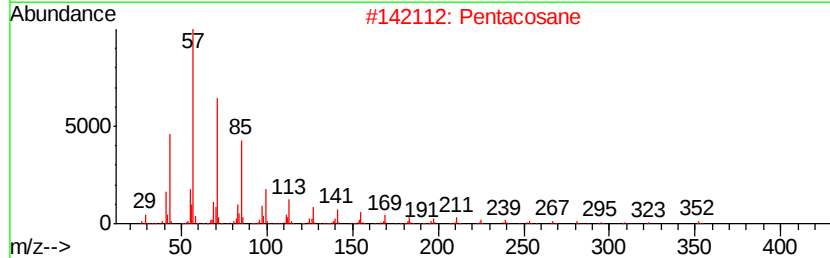
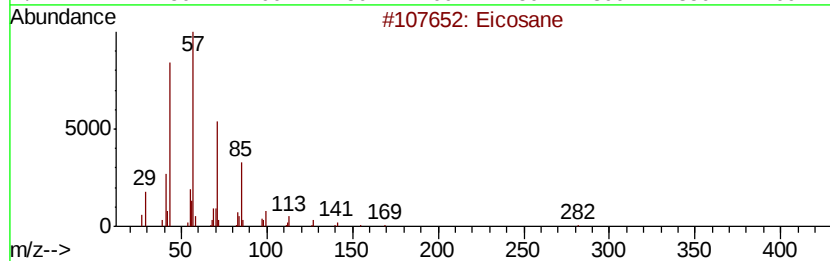
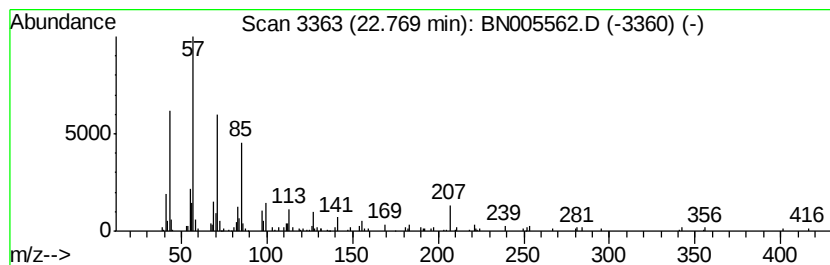
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Quant Title : SVOA CALIBRATION

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.
22.77	2.08 ng/ul	270655	Perylene-d12	23.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	94
2	Pentacosane		352	C25H52	000629-99-2	90
3	Octacosane		394	C28H58	000630-02-4	90
4	Tetratetracontane		619	C44H90	007098-22-8	90
5	triacontane		422	C30H62	000638-68-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005562.D
Acq On : 09 May 2019 12:23
Operator : JU/SJ
Sample : K2606-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5146

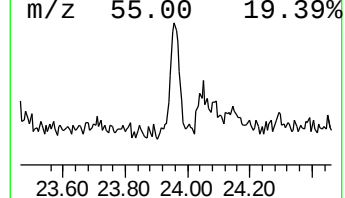
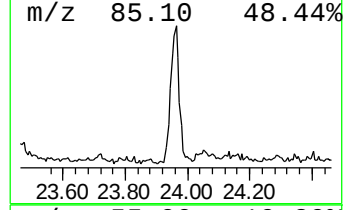
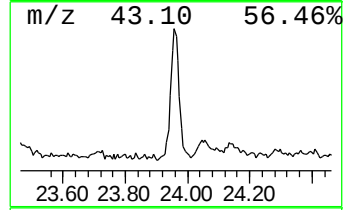
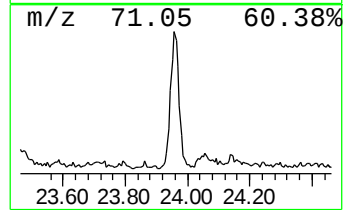
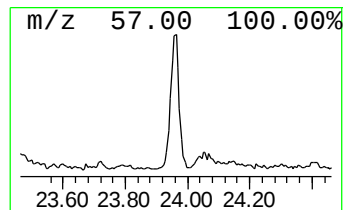
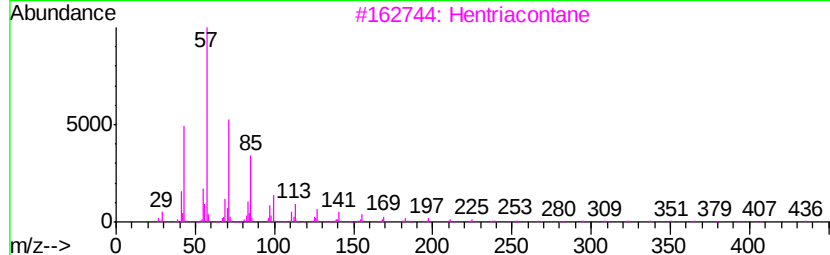
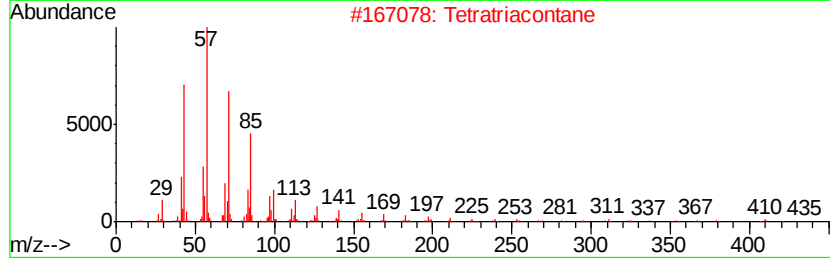
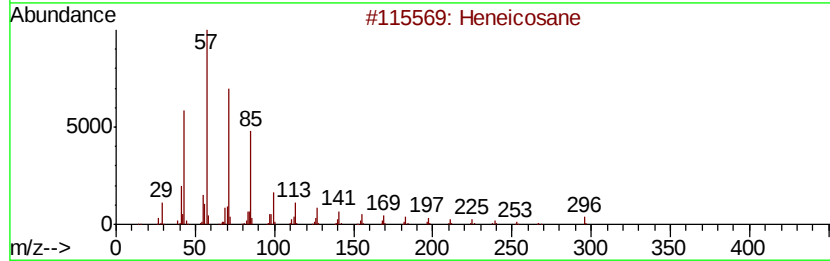
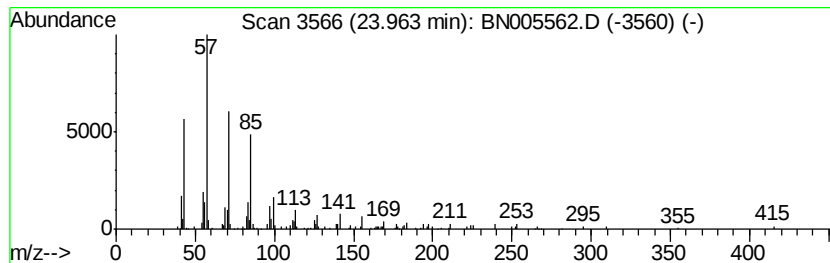
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	2.05 ng/ul	267049	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Tetratriacontane	479	C34H70	014167-59-0	90
3		Hentriacontane	437	C31H64	000630-04-6	90
4		Docosane	310	C22H46	000629-97-0	90
5		Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050919\
Data File : BN005562.D
Acq On : 09 May 2019 12:23
Operator : JU/SJ
Sample : K2606-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5146

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	17.90	6.4	ng/ul	1037380	4	16.98	3238270	20.0
9-Octadecenamide,...	20.35	5.0	ng/ul	794338	5	21.22	3153480	20.0
Trichloroacetic a...	20.94	7.0	ng/ul	1108600	5	21.22	3153480	20.0
(DEL) Alkane: Str...	22.77	2.1	ng/ul	270655	6	23.42	2604840	20.0
(DEL) Alkane: Str...	23.96	2.0	ng/ul	267049	6	23.42	2604840	20.0