

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
 Data File : BN004667.D
 Acq On : 08 Mar 2019 08:57
 Operator : JU/SJ
 Sample : K1662-09
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFC63

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	37	40	46	rVB	3045	4339	0.61%	0.056%
2	4.846	311	316	324	rVB3	1646	3929	0.55%	0.050%
3	6.881	657	662	672	rBB2	65051	111685	15.69%	1.431%
4	7.063	687	693	701	rBB	52710	80853	11.36%	1.036%
5	7.252	719	725	731	rBB	75131	111334	15.64%	1.427%
6	7.722	799	805	811	rBB	111144	169554	23.83%	2.173%
7	8.416	917	923	930	rBB	101115	151801	21.33%	1.945%
8	8.475	930	933	935	rBB	964	1064	0.15%	0.014%
9	8.881	996	1002	1009	rBB	75242	114904	16.15%	1.472%
10	9.240	1060	1063	1065	rBB	1516	1588	0.22%	0.020%
11	9.593	1118	1123	1129	rBB	54533	83189	11.69%	1.066%
12	10.122	1207	1213	1219	rBB	112747	169500	23.82%	2.172%
13	10.504	1271	1278	1284	rBV	176896	292282	41.07%	3.745%
14	10.551	1284	1286	1291	rVB	3323	4571	0.64%	0.059%
15	10.646	1296	1302	1311	rBB	108390	172244	24.20%	2.207%
16	11.516	1446	1450	1455	rBB	3204	4626	0.65%	0.059%
17	12.093	1546	1548	1550	rBB	882	876	0.12%	0.011%
18	12.169	1559	1561	1564	rBB	1226	1354	0.19%	0.017%
19	12.393	1596	1599	1601	rBB	1273	1525	0.21%	0.020%
20	13.192	1732	1735	1737	rBB	1535	1304	0.18%	0.017%
21	13.281	1748	1750	1753	rBB	1417	1603	0.23%	0.021%
22	13.769	1828	1833	1838	rBV	226339	301277	42.33%	3.861%
23	13.816	1838	1841	1846	rVB	21937	25492	3.58%	0.327%
24	14.051	1875	1881	1889	rBB	253422	375311	52.74%	4.809%
25	14.363	1928	1934	1940	rBB2	292635	435341	61.17%	5.578%
26	14.557	1963	1967	1973	rBB	35236	49077	6.90%	0.629%
27	15.357	2097	2103	2109	rBB	334886	473304	66.51%	6.065%
28	15.410	2110	2112	2114	rBB	889	813	0.11%	0.010%
29	15.475	2119	2123	2127	rBB	12421	14764	2.07%	0.189%
30	15.592	2141	2143	2146	rBB	2052	1933	0.27%	0.025%
31	16.763	2339	2342	2345	rBB	1503	1651	0.23%	0.021%
32	16.892	2362	2364	2367	rBB	1184	1170	0.16%	0.015%
33	17.110	2395	2401	2406	rBV	382331	543332	76.35%	6.962%
34	17.151	2406	2408	2412	rVB	19849	20778	2.92%	0.266%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030719\
 Data File : BN004667.D
 Acq On : 08 Mar 2019 08:57
 Operator : JU/SJ
 Sample : K1662-09
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFC63

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

35	17.210	2412	2418	2424	rBV	375228	533846	75.01%	6.841%
36	17.875	2527	2531	2538	rBB	14654	17440	2.45%	0.223%
37	17.992	2547	2551	2562	rBV	57443	79208	11.13%	1.015%
38	18.069	2562	2564	2567	rVB	2306	2105	0.30%	0.027%
39	18.180	2579	2583	2585	rBB	1071	1445	0.20%	0.019%
40	18.486	2633	2635	2639	rBB2	1727	1603	0.23%	0.021%
41	18.527	2639	2642	2646	rBB	1082	1223	0.17%	0.016%
42	18.857	2691	2698	2702	rVB3	2649	5279	0.74%	0.068%
43	18.916	2706	2708	2712	rVB	812	895	0.13%	0.011%
44	19.139	2743	2746	2747	rBV	2489	2405	0.34%	0.031%
45	19.169	2747	2751	2756	rVB	22582	29104	4.09%	0.373%
46	19.275	2765	2769	2780	rBV	15013	21987	3.09%	0.282%
47	19.398	2784	2790	2793	rBV2	3681	6134	0.86%	0.079%
48	19.510	2803	2809	2819	rVB	516545	711663	100.00%	9.119%
49	19.951	2880	2884	2886	rBV	1389	1587	0.22%	0.020%
50	20.039	2895	2899	2902	rVB3	7716	7953	1.12%	0.102%
51	20.092	2905	2908	2910	rBV2	2007	2719	0.38%	0.035%
52	20.127	2910	2914	2917	rVV5	2302	3562	0.50%	0.046%
53	20.192	2923	2925	2931	rVB3	2967	4049	0.57%	0.052%
54	20.339	2947	2950	2951	rBV2	930	1137	0.16%	0.015%
55	20.380	2954	2957	2959	rBV2	1495	1590	0.22%	0.020%
56	20.404	2959	2961	2964	rBV2	1342	1858	0.26%	0.024%
57	20.492	2972	2976	2979	rVV3	2860	3352	0.47%	0.043%
58	20.539	2980	2984	2989	rVB	15183	15626	2.20%	0.200%
59	20.616	2995	2997	2999	rVB3	1049	780	0.11%	0.010%
60	20.774	3023	3024	3029	rBV	1060	1440	0.20%	0.018%
61	20.886	3039	3043	3045	rBV2	1352	1724	0.24%	0.022%
62	20.921	3045	3049	3051	rBV3	2058	2617	0.37%	0.034%
63	20.951	3051	3054	3057	rBV3	5663	7161	1.01%	0.092%
64	21.004	3058	3063	3070	rBV2	42862	59154	8.31%	0.758%
65	21.210	3092	3098	3105	rBV	7735	12535	1.76%	0.161%
66	21.304	3108	3114	3119	rBV	503110	642009	90.21%	8.227%
67	21.439	3133	3137	3144	rBV	38184	46897	6.59%	0.601%
68	21.874	3207	3211	3220	rBV	54631	66517	9.35%	0.852%
69	22.339	3285	3290	3297	rBV	68642	90541	12.72%	1.160%
70	22.468	3308	3312	3316	rBV	22667	32340	4.54%	0.414%
71	22.845	3371	3376	3381	rBV	75937	113445	15.94%	1.454%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030719\
Data File : BN004667.D
Acq On : 08 Mar 2019 08:57
Operator : JU/SJ
Sample : K1662-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFC63

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

72	23.363	3461	3464	3466	rBV2	4943	5966	0.84%	0.076%
73	23.415	3466	3473	3490	rVV2	349343	659369	92.65%	8.449%
74	23.563	3491	3498	3513	rVB	268188	493524	69.35%	6.324%
75	24.062	3577	3583	3592	rVB	70223	128366	18.04%	1.645%
76	24.810	3703	3710	3719	rVB	46858	101765	14.30%	1.304%
77	25.680	3851	3858	3866	rVB2	28112	67828	9.53%	0.869%
78	26.715	4027	4034	4043	rVB4	15975	49841	7.00%	0.639%
79	27.921	4233	4239	4250	rVB6	9692	33972	4.77%	0.435%

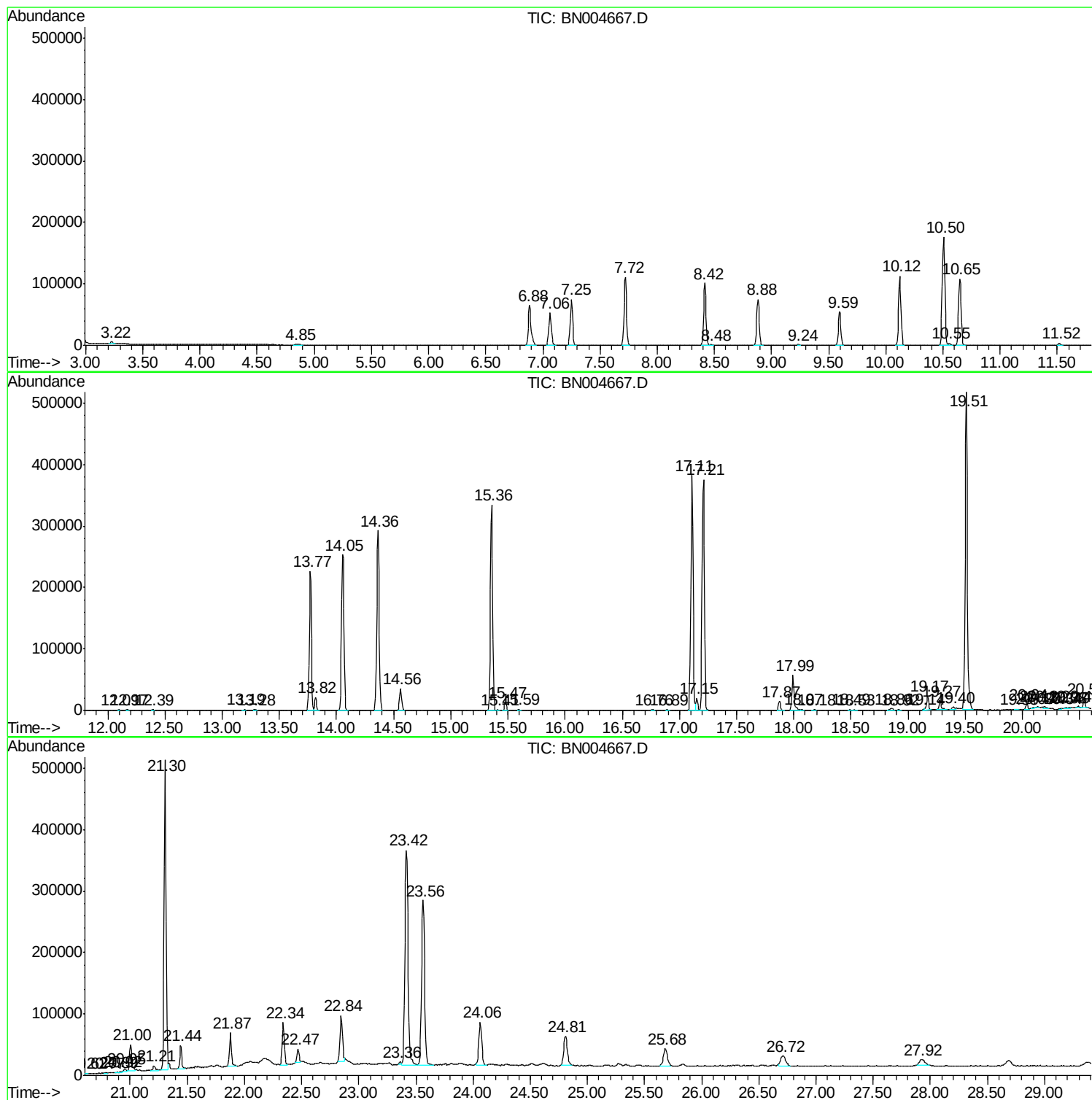
Sum of corrected areas: 7803929

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
Data File : BN004667.D
Acq On : 08 Mar 2019 08:57
Operator : JU/SJ
Sample : K1662-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
BFC63

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
Data File : BN004667.D
Acq On : 08 Mar 2019 08:57
Operator : JU/SJ
Sample : K1662-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

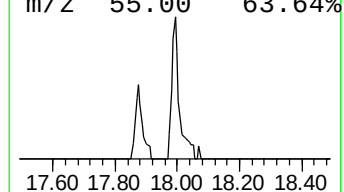
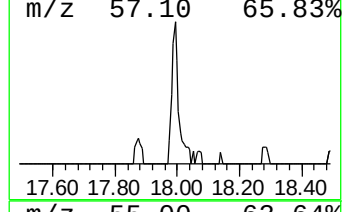
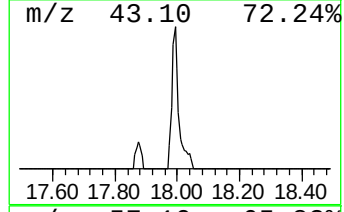
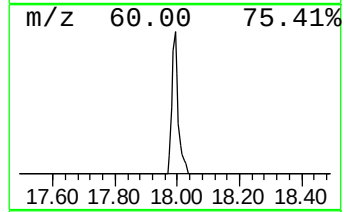
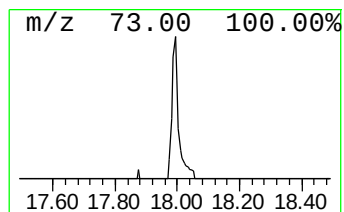
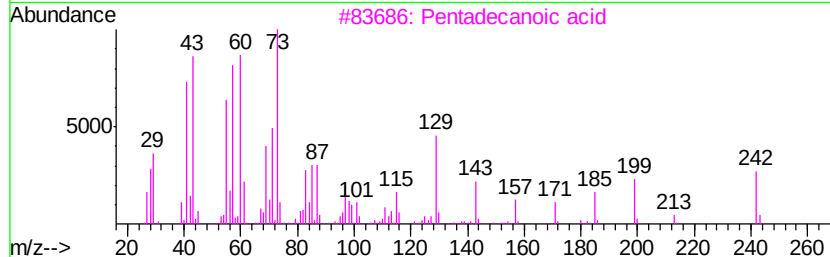
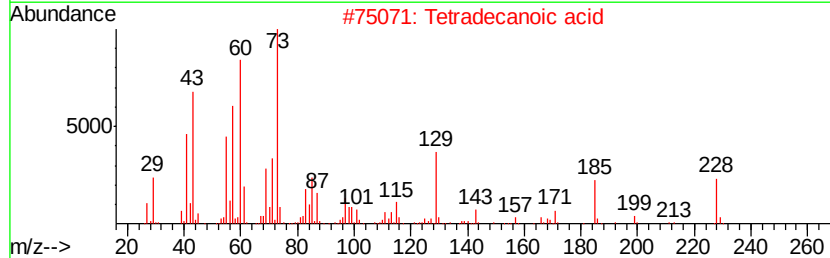
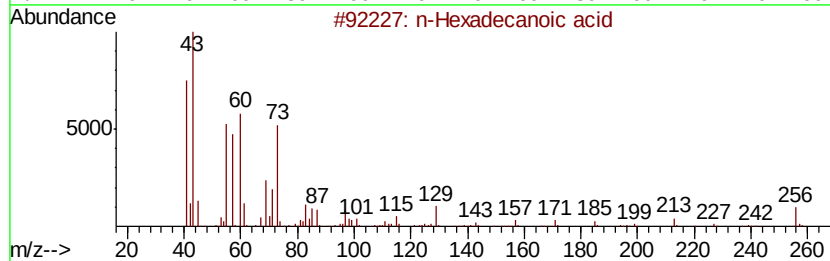
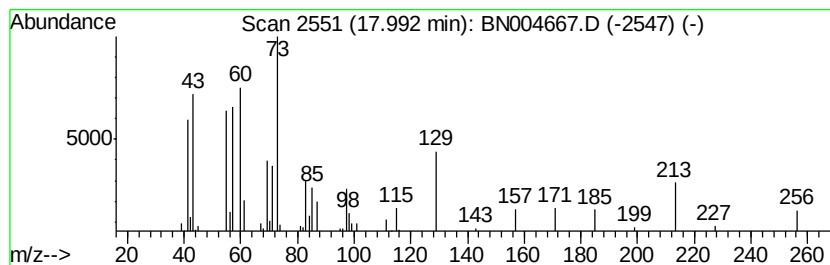
Instrument :
BNA_N
ClientSampleId :
BFC63

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 4

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.99	2.92 ng/ul	79208	Phenanthrene-d10		17.11		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			Tridecanoic acid	214	C13H26O2	000638-53-9	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
Data File : BN004667.D
Acq On : 08 Mar 2019 08:57
Operator : JU/SJ
Sample : K1662-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFC63

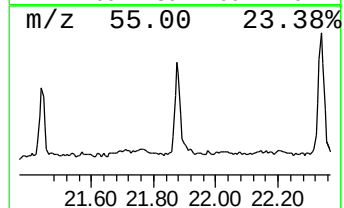
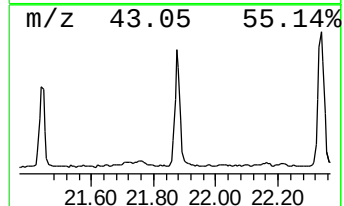
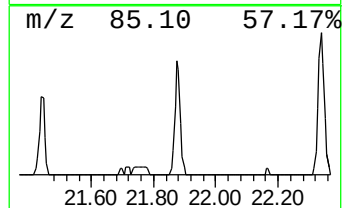
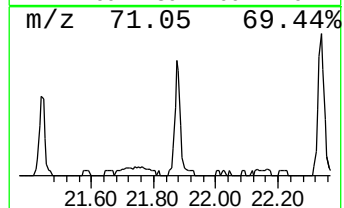
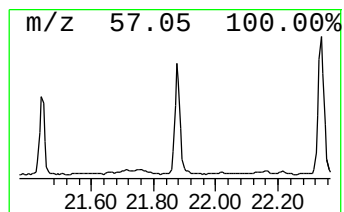
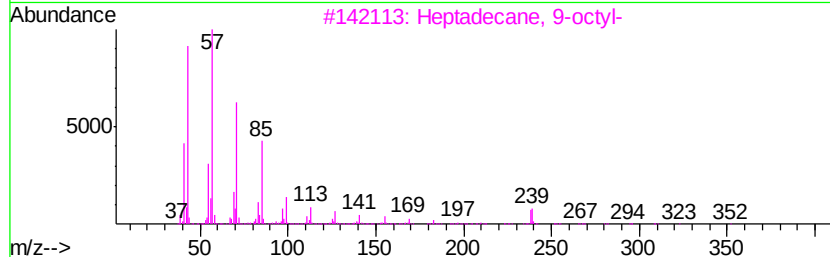
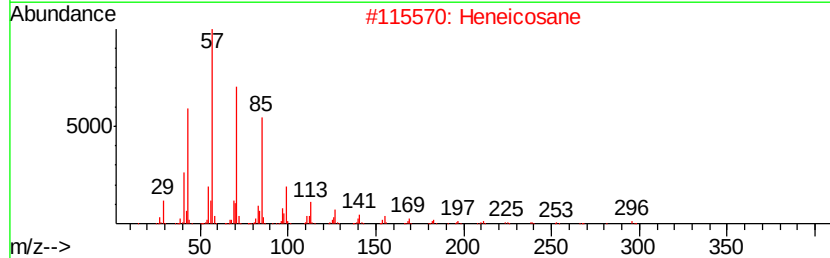
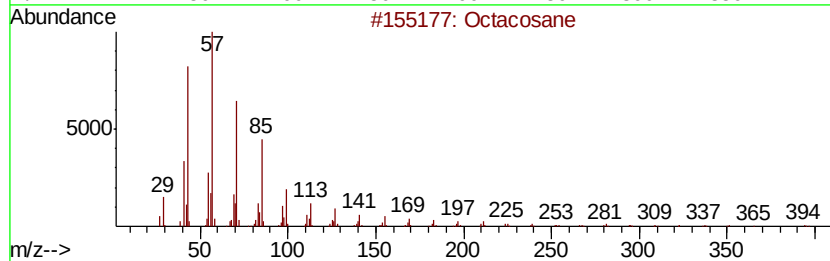
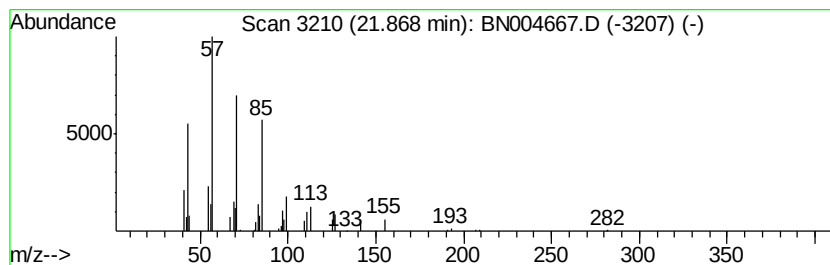
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	2.07 ng/ul	66517	Chrysene-d12	21.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Tetratriacontane	479	C34H70	014167-59-0	91
5		triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
Data File : BN004667.D
Acq On : 08 Mar 2019 08:57
Operator : JU/SJ
Sample : K1662-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFC63

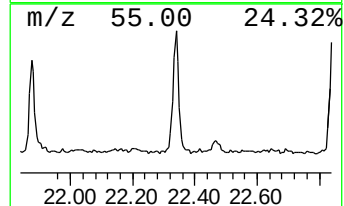
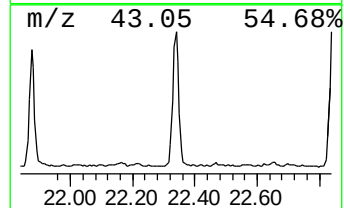
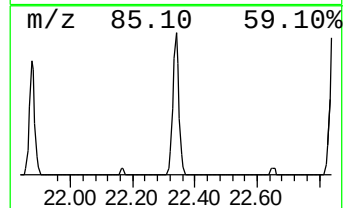
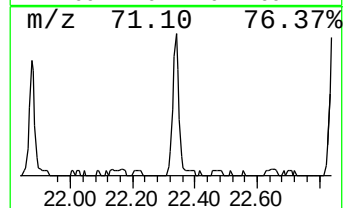
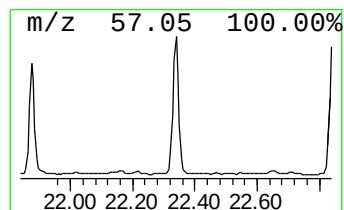
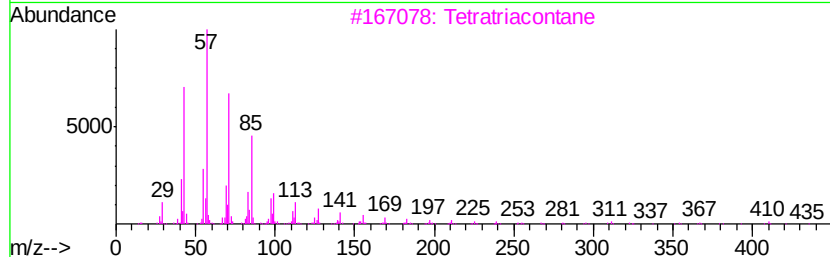
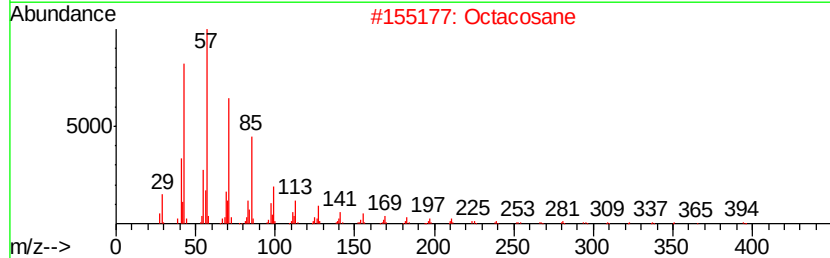
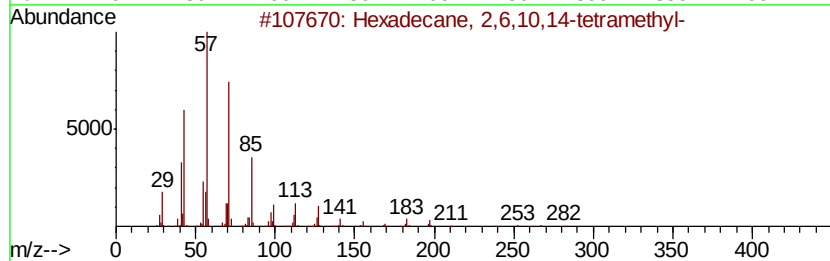
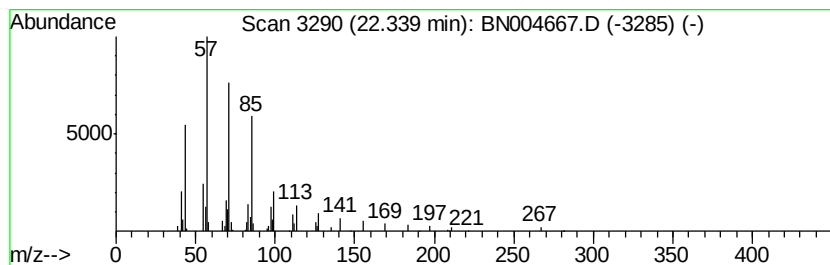
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.34	2.82 ng/ul	90541	Chrysene-d12	21.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	92
2		Octacosane	394	C28H58	000630-02-4	91
3		Tetratriacontane	479	C34H70	014167-59-0	91
4		triacontane	422	C30H62	000638-68-6	91
5		Pentacosane	352	C25H52	000629-99-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
Data File : BN004667.D
Acq On : 08 Mar 2019 08:57
Operator : JU/SJ
Sample : K1662-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFC63

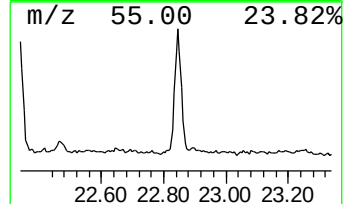
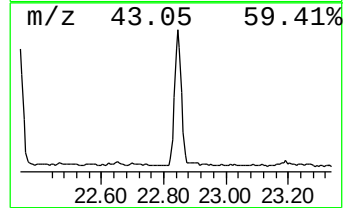
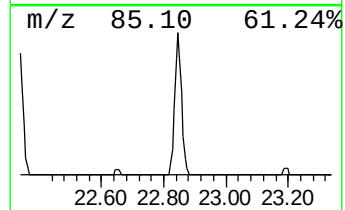
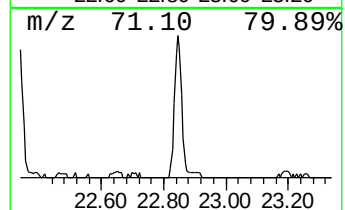
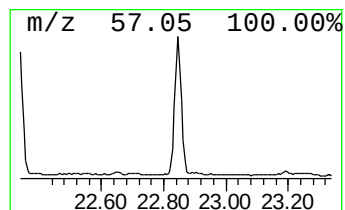
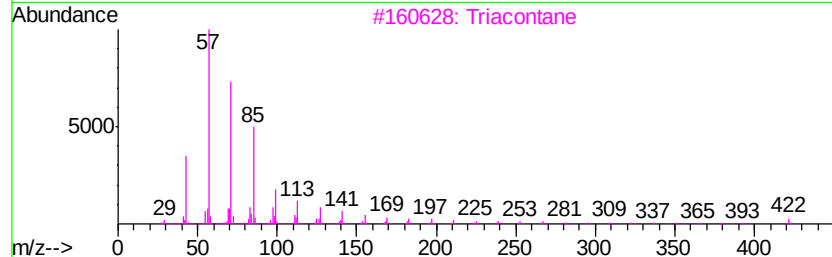
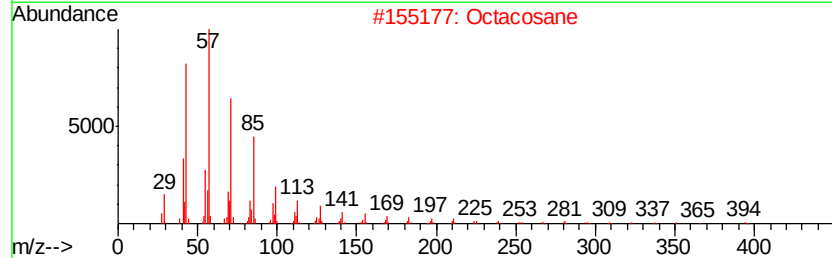
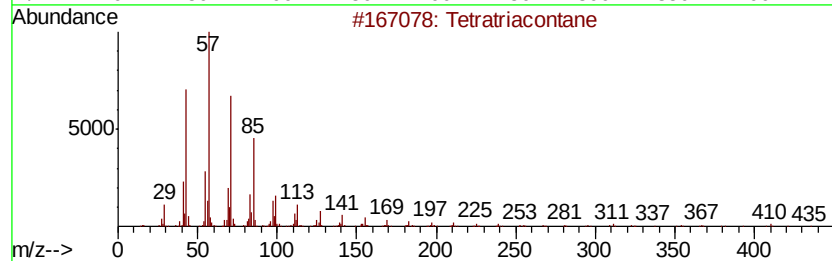
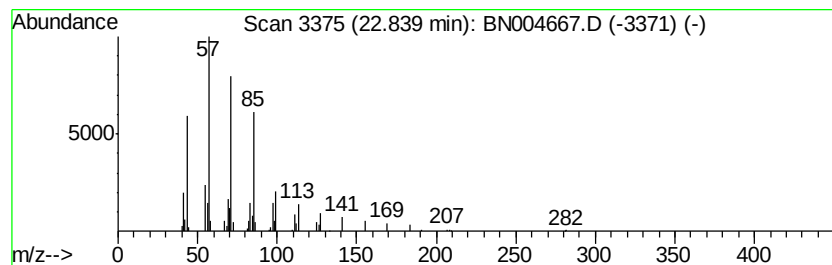
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	4.60 ng/ul	113445	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Hentriacontane	437	C31H64	000630-04-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
Data File : BN004667.D
Acq On : 08 Mar 2019 08:57
Operator : JU/SJ
Sample : K1662-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFC63

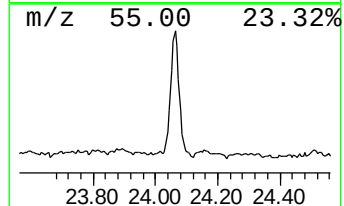
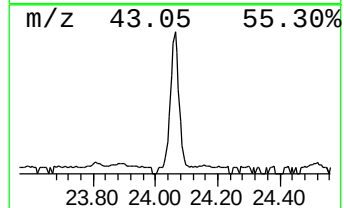
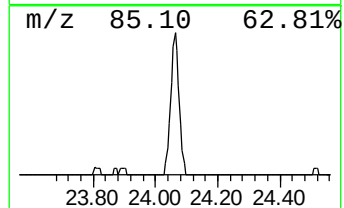
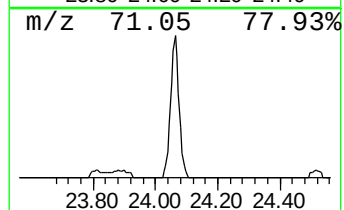
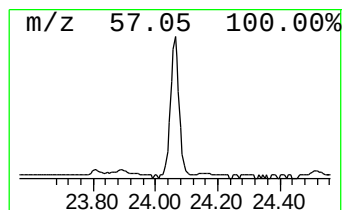
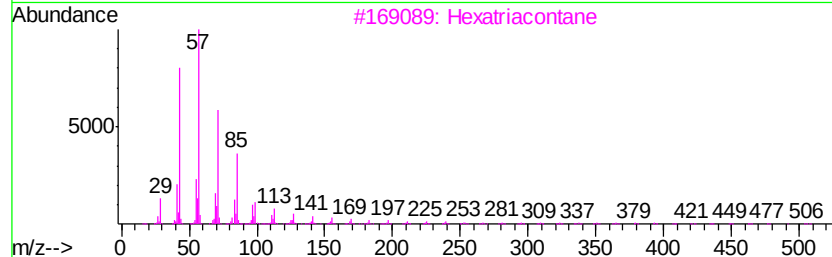
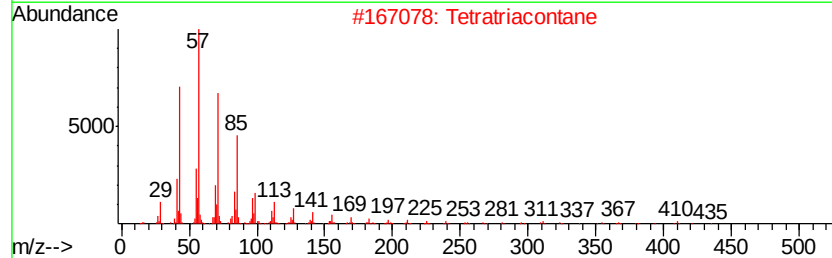
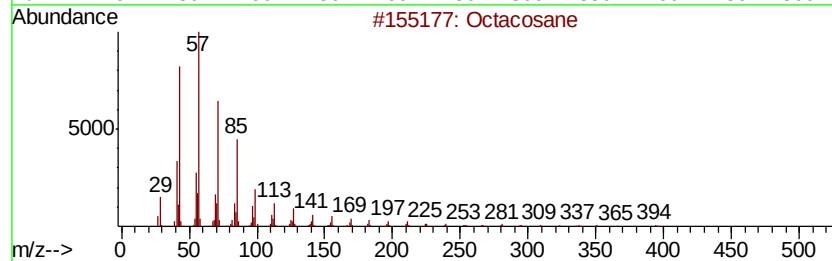
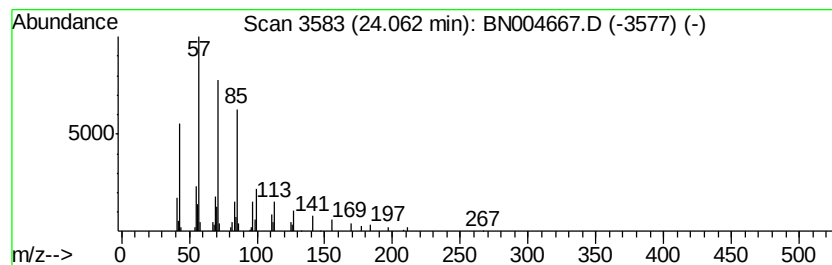
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	5.20 ng/ul	128366	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Tetratriacontane	479	C34H70	014167-59-0	91
3		Hexatriacontane	507	C36H74	000630-06-8	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030719\
Data File : BN004667.D
Acq On : 08 Mar 2019 08:57
Operator : JU/SJ
Sample : K1662-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFC63

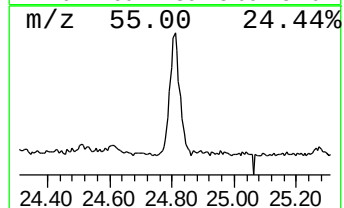
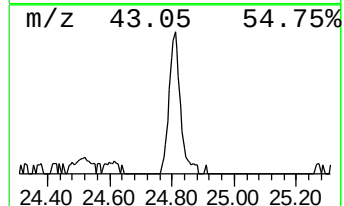
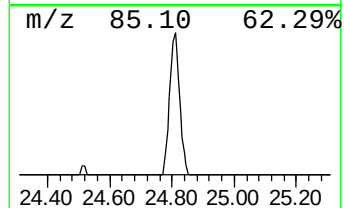
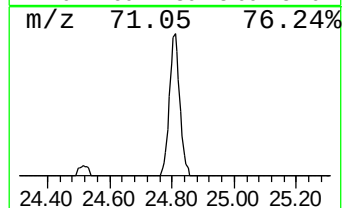
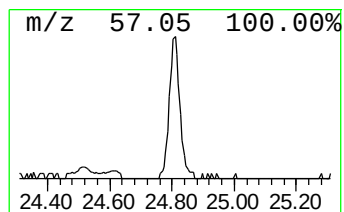
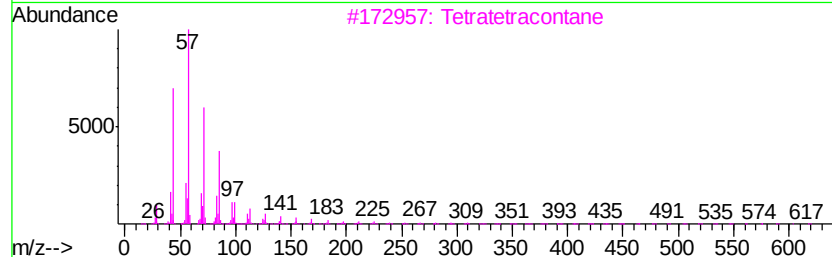
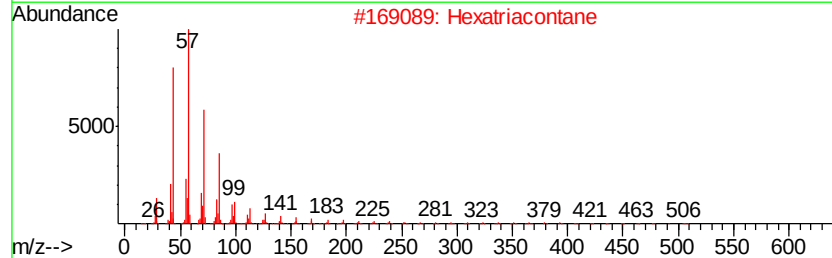
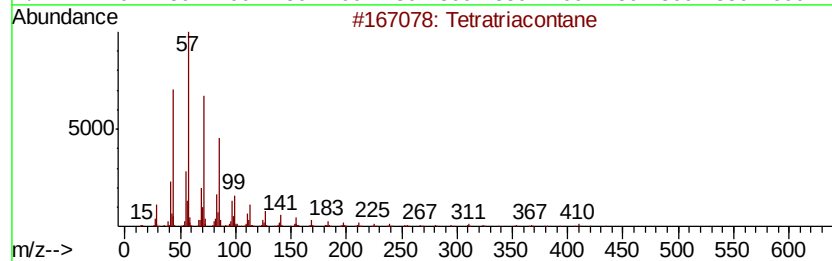
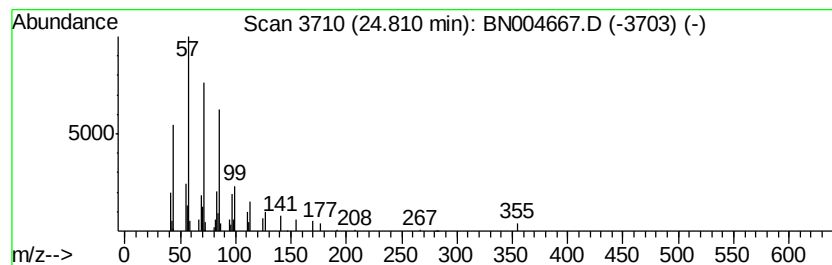
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.81	4.12 ng/ul	101765	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	91
2		Hexatriacontane	507	C36H74	000630-06-8	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Octacosane	394	C28H58	000630-02-4	87
5		Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
Data File : BN004667.D
Acq On : 08 Mar 2019 08:57
Operator : JU/SJ
Sample : K1662-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFC63

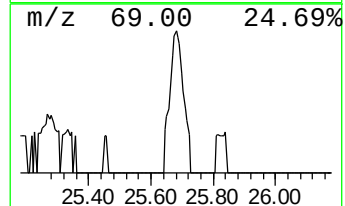
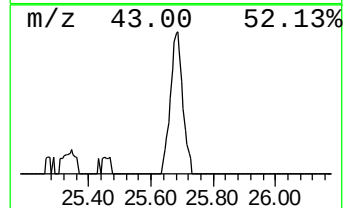
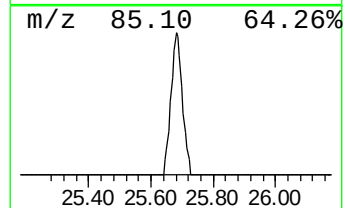
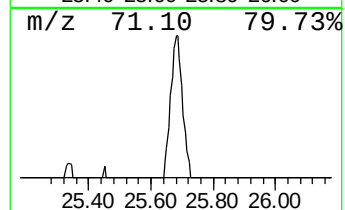
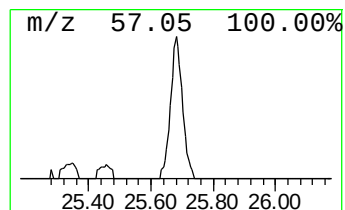
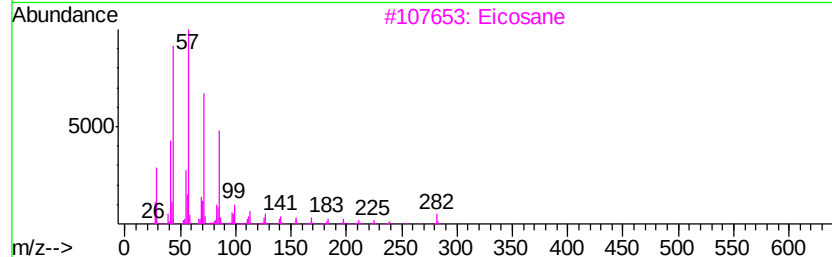
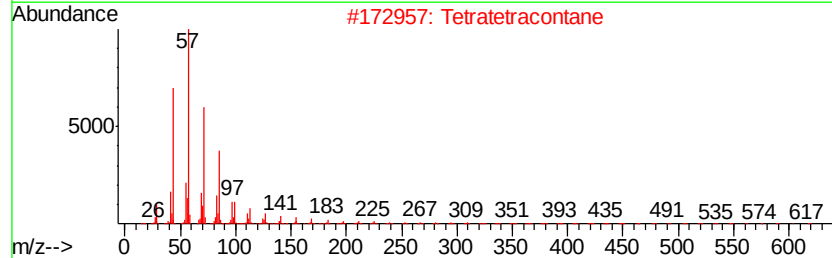
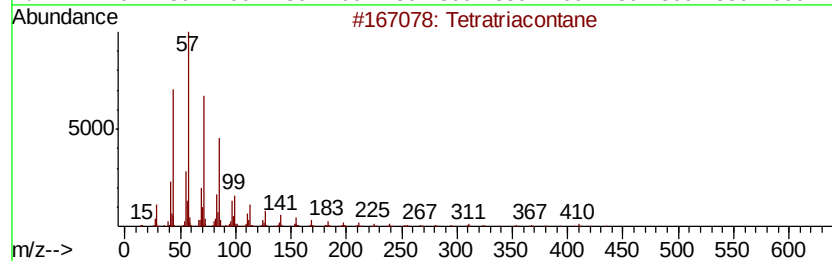
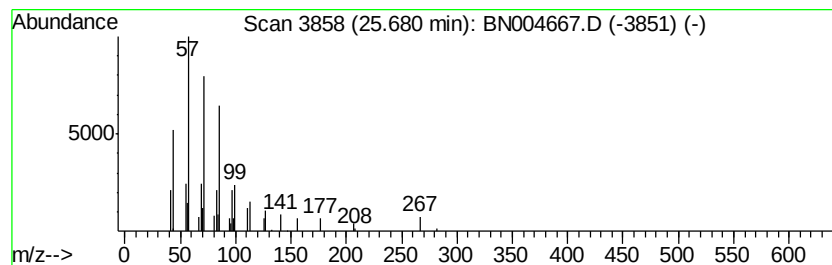
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.68	2.75 ng/ul	67828	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Eicosane	282	C20H42	000112-95-8	90
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Tetrapentacontane	759	C54H110	005856-66-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
Data File : BN004667.D
Acq On : 08 Mar 2019 08:57
Operator : JU/SJ
Sample : K1662-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFC63

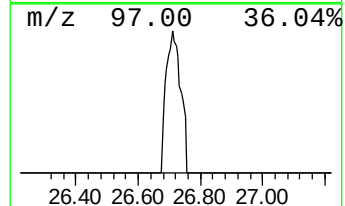
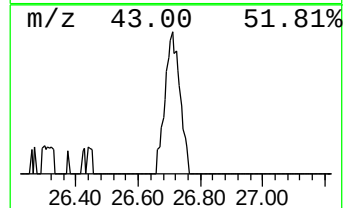
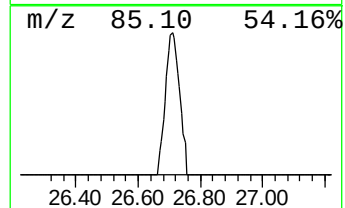
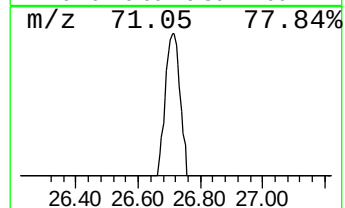
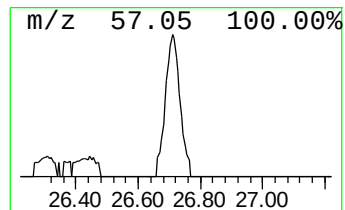
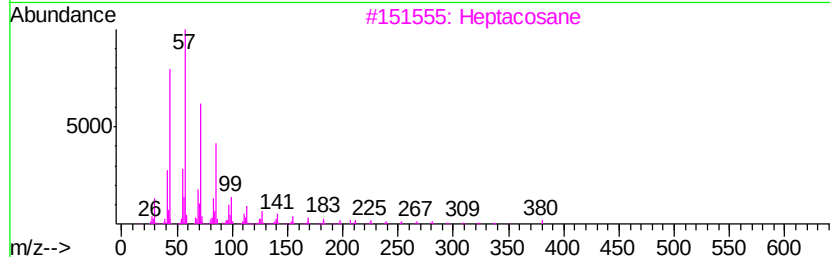
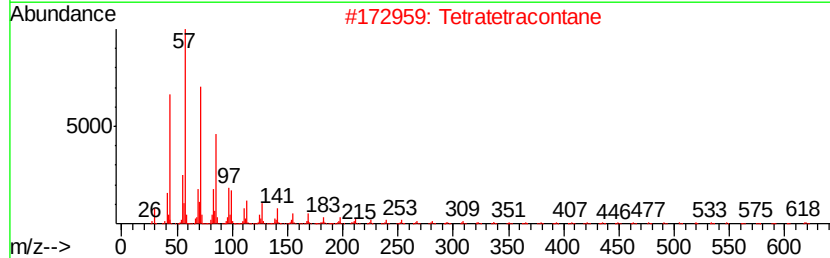
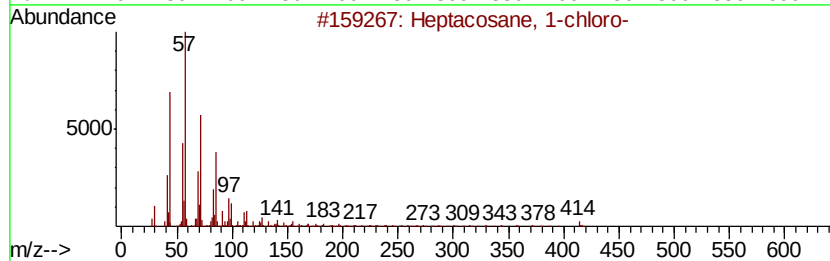
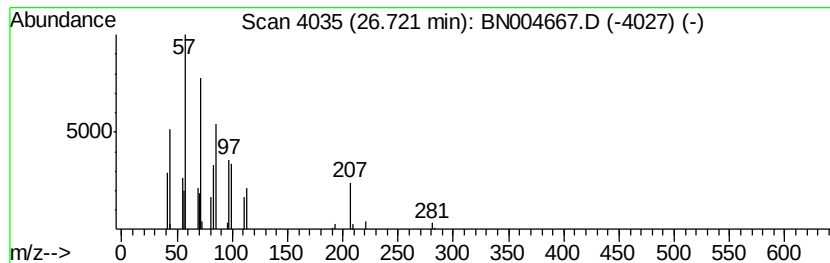
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 Heptacosane, 1-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.72	2.02 ng/ul	49841	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	72
2		Tetratetracontane	619	C44H90	007098-22-8	72
3		Heptacosane	380	C27H56	000593-49-7	64
4		Tetratetracontane	619	C44H90	007098-22-8	64
5		Hexatriacontane	507	C36H74	000630-06-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030719\
Data File : BN004667.D
Acq On : 08 Mar 2019 08:57
Operator : JU/SJ
Sample : K1662-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFC63

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.99	2.9	ng/ul	79208	4	17.11	543332	20.0
(DEL) Alkane: Str...	21.87	2.1	ng/ul	66517	5	21.30	642009	20.0
(DEL) Alkane: Str...	22.34	2.8	ng/ul	90541	5	21.30	642009	20.0
(DEL) Alkane: Str...	22.84	4.6	ng/ul	113445	6	23.56	493524	20.0
(DEL) Alkane: Str...	24.06	5.2	ng/ul	128366	6	23.56	493524	20.0
(DEL) Alkane: Str...	24.81	4.1	ng/ul	101765	6	23.56	493524	20.0
(DEL) Alkane: Str...	25.68	2.8	ng/ul	67828	6	23.56	493524	20.0
Heptacosane, 1-ch...	26.72	2.0	ng/ul	49841	6	23.56	493524	20.0