

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
 Data File : BN005293.D
 Acq On : 25 Apr 2019 23:00
 Operator : JU/SJ
 Sample : K2481-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHW5

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	47	rVB	115982	154363	0.93%	0.091%
2	3.911	155	157	162	rVB3	16522	22791	0.14%	0.013%
3	5.722	461	465	469	rVB3	22364	31907	0.19%	0.019%
4	6.775	637	644	654	rBV	2073242	3296483	19.76%	1.943%
5	6.940	666	672	684	rVB	1650931	2571874	15.41%	1.516%
6	7.134	698	705	712	rBV	2025231	3235615	19.39%	1.907%
7	7.593	776	783	791	rBV	1725231	2662654	15.96%	1.569%
8	7.664	791	795	802	rVB2	46067	69441	0.42%	0.041%
9	8.293	894	902	914	rBV	2726335	4313430	25.85%	2.542%
10	8.734	969	977	987	rBV	2151519	3459591	20.73%	2.039%
11	8.916	1003	1008	1016	rVB7	8925	17684	0.11%	0.010%
12	9.187	1049	1054	1058	rVB	43200	63216	0.38%	0.037%
13	9.446	1089	1098	1108	rBV	1745738	2894026	17.34%	1.706%
14	9.975	1181	1188	1202	rBV	2669865	4498573	26.96%	2.651%
15	10.357	1245	1253	1260	rBV	2434300	4053223	24.29%	2.389%
16	10.493	1267	1276	1287	rBV	2756676	4696183	28.14%	2.768%
17	10.734	1309	1317	1322	rBV5	19552	44440	0.27%	0.026%
18	11.957	1517	1525	1535	rVB2	40540	87248	0.52%	0.051%
19	13.069	1709	1714	1717	rBV4	14351	21189	0.13%	0.012%
20	13.140	1722	1726	1730	rVV5	10416	19483	0.12%	0.011%
21	13.193	1730	1735	1740	rVB3	8651	17337	0.10%	0.010%
22	13.646	1804	1812	1816	rBV	5645953	7831019	46.93%	4.615%
23	13.693	1816	1820	1827	rVB	1325975	1775271	10.64%	1.046%
24	13.916	1851	1858	1869	rBV	6174037	8976601	53.80%	5.291%
25	14.157	1894	1899	1903	rBV3	15409	20991	0.13%	0.012%
26	14.228	1903	1911	1921	rBV2	3784437	5820060	34.88%	3.430%
27	14.434	1938	1946	1971	rBV	2699490	4181084	25.06%	2.464%
28	14.593	1971	1973	1979	rVV6	12504	18791	0.11%	0.011%
29	14.669	1981	1986	1993	rVB8	16603	30713	0.18%	0.018%
30	15.110	2058	2061	2065	rBV3	20450	23258	0.14%	0.014%
31	15.228	2074	2081	2090	rBV	7809713	11146543	66.80%	6.570%
32	15.351	2094	2102	2117	rBV	2765149	3737454	22.40%	2.203%
33	15.463	2117	2121	2127	rVB	99467	139036	0.83%	0.082%
34	15.910	2192	2197	2200	rBV5	16862	26517	0.16%	0.016%

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35	15.981	2204	2209	2211	rBV4	18851	29081	0.17%	0.017%
36	16.016	2211	2215	2221	rVB5	39146	66954	0.40%	0.039%
37	16.404	2279	2281	2288	rVB6	15059	20981	0.13%	0.012%
38	16.663	2321	2325	2330	rVB5	18654	25640	0.15%	0.015%
39	16.769	2338	2343	2349	rBV3	35731	64546	0.39%	0.038%
40	16.981	2372	2379	2389	rBV	5344540	7507247	44.99%	4.425%
41	17.081	2389	2396	2408	rVV2	8968575	12634063	75.72%	7.446%
42	17.392	2446	2449	2454	rVB6	15409	25026	0.15%	0.015%
43	17.510	2466	2469	2473	rBV4	18498	17885	0.11%	0.011%
44	17.787	2511	2516	2520	rBV8	10620	20860	0.13%	0.012%
45	17.910	2531	2537	2553	rBV	1884332	3187741	19.10%	1.879%
46	18.210	2582	2588	2593	rBV6	37561	64286	0.39%	0.038%
47	18.586	2648	2652	2654	rBV5	13077	20366	0.12%	0.012%
48	18.851	2694	2697	2701	rVB	57430	63749	0.38%	0.038%
49	19.022	2721	2726	2730	rBV	120203	186605	1.12%	0.110%
50	19.081	2733	2736	2744	rVB7	48775	92330	0.55%	0.054%
51	19.210	2753	2758	2766	rBV	1361070	2139014	12.82%	1.261%
52	19.275	2766	2769	2776	rVV	185484	370807	2.22%	0.219%
53	19.392	2780	2789	2795	rVV2	11286424	15650814	93.80%	9.224%
54	19.439	2795	2797	2801	rVV	162387	185620	1.11%	0.109%
55	19.475	2801	2803	2807	rVB4	36533	39723	0.24%	0.023%
56	19.986	2886	2890	2893	rBV	266831	287968	1.73%	0.170%
57	20.310	2942	2945	2947	rBV4	21114	24434	0.15%	0.014%
58	20.357	2950	2953	2956	rVB4	35826	45763	0.27%	0.027%
59	20.422	2961	2964	2967	rBV4	34246	35013	0.21%	0.021%
60	20.486	2971	2975	2980	rVB	302110	319915	1.92%	0.189%
61	20.951	3049	3054	3061	rBV2	859207	1326060	7.95%	0.782%
62	21.210	3092	3098	3110	rBV	7084427	9227462	55.30%	5.438%
63	21.345	3118	3121	3125	rBV5	34427	53083	0.32%	0.031%
64	21.404	3127	3131	3135	rBV	341771	436749	2.62%	0.257%
65	21.839	3201	3205	3213	rBV	426394	596972	3.58%	0.352%
66	22.298	3277	3283	3293	rVB	627770	911338	5.46%	0.537%
67	22.422	3299	3304	3311	rVB	562691	730197	4.38%	0.430%
68	22.798	3363	3368	3374	rBV	787694	1090842	6.54%	0.643%
69	23.280	3441	3450	3457	rBV	9073513	16685878	100.00%	9.834%
70	23.351	3457	3462	3466	rVV	913099	1423896	8.53%	0.839%
71	23.416	3466	3473	3481	rVB	5056373	9349653	56.03%	5.511%

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72	23.986	3564	3570	3577	rBV	788152	1444068	8.65%	0.851%
73	24.716	3687	3694	3704	rVB	656434	1424410	8.54%	0.840%
74	25.563	3831	3838	3848	rVB	440654	1047292	6.28%	0.617%
75	26.557	4001	4007	4019	rVB3	292495	837241	5.02%	0.493%

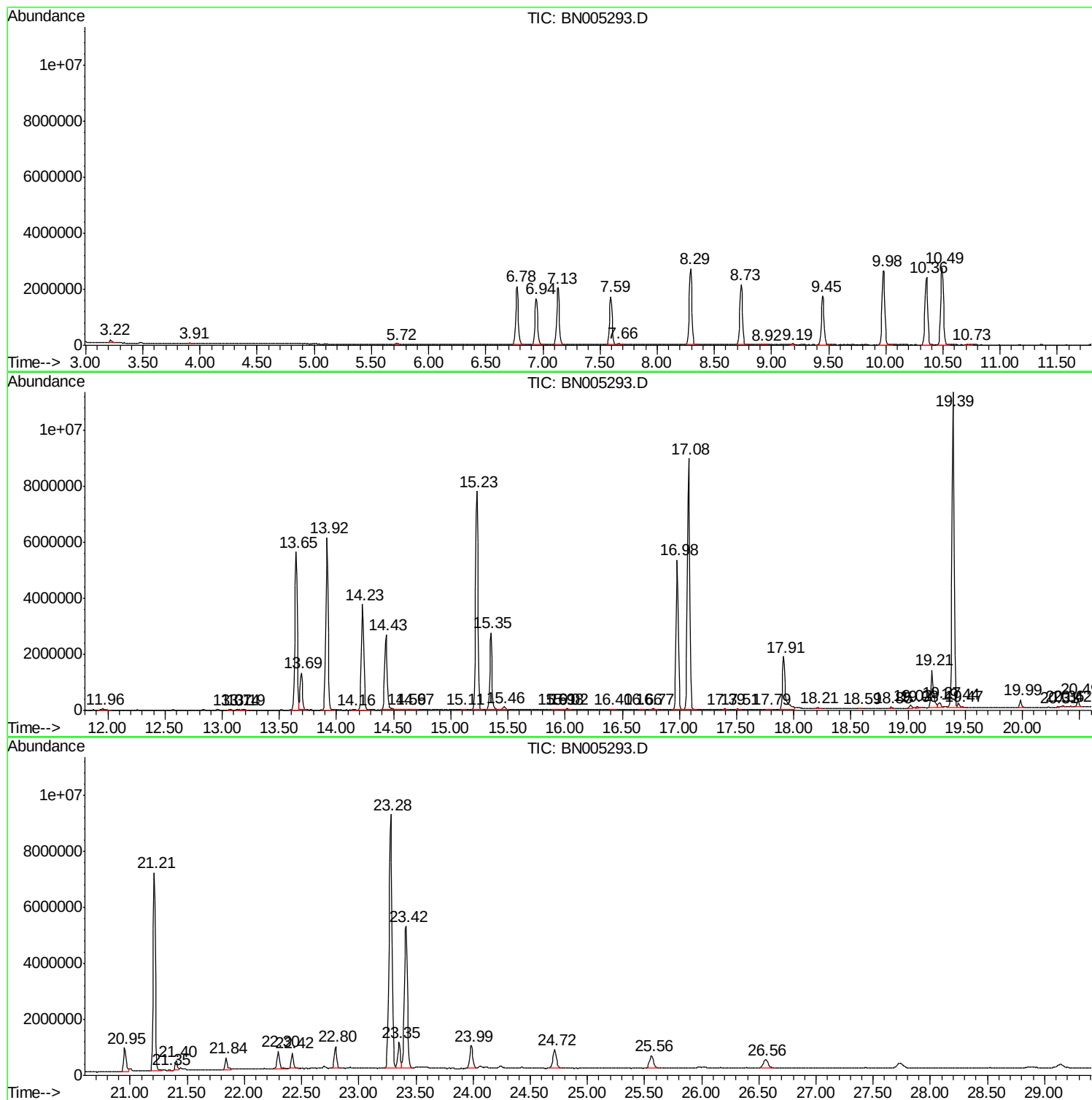
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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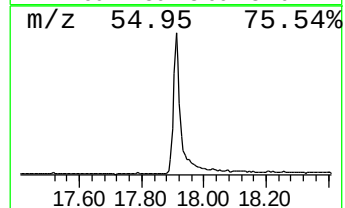
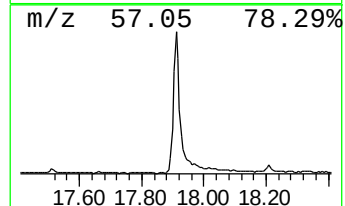
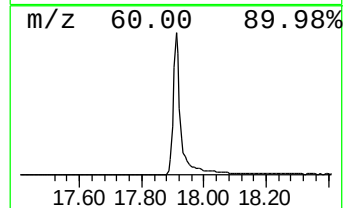
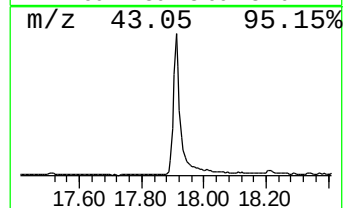
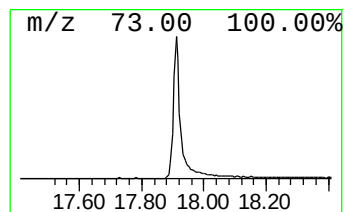
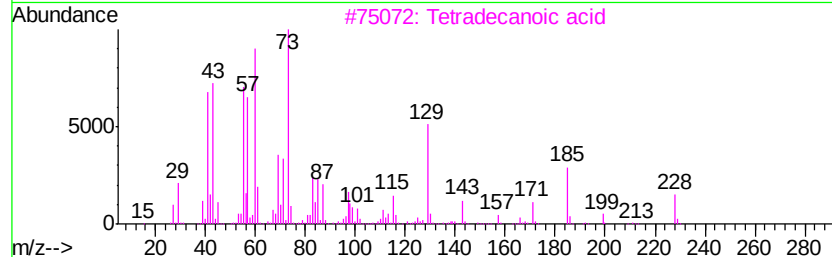
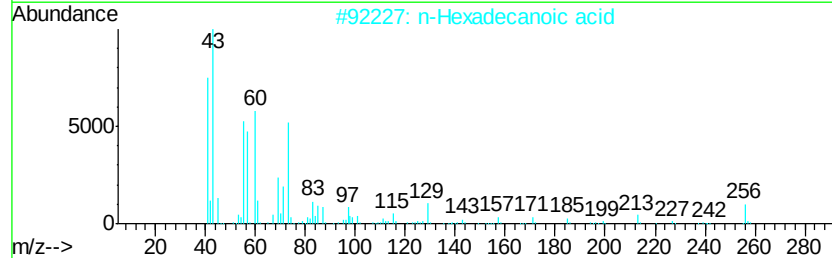
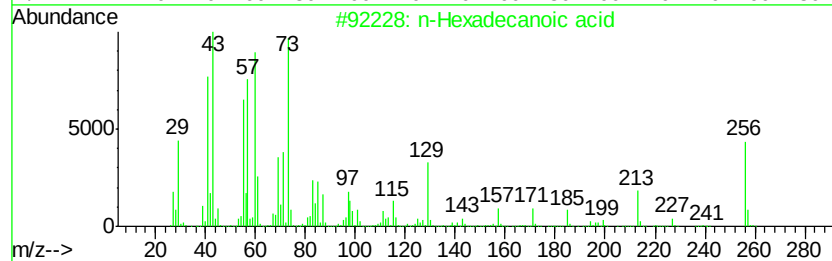
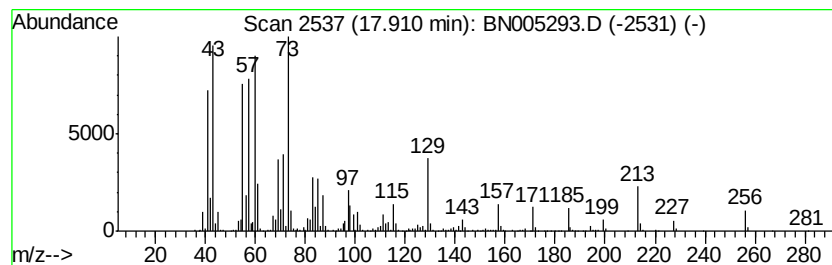
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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	8.49 ng/ul	3187740	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	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	87



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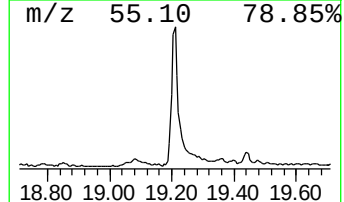
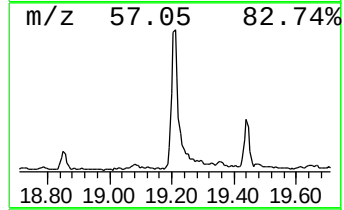
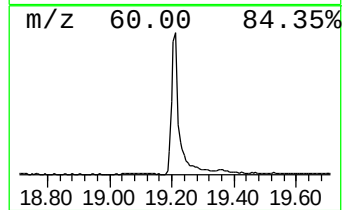
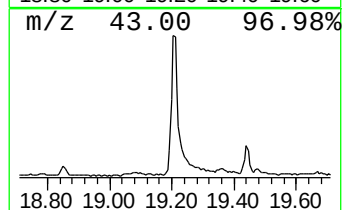
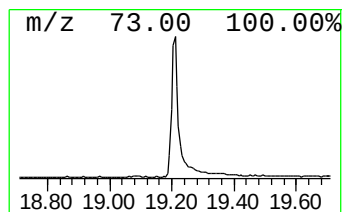
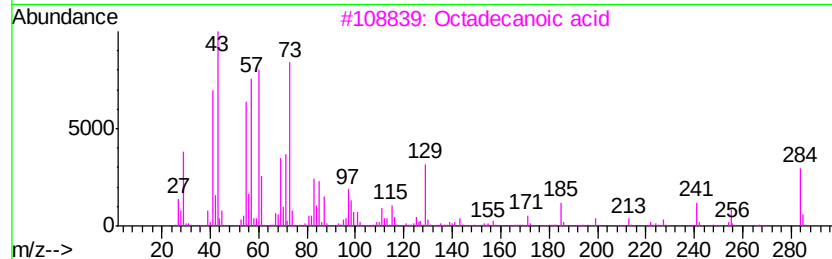
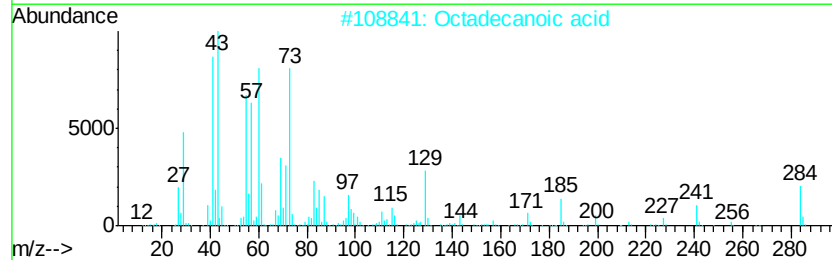
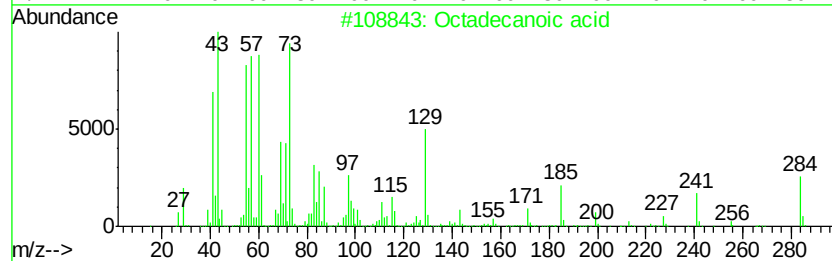
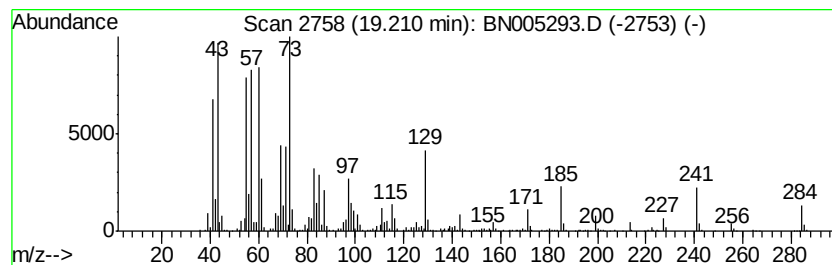
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	4.64 ng/ul	2139010	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	98
3		Octadecanoic acid	284	C18H36O2	000057-11-4	94
4		Octadecanoic acid	284	C18H36O2	000057-11-4	93
5		Tridecanoic acid	214	C13H26O2	000638-53-9	90



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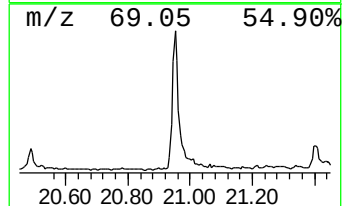
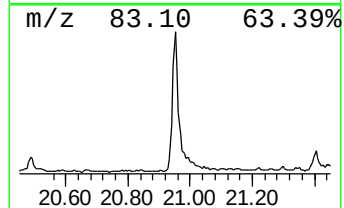
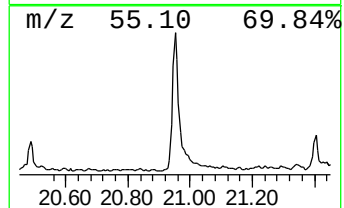
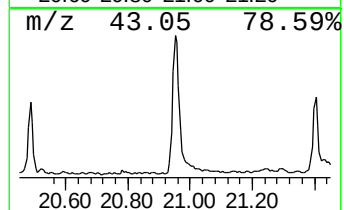
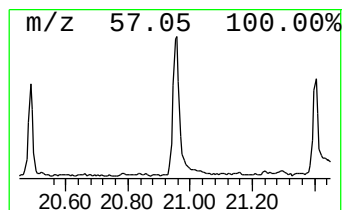
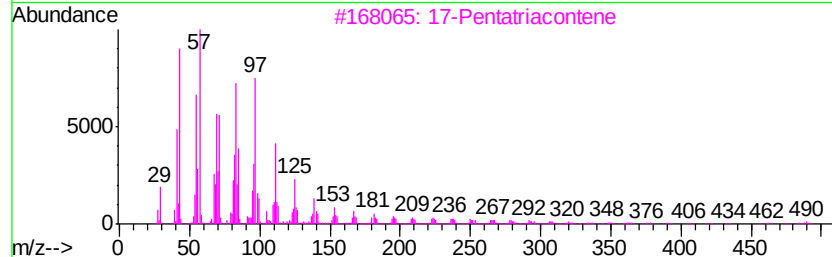
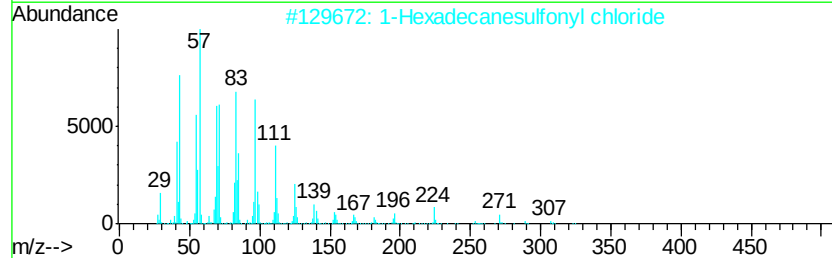
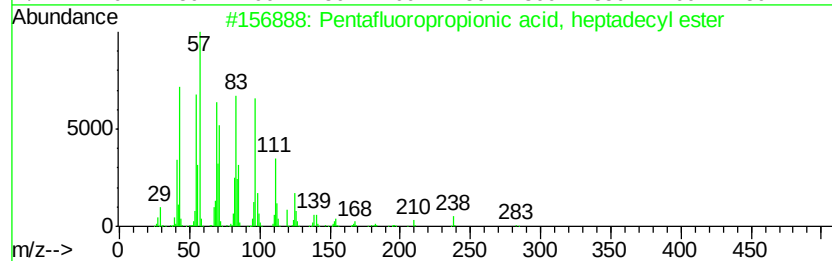
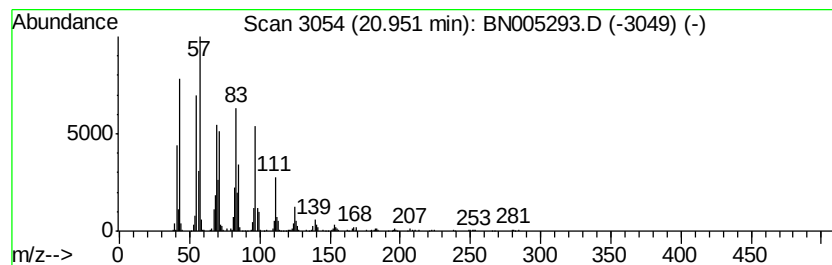
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Pentafluoropropionic acid, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	2.87 ng/ul	1326060	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	94
2		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
3		17-Pentatriacontene	491	C35H70	006971-40-0	91
4		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
5		2-Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87



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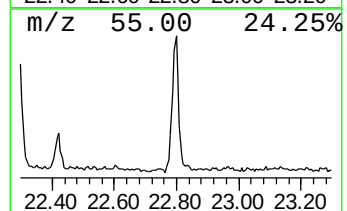
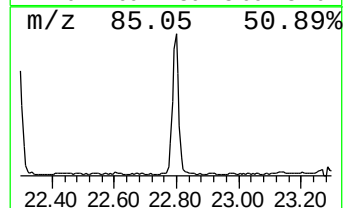
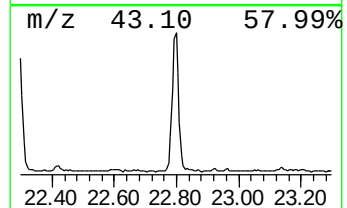
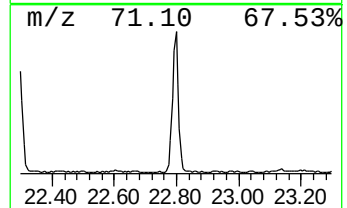
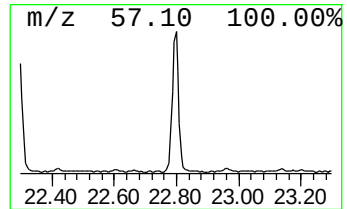
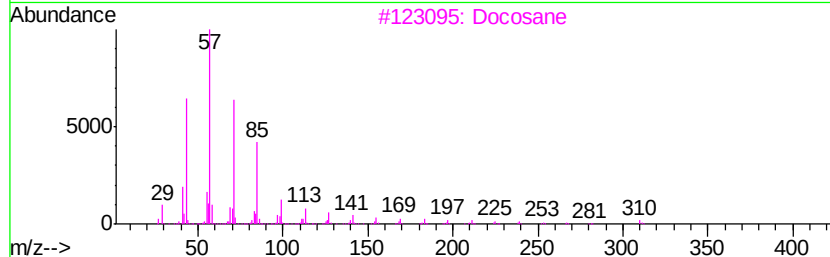
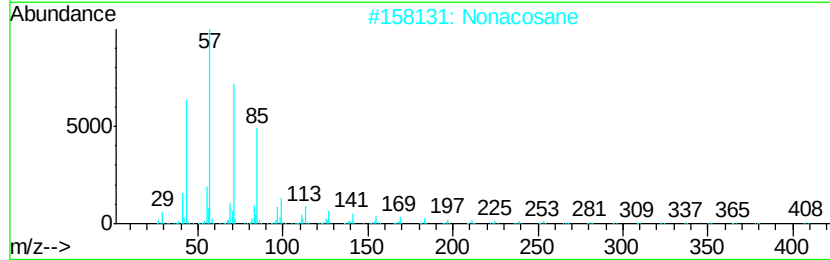
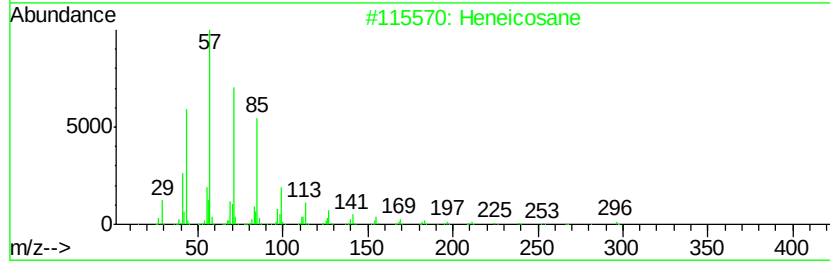
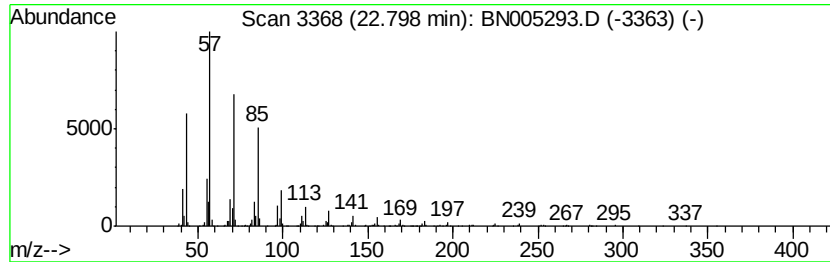
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	2.33 ng/ul	1090840	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Nonacosane	408	C29H60	000630-03-5	91
3		Docosane	310	C22H46	000629-97-0	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005293.D
Acq On : 25 Apr 2019 23:00
Operator : JU/SJ
Sample : K2481-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW5

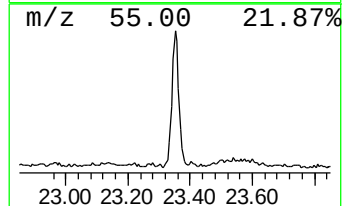
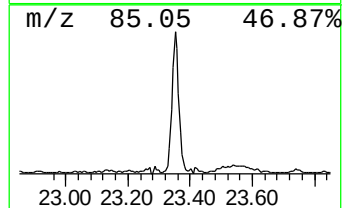
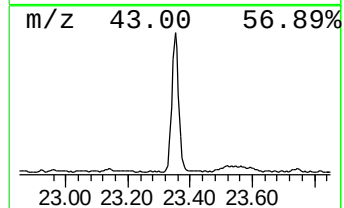
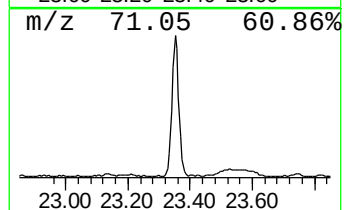
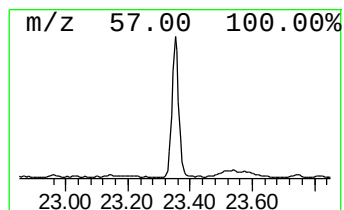
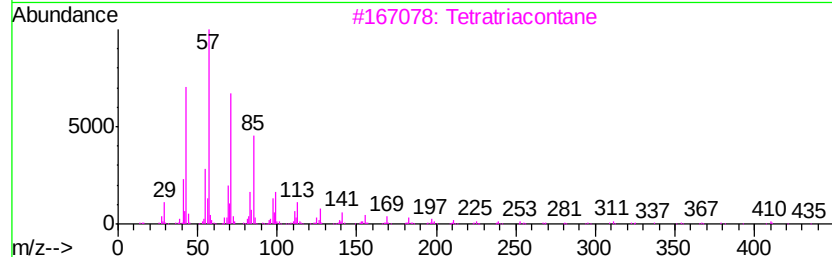
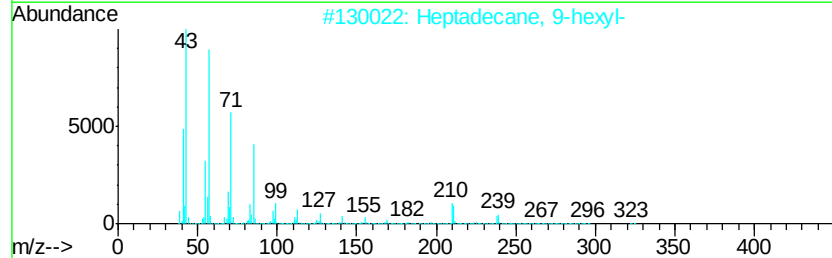
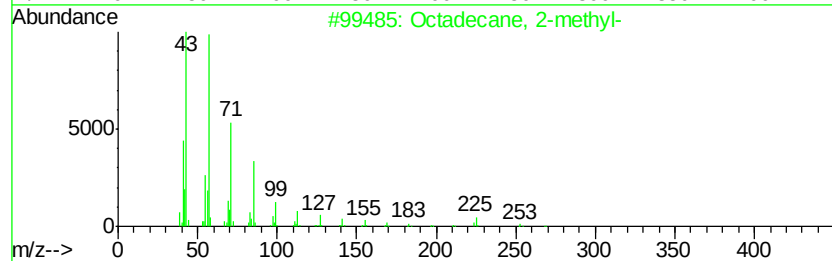
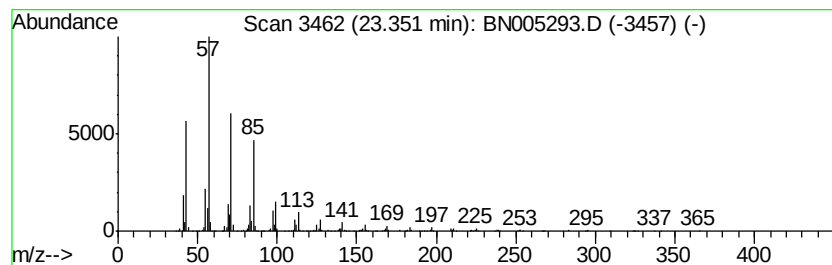
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Quant Title : SVOA CALIBRATION

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.
23.35	3.05 ng/ul	1423900	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
2		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
3		Tetratriacontane	479	C34H70	014167-59-0	91
4		Pentacosane	352	C25H52	000629-99-2	91
5		Nonacosane	408	C29H60	000630-03-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005293.D
Acq On : 25 Apr 2019 23:00
Operator : JU/SJ
Sample : K2481-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW5

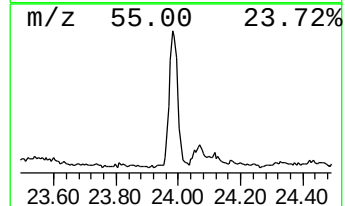
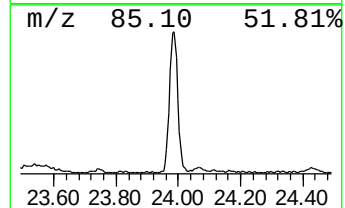
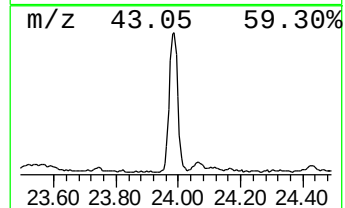
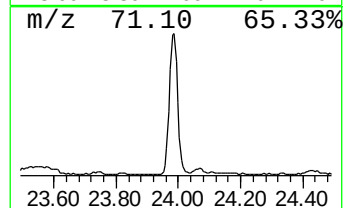
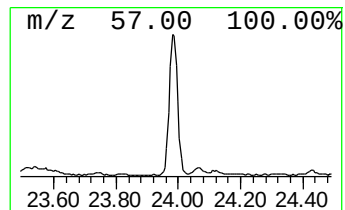
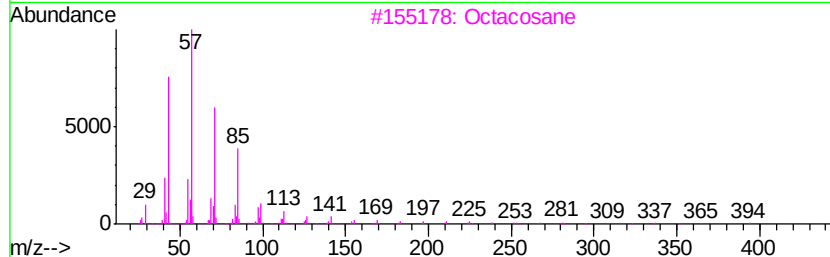
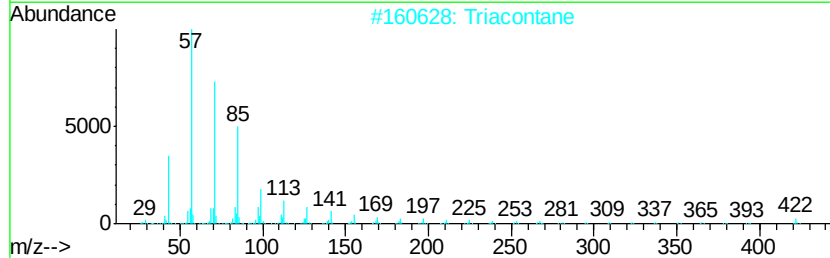
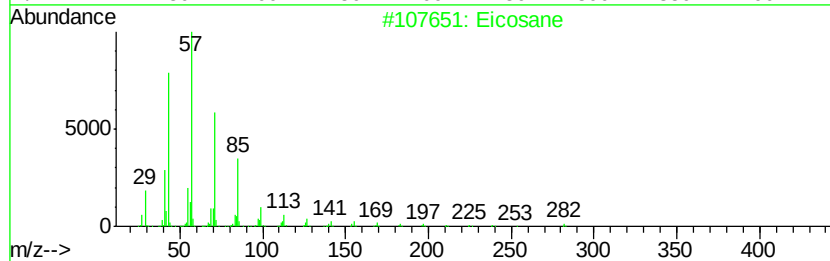
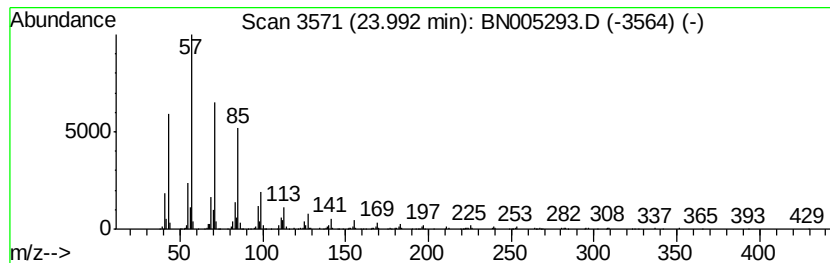
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Quant Title : SVOA CALIBRATION

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.
23.99	3.09 ng/ul	1444070	Perylene-d12	23.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	95
2			Triacontane	422	C30H62	000638-68-6	91
3			Octacosane	394	C28H58	000630-02-4	91
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5			Nonacosane	408	C29H60	000630-03-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005293.D
Acq On : 25 Apr 2019 23:00
Operator : JU/SJ
Sample : K2481-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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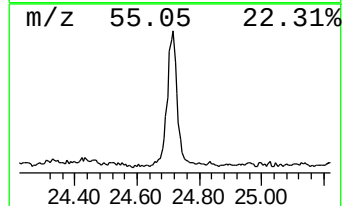
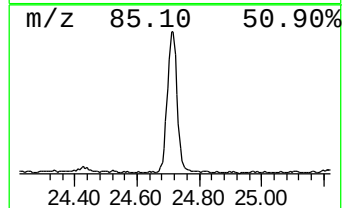
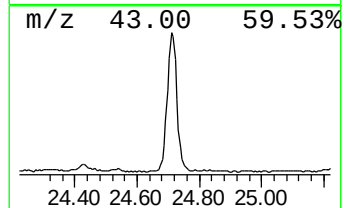
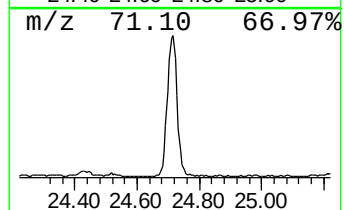
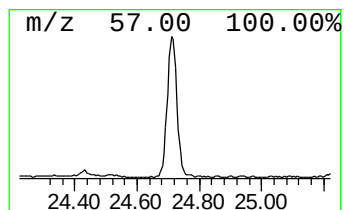
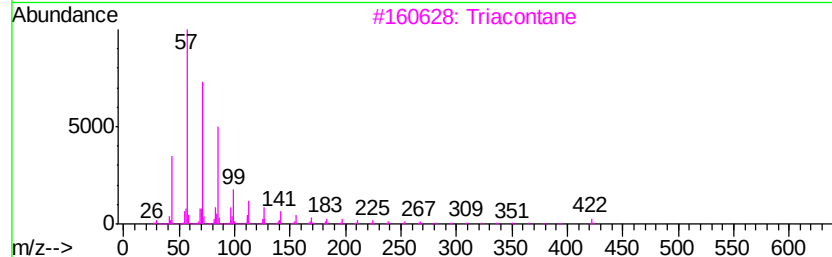
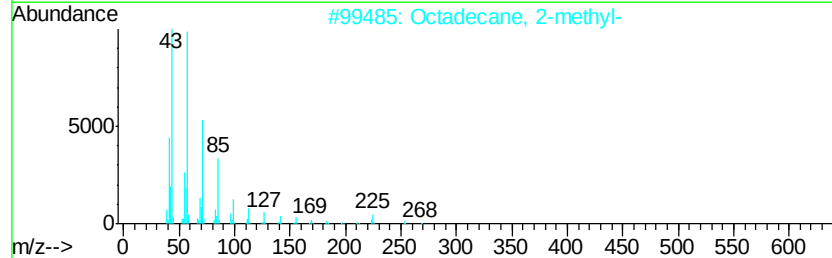
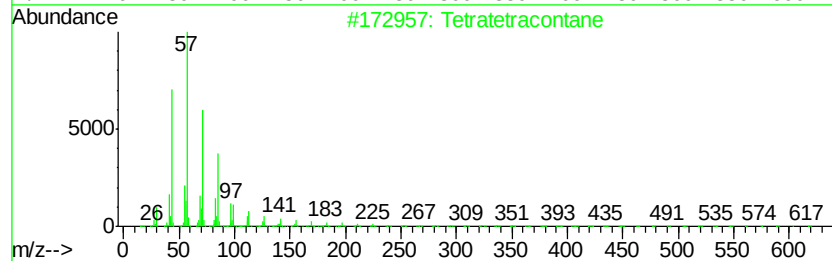
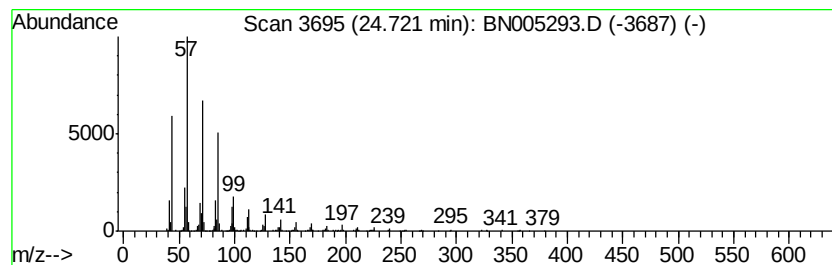
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.72	3.05 ng/ul	1424410	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	94
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
3		Triacontane	422	C30H62	000638-68-6	91
4		Nonacosane	408	C29H60	000630-03-5	91
5		Pentacosane	352	C25H52	000629-99-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005293.D
Acq On : 25 Apr 2019 23:00
Operator : JU/SJ
Sample : K2481-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW5

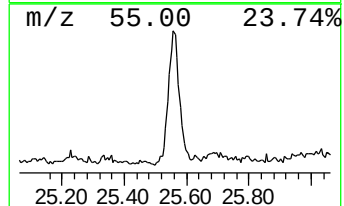
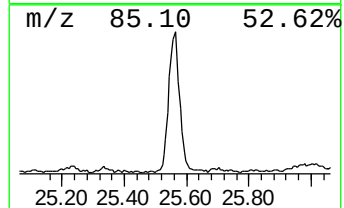
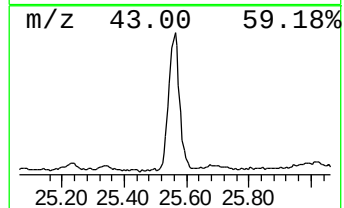
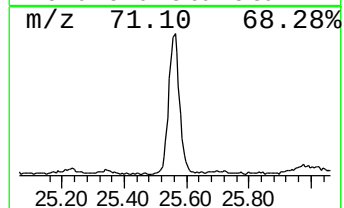
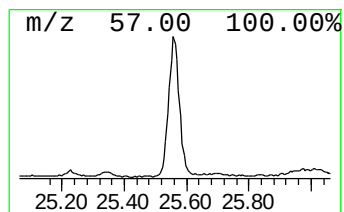
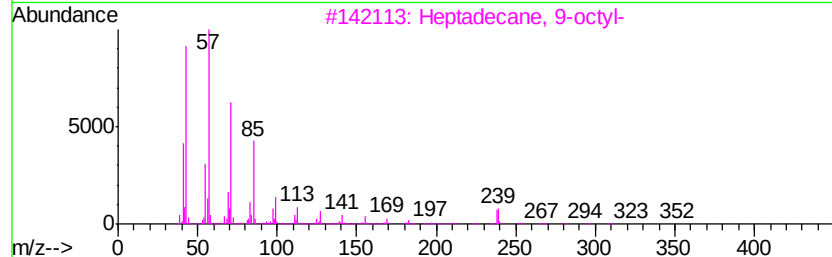
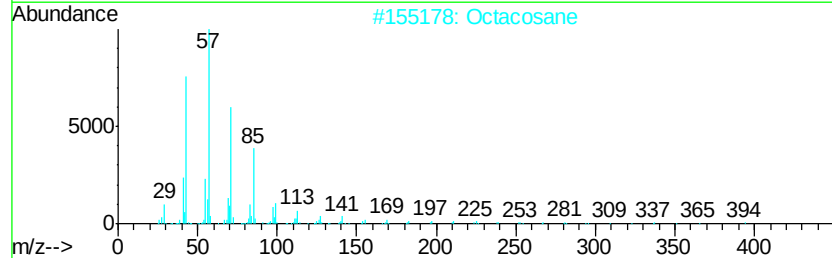
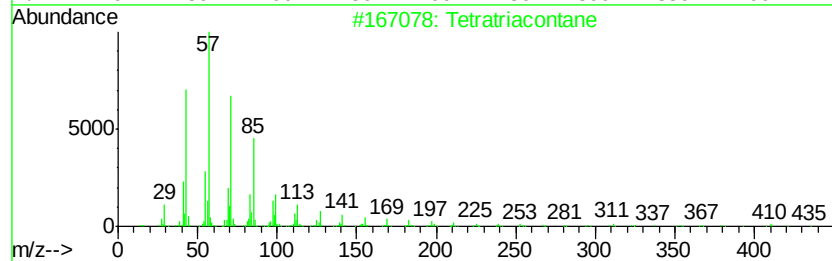
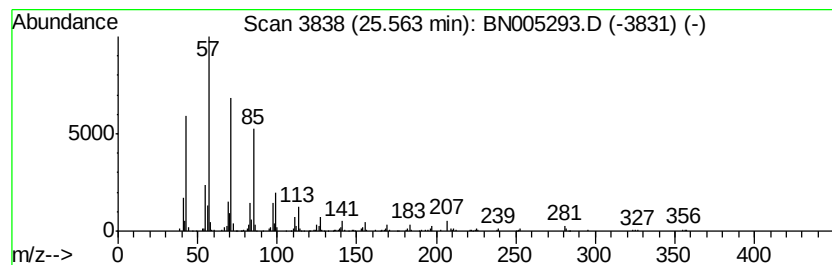
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.56	2.24 ng/ul	1047290	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	90
2		Octacosane	394	C28H58	000630-02-4	87
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005293.D
Acq On : 25 Apr 2019 23:00
Operator : JU/SJ
Sample : K2481-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW5

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
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Octadecanoic acid	19.21	4.6	ng/ul	2139010	5	21.21	9227460	20.0
Pentafluoropropio...	20.95	2.9	ng/ul	1326060	5	21.21	9227460	20.0
(DEL) Alkane: Str...	22.80	2.3	ng/ul	1090840	6	23.42	9349650	20.0
(DEL) Alkane: Str...	23.35	3.0	ng/ul	1423900	6	23.42	9349650	20.0
(DEL) Alkane: Str...	23.99	3.1	ng/ul	1444070	6	23.42	9349650	20.0
(DEL) Alkane: Str...	24.72	3.0	ng/ul	1424410	6	23.42	9349650	20.0
(DEL) Alkane: Str...	25.56	2.2	ng/ul	1047290	6	23.42	9349650	20.0