

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031319\
 Data File : BN004750.D
 Acq On : 14 Mar 2019 03:11
 Operator : JU/SJ
 Sample : K1794-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF5N5

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	3.228	38	41	46	rVB	6568	8349	1.38%	0.108%
2	3.740	125	128	133	rVB	2725	3101	0.51%	0.040%
3	3.846	144	146	149	rVB	802	868	0.14%	0.011%
4	3.952	160	164	168	rVB2	796	1409	0.23%	0.018%
5	4.840	311	315	320	rVB	2524	2861	0.47%	0.037%
6	6.887	657	663	672	rBB	84229	133814	22.07%	1.733%
7	7.057	687	692	700	rBB	74949	114986	18.97%	1.489%
8	7.252	719	725	732	rBB	102864	153853	25.38%	1.992%
9	7.716	799	804	811	rBB	137705	213405	35.20%	2.763%
10	8.422	918	924	932	rBB	105146	162105	26.74%	2.099%
11	8.546	941	945	948	rBB	2080	3010	0.50%	0.039%
12	8.881	996	1002	1009	rBB	93072	146313	24.13%	1.895%
13	9.234	1059	1062	1064	rBB	1641	1728	0.29%	0.022%
14	9.593	1118	1123	1130	rBB	77766	120350	19.85%	1.558%
15	10.128	1208	1214	1226	rBB	111945	190050	31.35%	2.461%
16	10.504	1271	1278	1285	rBB	200900	324218	53.48%	4.198%
17	10.651	1296	1303	1317	rBB	98216	171216	28.24%	2.217%
18	12.098	1546	1549	1552	rBB	1310	1670	0.28%	0.022%
19	13.769	1827	1833	1838	rBV	246164	337379	55.65%	4.369%
20	13.816	1838	1841	1846	rVB	42630	51980	8.57%	0.673%
21	14.051	1875	1881	1891	rBB	265493	394046	65.00%	5.102%
22	14.363	1928	1934	1940	rBB2	286684	433937	71.58%	5.619%
23	14.586	1968	1972	1988	rBV	28539	62361	10.29%	0.807%
24	15.357	2097	2103	2110	rBB	352125	501099	82.66%	6.489%
25	15.481	2120	2124	2130	rBB	73768	93283	15.39%	1.208%
26	15.598	2140	2144	2146	rBB	1703	2047	0.34%	0.027%
27	16.651	2320	2323	2325	rBB	966	1080	0.18%	0.014%
28	16.704	2329	2332	2336	rBB	1838	2425	0.40%	0.031%
29	16.898	2362	2365	2367	rBB	761	845	0.14%	0.011%
30	17.110	2395	2401	2410	rBB	357609	503667	83.08%	6.522%
31	17.210	2412	2418	2432	rVB	379185	529253	87.30%	6.853%
32	17.992	2547	2551	2563	rBV	48102	66642	10.99%	0.863%
33	18.292	2599	2602	2605	rBB	733	881	0.15%	0.011%
34	19.139	2742	2746	2751	rVB	2970	3443	0.57%	0.045%

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35	19.274	2766	2769	2778	rBV	13299	20068	3.31%	0.260%
36	19.398	2785	2790	2793	rBV	1790	2262	0.37%	0.029%
37	19.510	2803	2809	2815	rBV	438715	585876	96.64%	7.586%
38	20.033	2895	2898	2902	rVB2	3080	2894	0.48%	0.037%
39	20.433	2963	2966	2968	rBV	734	675	0.11%	0.009%
40	20.498	2976	2977	2980	rBV2	692	702	0.12%	0.009%
41	20.533	2980	2983	2986	rBV	8177	7837	1.29%	0.101%
42	20.780	3021	3025	3026	rBV2	707	809	0.13%	0.010%
43	20.998	3057	3062	3073	rBV2	91389	124220	20.49%	1.608%
44	21.204	3094	3097	3100	rBV	4233	4406	0.73%	0.057%
45	21.233	3100	3102	3104	rBV2	765	755	0.12%	0.010%
46	21.304	3108	3114	3121	rBV	391526	499902	82.46%	6.473%
47	21.404	3127	3131	3132	rBV3	1339	1756	0.29%	0.023%
48	21.439	3132	3137	3140	rVV	33561	41432	6.83%	0.536%
49	21.468	3140	3142	3146	rVV2	9187	9190	1.52%	0.119%
50	21.516	3146	3150	3154	rVV	15228	17338	2.86%	0.225%
51	21.563	3155	3158	3160	rVV	3874	4168	0.69%	0.054%
52	21.592	3160	3163	3168	rVB	4006	4858	0.80%	0.063%
53	21.868	3206	3210	3219	rBV	55940	69540	11.47%	0.900%
54	22.151	3256	3258	3262	rBV2	2449	3172	0.52%	0.041%
55	22.333	3284	3289	3295	rVB	81341	100374	16.56%	1.300%
56	22.839	3368	3375	3381	rBV	80443	120374	19.86%	1.559%
57	23.415	3465	3473	3486	rBV3	319533	606252	100.00%	7.850%
58	23.563	3491	3498	3511	rVB	255435	463503	76.45%	6.002%
59	24.051	3574	3581	3588	rVB	56166	105070	17.33%	1.361%
60	24.151	3593	3598	3609	rVB5	5282	14080	2.32%	0.182%
61	24.798	3701	3708	3716	rBV	39747	86672	14.30%	1.122%
62	25.674	3849	3857	3866	rBV3	18490	48875	8.06%	0.633%
63	26.698	4024	4031	4043	rVB4	12413	37995	6.27%	0.492%

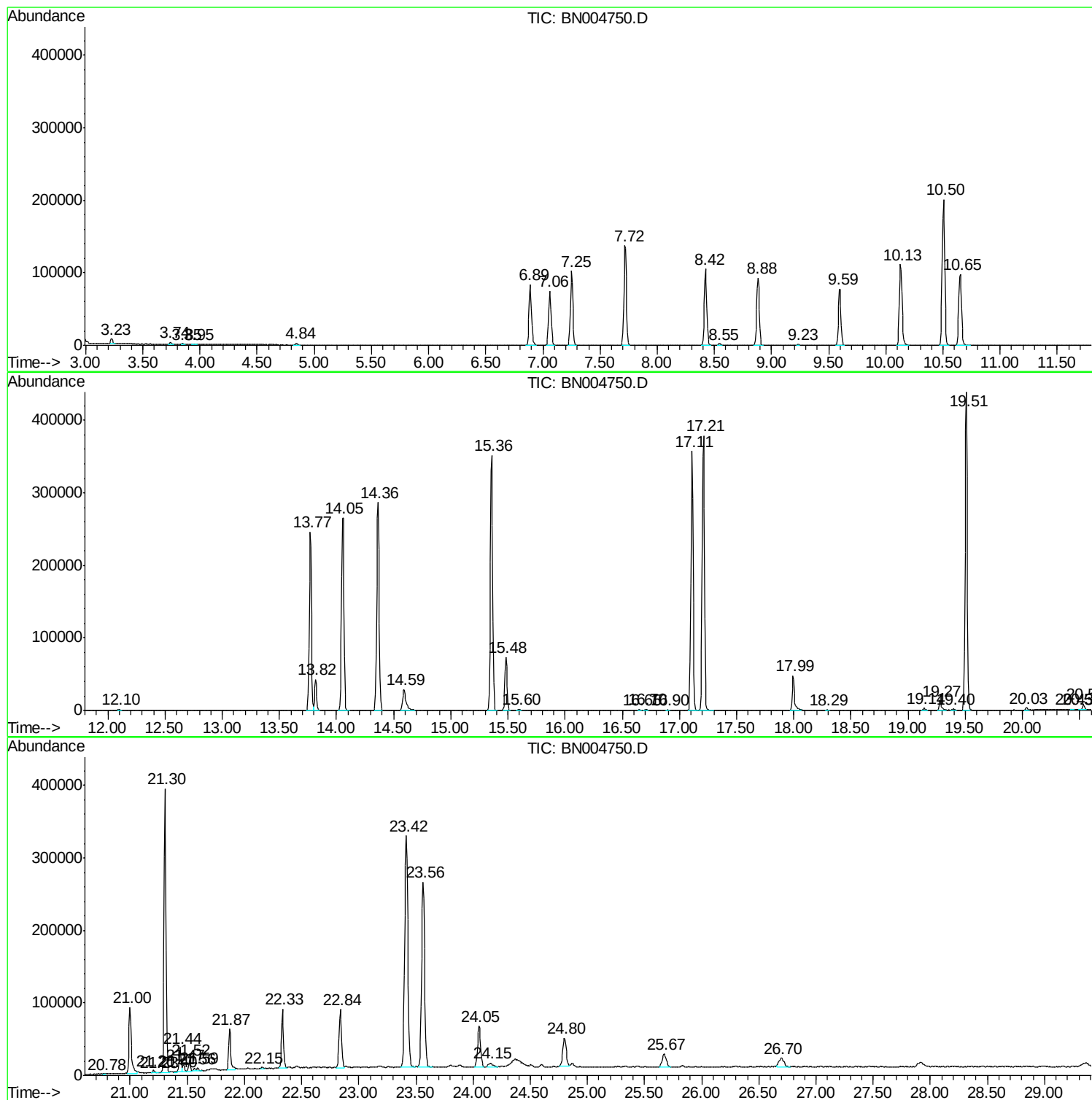
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Quant Title : SVOA CALIBRATION

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



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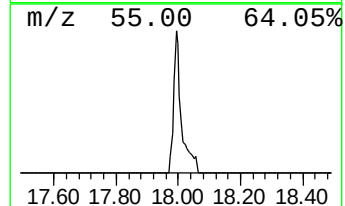
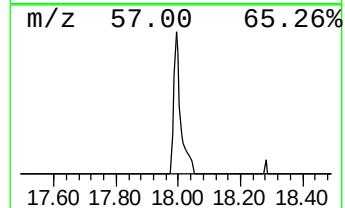
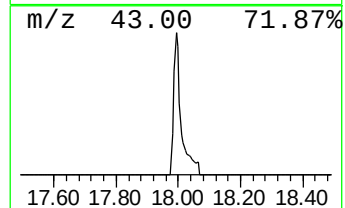
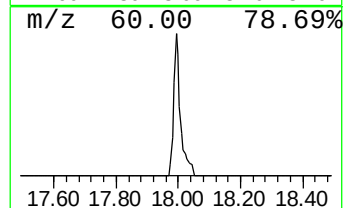
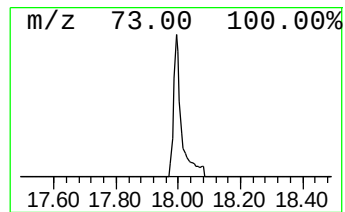
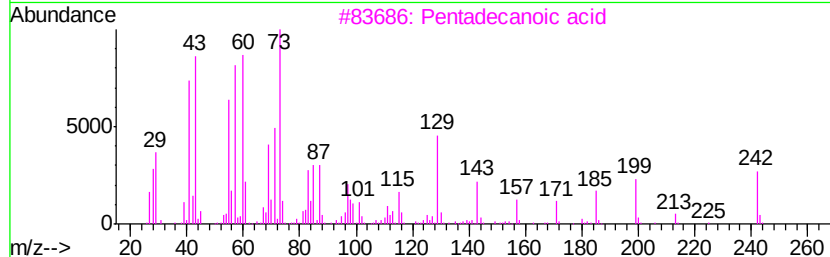
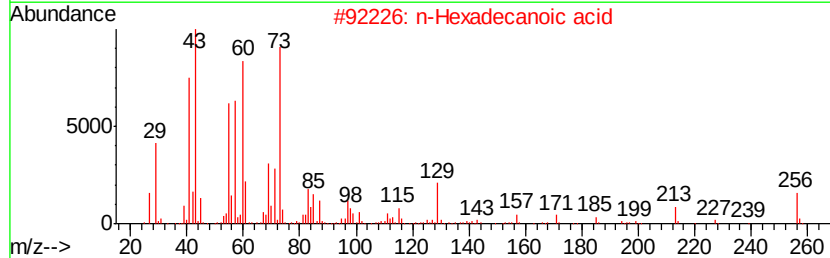
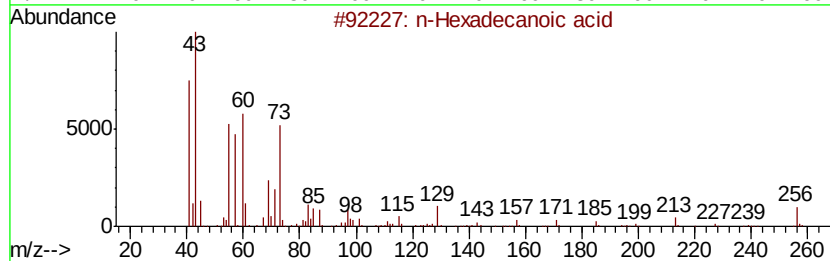
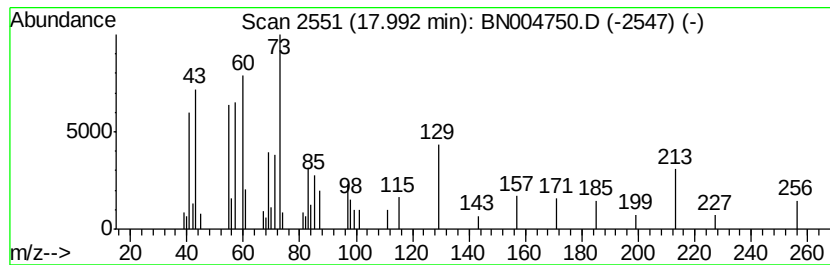
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.65 ng/ul	66642	Phenanthrene-d10	17.11

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4			n-Decanoic acid	172	C10H20O2	000334-48-5	59
5			Tridecanoic acid	214	C13H26O2	000638-53-9	38



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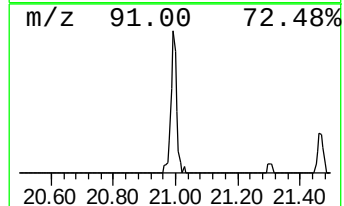
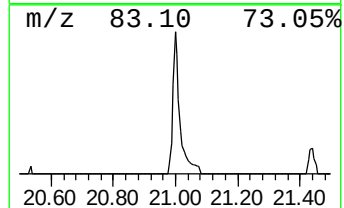
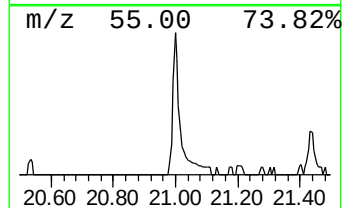
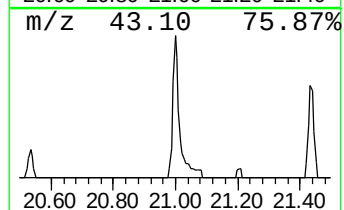
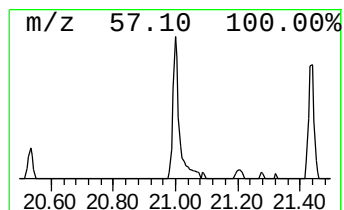
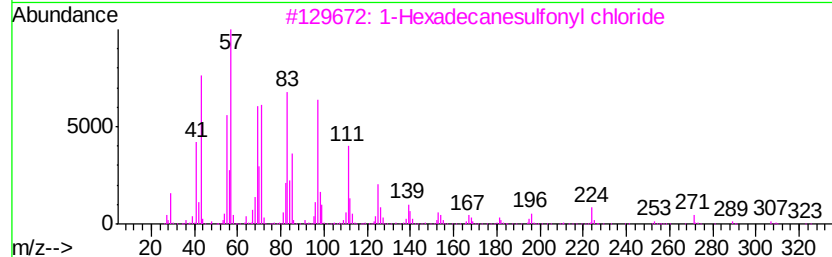
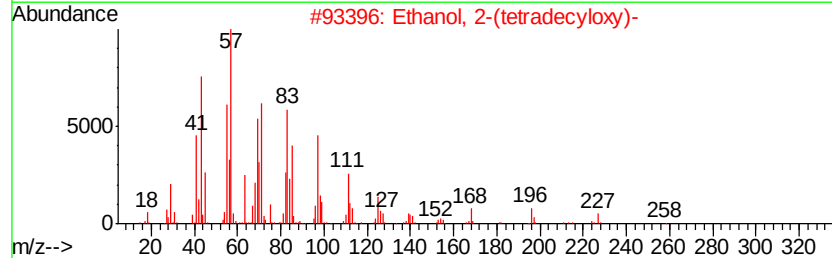
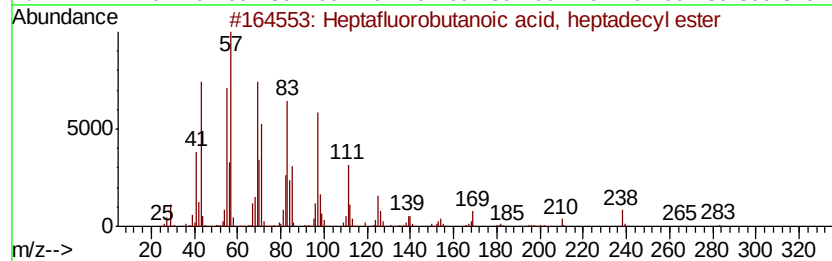
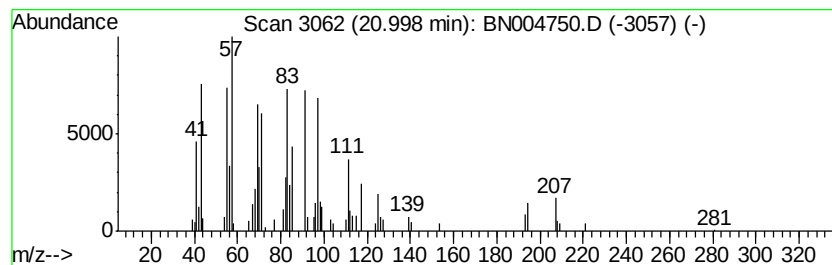
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Heptafluorobutanoic acid, h... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.00	4.97 ng/ul	124220	Chrysene-d12	21.30		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	92
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	81
3		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	81
4		17-Pentatriacontene	491	C35H70	006971-40-0	74
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	70



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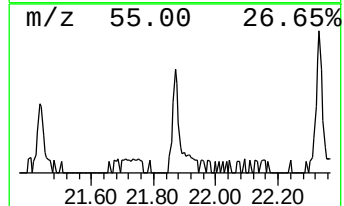
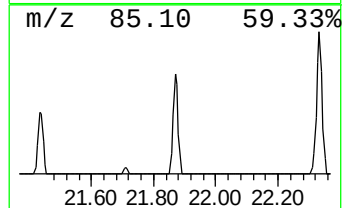
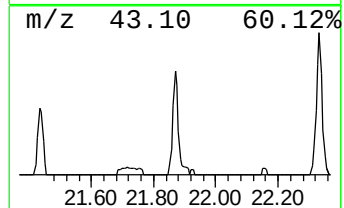
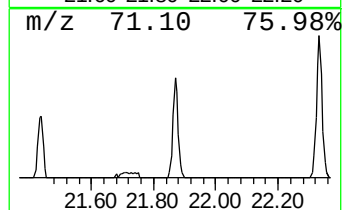
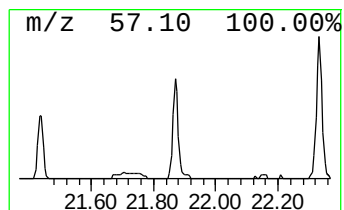
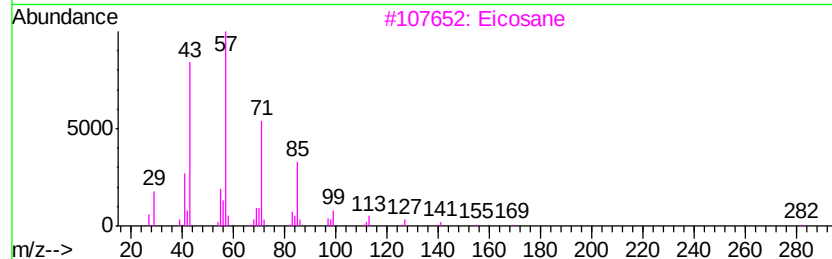
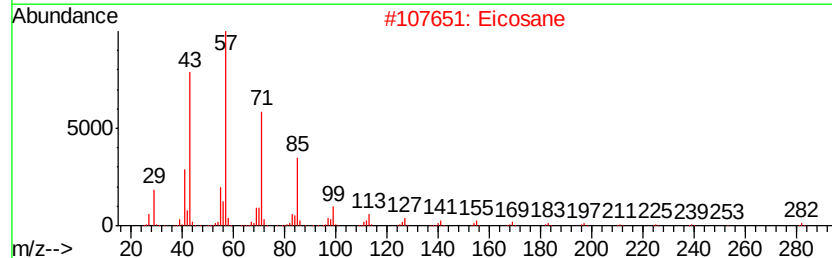
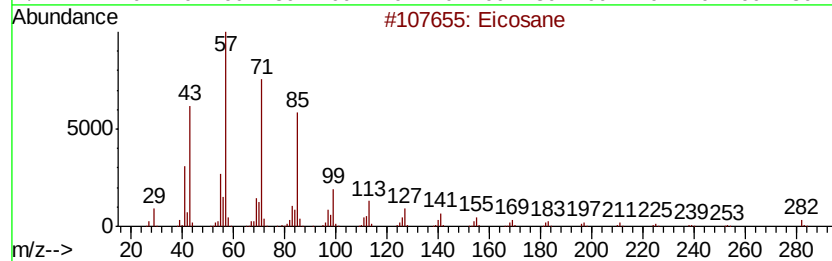
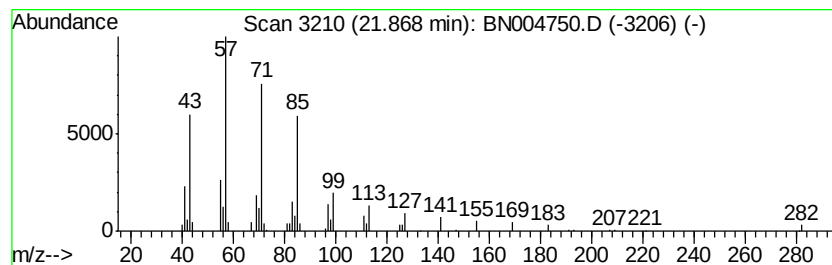
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	2.78 ng/ul	69540	Chrysene-d12	21.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Eicosane	282	C20H42	000112-95-8	95
3		Eicosane	282	C20H42	000112-95-8	95
4		Tetratriacontane	479	C34H70	014167-59-0	91
5		Octacosane	394	C28H58	000630-02-4	91



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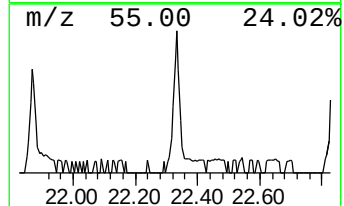
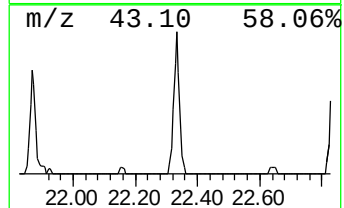
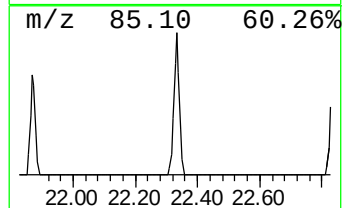
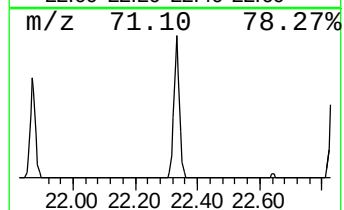
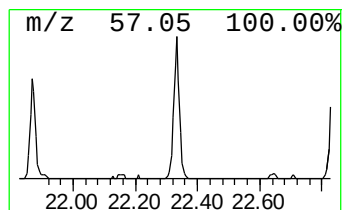
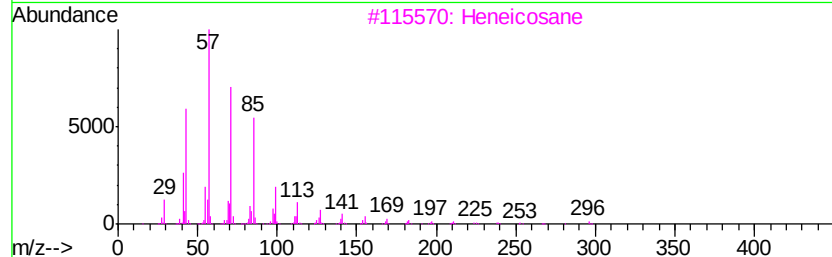
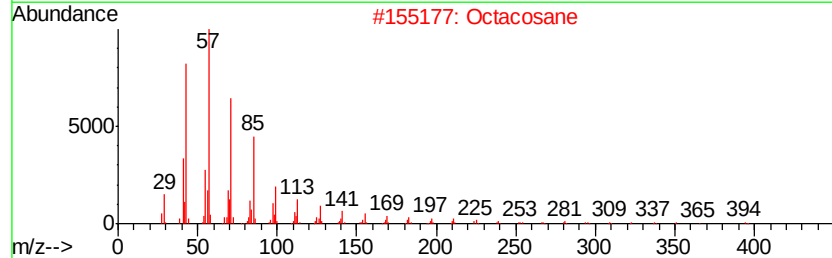
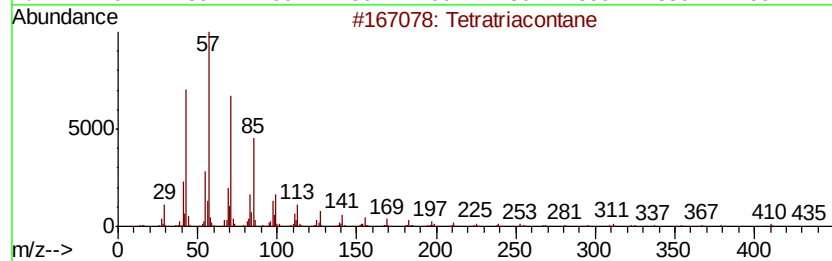
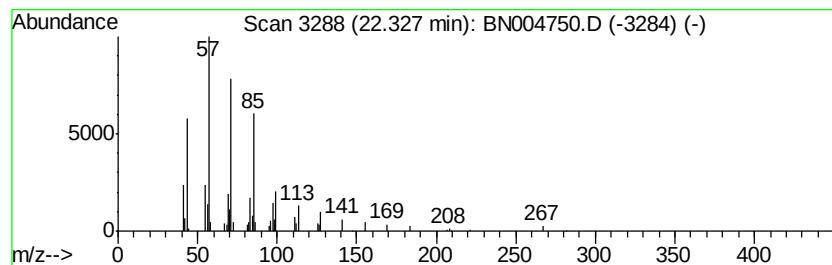
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Quant Title : SVOA CALIBRATION

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.
22.33	4.02 ng/ul	100374	Chrysene-d12	21.30

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		Heneicosane	296	C21H44	000629-94-7	91
4		Tetratetracontane	619	C44H90	007098-22-8	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



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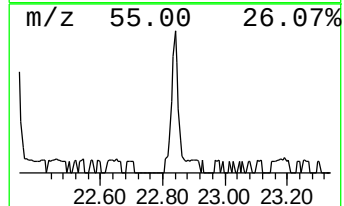
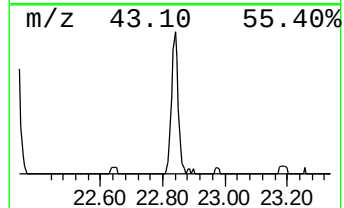
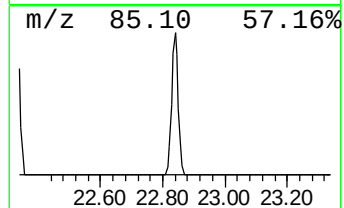
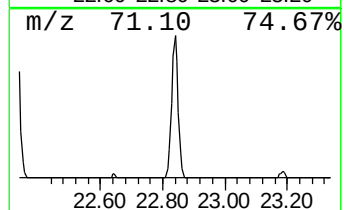
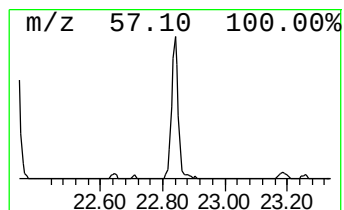
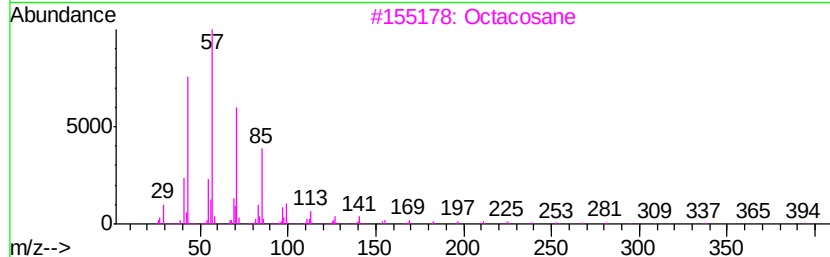
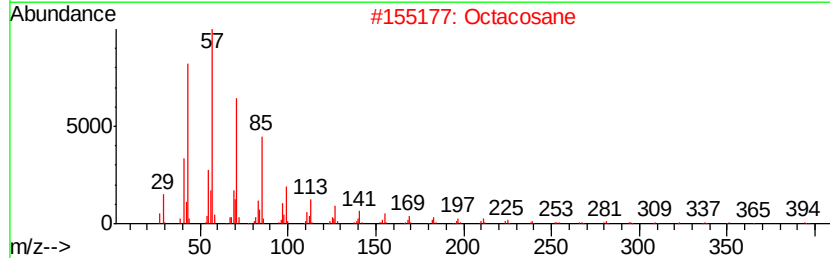
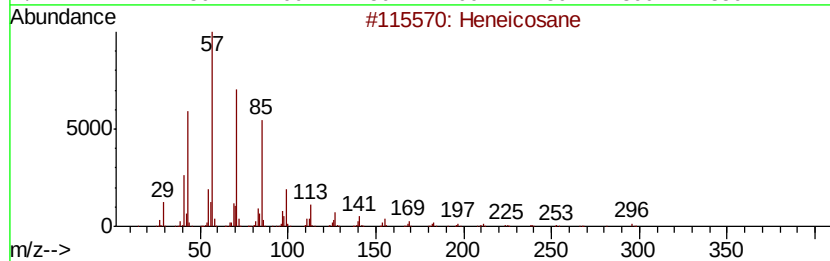
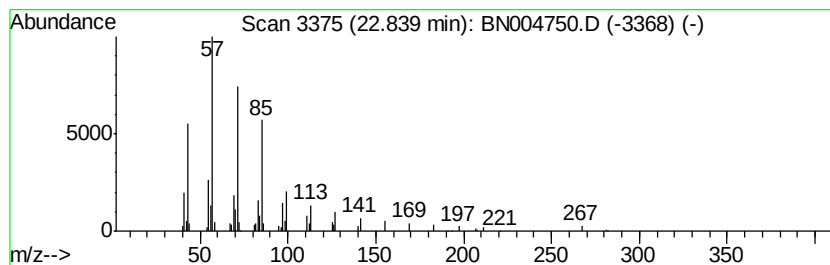
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	5.19 ng/ul	120374	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Tetratriacontane	479	C34H70	014167-59-0	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031319\
Data File : BN004750.D
Acq On : 14 Mar 2019 03:11
Operator : JU/SJ
Sample : K1794-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF5N5

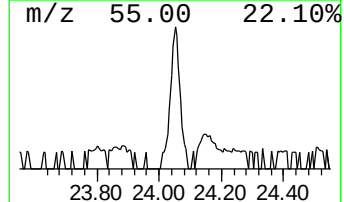
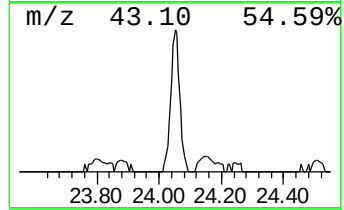
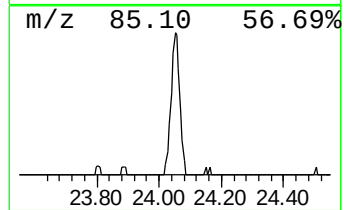
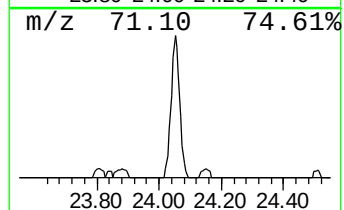
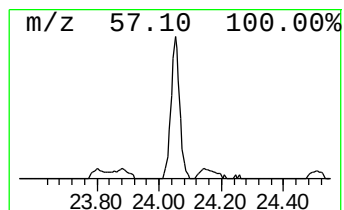
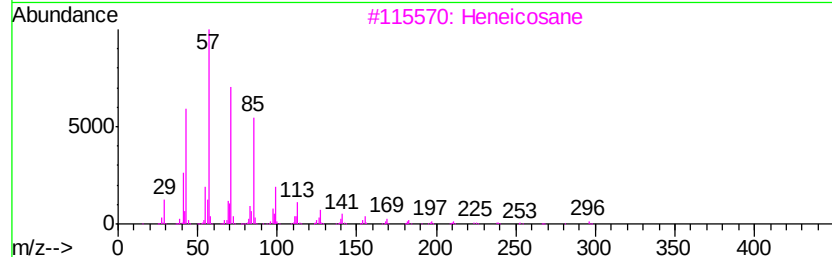
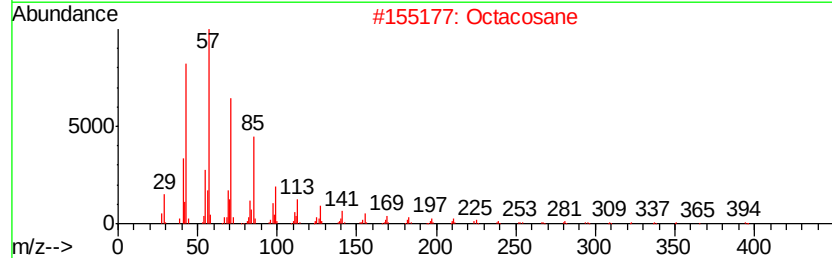
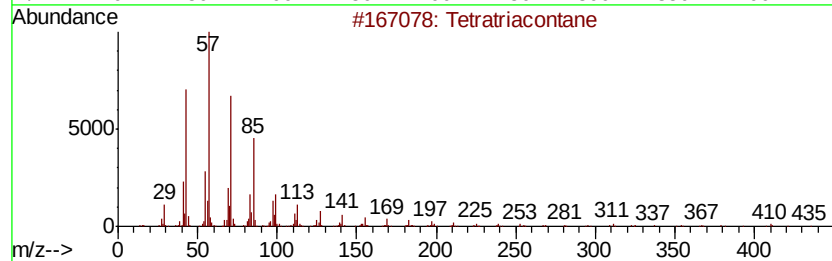
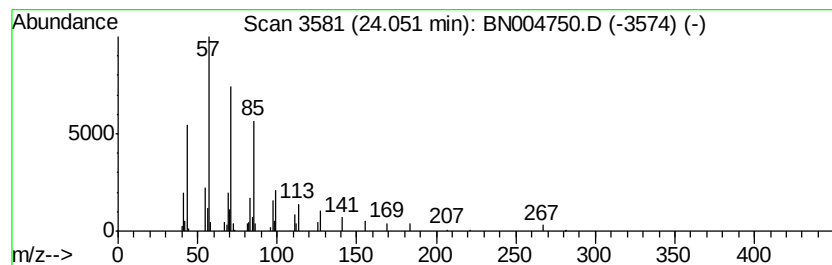
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Quant Title : SVOA CALIBRATION

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.
24.05	4.53 ng/ul	105070	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		Heneicosane	296	C21H44	000629-94-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Eicosane	282	C20H42	000112-95-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031319\
Data File : BN004750.D
Acq On : 14 Mar 2019 03:11
Operator : JU/SJ
Sample : K1794-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF5N5

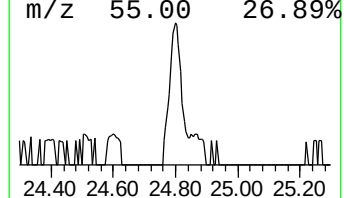
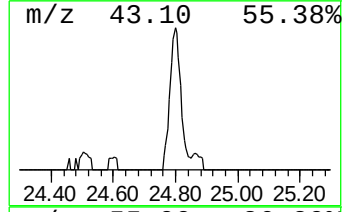
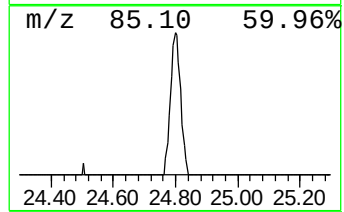
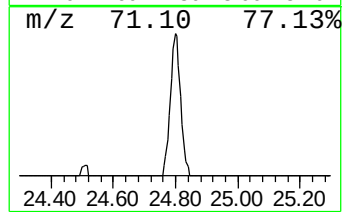
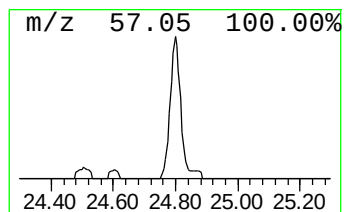
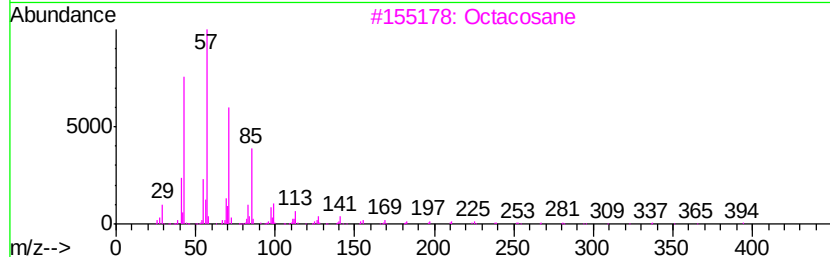
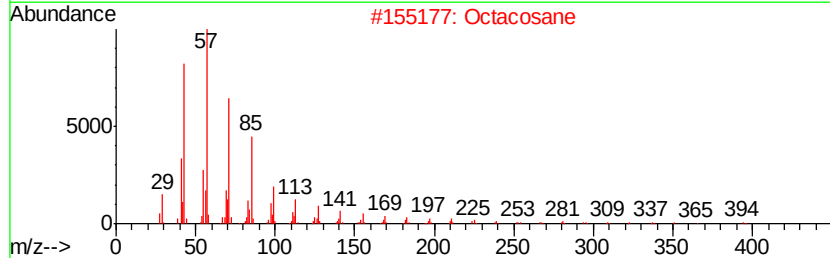
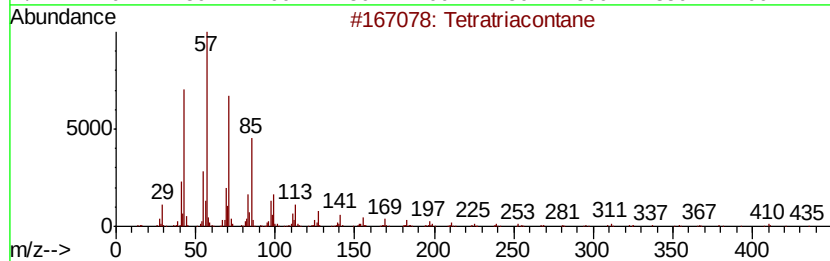
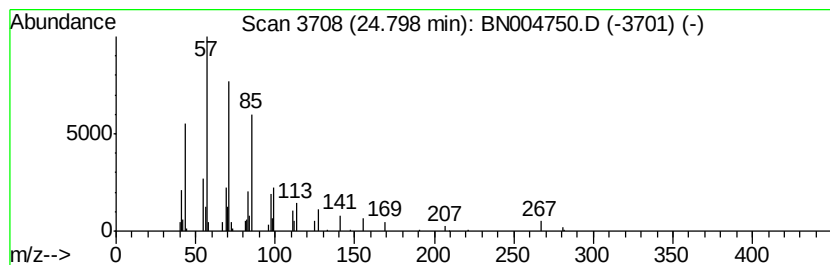
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.80	3.74 ng/ul	86672	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		Octacosane	394	C28H58	000630-02-4	91
4		Hexatriacontane	507	C36H74	000630-06-8	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031319\
Data File : BN004750.D
Acq On : 14 Mar 2019 03:11
Operator : JU/SJ
Sample : K1794-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF5N5

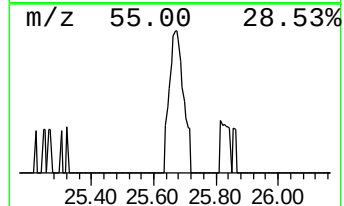
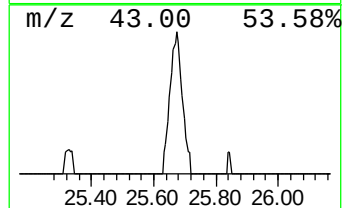
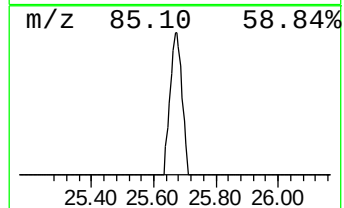
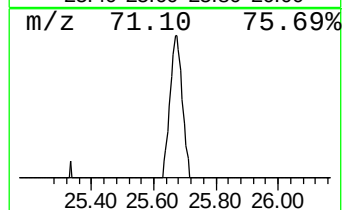
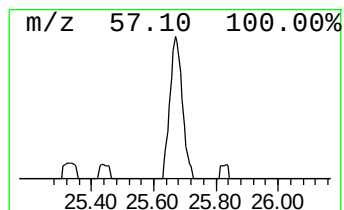
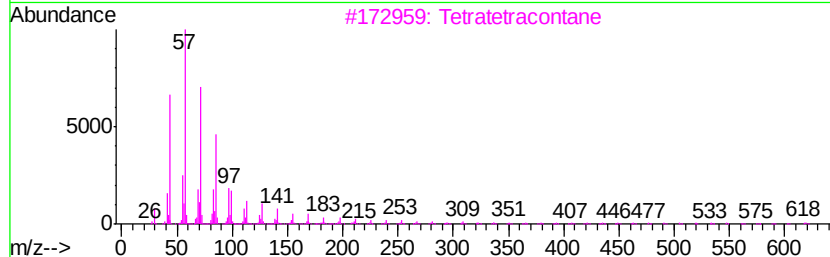
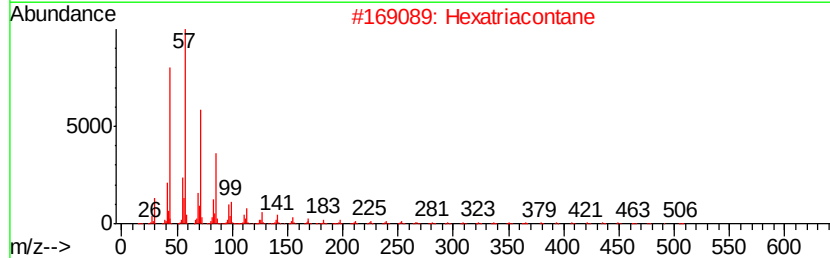
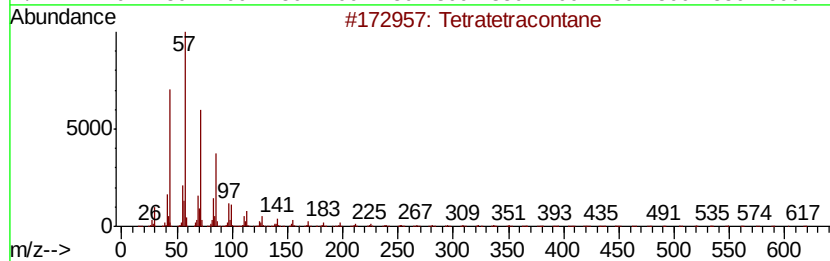
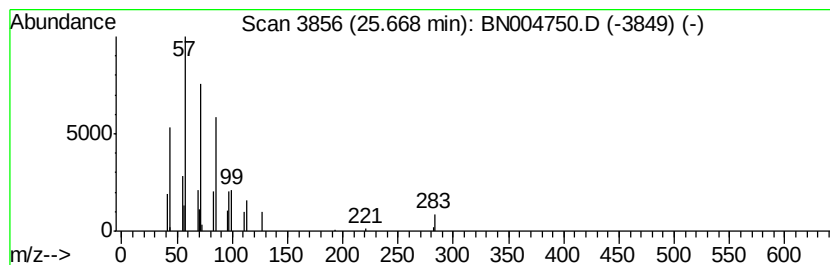
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Quant Title : SVOA CALIBRATION

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.
25.67	2.11 ng/ul	48875	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	86
2		Hexatriacontane	507	C36H74	000630-06-8	86
3		Tetratetracontane	619	C44H90	007098-22-8	86
4		Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	86
5		Eicosane	282	C20H42	000112-95-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN031319\
Data File : BN004750.D
Acq On : 14 Mar 2019 03:11
Operator : JU/SJ
Sample : K1794-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF5N5

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	2.6	ng/ul	66642	4	17.11	503667	20.0
Heptafluorobutano...	21.00	5.0	ng/ul	124220	5	21.30	499902	20.0
(DEL) Alkane: Str...	21.87	2.8	ng/ul	69540	5	21.30	499902	20.0
(DEL) Alkane: Str...	22.33	4.0	ng/ul	100374	5	21.30	499902	20.0
(DEL) Alkane: Str...	22.84	5.2	ng/ul	120374	6	23.56	463503	20.0
(DEL) Alkane: Str...	24.05	4.5	ng/ul	105070	6	23.56	463503	20.0
(DEL) Alkane: Str...	24.80	3.7	ng/ul	86672	6	23.56	463503	20.0
(DEL) Alkane: Str...	25.67	2.1	ng/ul	48875	6	23.56	463503	20.0