

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
 Data File : BN005292.D
 Acq On : 25 Apr 2019 22:25
 Operator : JU/SJ
 Sample : K2481-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHW3

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	3.211	35	38	51	rVB	98729	147532	0.98%	0.095%
2	3.911	154	157	161	rVB2	18567	20657	0.14%	0.013%
3	4.787	302	306	309	rBV4	10717	16501	0.11%	0.011%
4	5.722	460	465	471	rBV3	22213	38449	0.26%	0.025%
5	6.775	636	644	656	rBV	1999162	3160135	21.02%	2.025%
6	6.940	665	672	685	rVB	1588355	2510000	16.69%	1.608%
7	7.134	698	705	717	rVB	1966567	3161726	21.03%	2.026%
8	7.593	775	783	791	rBV	1471584	2310950	15.37%	1.481%
9	7.663	791	795	802	rVB3	24505	37192	0.25%	0.024%
10	8.293	894	902	912	rBV	2499964	3995266	26.57%	2.560%
11	8.734	969	977	986	rBV	2047451	3314401	22.05%	2.124%
12	9.187	1049	1054	1058	rBV2	38050	49270	0.33%	0.032%
13	9.446	1090	1098	1110	rBV	1711215	2779192	18.49%	1.781%
14	9.981	1181	1189	1201	rBV	2566764	4384545	29.16%	2.809%
15	10.351	1245	1252	1260	rBV	2171581	3593844	23.90%	2.303%
16	10.493	1267	1276	1292	rBV	2645722	4423650	29.42%	2.834%
17	10.734	1310	1317	1324	rBV6	14005	37521	0.25%	0.024%
18	11.887	1507	1513	1515	rBV5	8192	16447	0.11%	0.011%
19	11.951	1519	1524	1532	rVV3	41512	77892	0.52%	0.050%
20	13.069	1709	1714	1717	rBV4	13161	15271	0.10%	0.010%
21	13.645	1805	1812	1816	rBV	5046659	7139418	47.49%	4.574%
22	13.692	1816	1820	1831	rVB	1179344	1602516	10.66%	1.027%
23	13.916	1851	1858	1869	rBV	5741769	8435289	56.11%	5.404%
24	14.157	1892	1899	1904	rBV5	14071	21508	0.14%	0.014%
25	14.228	1904	1911	1919	rBV2	3312605	5161156	34.33%	3.307%
26	14.434	1939	1946	1968	rBV	2247355	3536646	23.52%	2.266%
27	14.592	1971	1973	1979	rVV5	11386	18721	0.12%	0.012%
28	14.669	1979	1986	1992	rVV9	16633	33322	0.22%	0.021%
29	14.839	2012	2015	2019	rBV5	10280	16455	0.11%	0.011%
30	15.051	2047	2051	2056	rBV5	10216	17645	0.12%	0.011%
31	15.110	2057	2061	2066	rVB4	21257	26711	0.18%	0.017%
32	15.228	2074	2081	2089	rBV	7275754	10290526	68.45%	6.593%
33	15.351	2095	2102	2117	rBV	2254604	3201459	21.29%	2.051%
34	15.469	2117	2122	2128	rVB	92855	135872	0.90%	0.087%

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35	15.910	2194	2197	2204	rBV7	10733	20712	0.14%	0.013%
36	15.975	2205	2208	2211	rVV5	17877	23419	0.16%	0.015%
37	16.010	2211	2214	2222	rVB5	36218	60339	0.40%	0.039%
38	16.663	2322	2325	2329	rVB6	17436	22103	0.15%	0.014%
39	16.769	2339	2343	2347	rBV2	26682	42026	0.28%	0.027%
40	16.981	2372	2379	2384	rBV	4734982	6673393	44.39%	4.276%
41	17.016	2384	2385	2389	rVV	50543	47558	0.32%	0.030%
42	17.081	2389	2396	2405	rVV	7974089	11421603	75.97%	7.318%
43	17.186	2411	2414	2419	rVB6	12809	21832	0.15%	0.014%
44	17.357	2439	2443	2447	rBV3	10744	21449	0.14%	0.014%
45	17.510	2465	2469	2473	rBV5	12876	22481	0.15%	0.014%
46	17.869	2525	2530	2531	rBV3	15017	20141	0.13%	0.013%
47	17.910	2531	2537	2558	rBV	1725049	2867663	19.07%	1.837%
48	18.210	2584	2588	2591	rBV4	23502	32303	0.21%	0.021%
49	18.586	2649	2652	2655	rBV5	16076	23232	0.15%	0.015%
50	18.786	2683	2686	2689	rBV5	16715	21923	0.15%	0.014%
51	18.851	2692	2697	2701	rBV3	42913	58431	0.39%	0.037%
52	19.022	2721	2726	2729	rBV	103172	166347	1.11%	0.107%
53	19.057	2729	2732	2734	rVV4	24681	38108	0.25%	0.024%
54	19.204	2752	2757	2766	rBV	658220	1067689	7.10%	0.684%
55	19.275	2766	2769	2775	rVB	132620	189411	1.26%	0.121%
56	19.392	2780	2789	2795	rVV	10278299	13953357	92.81%	8.940%
57	19.439	2795	2797	2800	rVB	91321	87217	0.58%	0.056%
58	19.945	2880	2883	2885	rBV3	31119	38611	0.26%	0.025%
59	19.980	2885	2889	2892	rVB	157534	174468	1.16%	0.112%
60	20.351	2950	2952	2959	rVB5	44085	48378	0.32%	0.031%
61	20.416	2960	2963	2966	rVB4	37072	44134	0.29%	0.028%
62	20.480	2969	2974	2979	rBV	197957	251217	1.67%	0.161%
63	20.945	3048	3053	3071	rBV	2342597	3535280	23.51%	2.265%
64	21.204	3091	3097	3103	rBV	6385513	7973713	53.04%	5.109%
65	21.392	3126	3129	3134	rBV	279742	366200	2.44%	0.235%
66	21.827	3199	3203	3219	rBV	397154	802994	5.34%	0.514%
67	22.286	3277	3281	3285	rBV	539003	644737	4.29%	0.413%
68	22.410	3298	3302	3309	rVB	213262	276533	1.84%	0.177%
69	22.686	3345	3349	3355	rVB3	80337	124825	0.83%	0.080%
70	22.780	3361	3365	3371	rBV	654917	936193	6.23%	0.600%
71	23.268	3439	3448	3455	rBV2	7929843	15034453	100.00%	9.633%

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72	23.339	3455	3460	3464	rVV	802672	1231820	8.19%	0.789%
73	23.398	3464	3470	3479	rVB2	4558084	8400013	55.87%	5.382%
74	23.974	3561	3568	3574	rBV	737837	1357500	9.03%	0.870%
75	24.051	3576	3581	3594	rVB	352270	762109	5.07%	0.488%
76	24.698	3684	3691	3698	rBV	635955	1337063	8.89%	0.857%
77	25.545	3828	3835	3850	rVB	453936	1131245	7.52%	0.725%
78	26.545	3997	4005	4015	rBV2	374491	978487	6.51%	0.627%

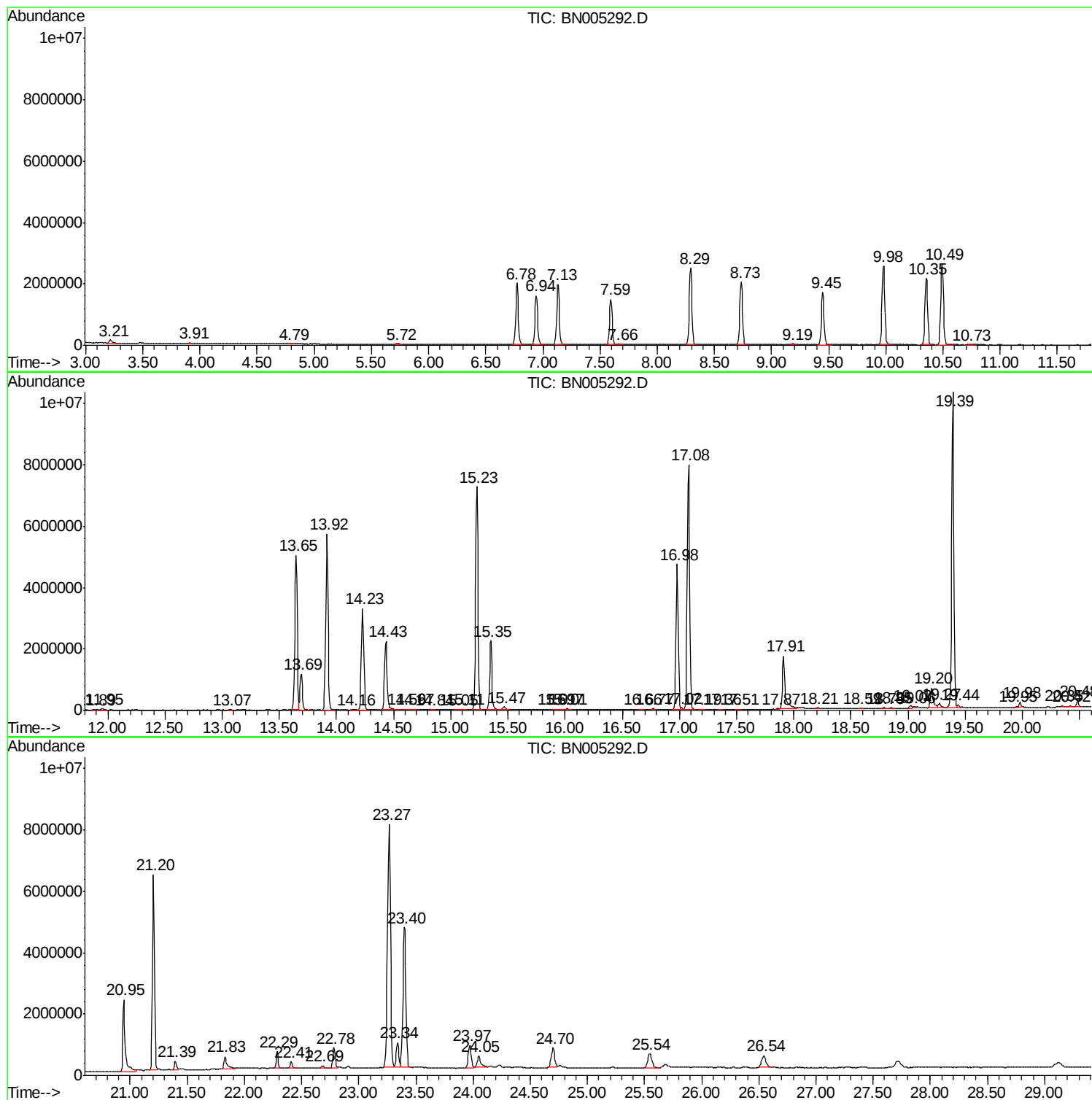
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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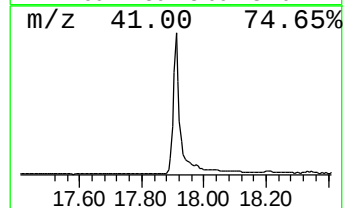
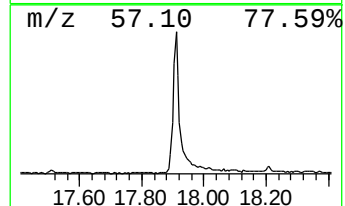
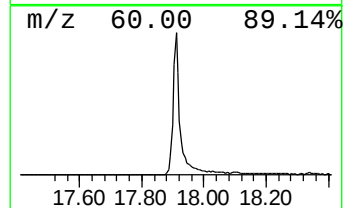
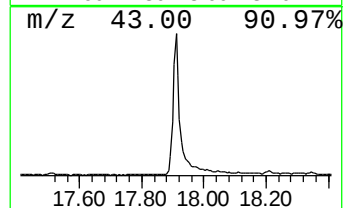
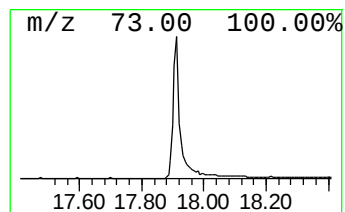
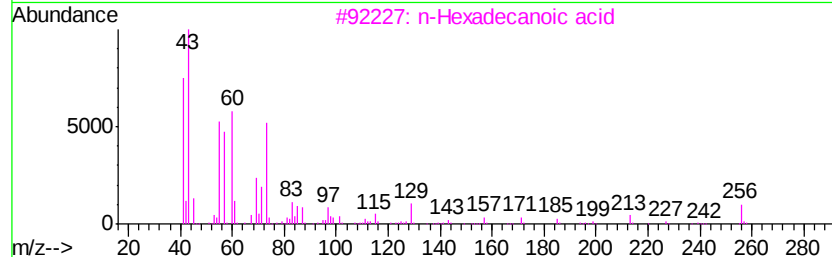
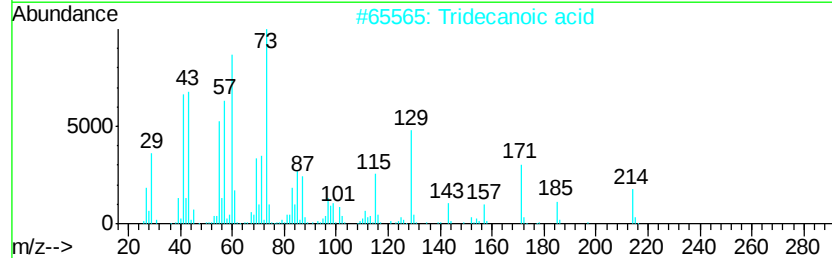
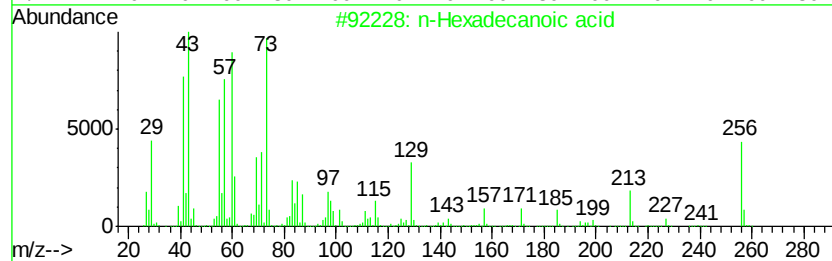
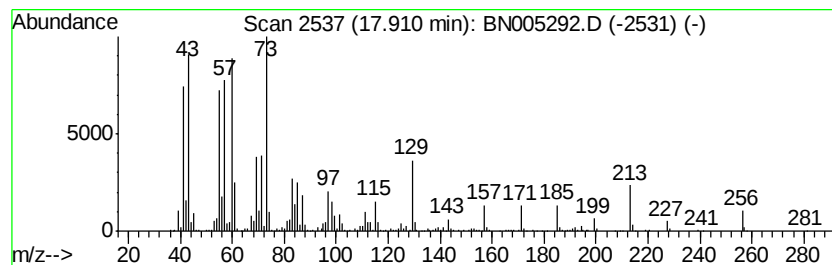
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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.	
17.91	8.59 ng/ul	2867660	Phenanthrene-d10			16.98	
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			Tridecanoic acid	214	C13H26O2	000638-53-9	94
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5			Tridecanoic acid	214	C13H26O2	000638-53-9	70



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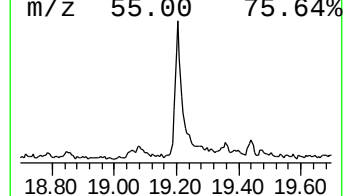
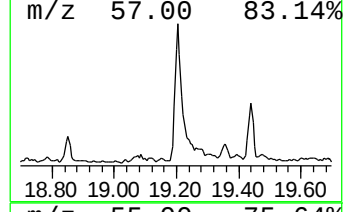
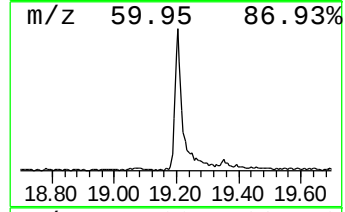
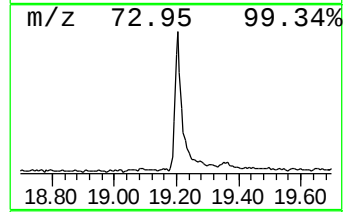
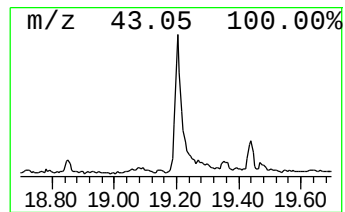
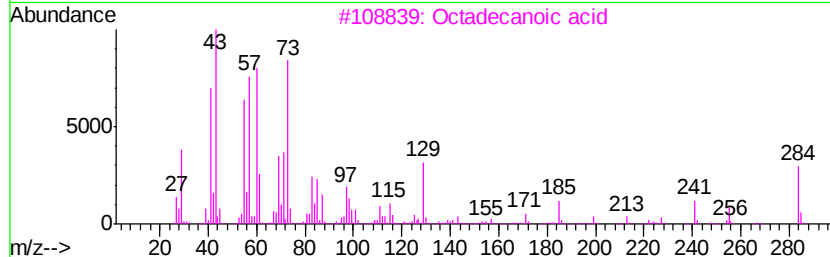
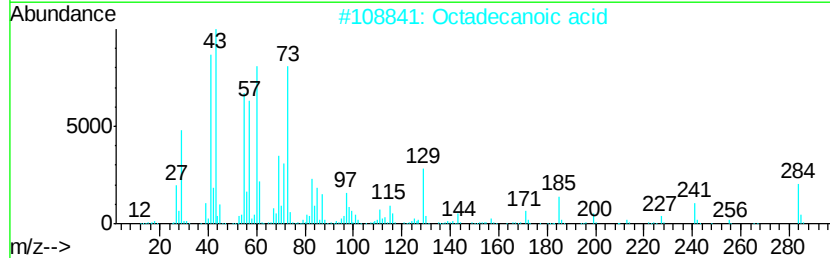
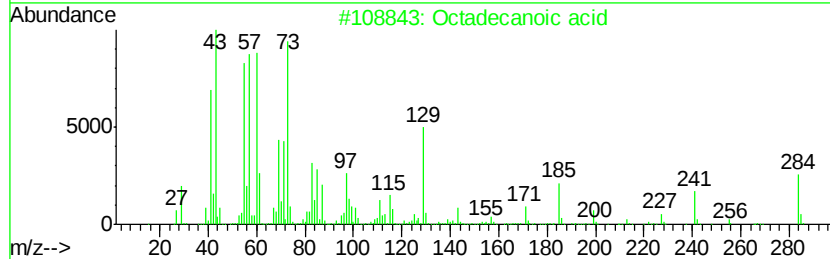
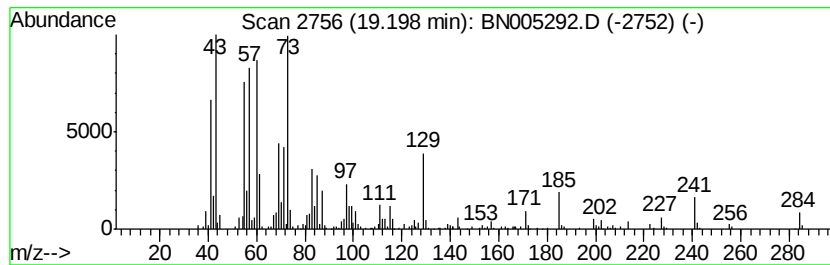
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	2.68 ng/ul	1067690	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecanoic acid	284 C18H36O2	000057-11-4	99
2	Octadecanoic acid	284 C18H36O2	000057-11-4	96
3	Octadecanoic acid	284 C18H36O2	000057-11-4	95
4	Octadecanoic acid	284 C18H36O2	000057-11-4	95
5	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	93



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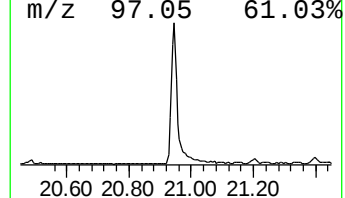
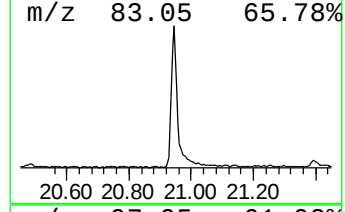
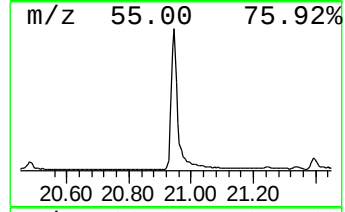
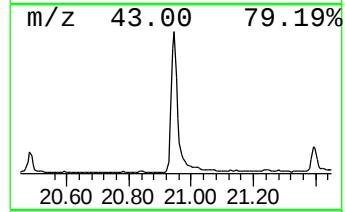
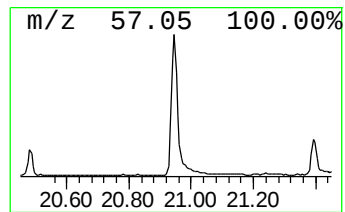
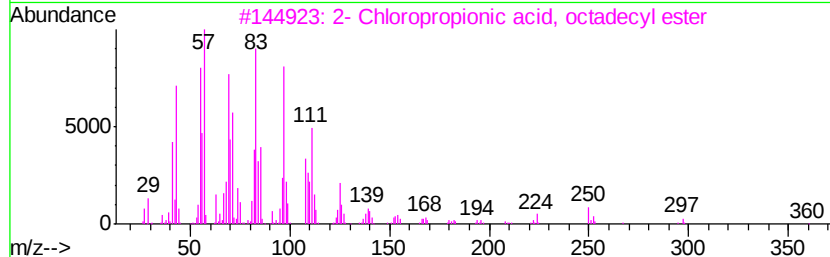
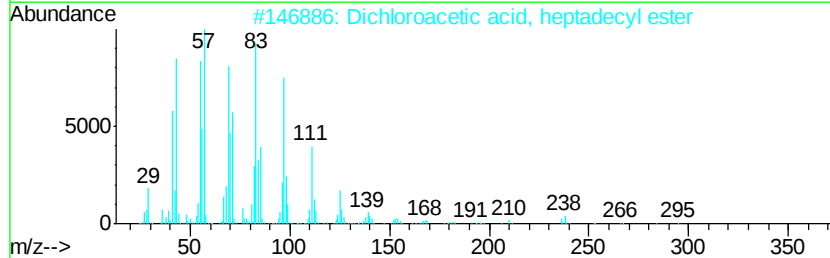
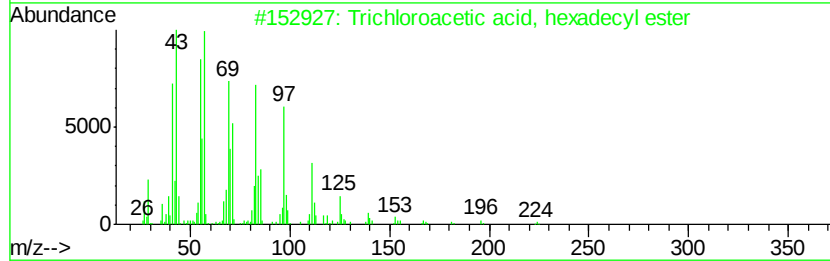
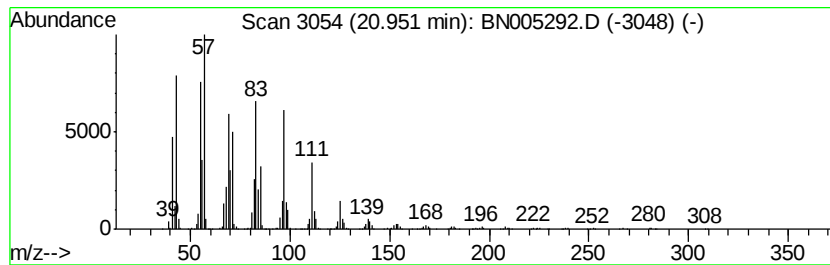
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	8.87 ng/ul	3535280	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
4		1-Docosene	308	C22H44	001599-67-3	91
5		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91



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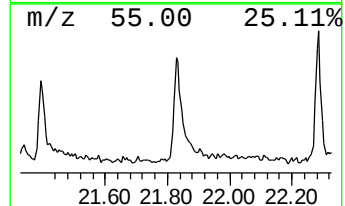
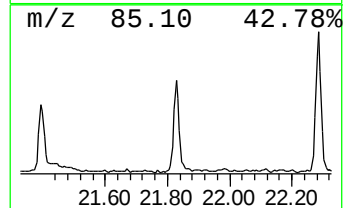
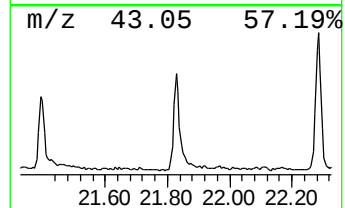
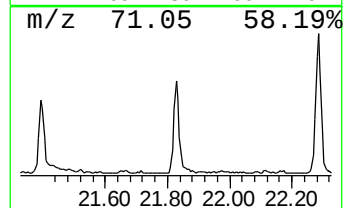
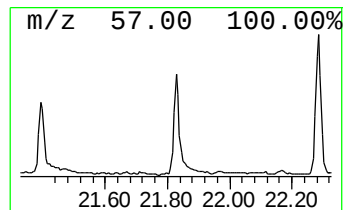
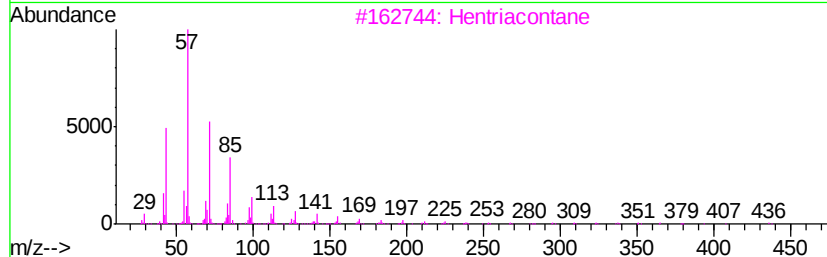
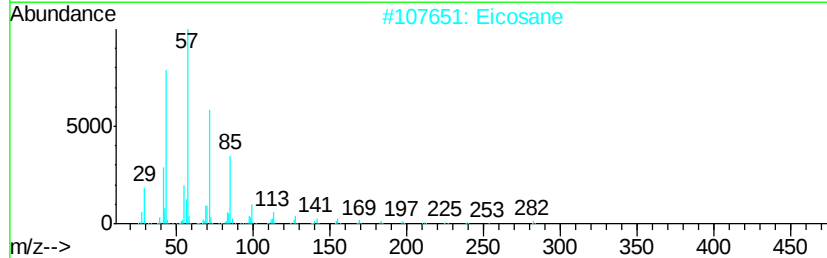
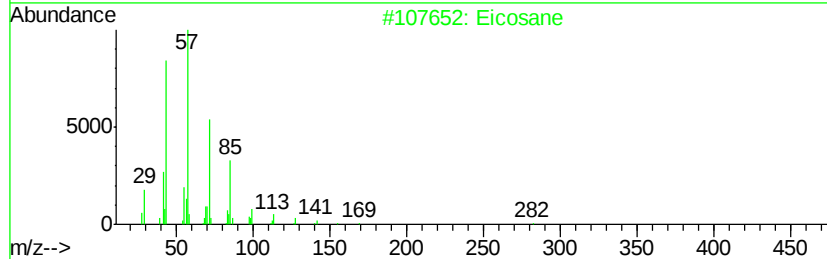
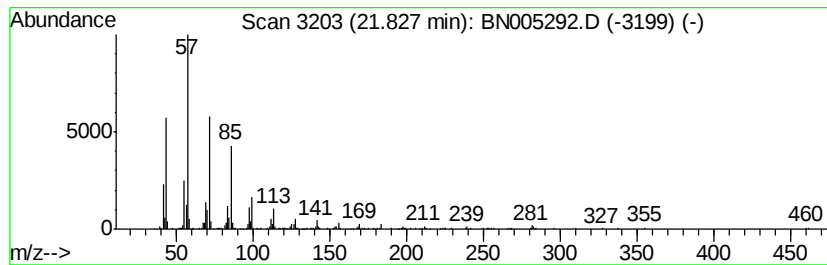
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	2.01 ng/ul	802994	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Eicosane	282	C20H42	000112-95-8	95
3		Hentriacontane	437	C31H64	000630-04-6	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005292.D
Acq On : 25 Apr 2019 22:25
Operator : JU/SJ
Sample : K2481-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW3

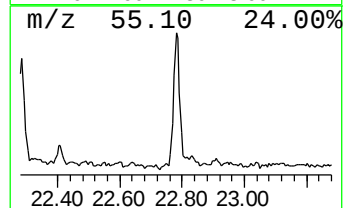
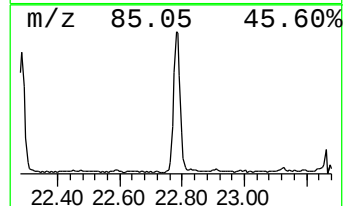
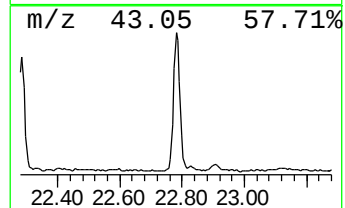
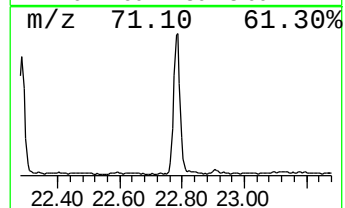
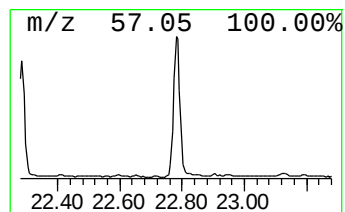
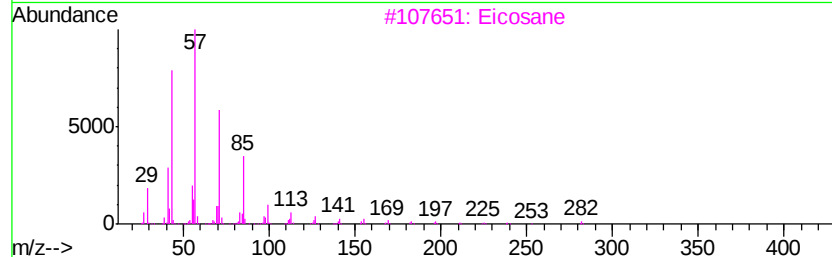
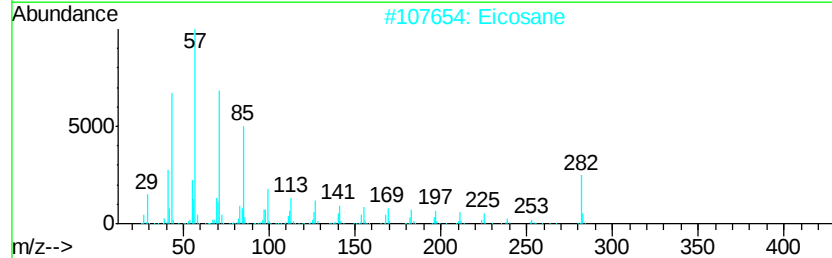
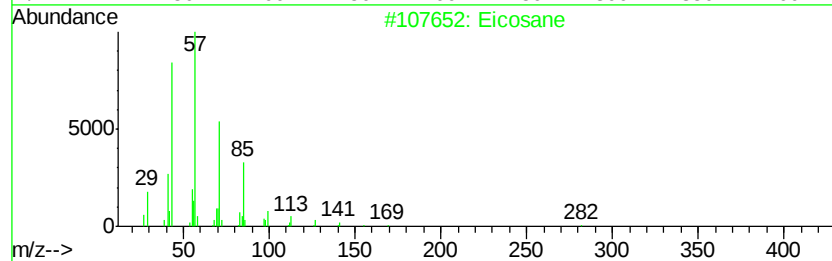
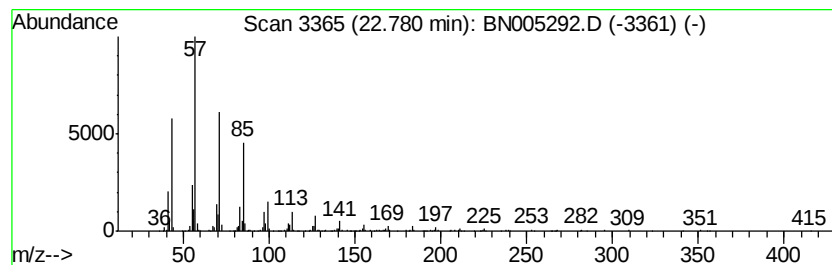
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.78	2.23 ng/ul	936193	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Eicosane	282	C20H42	000112-95-8	95
3		Eicosane	282	C20H42	000112-95-8	95
4		Heptadecane, 3-methyl-	254	C18H38	006418-44-6	94
5		Nonacosane	408	C29H60	000630-03-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005292.D
Acq On : 25 Apr 2019 22:25
Operator : JU/SJ
Sample : K2481-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW3

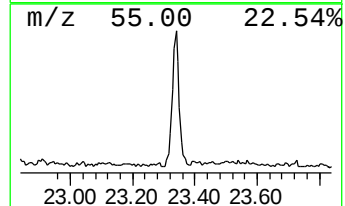
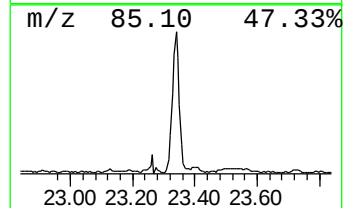
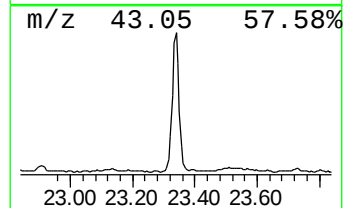
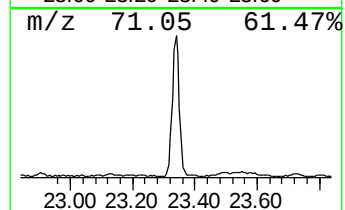
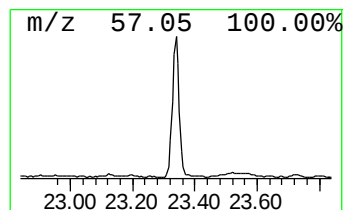
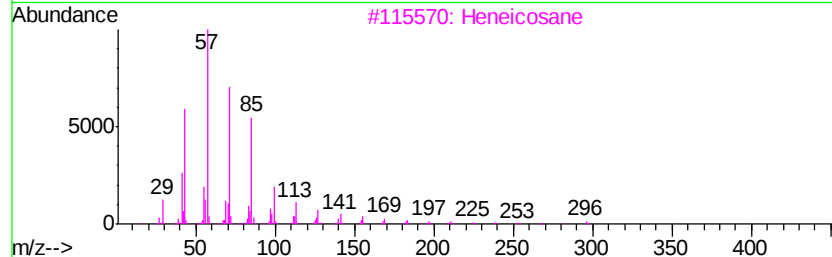
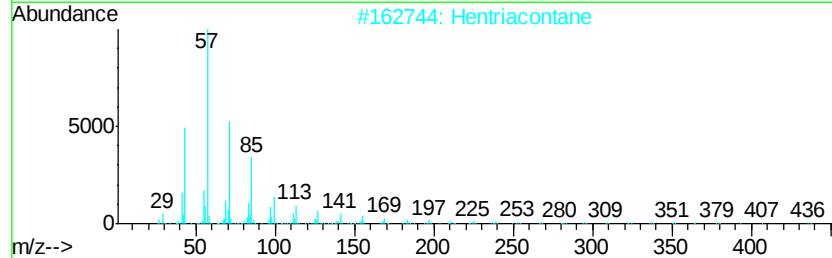
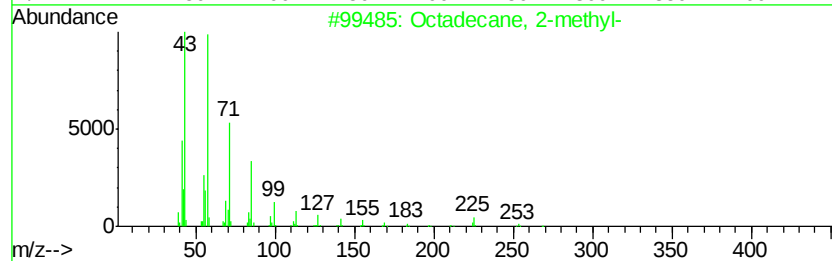
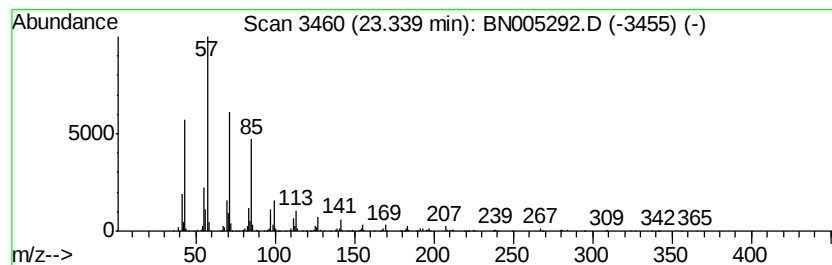
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.34	2.93 ng/ul	1231820	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Docosane	310	C22H46	000629-97-0	91
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005292.D
Acq On : 25 Apr 2019 22:25
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Sample : K2481-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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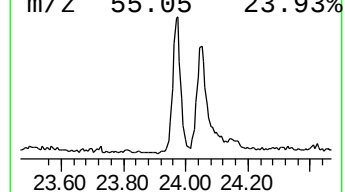
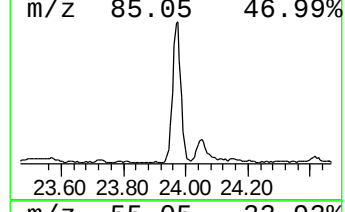
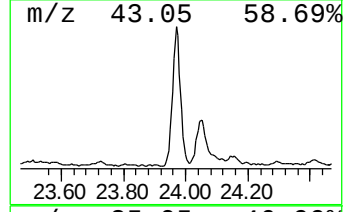
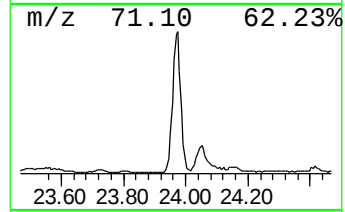
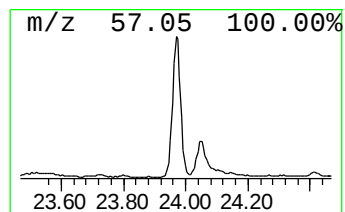
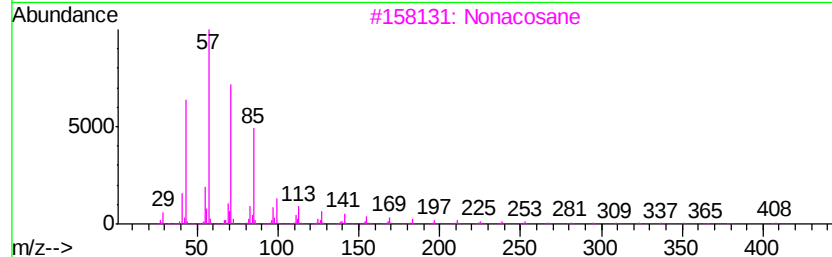
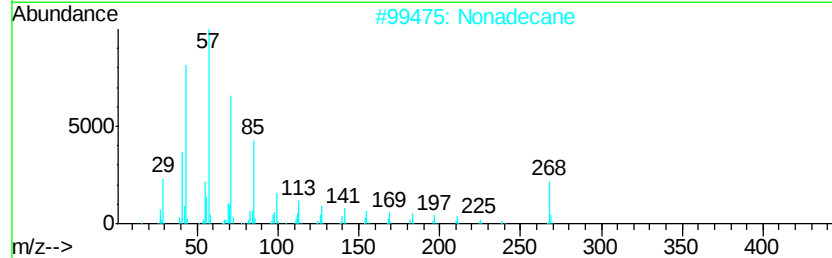
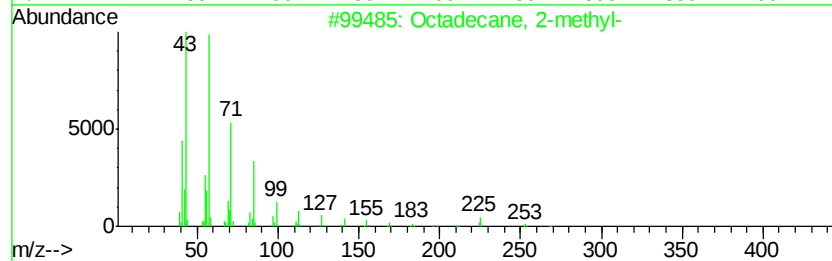
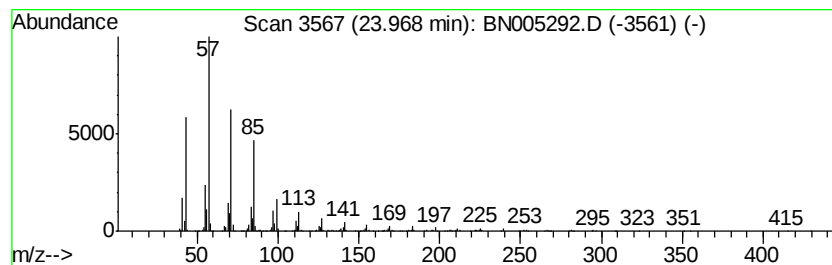
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	3.23 ng/ul	1357500	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
2		Nonadecane	268	C19H40	000629-92-5	93
3		Nonacosane	408	C29H60	000630-03-5	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\BN042519\
Data File : BN005292.D
Acq On : 25 Apr 2019 22:25
Operator : JU/SJ
Sample : K2481-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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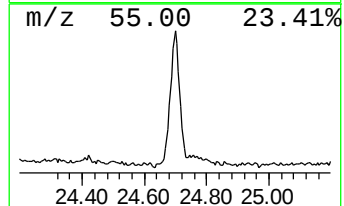
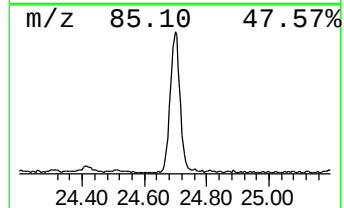
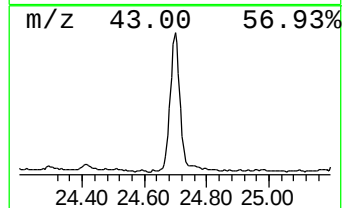
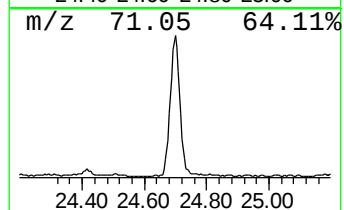
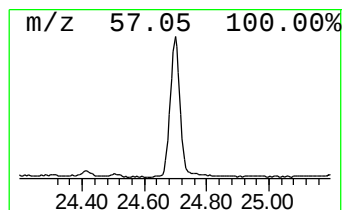
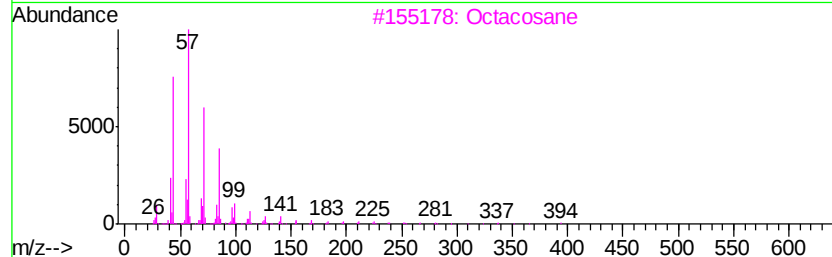
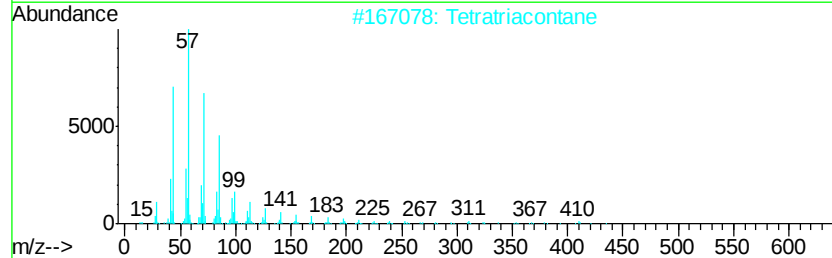
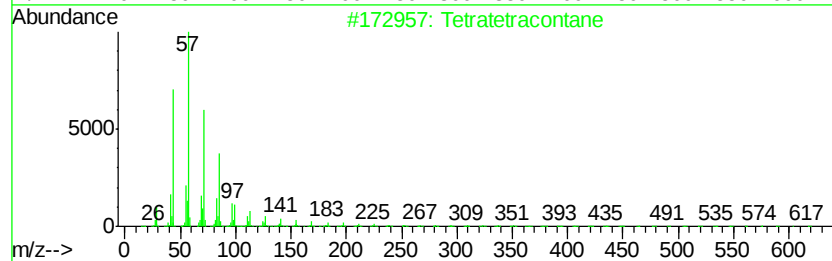
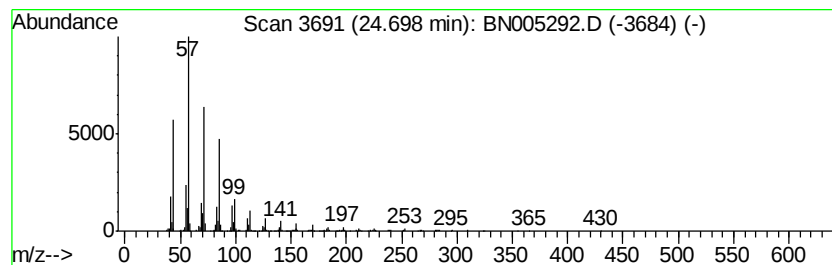
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.70	3.18 ng/ul	1337060	Perylene-d12	23.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	91
2			Tetratriacontane	479	C34H70	014167-59-0	91
3			Octacosane	394	C28H58	000630-02-4	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Eicosane	282	C20H42	000112-95-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005292.D
Acq On : 25 Apr 2019 22:25
Operator : JU/SJ
Sample : K2481-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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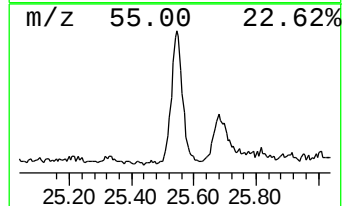
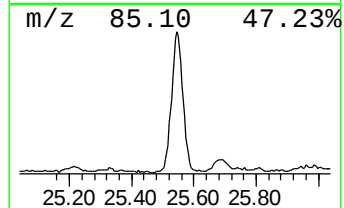
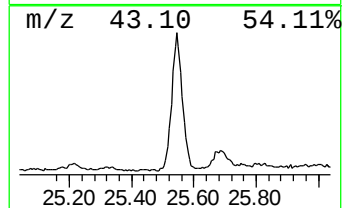
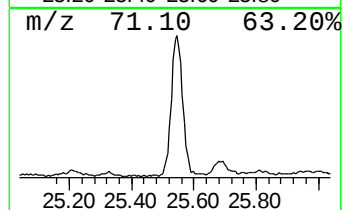
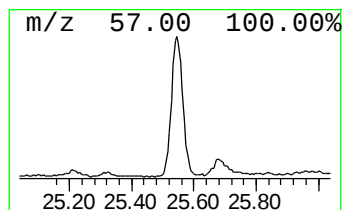
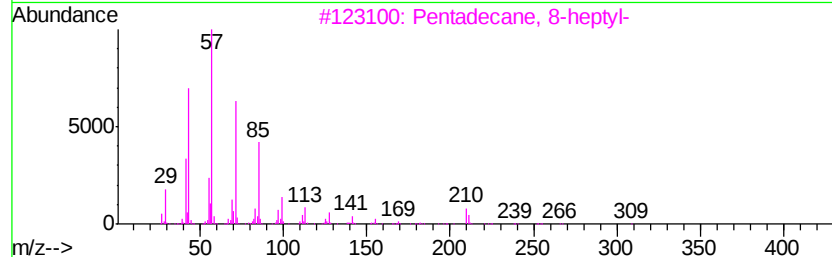
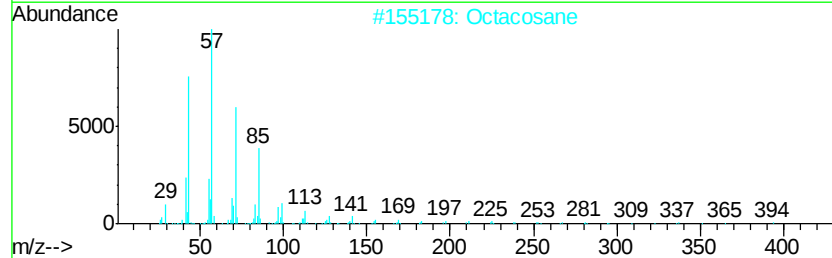
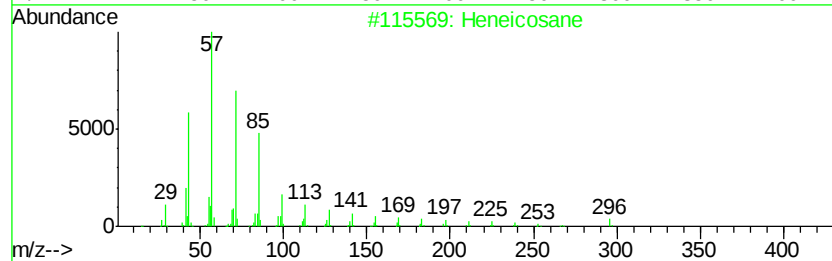
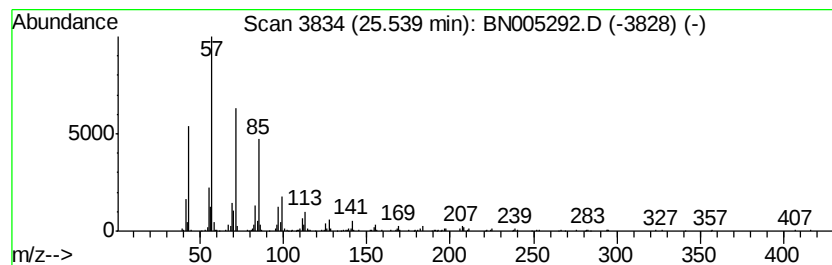
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.54	2.69 ng/ul	1131250	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	93
2		Octacosane	394	C28H58	000630-02-4	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Hentriacontane	437	C31H64	000630-04-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005292.D
Acq On : 25 Apr 2019 22:25
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Sample : K2481-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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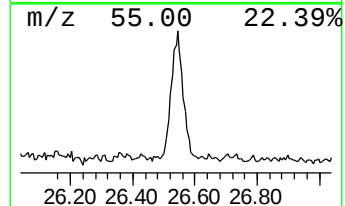
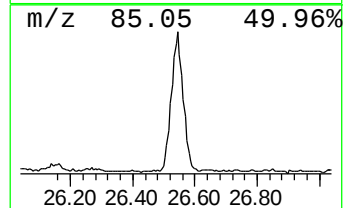
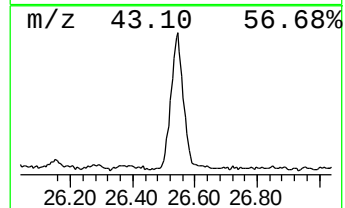
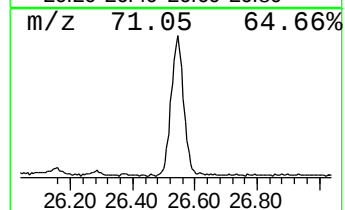
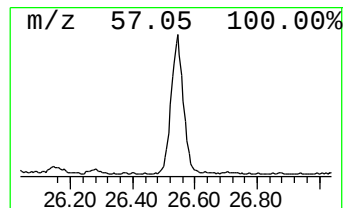
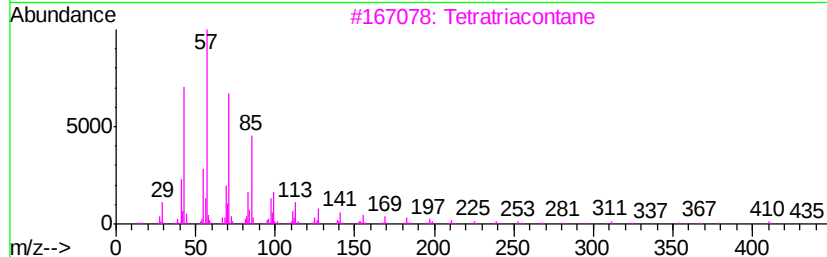
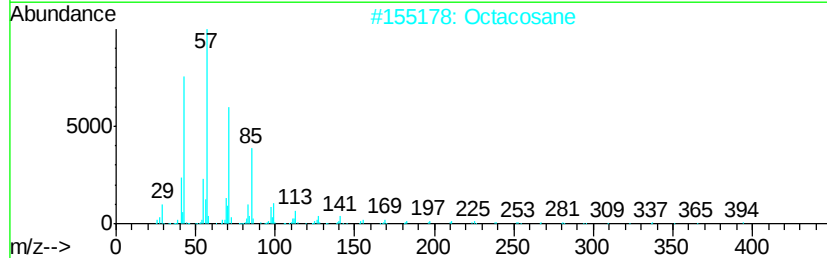
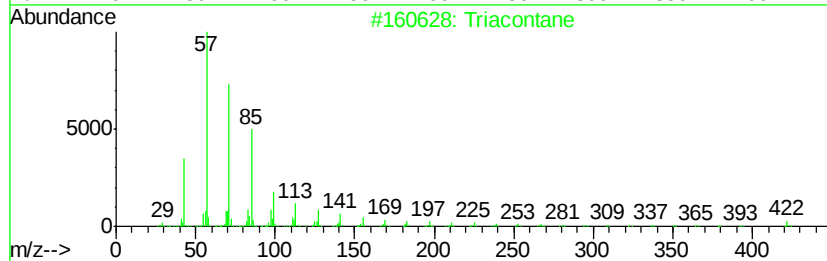
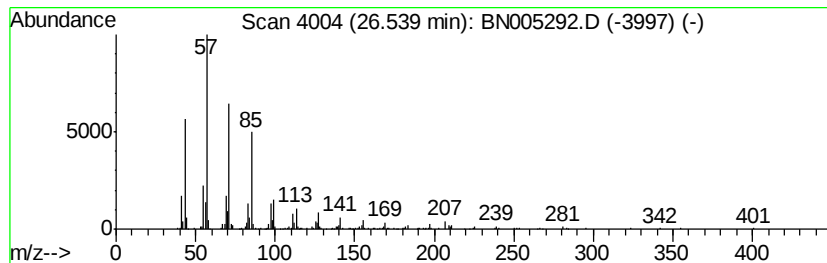
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.54	2.33 ng/ul	978487	Perylene-d12	23.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triacontane	422	C30H62	000638-68-6	91
2			Octacosane	394	C28H58	000630-02-4	91
3			Tetratriacontane	479	C34H70	014167-59-0	91
4			Nonacosane	408	C29H60	000630-03-5	91
5			Docosane	310	C22H46	000629-97-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
 Data File : BN005292.D
 Acq On : 25 Apr 2019 22:25
 Operator : JU/SJ
 Sample : K2481-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHW3

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	19.20	2.7	ng/ul	1067690	5	21.20	7973710	20.0
Trichloroacetic a...	20.95	8.9	ng/ul	3535280	5	21.20	7973710	20.0
(DEL) Alkane: Str...	21.83	2.0	ng/ul	802994	5	21.20	7973710	20.0
(DEL) Alkane: Str...	22.78	2.2	ng/ul	936193	6	23.40	8400010	20.0
(DEL) Alkane: Str...	23.34	2.9	ng/ul	1231820	6	23.40	8400010	20.0
(DEL) Alkane: Str...	23.97	3.2	ng/ul	1357500	6	23.40	8400010	20.0
(DEL) Alkane: Str...	24.70	3.2	ng/ul	1337060	6	23.40	8400010	20.0
(DEL) Alkane: Str...	25.54	2.7	ng/ul	1131250	6	23.40	8400010	20.0
(DEL) Alkane: Str...	26.54	2.3	ng/ul	978487	6	23.40	8400010	20.0