

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030819\
 Data File : BN004699.D
 Acq On : 09 Mar 2019 06:45
 Operator : JU/SJ
 Sample : K1796-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF5Q3

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	3.223	38	40	46	rVB	3601	4259	0.38%	0.045%
2	3.946	158	163	170	rVB	5063	6614	0.59%	0.070%
3	6.881	657	662	668	rBB	30282	43239	3.88%	0.455%
4	7.058	687	692	703	rBB	83366	131333	11.77%	1.383%
5	7.252	719	725	731	rBB	107157	163454	14.65%	1.721%
6	7.322	734	737	742	rBB	1404	1901	0.17%	0.020%
7	7.722	799	805	811	rBB	105119	160250	14.36%	1.687%
8	8.416	917	923	929	rBB	98191	145784	13.07%	1.535%
9	8.881	996	1002	1009	rBB	123330	191307	17.15%	2.014%
10	9.593	1118	1123	1130	rBB	108106	167484	15.01%	1.763%
11	10.122	1207	1213	1221	rBB	184908	293111	26.27%	3.086%
12	10.504	1271	1278	1285	rBB	172541	275194	24.66%	2.897%
13	10.646	1298	1302	1308	rBB	4527	6693	0.60%	0.070%
14	12.093	1545	1548	1552	rBB	2208	2827	0.25%	0.030%
15	13.775	1827	1834	1840	rBB	369868	512328	45.92%	5.394%
16	14.057	1875	1882	1888	rBV	430982	629988	56.46%	6.632%
17	14.363	1928	1934	1940	rBB2	288039	426754	38.25%	4.493%
18	14.563	1963	1968	1974	rBB	34541	47011	4.21%	0.495%
19	15.104	2057	2060	2062	rBB	1528	1333	0.12%	0.014%
20	15.357	2097	2103	2109	rBB	570093	805478	72.19%	8.480%
21	15.481	2119	2124	2130	rBB	172813	224310	20.10%	2.361%
22	15.592	2140	2143	2147	rBB	4461	4694	0.42%	0.049%
23	17.110	2395	2401	2407	rBV2	402823	548159	49.13%	5.771%
24	17.210	2412	2418	2427	rVB	651109	912002	81.74%	9.601%
25	17.463	2458	2461	2464	rBB	4050	4597	0.41%	0.048%
26	17.992	2547	2551	2560	rBB	46493	56545	5.07%	0.595%
27	18.510	2636	2639	2643	rBV	893	1603	0.14%	0.017%
28	18.698	2668	2671	2674	rBV	1200	1164	0.10%	0.012%
29	19.139	2741	2746	2750	rBV	6254	7553	0.68%	0.080%
30	19.280	2766	2770	2781	rBV	57388	71388	6.40%	0.752%
31	19.398	2786	2790	2795	rBV	4642	5676	0.51%	0.060%
32	19.510	2803	2809	2817	rBV	819461	1115781	100.00%	11.746%
33	20.298	2940	2943	2946	rVB	2590	2686	0.24%	0.028%
34	20.539	2980	2984	2987	rVB2	2025	1751	0.16%	0.018%

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35	20.727	3011	3016	3018	rBV2	791	1293	0.12%	0.014%
36	21.004	3060	3063	3067	rBV	4135	3902	0.35%	0.041%
37	21.310	3109	3115	3120	rBV	498817	636335	57.03%	6.699%
38	21.445	3134	3138	3142	rVB	16022	17043	1.53%	0.179%
39	21.874	3207	3211	3215	rBV	30179	36313	3.25%	0.382%
40	21.986	3228	3230	3233	rBV3	1524	1311	0.12%	0.014%
41	22.339	3285	3290	3295	rBV	52678	65397	5.86%	0.688%
42	22.845	3369	3376	3381	rVB	55780	82225	7.37%	0.866%
43	23.421	3466	3474	3484	rVB2	536663	972685	87.18%	10.240%
44	23.569	3491	3499	3507	rBV2	268679	517581	46.39%	5.449%
45	24.063	3577	3583	3589	rVB	43371	74079	6.64%	0.780%
46	24.810	3704	3710	3718	rVB	28286	59392	5.32%	0.625%
47	25.686	3853	3859	3868	rVB2	13203	32903	2.95%	0.346%
48	26.709	4029	4033	4042	rVB4	9205	24256	2.17%	0.255%

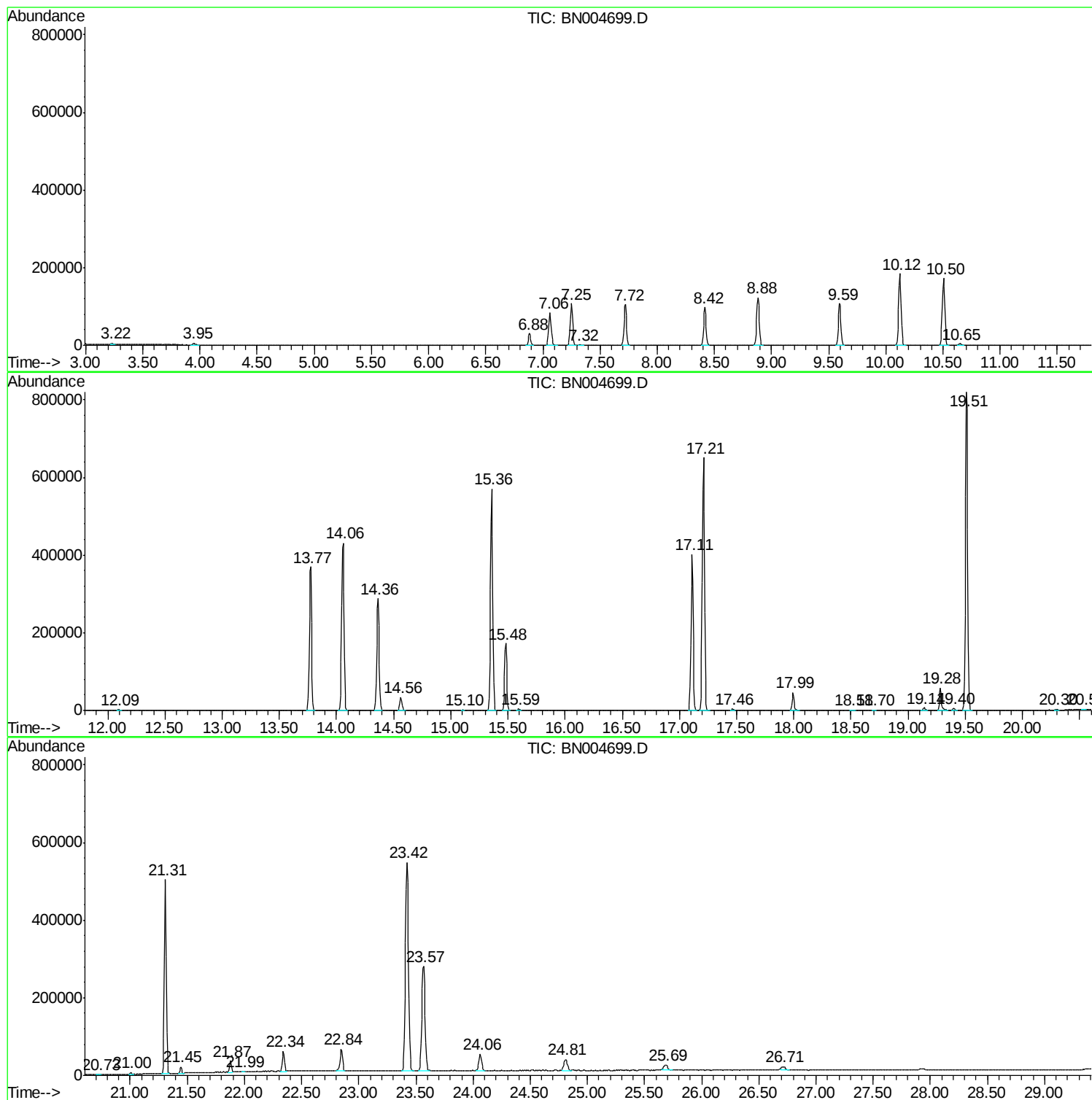
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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



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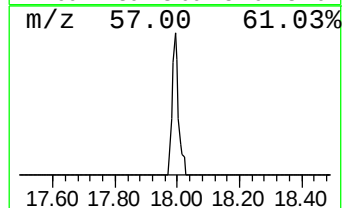
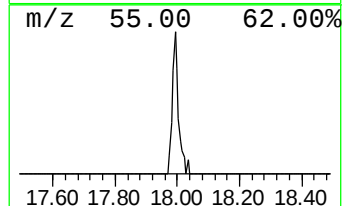
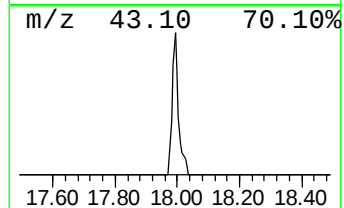
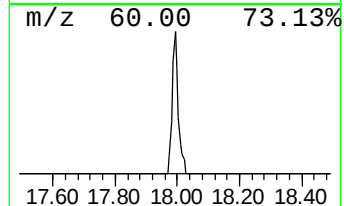
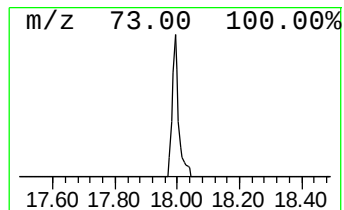
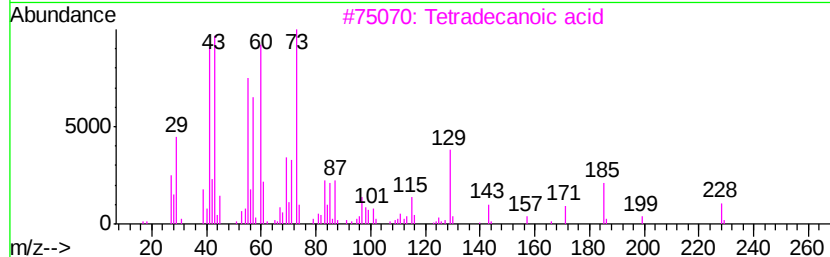
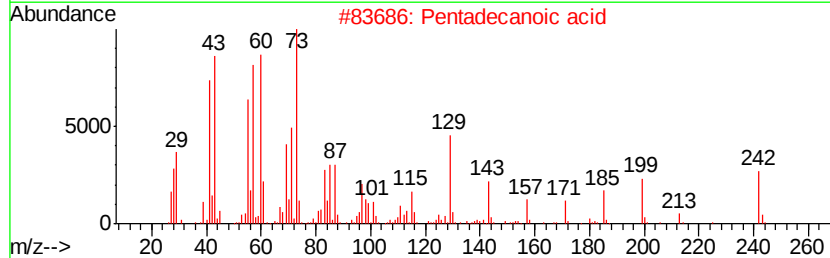
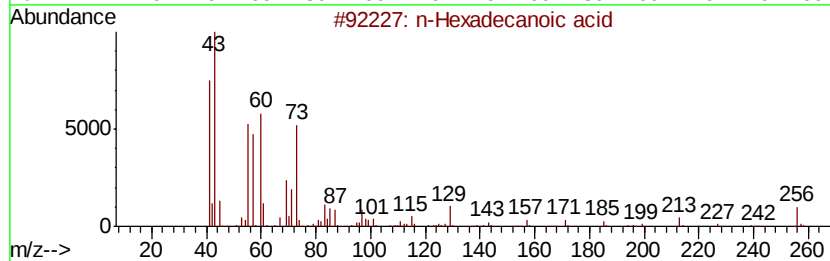
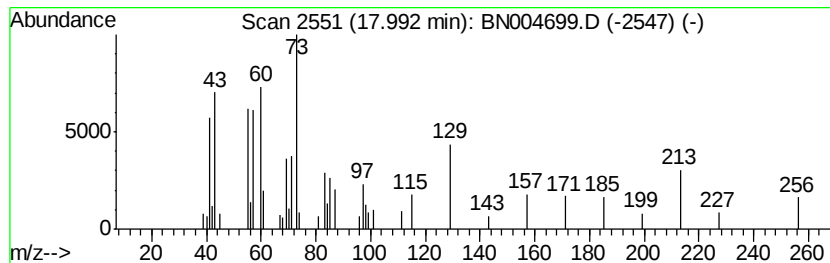
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 Quant Title : SVOA CALIBRATION

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

 Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.99	2.06 ng/ul	56545	Phenanthrene-d10	17.11	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	59
5	Tridecanoic acid	214	C13H26O2	000638-53-9	59



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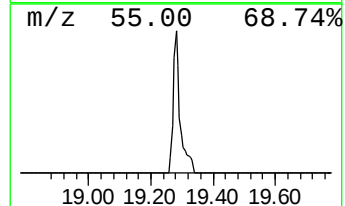
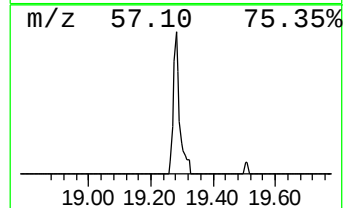
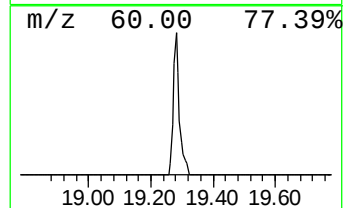
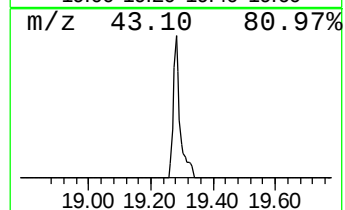
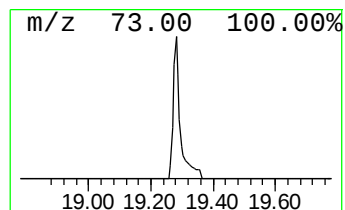
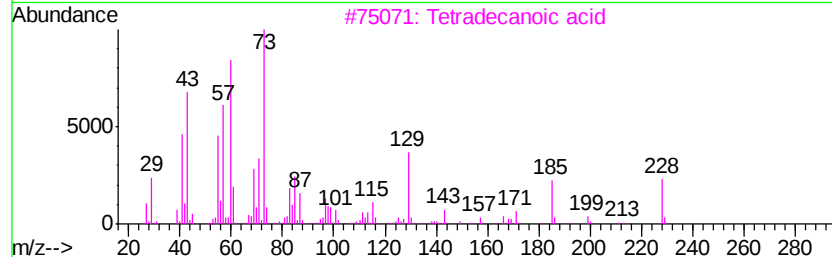
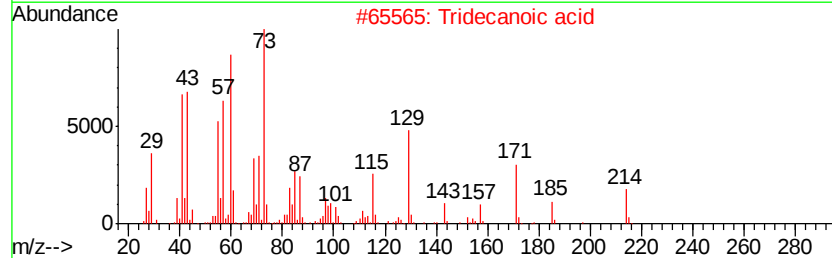
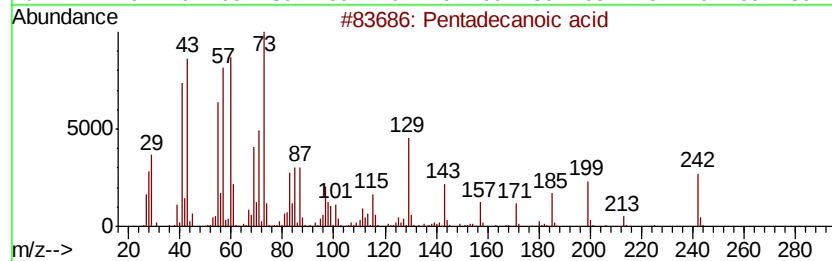
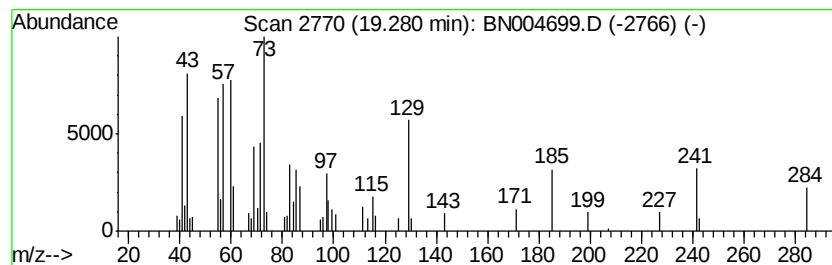
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Pentadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	2.24 ng/ul	71388	Chrysene-d12	21.31

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecanoic acid	242	C15H30O2	001002-84-2	89
2		Tridecanoic acid	214	C13H26O2	000638-53-9	53
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	53
4		n-Decanoic acid	172	C10H20O2	000334-48-5	50
5		Dodecane	170	C12H26	000112-40-3	11



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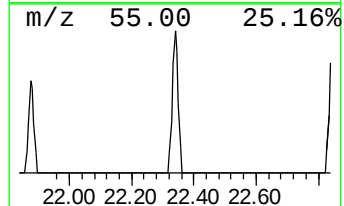
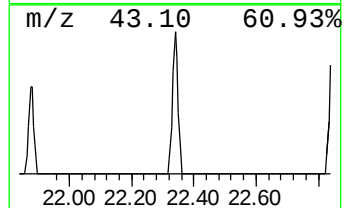
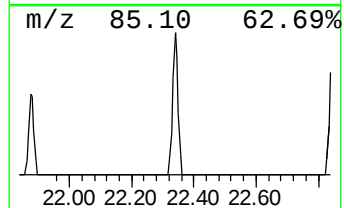
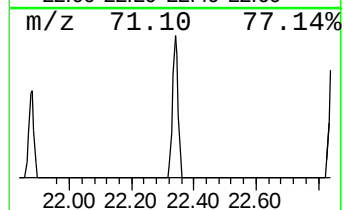
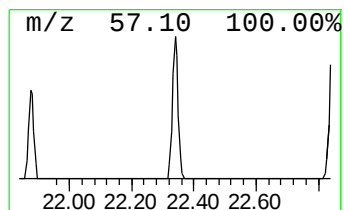
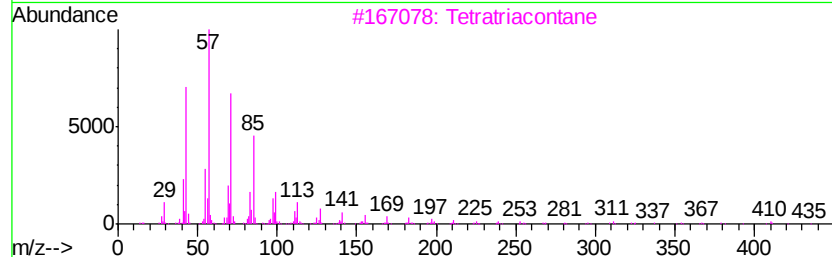
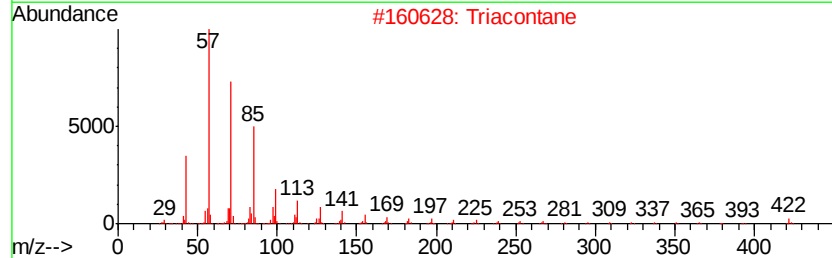
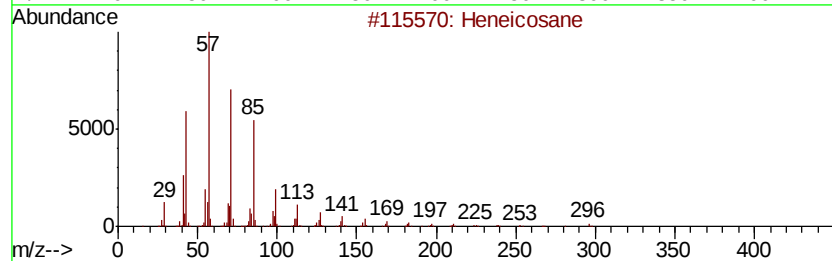
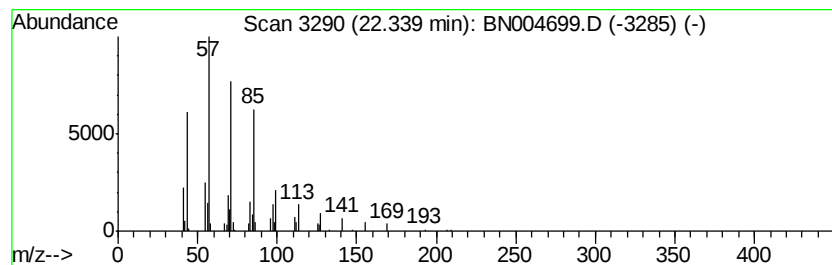
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.34	2.06 ng/ul	65397	Chrysene-d12	21.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Triacontane	422	C30H62	000638-68-6	91
3		Tetratriacontane	479	C34H70	014167-59-0	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heptadecane	240	C17H36	000629-78-7	91



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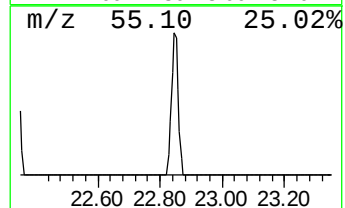
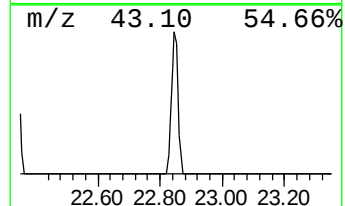
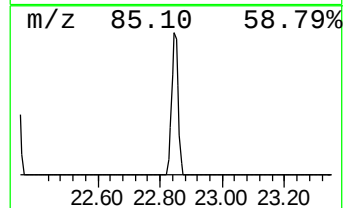
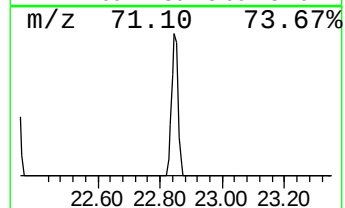
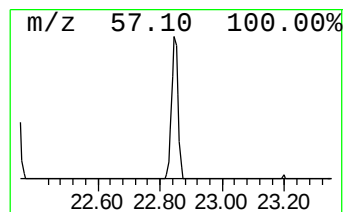
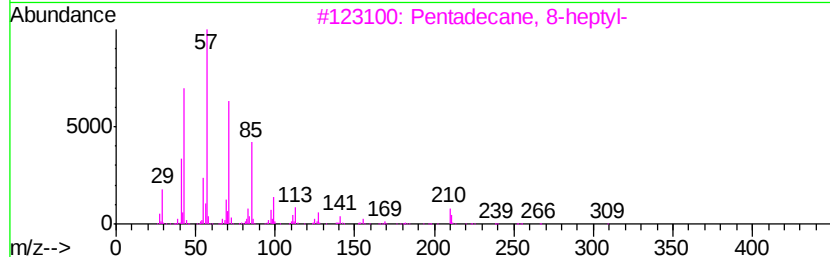
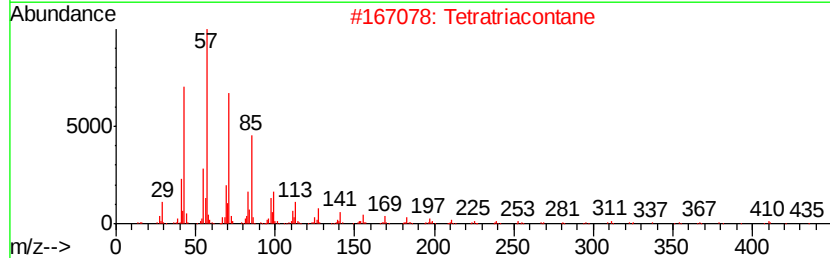
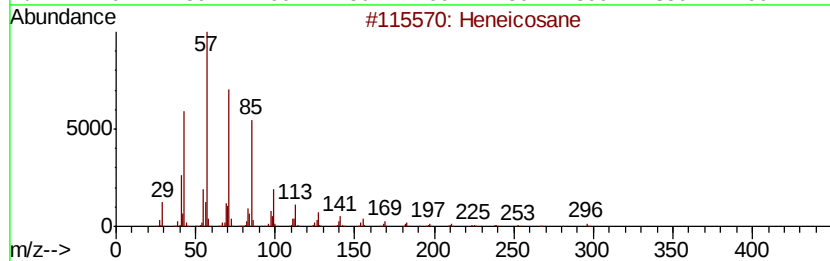
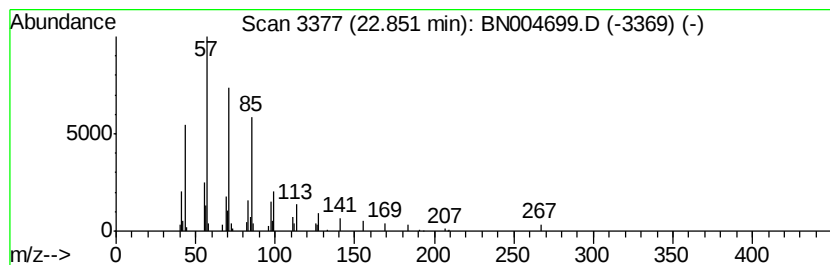
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.85	3.18 ng/ul	82225	Perylene-d12	23.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetratriacontane	479	C34H70	014167-59-0	91
3		Pentadecane, 8-heptvl-	310	C22H46	071005-15-7	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Octacosane	394	C28H58	000630-02-4	91



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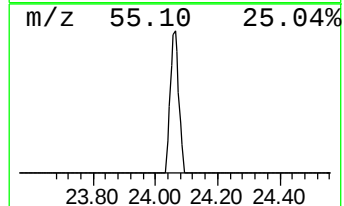
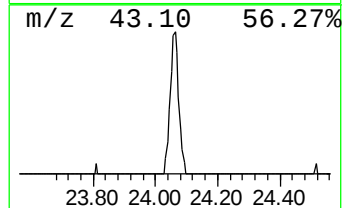
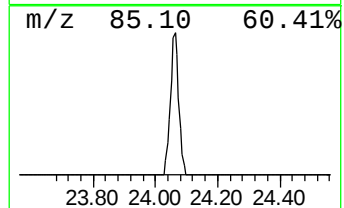
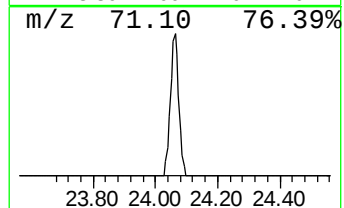
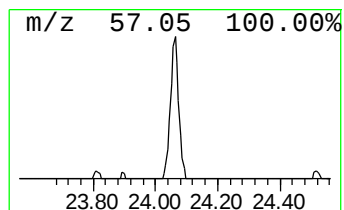
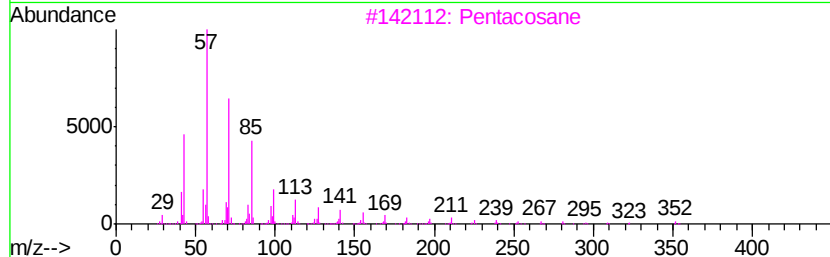
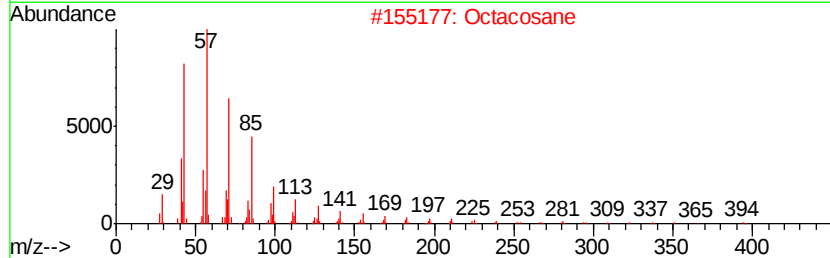
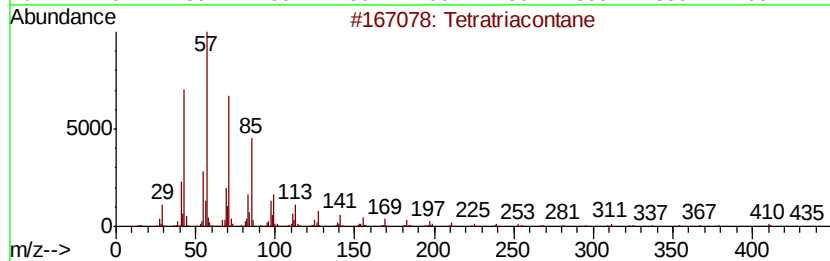
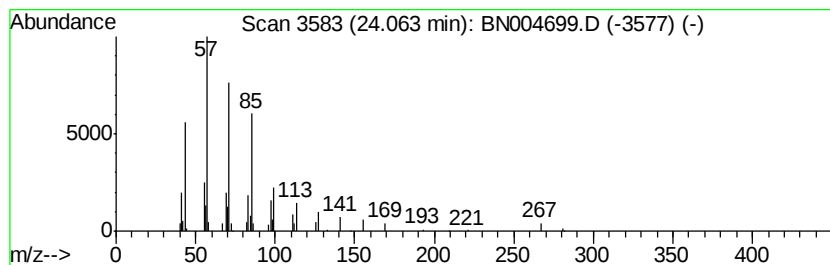
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	2.86 ng/ul	74079	Perylene-d12	23.57

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		Pentacosane	352	C25H52	000629-99-2	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030819\
Data File : BN004699.D
Acq On : 09 Mar 2019 06:45
Operator : JU/SJ
Sample : K1796-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF5Q3

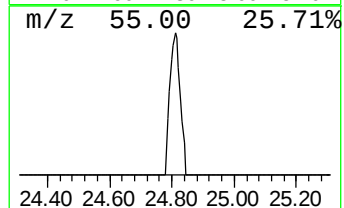
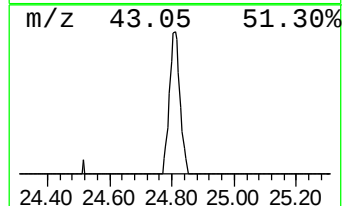
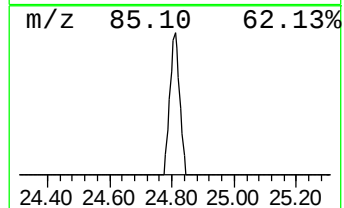
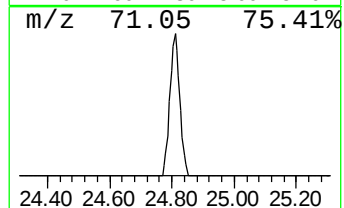
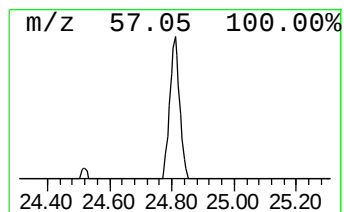
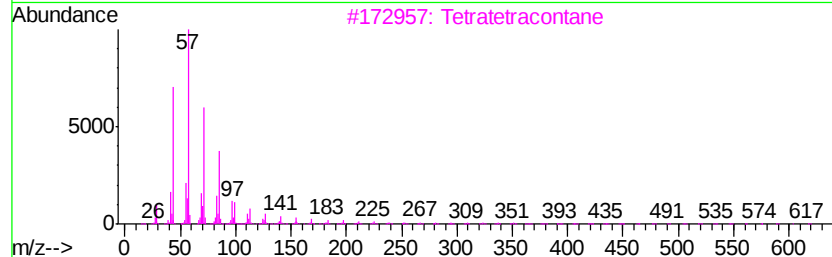
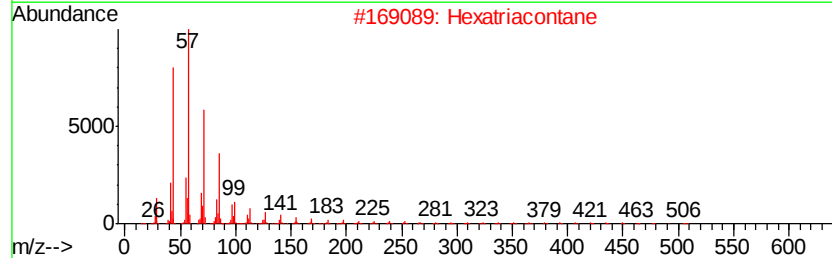
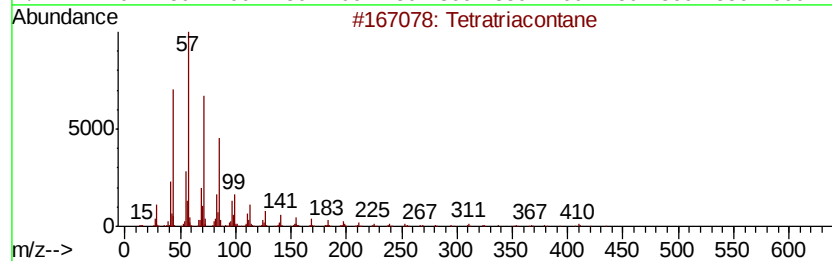
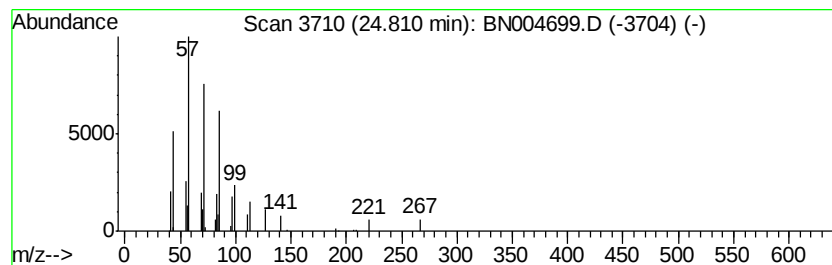
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Quant Title : SVOA CALIBRATION

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.
24.81	2.29 ng/ul	59392	Perylene-d12	23.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	91
2		Hexatriacontane	507	C36H74	000630-06-8	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90
5		Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030819\
Data File : BN004699.D
Acq On : 09 Mar 2019 06:45
Operator : JU/SJ
Sample : K1796-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF5Q3

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	2.1	ng/ul	56545	4	17.11	548159	20.0
Pentadecanoic acid	19.28	2.2	ng/ul	71388	5	21.31	636335	20.0
(DEL) Alkane: Str...	22.34	2.1	ng/ul	65397	5	21.31	636335	20.0
(DEL) Alkane: Str...	22.85	3.2	ng/ul	82225	6	23.57	517581	20.0
(DEL) Alkane: Str...	24.06	2.9	ng/ul	74079	6	23.57	517581	20.0
(DEL) Alkane: Str...	24.81	2.3	ng/ul	59392	6	23.57	517581	20.0