

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
 Data File : BN005761.D
 Acq On : 18 May 2019 19:55
 Operator : JU/SJ
 Sample : K2690-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5161

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-BN051819MA.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	3.187	32	34	38	rVB2	28807	30560	0.57%	0.063%
2	6.764	636	642	660	rVV	505571	996812	18.67%	2.070%
3	6.917	663	668	679	rVB	404932	688070	12.89%	1.429%
4	7.111	695	701	715	rVB	565205	965475	18.08%	2.005%
5	7.575	773	780	790	rBV	386833	684490	12.82%	1.422%
6	8.281	894	900	914	rVB	684754	1228062	23.00%	2.551%
7	8.722	968	975	988	rVB	571479	1032131	19.33%	2.144%
8	9.434	1090	1096	1114	rVB	523940	940772	17.62%	1.954%
9	9.975	1181	1188	1210	rBV	681147	1346908	25.23%	2.797%
10	10.334	1242	1249	1257	rVB	652150	1058172	19.82%	2.198%
11	10.481	1267	1274	1300	rVB	597193	1328527	24.88%	2.759%
12	11.975	1522	1528	1535	rVB3	8070	17438	0.33%	0.036%
13	13.628	1802	1809	1814	rBV	1541107	2273804	42.58%	4.722%
14	13.675	1814	1817	1829	rVB	316274	482048	9.03%	1.001%
15	13.904	1847	1856	1870	rBV	1706935	2728446	51.10%	5.667%
16	14.210	1902	1908	1922	rBV2	1044851	1618480	30.31%	3.361%
17	14.457	1944	1950	1970	rBV	419653	990400	18.55%	2.057%
18	15.081	2053	2056	2063	rVB3	5280	7752	0.15%	0.016%
19	15.216	2072	2079	2087	rBV	2263143	3346842	62.68%	6.951%
20	15.375	2100	2106	2116	rBV	575439	1059507	19.84%	2.200%
21	15.457	2116	2120	2130	rVB2	36889	63853	1.20%	0.133%
22	15.951	2199	2204	2206	rBV2	5701	8938	0.17%	0.019%
23	15.998	2209	2212	2220	rVB4	10080	15505	0.29%	0.032%
24	16.063	2220	2223	2229	rBV5	3898	6519	0.12%	0.014%
25	16.122	2229	2233	2239	rVB4	10484	14663	0.27%	0.030%
26	16.187	2239	2244	2246	rBV6	3819	7300	0.14%	0.015%
27	16.404	2278	2281	2285	rBV4	5526	8205	0.15%	0.017%
28	16.522	2298	2301	2305	rVB3	8023	8232	0.15%	0.017%
29	16.745	2335	2339	2343	rBV3	6327	11023	0.21%	0.023%
30	16.969	2371	2377	2387	rBV2	1563001	2140954	40.10%	4.446%
31	17.069	2387	2394	2408	rVV2	2327327	3686846	69.05%	7.657%
32	17.275	2424	2429	2434	rVB6	4007	7644	0.14%	0.016%
33	17.763	2508	2512	2515	rBV4	6490	9398	0.18%	0.020%
34	17.887	2528	2533	2549	rBV3	281174	556932	10.43%	1.157%

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35	19.022	2722	2726	2730	rBV	28663	41535	0.78%	0.086%
36	19.186	2749	2754	2765	rBV2	90045	191294	3.58%	0.397%
37	19.275	2765	2769	2777	rVB	29831	47427	0.89%	0.098%
38	19.339	2777	2780	2782	rBV3	6703	9286	0.17%	0.019%
39	19.386	2782	2788	2797	rVV	3187659	4562188	85.44%	9.475%
40	19.933	2878	2881	2882	rBV3	8316	8010	0.15%	0.017%
41	19.951	2882	2884	2889	rVB4	9396	11137	0.21%	0.023%
42	20.333	2942	2949	2962	rBV	661486	844754	15.82%	1.754%
43	20.451	2965	2969	2974	rVV6	18509	24644	0.46%	0.051%
44	20.928	3045	3050	3059	rBV	168354	341801	6.40%	0.710%
45	21.204	3091	3097	3110	rBV	1912891	2745668	51.42%	5.702%
46	21.369	3121	3125	3128	rBV2	43745	49365	0.92%	0.103%
47	21.798	3194	3198	3202	rBV	87137	101263	1.90%	0.210%
48	22.251	3271	3275	3280	rBV	183465	232174	4.35%	0.482%
49	22.369	3292	3295	3302	rVB	151385	203488	3.81%	0.423%
50	22.745	3354	3359	3366	rVB	200510	285939	5.36%	0.594%
51	23.275	3441	3449	3461	rBV	2811375	5339510	100.00%	11.089%
52	23.410	3465	3472	3482	rVB	1387953	2756354	51.62%	5.725%
53	23.916	3553	3558	3566	rVB	210751	398429	7.46%	0.827%
54	24.639	3675	3681	3687	rVB2	165300	334735	6.27%	0.695%
55	25.474	3818	3823	3829	rVB2	107098	249784	4.68%	0.519%

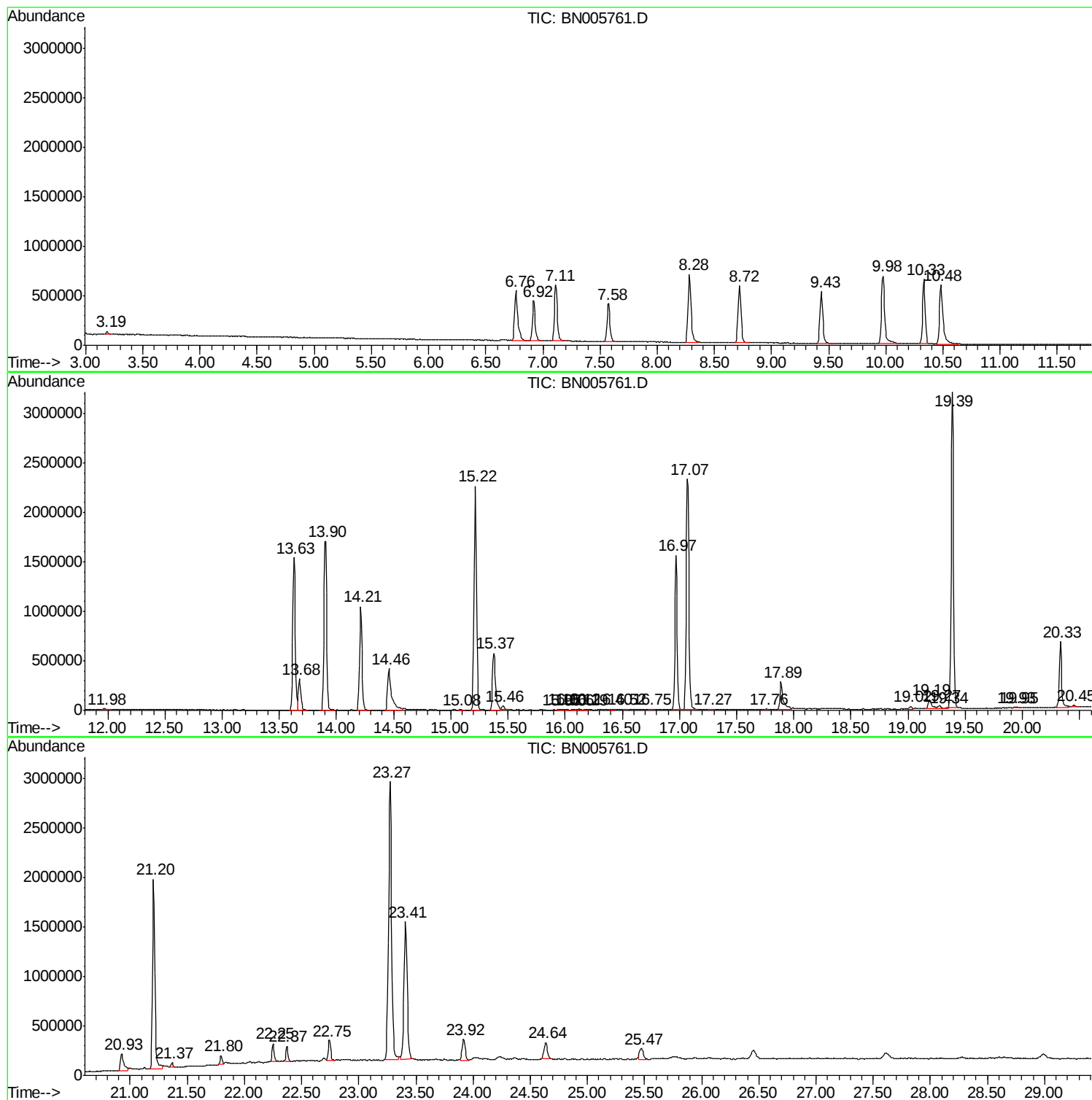
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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



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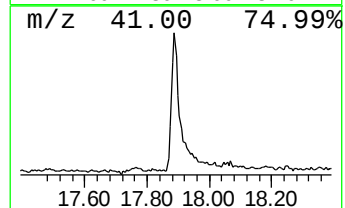
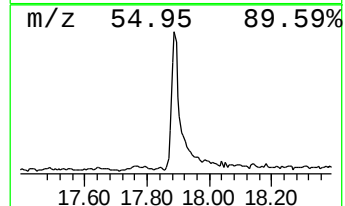
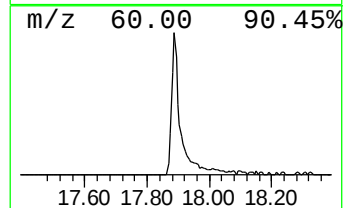
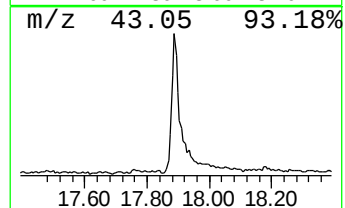
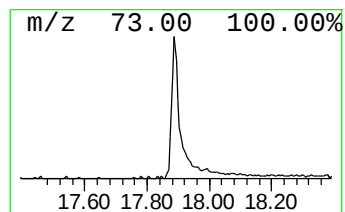
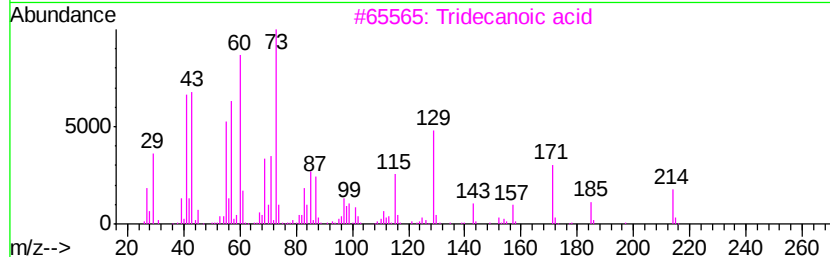
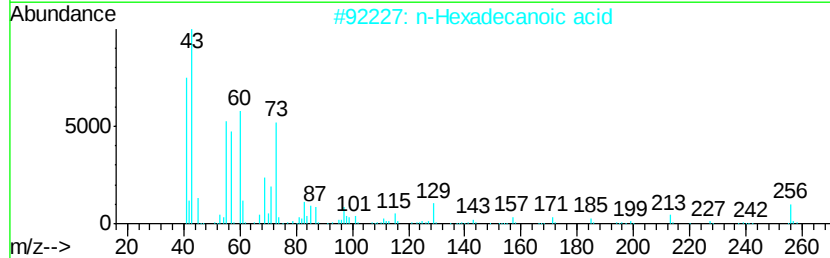
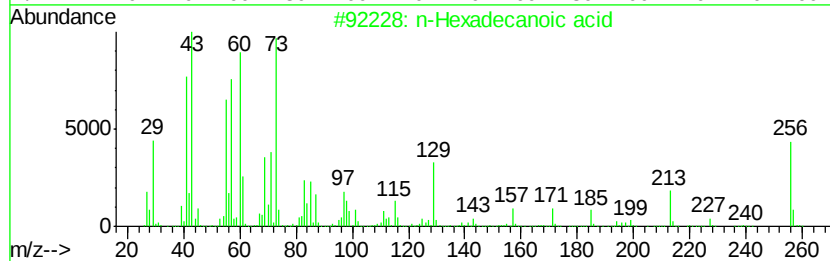
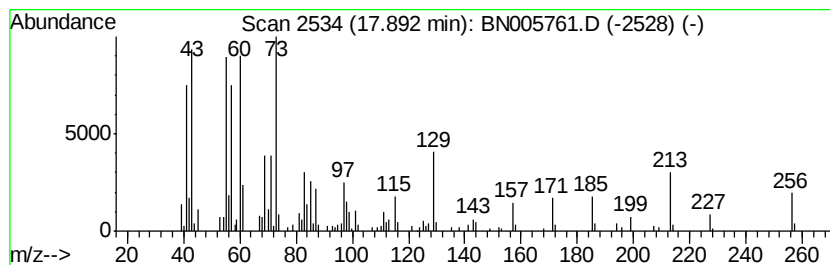
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	5.20 ng/ul	556932	Phenanthrene-d10	16.97

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	97
3			Tridecanoic acid	214	C13H26O2	000638-53-9	93
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	80



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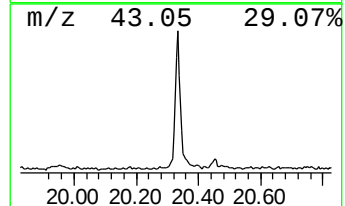
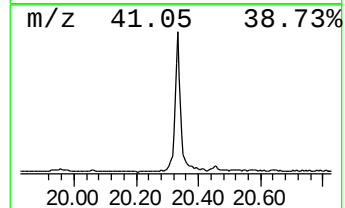
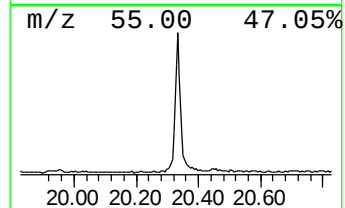
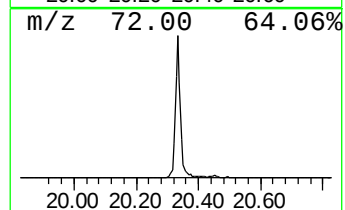
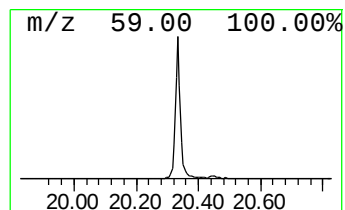
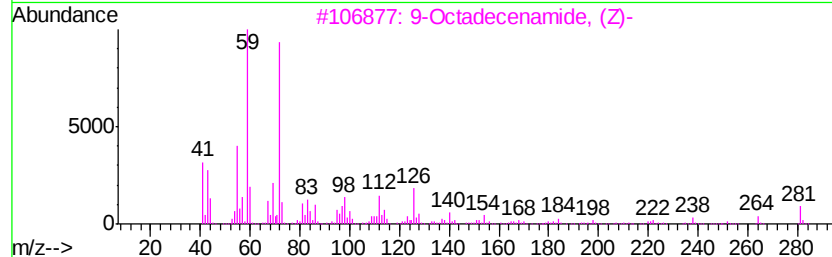
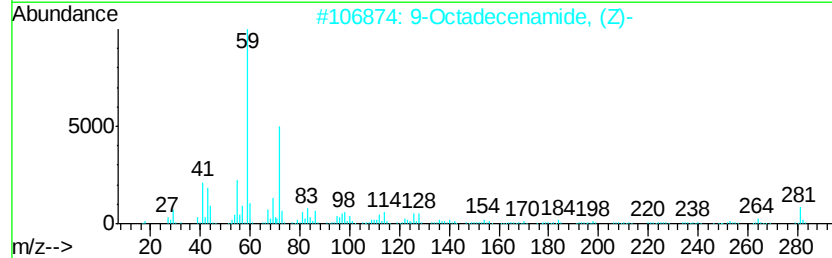
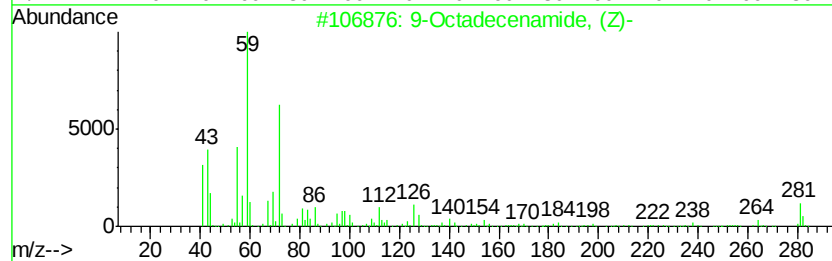
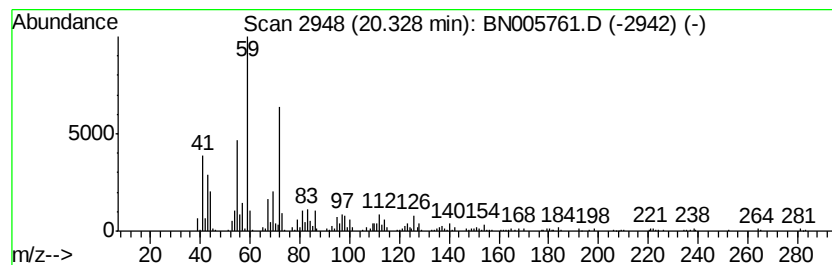
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.33	6.15 ng/ul	844754	Chrysene-d12	21.20		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	95	
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94	
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	68	
4	Octanamide	143	C8H17NO	000629-01-6	59	
5	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	59	



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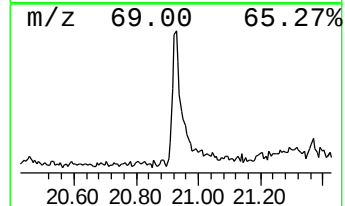
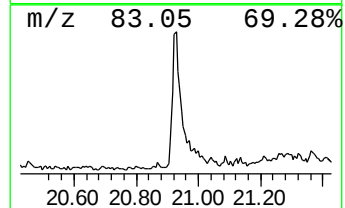
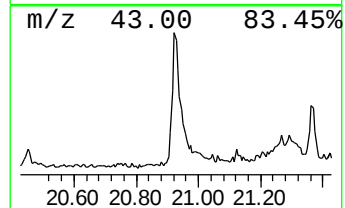
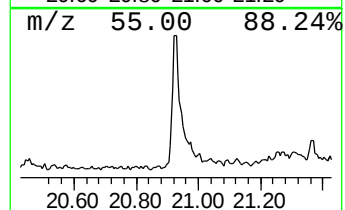
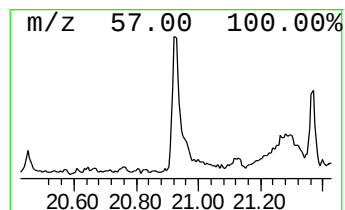
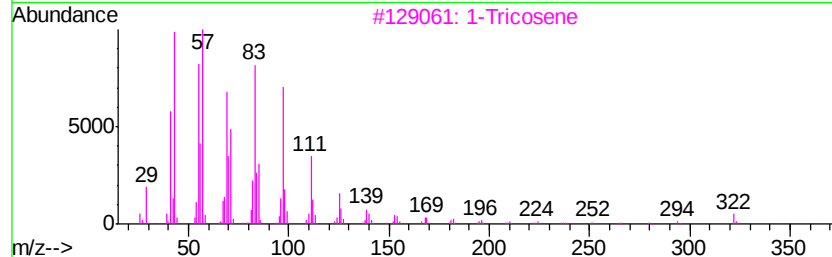
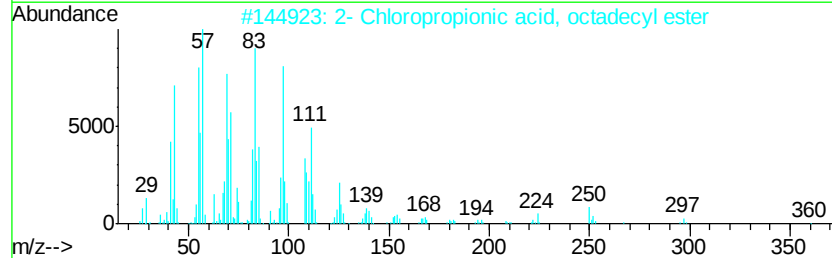
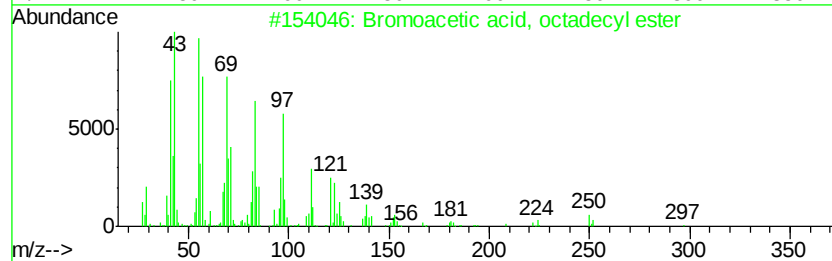
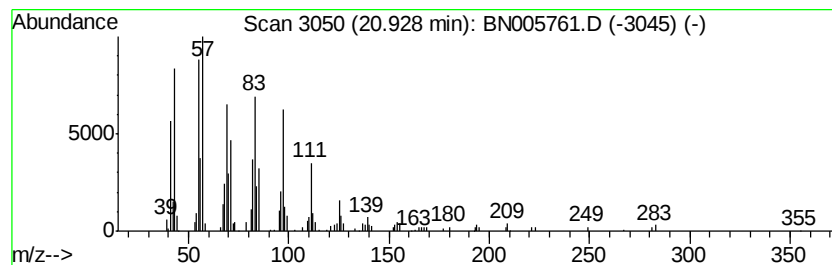
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Bromoacetic acid, octadecyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	2.49 ng/ul	341801	Chrysene-d12	21.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
2		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
3		1-Tricosene	322	C23H46	018835-32-0	91
4		Cyclotetracosane	336	C24H48	000297-03-0	91
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90



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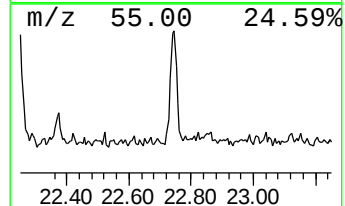
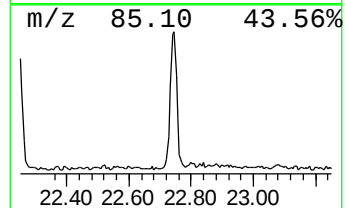
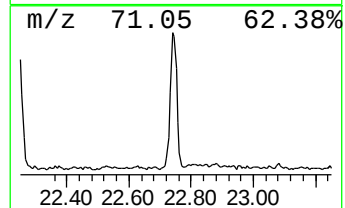
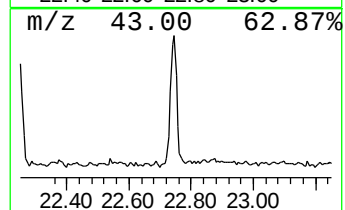
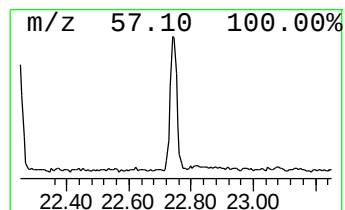
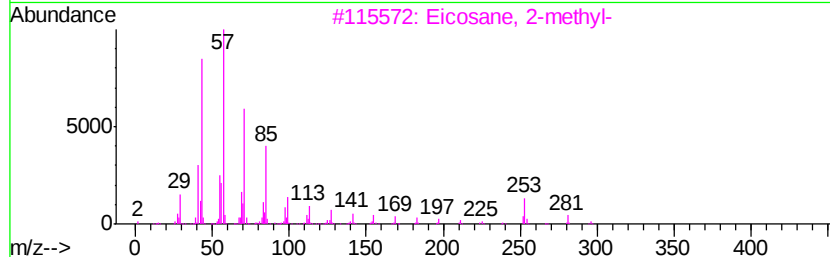
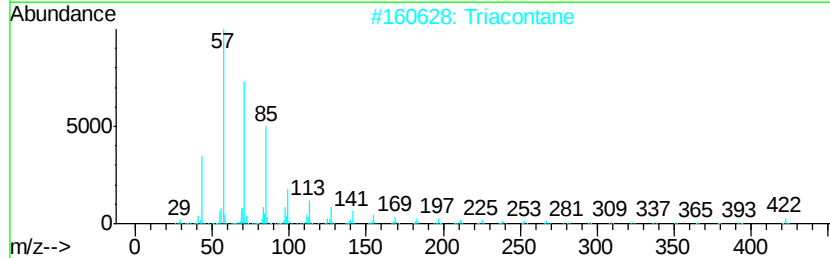
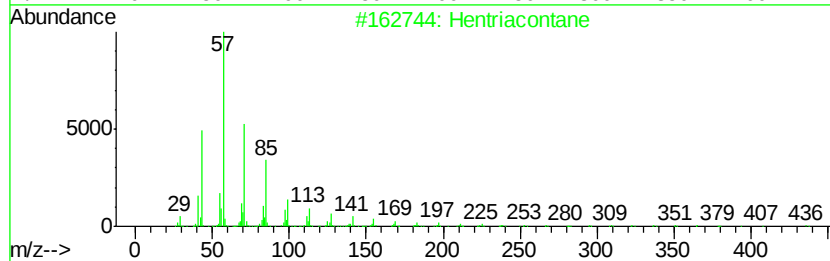
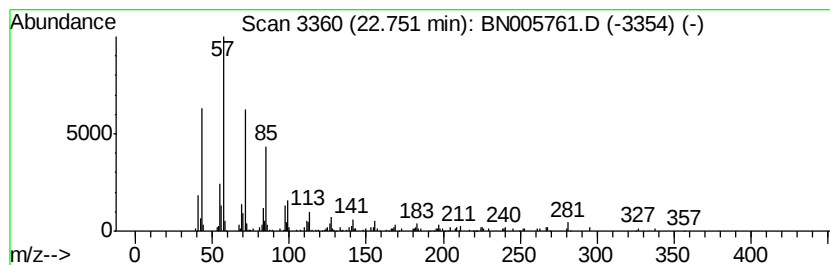
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.75	2.07 ng/ul	285939	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	90
2		Triacontane	422	C30H62	000638-68-6	90
3		Eicosane, 2-methyl-	296	C21H44	001560-84-5	87
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87



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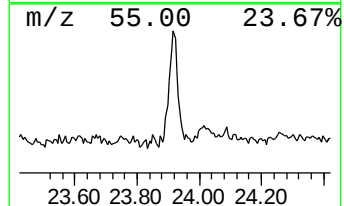
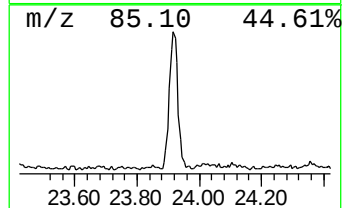
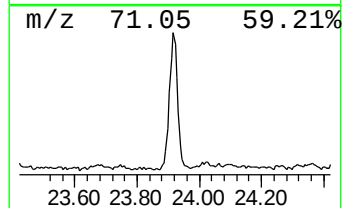
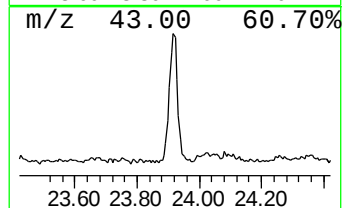
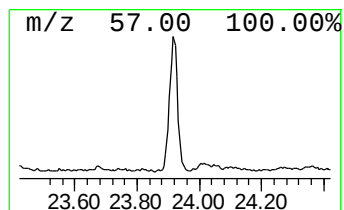
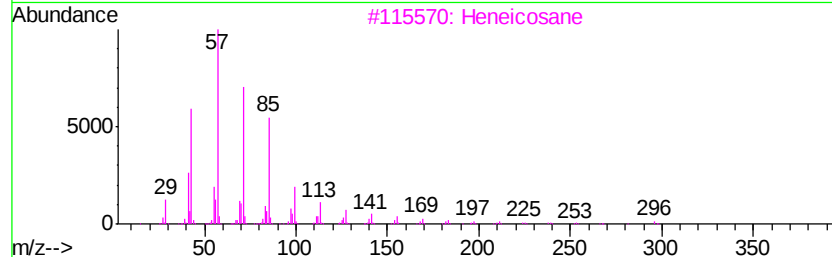
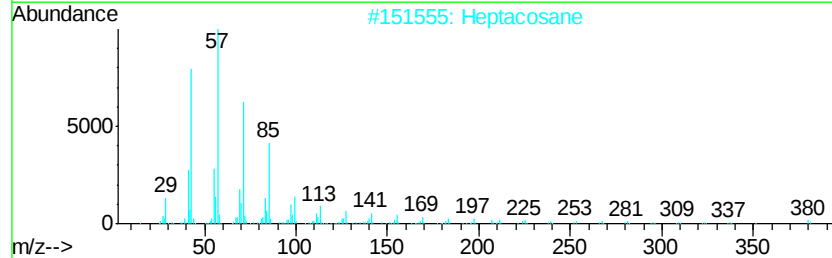
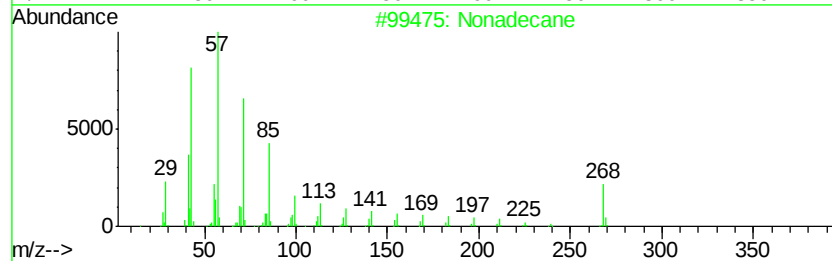
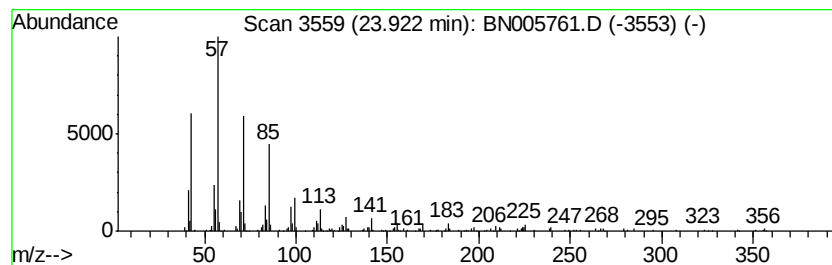
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	2.89 ng/ul	398429	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Heptacosane	380	C27H56	000593-49-7	94
3		Heneicosane	296	C21H44	000629-94-7	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
Data File : BN005761.D
Acq On : 18 May 2019 19:55
Operator : JU/SJ
Sample : K2690-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5161

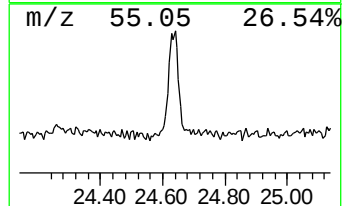
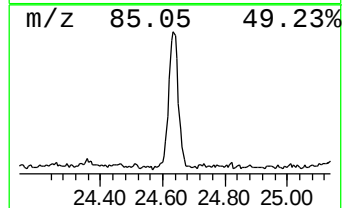
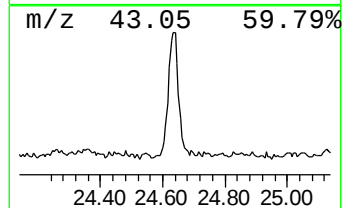
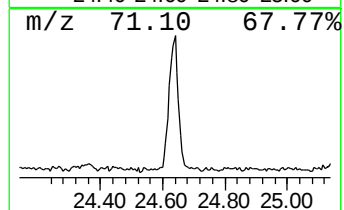
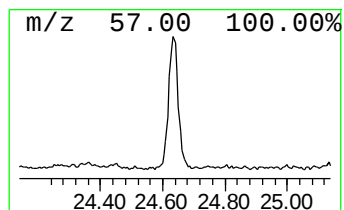
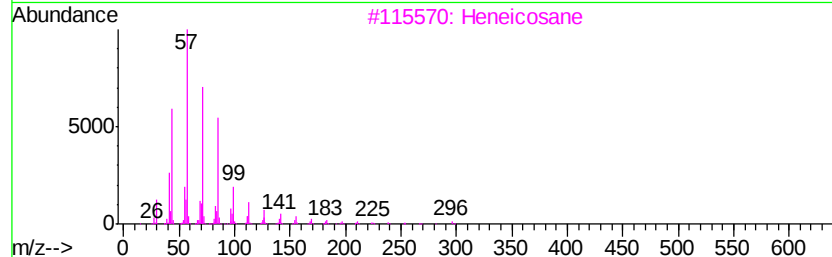
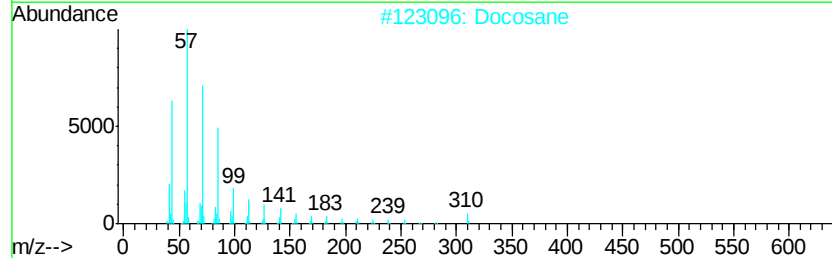
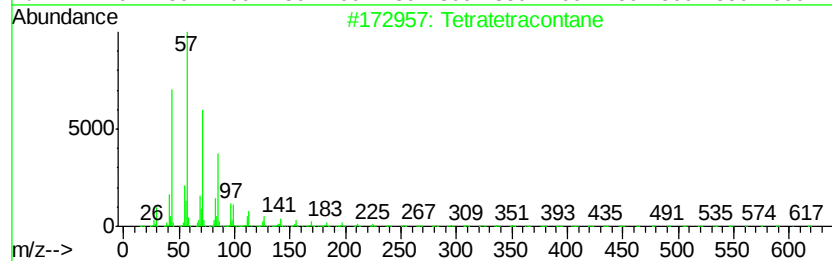
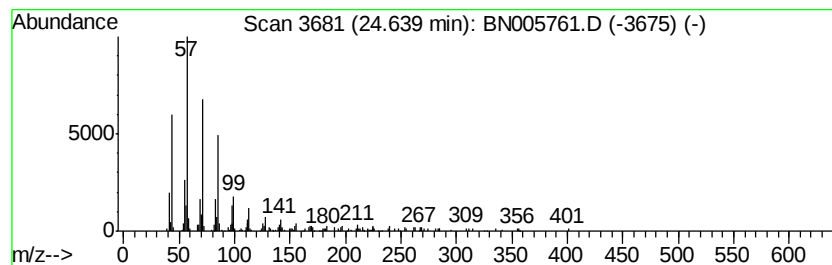
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Quant Title : SVOA CALIBRATION

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.
24.64	2.43 ng/ul	334735	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	90
2	Docosane	310	C22H46	000629-97-0	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hentriacontane	437	C31H64	000630-04-6	90
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051819\
Data File : BN005761.D
Acq On : 18 May 2019 19:55
Operator : JU/SJ
Sample : K2690-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5161

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.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	17.89	5.2	ng/ul	556932	4	16.97	2140950	20.0
9-Octadecenamide,...	20.33	6.2	ng/ul	844754	5	21.20	2745670	20.0
Bromoacetic acid,...	20.93	2.5	ng/ul	341801	5	21.20	2745670	20.0
(DEL) Alkane: Str...	22.75	2.1	ng/ul	285939	6	23.41	2756350	20.0
(DEL) Alkane: Str...	23.92	2.9	ng/ul	398429	6	23.41	2756350	20.0
(DEL) Alkane: Str...	24.64	2.4	ng/ul	334735	6	23.41	2756350	20.0