

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
 Data File : BN005535.D
 Acq On : 08 May 2019 16:30
 Operator : JU/SJ
 Sample : K2606-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5148

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	46	rVB	60659	78729	0.83%	0.085%
2	6.769	637	643	659	rVB	1143272	2078952	21.90%	2.233%
3	6.934	665	671	683	rVB	918420	1467157	15.45%	1.576%
4	7.128	697	704	719	rVB	1206633	1974129	20.79%	2.120%
5	7.587	776	782	792	rBV	938177	1520686	16.02%	1.633%
6	7.663	793	795	802	rVB3	8361	10679	0.11%	0.011%
7	8.287	894	901	914	rBV	1561882	2639125	27.80%	2.834%
8	8.728	968	976	991	rBV	1283758	2125295	22.39%	2.282%
9	8.905	1002	1006	1011	rVB5	10410	14977	0.16%	0.016%
10	9.169	1044	1051	1057	rVB2	10913	17498	0.18%	0.019%
11	9.446	1090	1098	1109	rBV	1063137	1841518	19.40%	1.978%
12	9.975	1180	1188	1220	rBV	1555248	2861484	30.14%	3.073%
13	10.346	1243	1251	1258	rBV	1420052	2326905	24.51%	2.499%
14	10.487	1268	1275	1292	rBV	1496640	2862619	30.15%	3.074%
15	11.193	1387	1395	1397	rBV5	5934	10612	0.11%	0.011%
16	11.957	1520	1525	1535	rBV4	18082	40525	0.43%	0.044%
17	13.640	1804	1811	1816	rBV	3323177	4710047	49.61%	5.058%
18	13.687	1816	1819	1830	rVB	823606	1089724	11.48%	1.170%
19	13.910	1850	1857	1879	rBV	3715064	5722386	60.28%	6.145%
20	14.140	1893	1896	1903	rVB5	6873	11274	0.12%	0.012%
21	14.222	1903	1910	1921	rBV2	2168835	3335667	35.14%	3.582%
22	14.440	1941	1947	1971	rBV	1051358	2270640	23.92%	2.438%
23	15.104	2056	2060	2063	rVB3	9965	13382	0.14%	0.014%
24	15.222	2073	2080	2093	rBV	4905521	7015157	73.89%	7.533%
25	15.357	2098	2103	2117	rVV	1133471	1939097	20.42%	2.082%
26	15.463	2117	2121	2132	rVB2	72203	124704	1.31%	0.134%
27	15.910	2195	2197	2203	rBV4	6464	10696	0.11%	0.011%
28	15.969	2203	2207	2210	rVV3	11451	15560	0.16%	0.017%
29	16.010	2210	2214	2220	rVB4	21168	34897	0.37%	0.037%
30	16.134	2231	2235	2239	rVB3	10684	13740	0.14%	0.015%
31	16.516	2296	2300	2305	rBV4	7135	11348	0.12%	0.012%
32	16.657	2320	2324	2328	rVB2	11487	13211	0.14%	0.014%
33	16.763	2338	2342	2347	rBV4	19424	29773	0.31%	0.032%
34	16.981	2371	2379	2389	rBV2	2815834	4258271	44.85%	4.573%

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35	17.081	2389	2396	2412	rVV	5300496	8040376	84.69%	8.634%
36	17.498	2464	2467	2471	rBV4	7982	9996	0.11%	0.011%
37	17.781	2510	2515	2519	rBV7	5529	10750	0.11%	0.012%
38	17.898	2530	2535	2552	rBV	652503	1183698	12.47%	1.271%
39	18.192	2581	2585	2588	rVB4	17178	21668	0.23%	0.023%
40	18.663	2661	2665	2668	rBV5	5705	10880	0.11%	0.012%
41	18.839	2692	2695	2698	rVV5	11418	15271	0.16%	0.016%
42	19.022	2719	2726	2731	rBV2	68524	105580	1.11%	0.113%
43	19.192	2751	2755	2766	rBV3	160545	326008	3.43%	0.350%
44	19.275	2766	2769	2776	rVB	70972	100647	1.06%	0.108%
45	19.351	2778	2782	2783	rBV2	15884	20240	0.21%	0.022%
46	19.392	2783	2789	2798	rVB	6725090	9493748	100.00%	10.195%
47	19.969	2884	2887	2890	rVB2	31976	31530	0.33%	0.034%
48	20.345	2944	2951	2964	rBV	547842	838305	8.83%	0.900%
49	20.469	2969	2972	2977	rVB3	50177	70006	0.74%	0.075%
50	20.939	3048	3052	3062	rBV	405930	724993	7.64%	0.779%
51	21.145	3084	3087	3092	rBV4	20276	25980	0.27%	0.028%
52	21.210	3092	3098	3110	rBV	3393111	4711877	49.63%	5.060%
53	21.333	3116	3119	3122	rBV4	39438	48412	0.51%	0.052%
54	21.386	3125	3128	3132	rVB	114406	121744	1.28%	0.131%
55	21.822	3198	3202	3205	rBV	167505	194283	2.05%	0.209%
56	22.274	3275	3279	3285	rBV	231736	314039	3.31%	0.337%
57	22.398	3297	3300	3305	rVB	105938	139972	1.47%	0.150%
58	22.704	3348	3352	3356	rBV3	42430	62934	0.66%	0.068%
59	22.774	3359	3364	3369	rBV	303216	420245	4.43%	0.451%
60	23.280	3442	3450	3456	rBV	4016861	7668721	80.78%	8.235%
61	23.327	3456	3458	3466	rVV	390103	574900	6.06%	0.617%
62	23.416	3466	3473	3488	rVB	2020968	3973271	41.85%	4.267%
63	23.957	3559	3565	3572	rBV	287295	527838	5.56%	0.567%
64	24.680	3681	3688	3695	rBV2	228834	504923	5.32%	0.542%
65	25.515	3826	3830	3839	rVB2	150289	337909	3.56%	0.363%

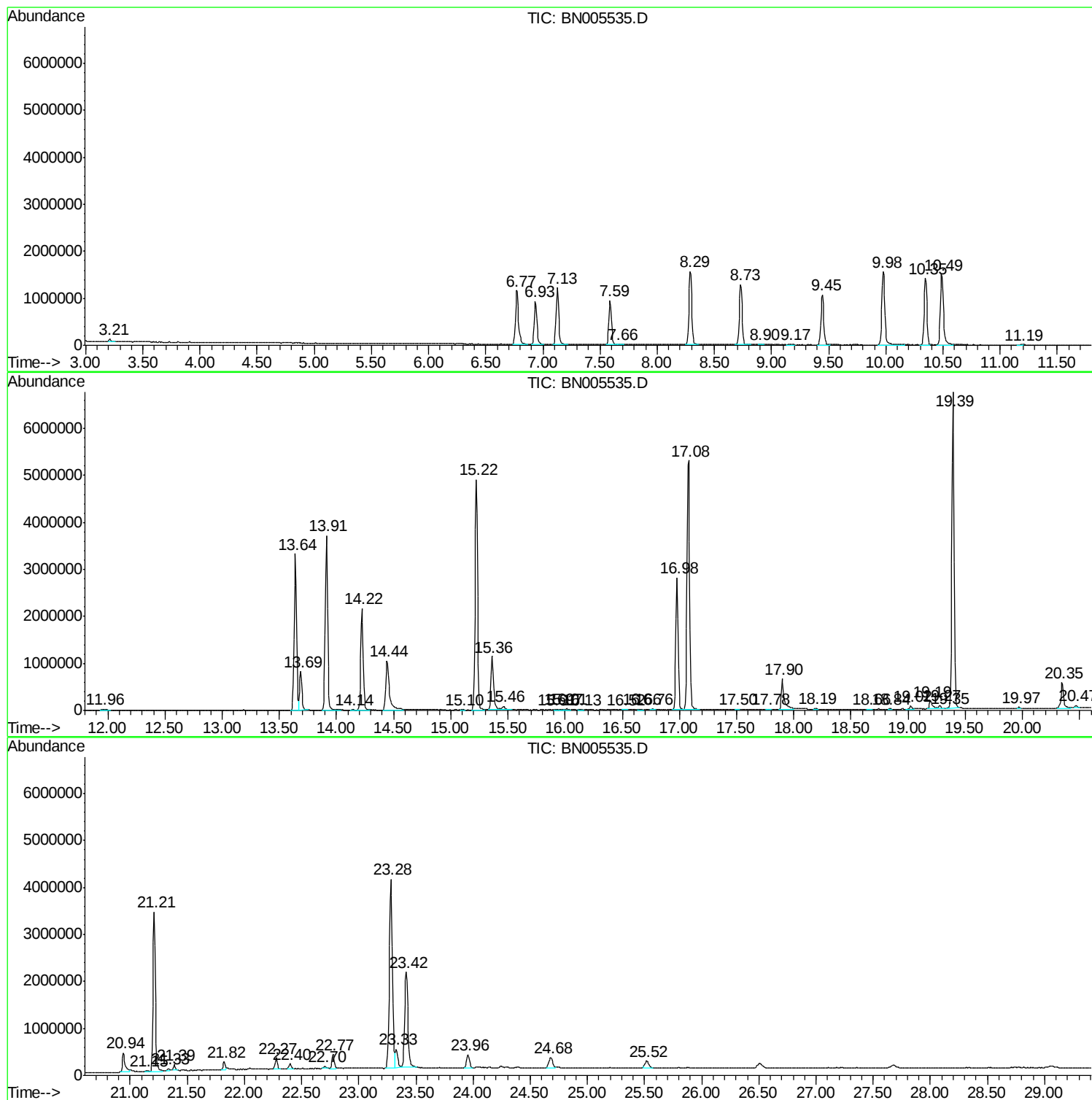
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Quant Title : SVOA CALIBRATION

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



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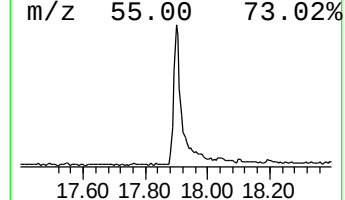
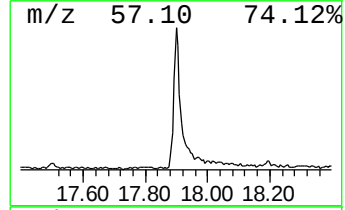
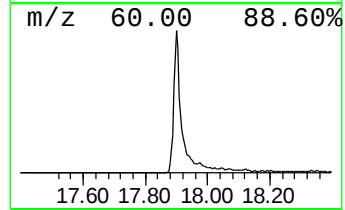
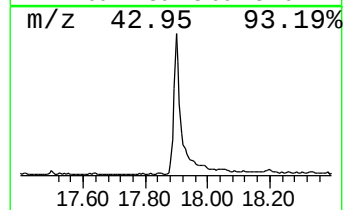
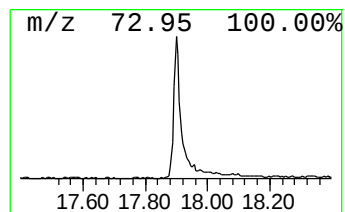
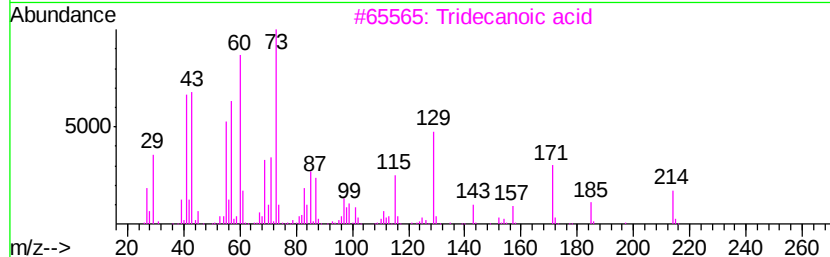
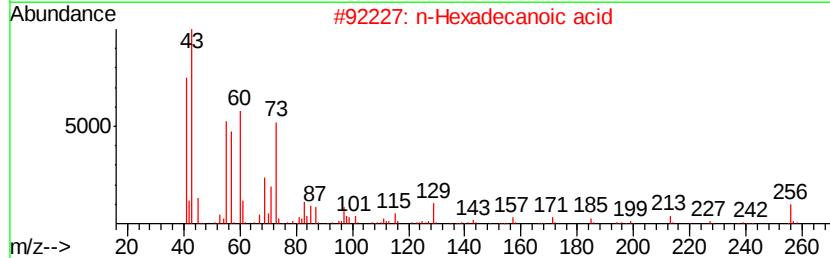
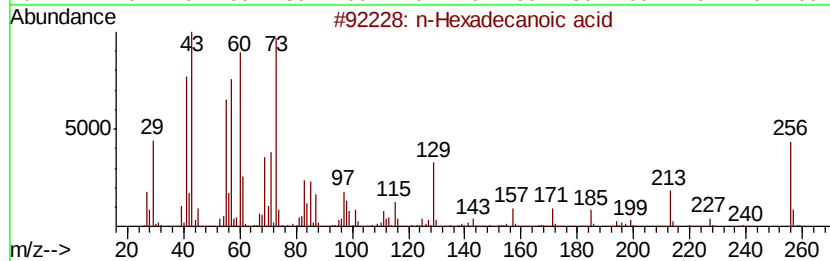
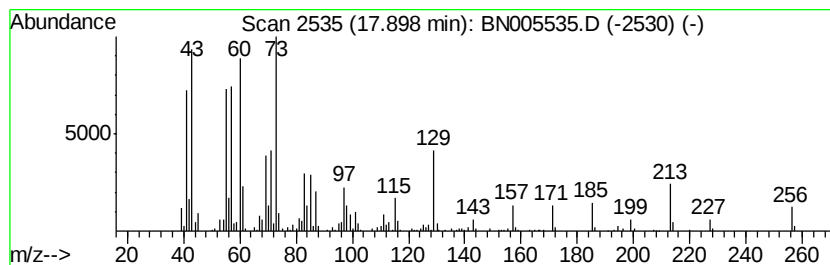
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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.
17.90	5.56 ng/ul	1183700	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	Tridecanoic acid	214 C13H26O2	000638-53-9	94
4	Tetradecanoic acid	228 C14H28O2	000544-63-8	91
5	Tridecanoic acid	214 C13H26O2	000638-53-9	86



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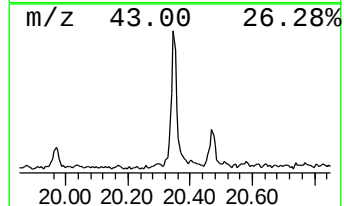
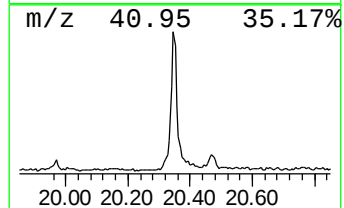
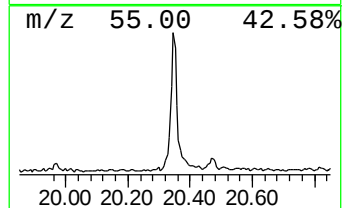
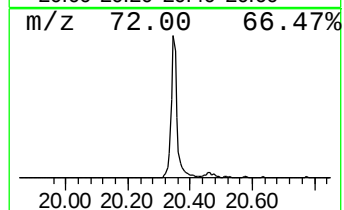
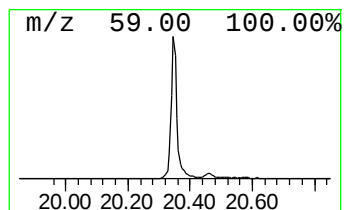
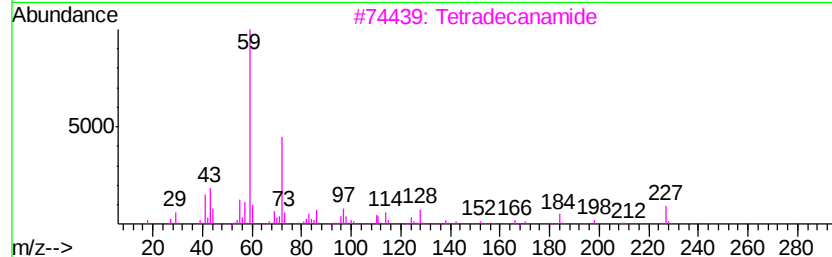
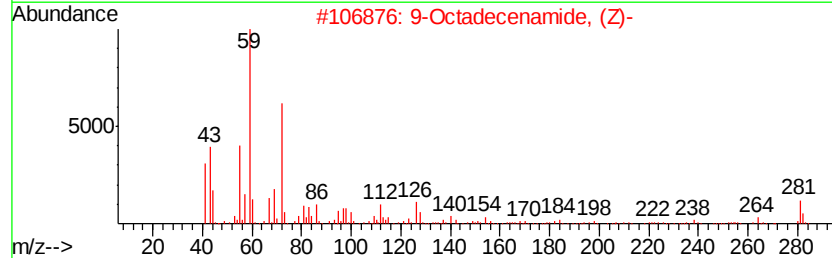
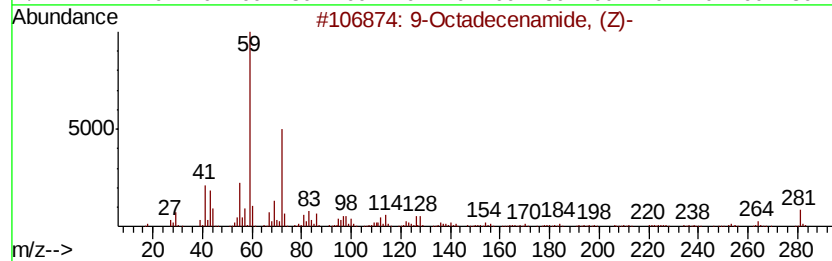
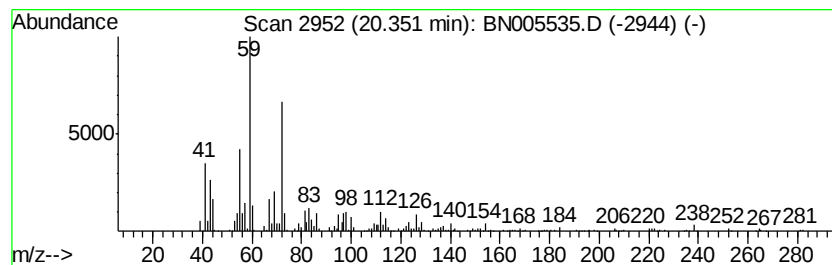
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.35	3.56 ng/ul	838305	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
3		Tetradecanamide	227	C14H29NO	000638-58-4	72
4		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	53
5		Decanamide-	171	C10H21NO	002319-29-1	53



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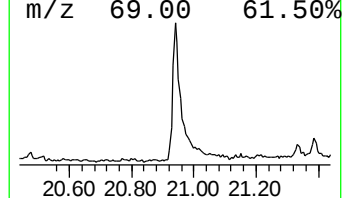
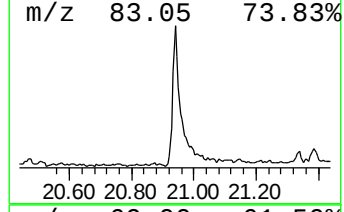
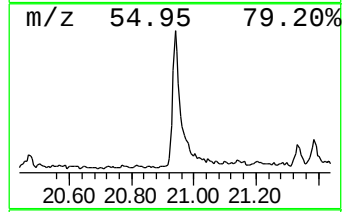
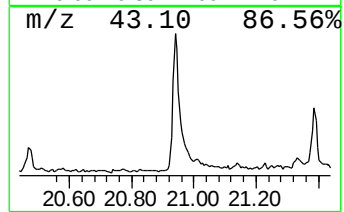
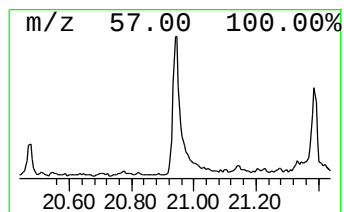
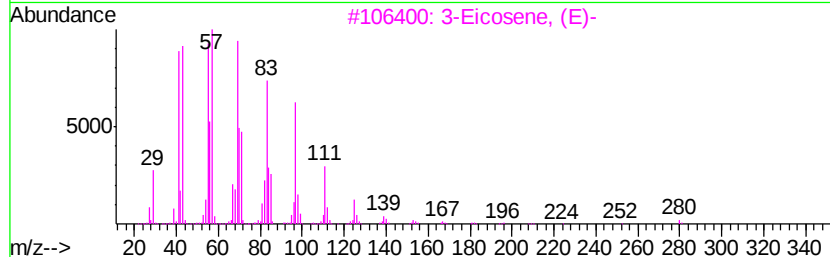
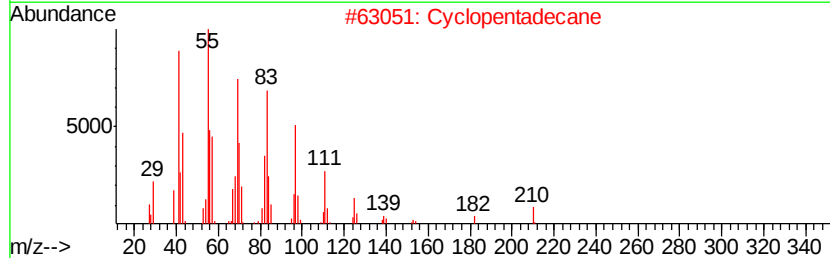
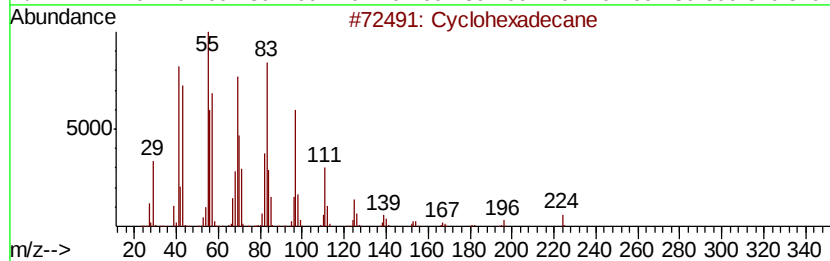
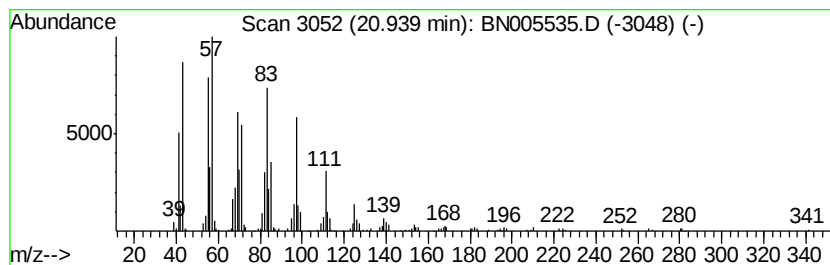
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic20.94 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	3.08 ng/ul	724993	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	98
2		Cyclopentadecane	210	C15H30	000295-48-7	98
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	96
4		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
5		1-Tetracosanol	354	C24H50O	000506-51-4	91



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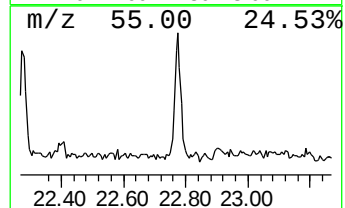
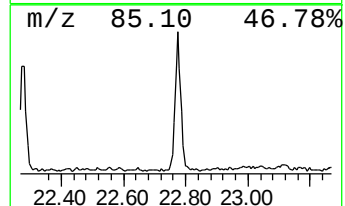
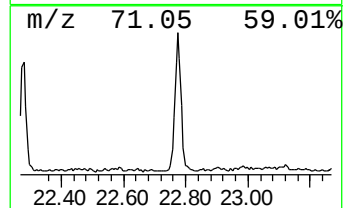
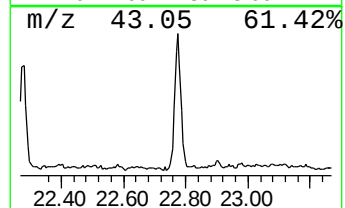
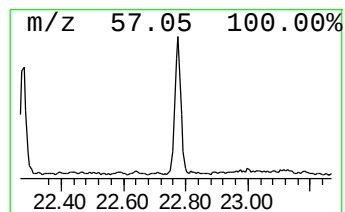
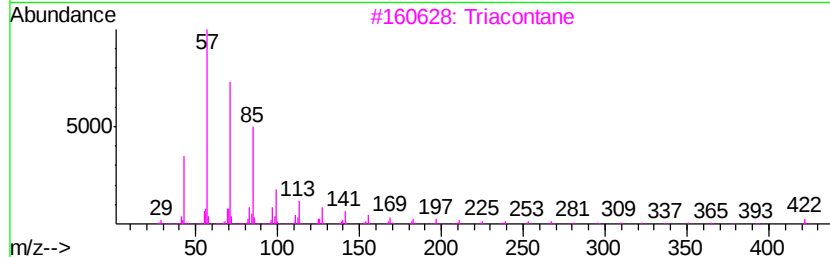
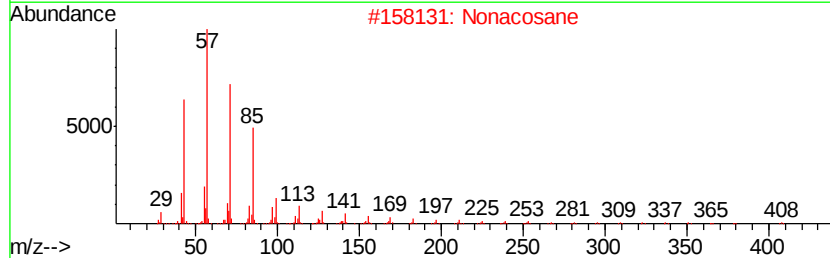
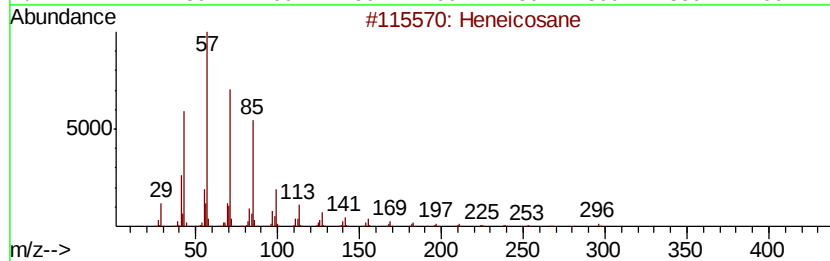
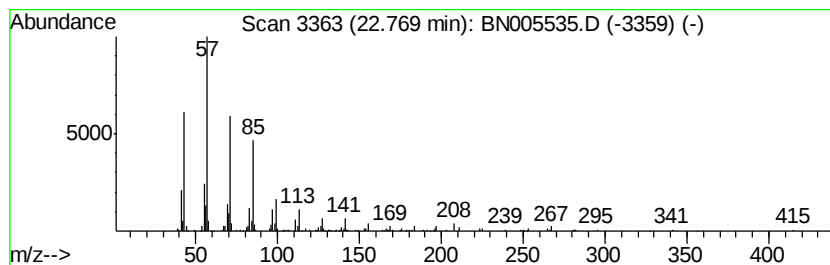
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	2.12 ng/ul	420245	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Nonacosane	408	C29H60	000630-03-5	90
3		Triacotane	422	C30H62	000638-68-6	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Tetracosane	338	C24H50	000646-31-1	87



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A5148

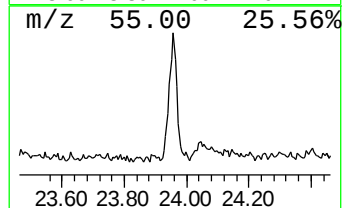
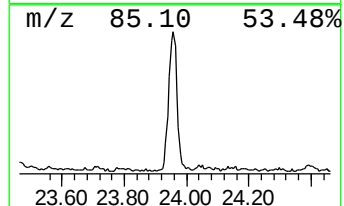
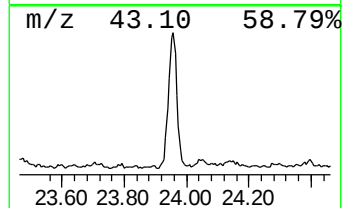
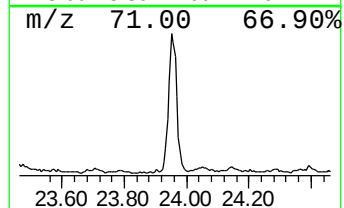
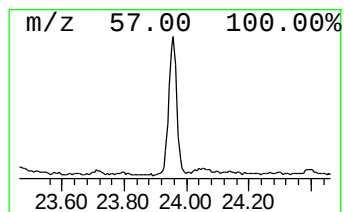
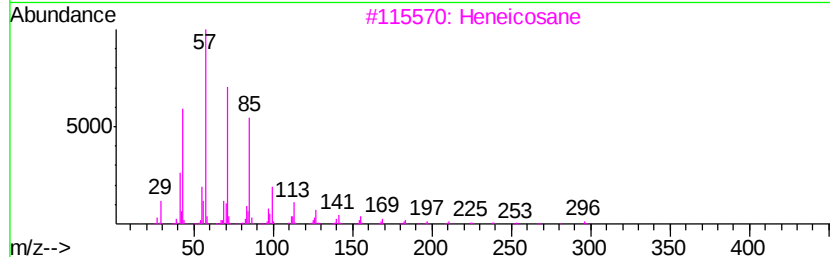
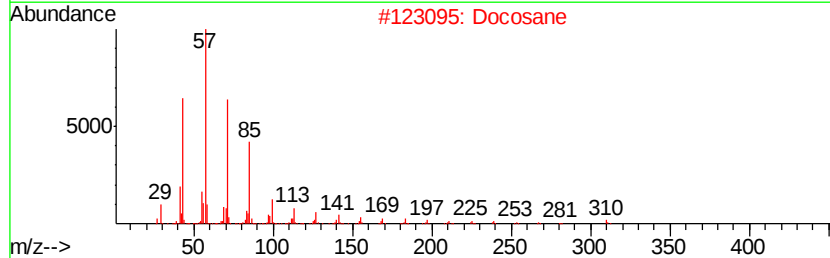
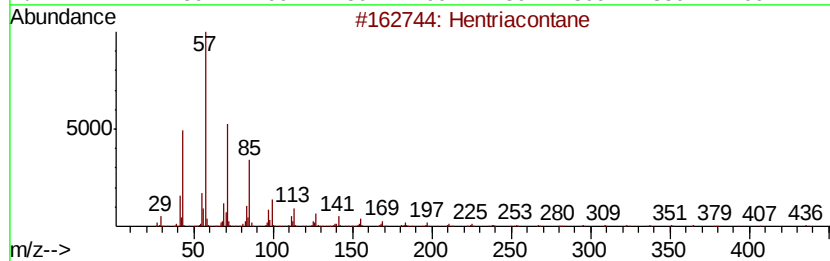
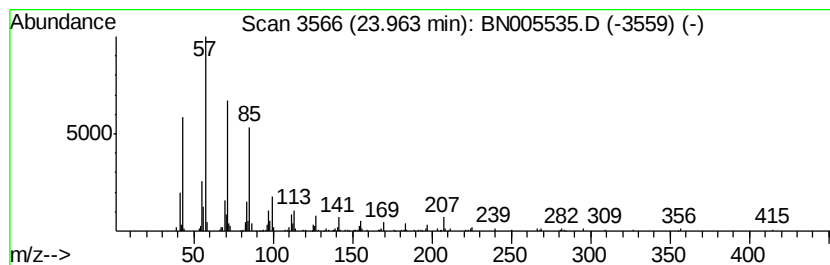
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	2.66 ng/ul	527838	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	91
2		Docosane	310	C22H46	000629-97-0	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Docosane	310	C22H46	000629-97-0	87
5		Eicosane	282	C20H42	000112-95-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005535.D
Acq On : 08 May 2019 16:30
Operator : JU/SJ
Sample : K2606-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5148

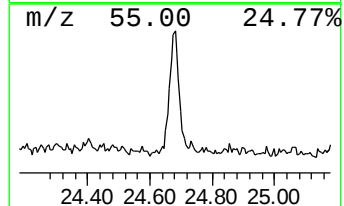
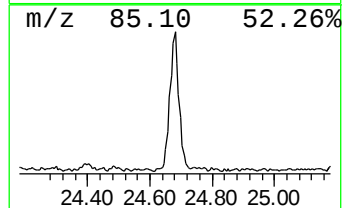
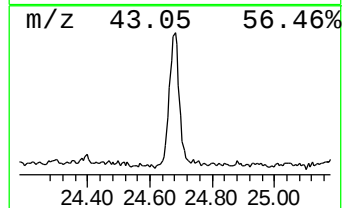
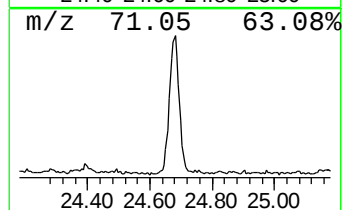
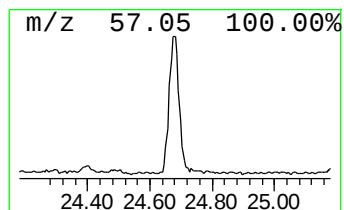
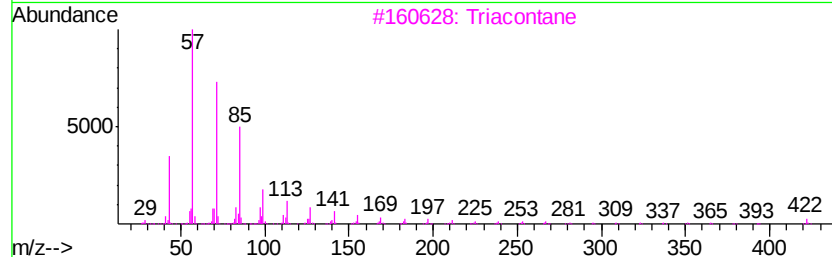
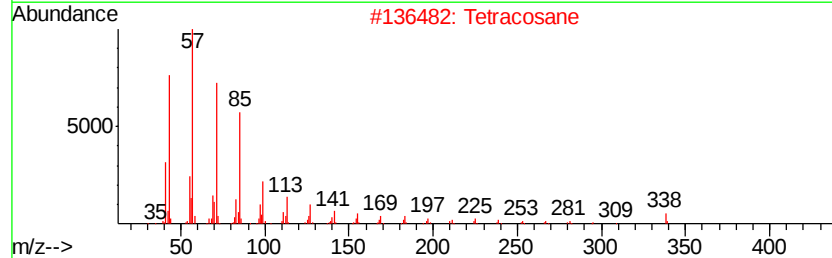
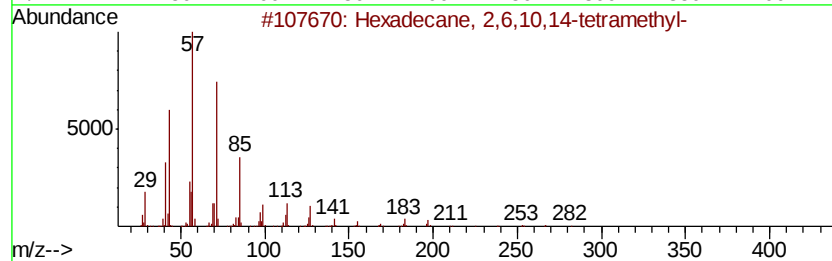
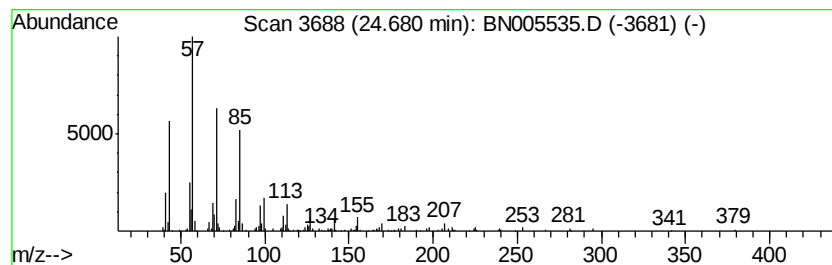
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Quant Title : SVOA CALIBRATION

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.
24.68	2.54 ng/ul	504923	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	92
2		Tetracosane	338	C24H50	000646-31-1	90
3		Triacontane	422	C30H62	000638-68-6	90
4		Nonacosane	408	C29H60	000630-03-5	90
5		Docosane	310	C22H46	000629-97-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050819\
Data File : BN005535.D
Acq On : 08 May 2019 16:30
Operator : JU/SJ
Sample : K2606-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.90	5.6	ng/ul	1183700	4	16.98	4258270	20.0
9-Octadecenamide,...	20.35	3.6	ng/ul	838305	5	21.21	4711880	20.0
(DEL) Alkane: Cyc...	20.94	3.1	ng/ul	724993	5	21.21	4711880	20.0
(DEL) Alkane: Str...	22.77	2.1	ng/ul	420245	6	23.42	3973270	20.0
(DEL) Alkane: Str...	23.96	2.7	ng/ul	527838	6	23.42	3973270	20.0
(DEL) Alkane: Str...	24.68	2.5	ng/ul	504923	6	23.42	3973270	20.0