

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
 Data File : BN006409.D
 Acq On : 19 Jun 2019 22:39
 Operator : JU/SJ
 Sample : K3335-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4225

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-BN061919MA.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	3.140	22	26	34	rVB	26752	39100	0.82%	0.080%
2	3.558	93	97	99	rBV5	3888	4818	0.10%	0.010%
3	3.652	109	113	121	rVB4	12251	22108	0.46%	0.045%
4	3.764	128	132	142	rVB	25899	43088	0.90%	0.088%
5	3.858	145	148	158	rVB3	7776	12648	0.26%	0.026%
6	4.222	208	210	216	rVB5	3327	5133	0.11%	0.011%
7	4.752	295	300	306	rBV	19653	31691	0.66%	0.065%
8	6.805	644	649	664	rVV	400659	702600	14.69%	1.438%
9	6.963	670	676	690	rBV	364771	589091	12.31%	1.206%
10	7.163	703	710	721	rBV	412025	701841	14.67%	1.437%
11	7.628	782	789	810	rBV	631674	1107544	23.15%	2.268%
12	8.340	903	910	926	rBV	418738	768786	16.07%	1.574%
13	8.457	926	930	939	rVB2	6973	14460	0.30%	0.030%
14	8.781	979	985	1003	rBV	405474	723030	15.11%	1.480%
15	8.946	1010	1013	1021	rVB5	5673	9645	0.20%	0.020%
16	9.199	1052	1056	1059	rVB	7639	9619	0.20%	0.020%
17	9.499	1101	1107	1119	rBV	306862	554111	11.58%	1.134%
18	10.040	1192	1199	1215	rBV	482905	871321	18.21%	1.784%
19	10.404	1254	1261	1278	rBV	1013783	1730205	36.17%	3.542%
20	10.551	1280	1286	1310	rBV	422040	868434	18.15%	1.778%
21	12.016	1531	1535	1544	rVB3	3185	7869	0.16%	0.016%
22	12.881	1678	1682	1686	rVB2	3321	5036	0.11%	0.010%
23	13.181	1727	1733	1737	rVB6	3668	6465	0.14%	0.013%
24	13.692	1814	1820	1824	rBV	1368473	1826401	38.18%	3.739%
25	13.739	1824	1828	1836	rVB	531399	722892	15.11%	1.480%
26	13.969	1861	1867	1884	rBV	1260391	1912251	39.97%	3.915%
27	14.192	1900	1905	1911	rVB5	3140	5877	0.12%	0.012%
28	14.281	1913	1920	1933	rBV2	1627866	2470262	51.64%	5.057%
29	14.510	1953	1959	1978	rBV	254111	556573	11.63%	1.139%
30	14.728	1992	1996	2000	rVV5	8556	12975	0.27%	0.027%
31	15.086	2052	2057	2062	rBV2	12251	18976	0.40%	0.039%
32	15.139	2064	2066	2070	rVB	6181	7836	0.16%	0.016%
33	15.281	2084	2090	2106	rBV	1870152	2638221	55.15%	5.401%
34	15.422	2109	2114	2127	rVV	412652	631361	13.20%	1.293%

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35	15.522	2127	2131	2139	rVB4	22895	37059	0.77%	0.076%
36	16.010	2209	2214	2218	rBV4	5677	9254	0.19%	0.019%
37	16.357	2266	2273	2278	rBV6	2976	7212	0.15%	0.015%
38	16.581	2307	2311	2318	rVB3	12831	17873	0.37%	0.037%
39	16.804	2345	2349	2351	rBV3	5230	6545	0.14%	0.013%
40	16.945	2369	2373	2381	rBV7	9983	23330	0.49%	0.048%
41	17.033	2381	2388	2395	rBV2	2108303	3063966	64.05%	6.273%
42	17.133	2399	2405	2421	rVV2	1921839	2807485	58.69%	5.748%
43	17.269	2426	2428	2431	rVV3	6370	7951	0.17%	0.016%
44	17.328	2435	2438	2444	rVB4	3725	6396	0.13%	0.013%
45	17.539	2471	2474	2478	rBV3	4359	5548	0.12%	0.011%
46	17.645	2489	2492	2495	rVB4	5896	5763	0.12%	0.012%
47	17.822	2518	2522	2528	rBV4	10300	19715	0.41%	0.040%
48	17.886	2530	2533	2535	rBV4	5396	6980	0.15%	0.014%
49	17.939	2538	2542	2551	rBV	203612	346908	7.25%	0.710%
50	18.010	2552	2554	2562	rVB	19842	28722	0.60%	0.059%
51	18.110	2567	2571	2577	rVV4	27281	40877	0.85%	0.084%
52	18.169	2578	2581	2585	rVB3	16610	22097	0.46%	0.045%
53	18.210	2585	2588	2589	rBV3	6829	6079	0.13%	0.012%
54	18.233	2590	2592	2599	rVB5	9609	17180	0.36%	0.035%
55	18.398	2617	2620	2623	rVV4	14424	16327	0.34%	0.033%
56	18.445	2626	2628	2632	rVB4	6504	5207	0.11%	0.011%
57	18.575	2647	2650	2656	rVB5	12895	15862	0.33%	0.032%
58	18.874	2698	2701	2708	rVB4	19565	27088	0.57%	0.055%
59	18.980	2716	2719	2722	rVB3	4097	5791	0.12%	0.012%
60	19.080	2732	2736	2737	rBV	24413	27720	0.58%	0.057%
61	19.110	2737	2741	2745	rVB	34848	52291	1.09%	0.107%
62	19.233	2757	2762	2773	rBV	49483	101846	2.13%	0.209%
63	19.327	2775	2778	2785	rVB	18331	29716	0.62%	0.061%
64	19.445	2792	2798	2811	rBV	2579081	3664472	76.60%	7.502%
65	19.998	2887	2892	2898	rBV	101333	122945	2.57%	0.252%
66	20.363	2952	2954	2956	rBV3	8309	8671	0.18%	0.018%
67	20.498	2973	2977	2983	rBV	171019	191828	4.01%	0.393%
68	20.963	3052	3056	3074	rBV	481848	935133	19.55%	1.915%
69	21.163	3087	3090	3096	rVB	155096	165929	3.47%	0.340%
70	21.251	3099	3105	3120	rVV	2760926	3757313	78.54%	7.692%
71	21.404	3127	3131	3135	rBV	365946	396804	8.29%	0.812%

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72	21.833	3200	3204	3208	rBV	577628	650401	13.60%	1.332%
73	22.292	3277	3282	3290	rBV	688863	853900	17.85%	1.748%
74	22.792	3362	3367	3373	rBV	742022	1080439	22.59%	2.212%
75	23.333	3452	3459	3474	rBV2	2351589	4783822	100.00%	9.794%
76	23.474	3476	3483	3496	rVB	2237535	4040625	84.46%	8.272%
77	23.986	3563	3570	3578	rBV	497409	933455	19.51%	1.911%
78	24.715	3688	3694	3709	rVB	252770	551156	11.52%	1.128%
79	25.568	3833	3839	3849	rVB	126861	306319	6.40%	0.627%

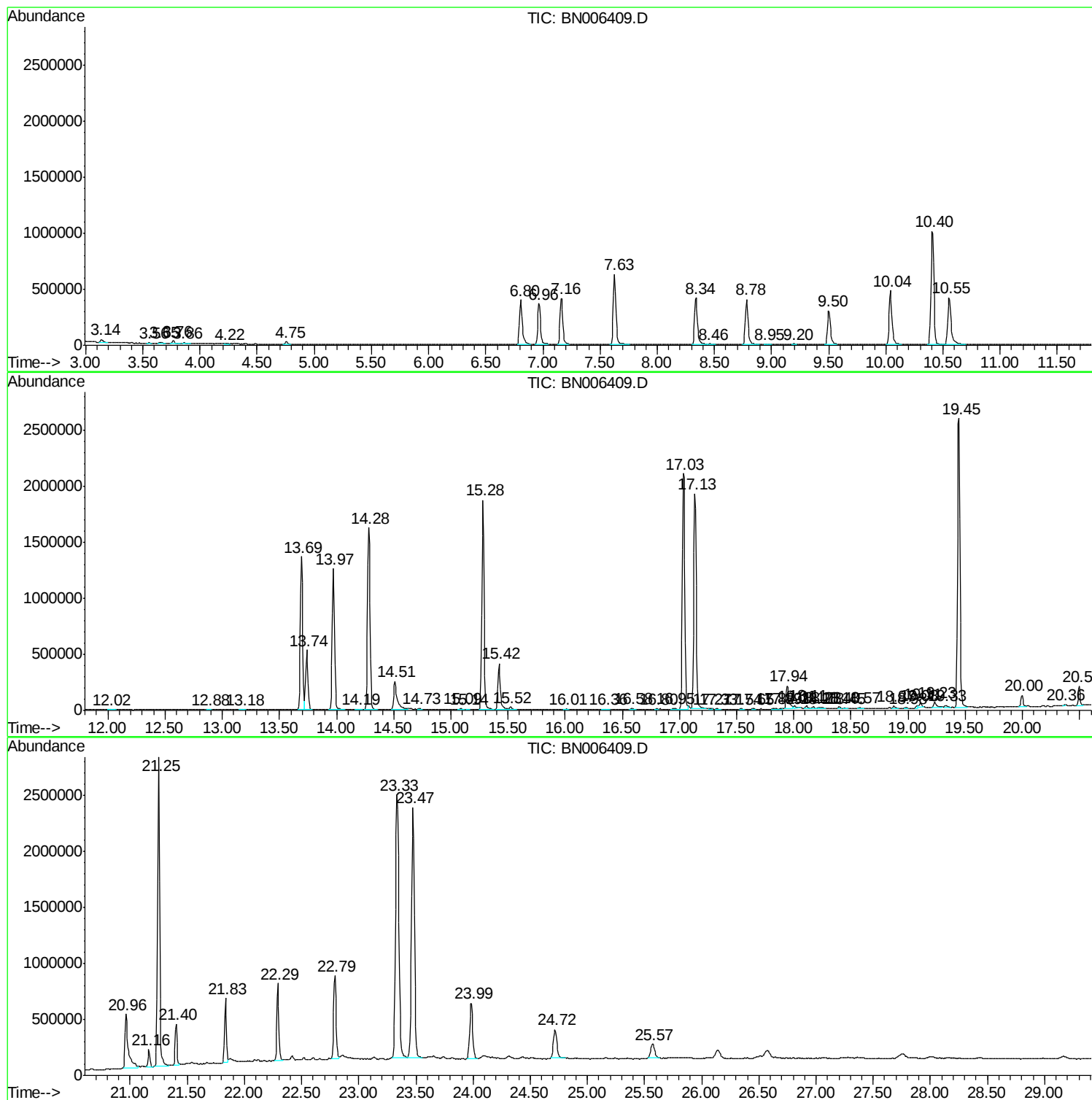
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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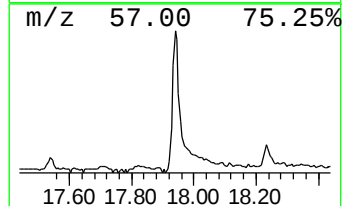
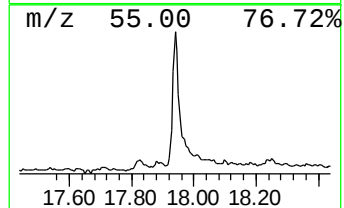
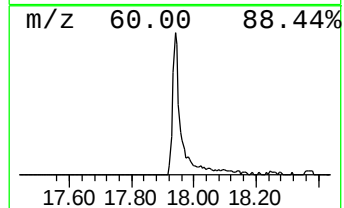
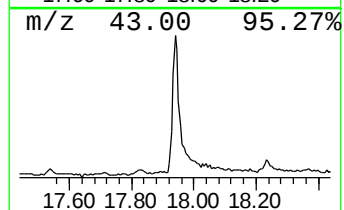
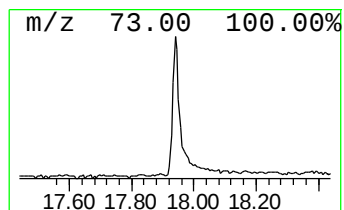
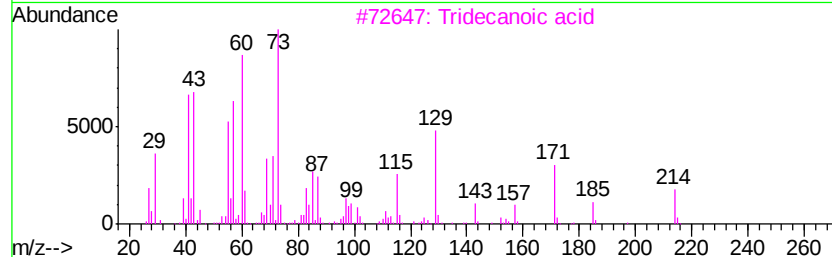
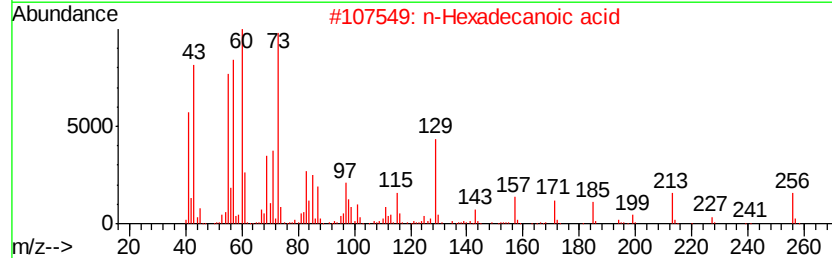
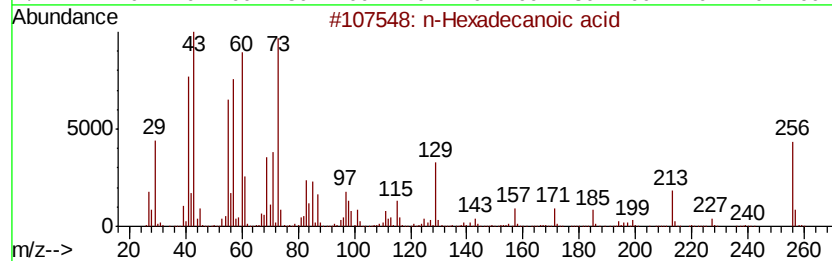
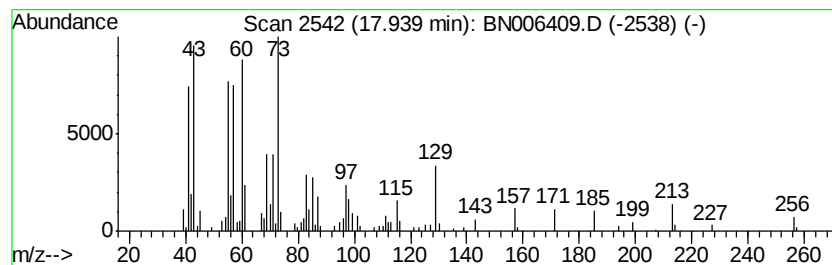
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.94	2.26 ng/ul	346908	Phenanthrene-d10		17.03		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3			Tridecanoic acid	214	C13H26O2	000638-53-9	95
4			Tridecanoic acid	214	C13H26O2	000638-53-9	87
5			Tridecanoic acid	214	C13H26O2	000638-53-9	76



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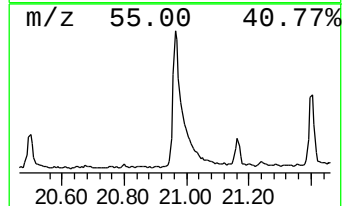
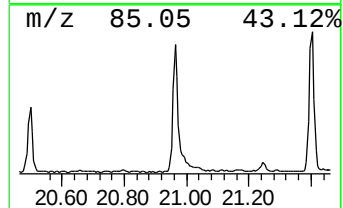
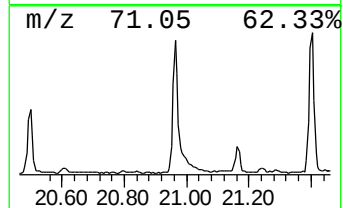
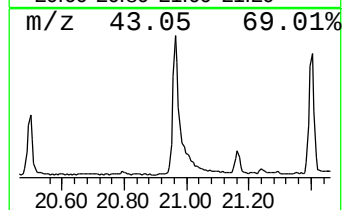
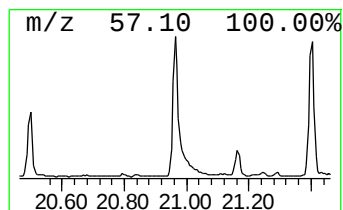
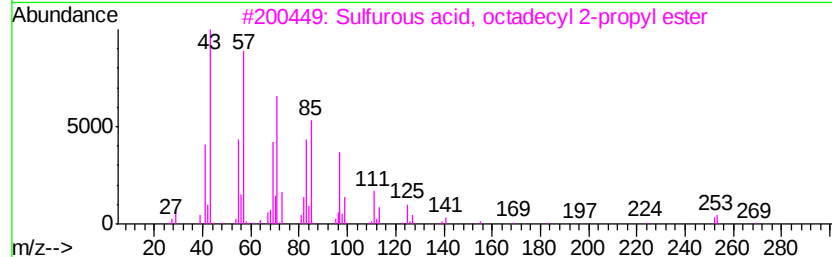
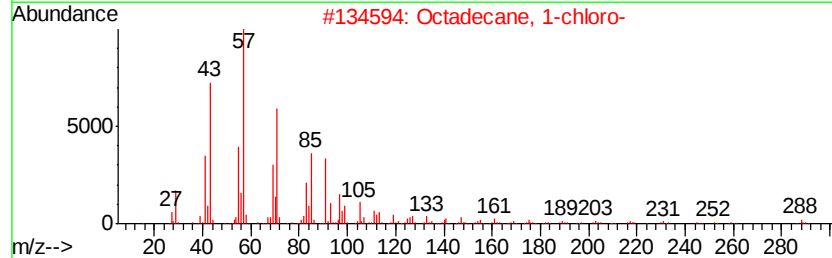
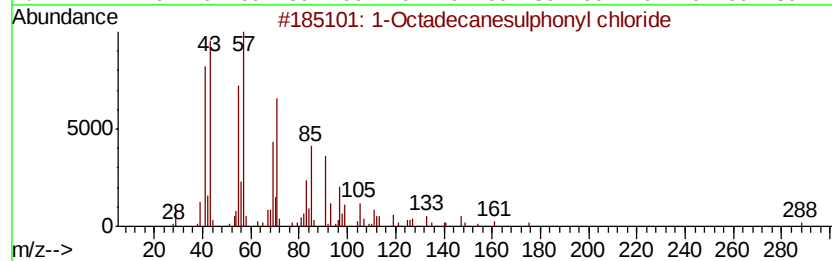
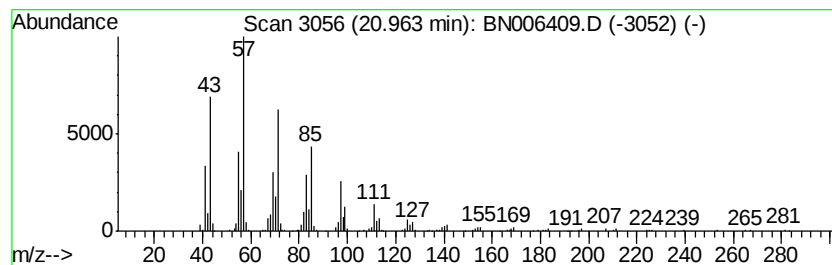
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1-Octadecanesulphonyl chloride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	4.98 ng/ul	935133	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	91
2		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	90
3		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87
4		1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	83
5		Nonadecane	268	C19H40	000629-92-5	74



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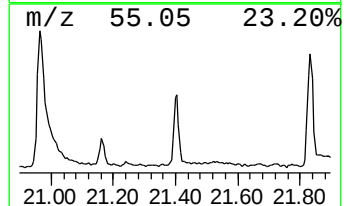
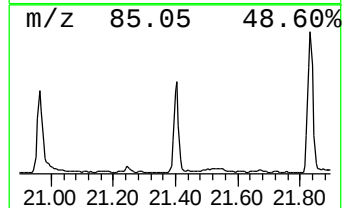
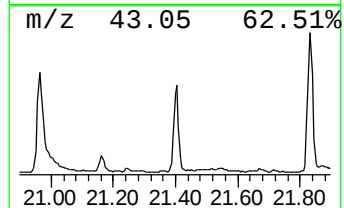
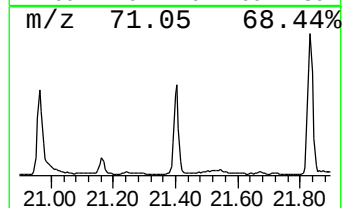
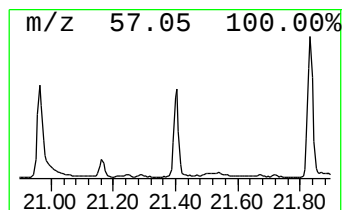
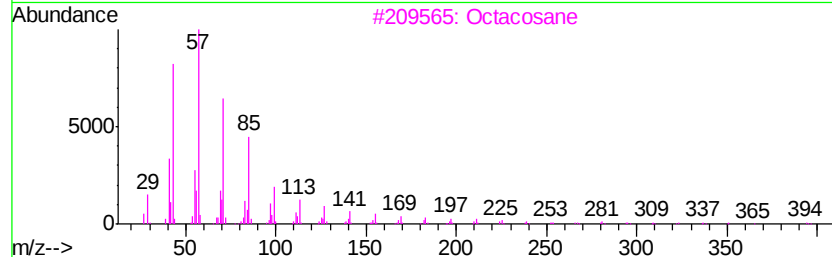
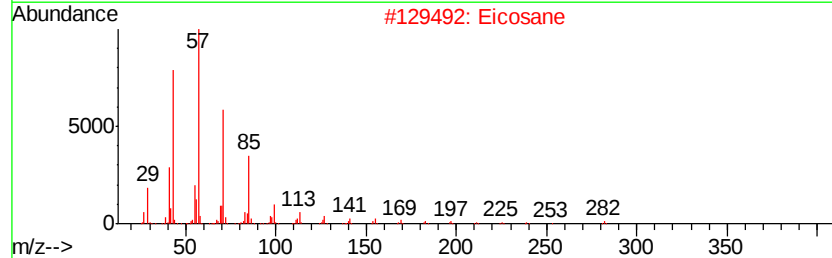
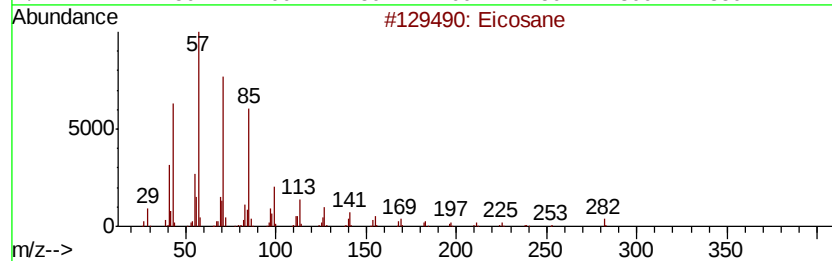
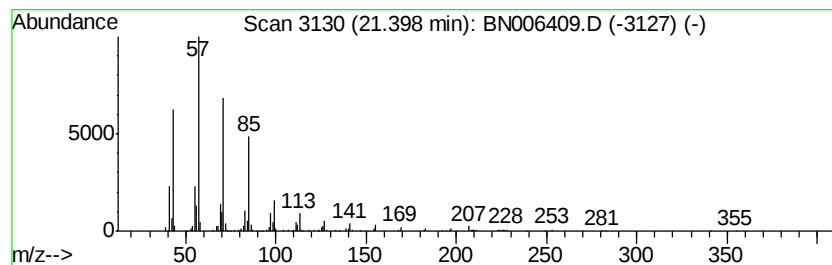
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	2.11 ng/ul	396804	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Eicosane	282	C20H42	000112-95-8	93
3		Octacosane	394	C28H58	000630-02-4	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Heneicosane	296	C21H44	000629-94-7	91



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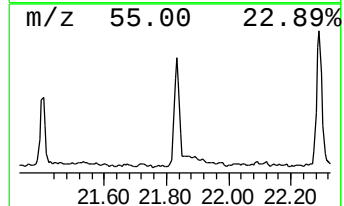
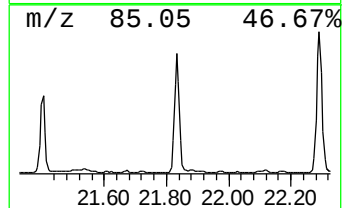
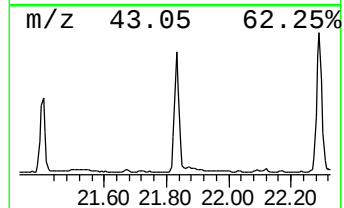
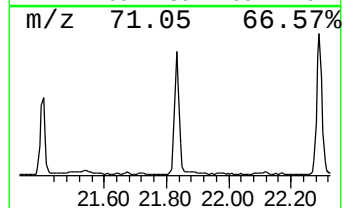
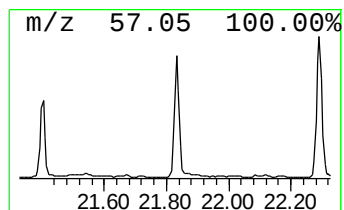
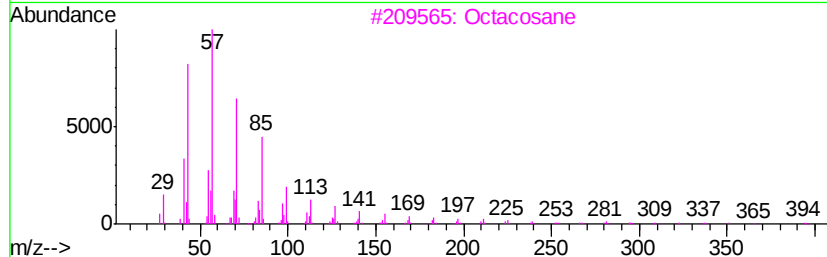
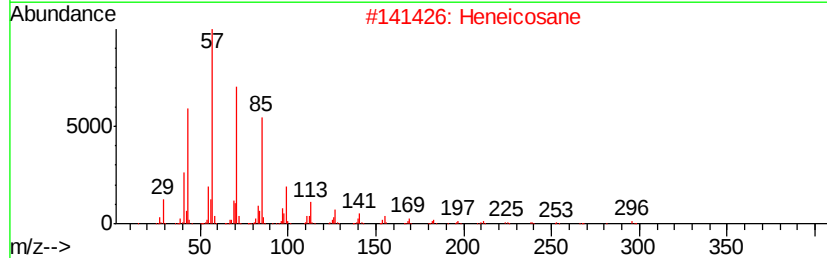
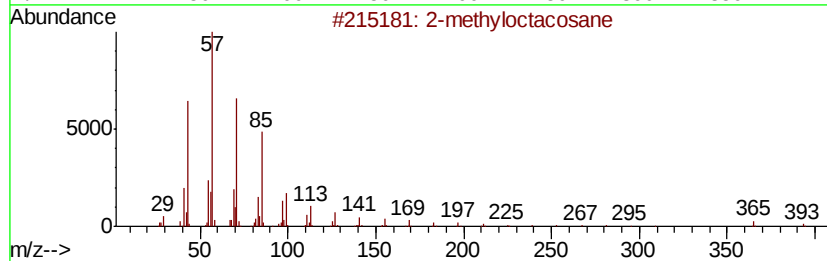
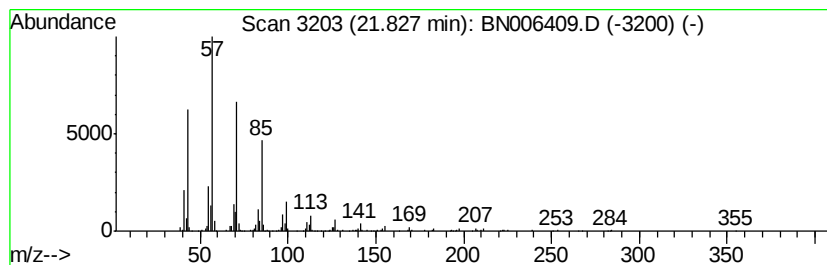
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	3.46 ng/ul	650401	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006409.D
Acq On : 19 Jun 2019 22:39
Operator : JU/SJ
Sample : K3335-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4225

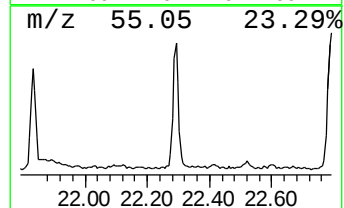
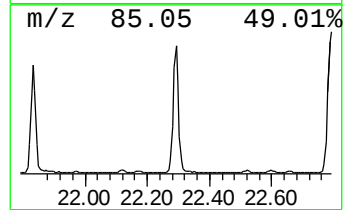
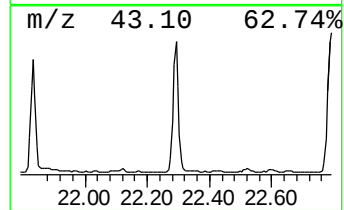
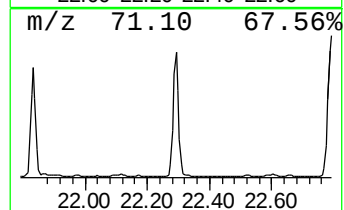
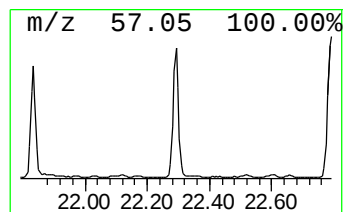
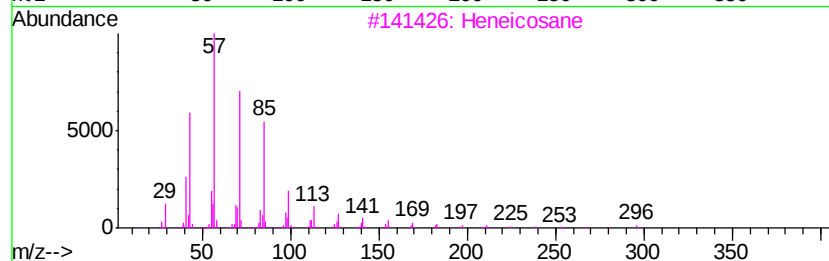
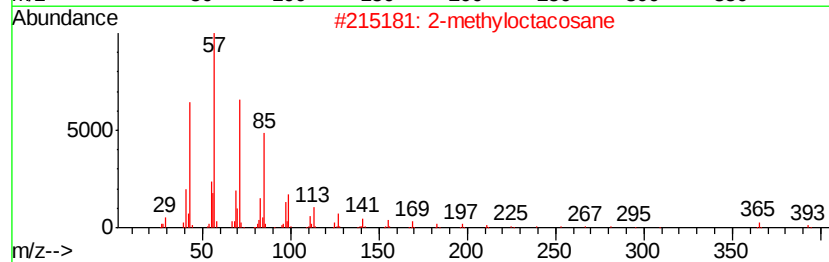
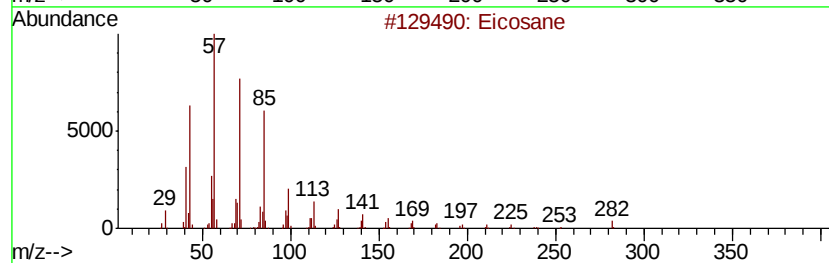
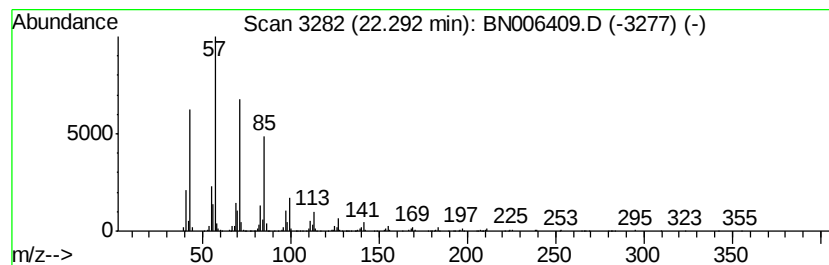
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
22.29	4.55 ng/ul	853900	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006409.D
Acq On : 19 Jun 2019 22:39
Operator : JU/SJ
Sample : K3335-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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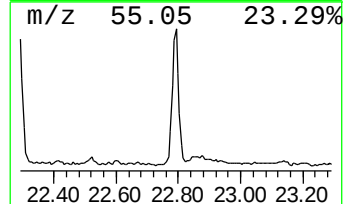
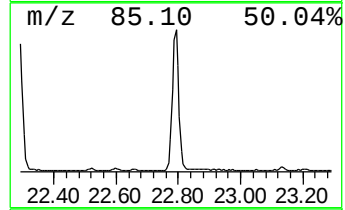
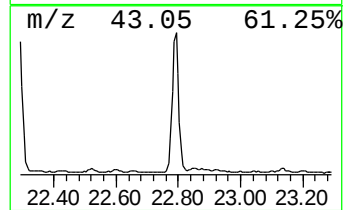
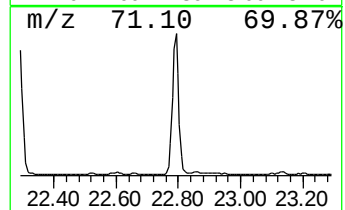
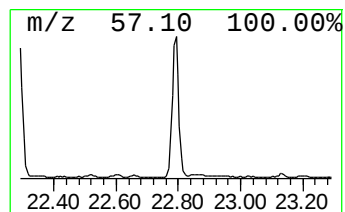
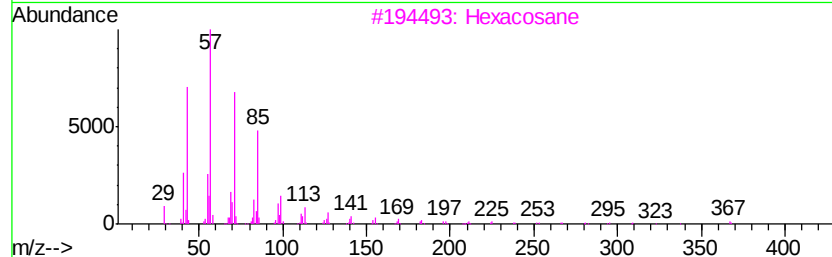
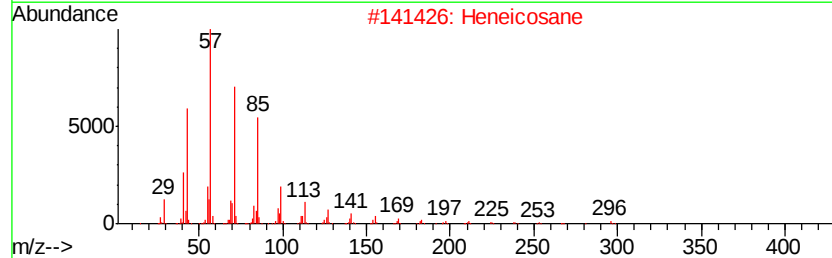
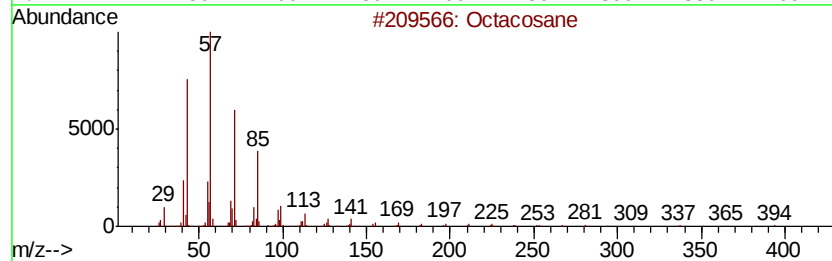
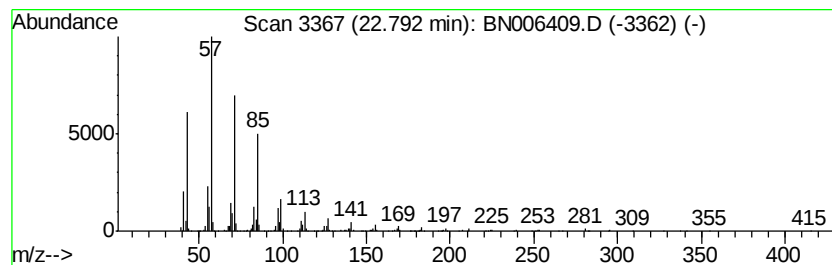
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	5.35 ng/ul	1080440	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006409.D
Acq On : 19 Jun 2019 22:39
Operator : JU/SJ
Sample : K3335-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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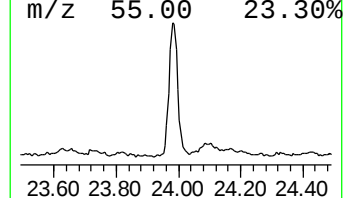
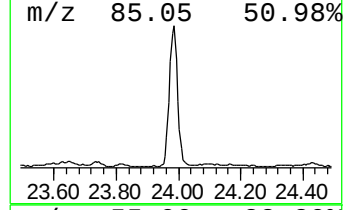
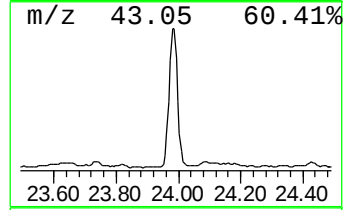
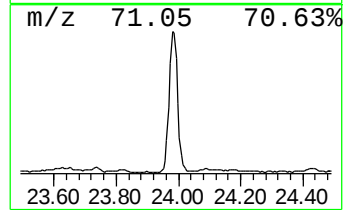
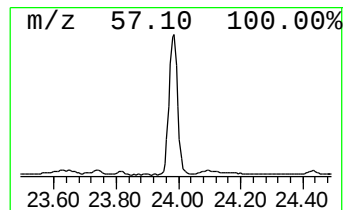
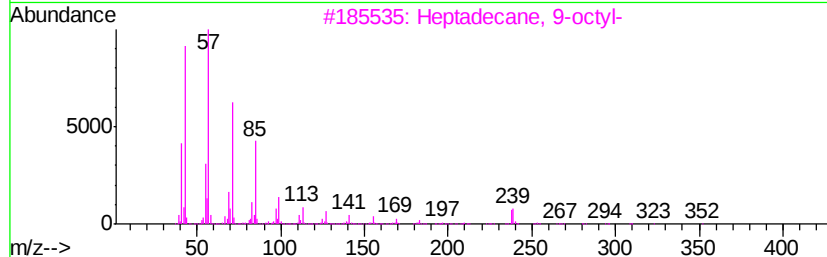
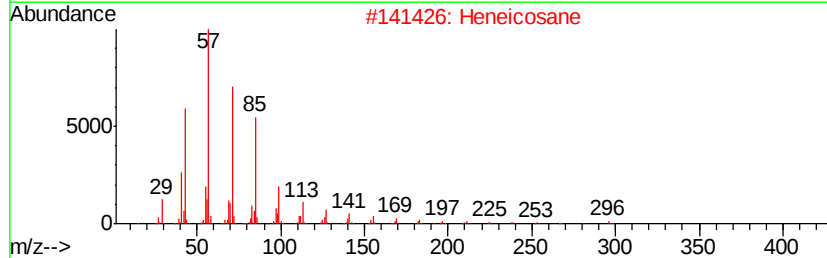
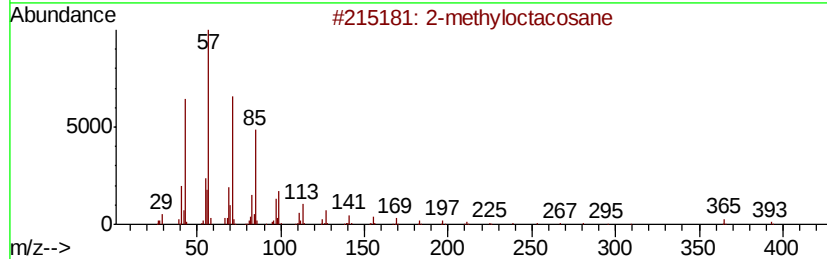
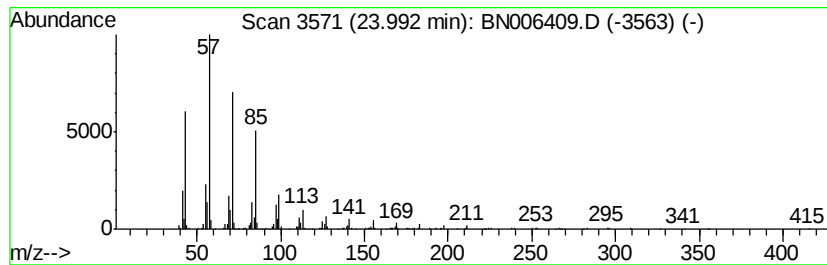
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
23.99	4.62 ng/ul	933455	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006409.D
Acq On : 19 Jun 2019 22:39
Operator : JU/SJ
Sample : K3335-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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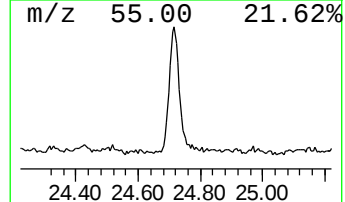
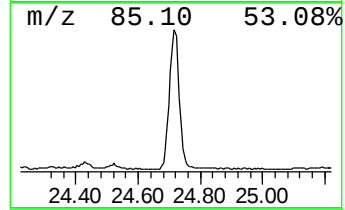
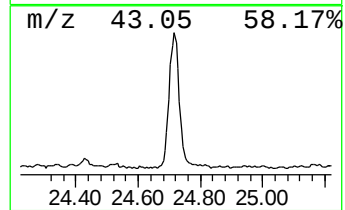
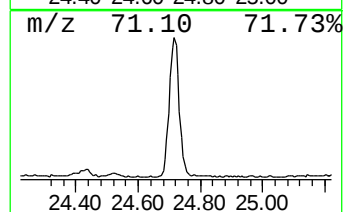
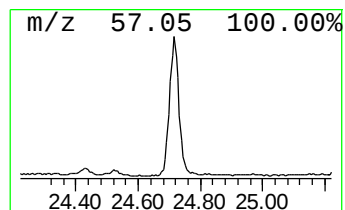
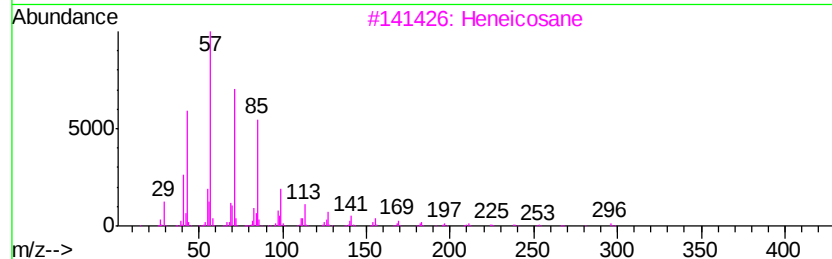
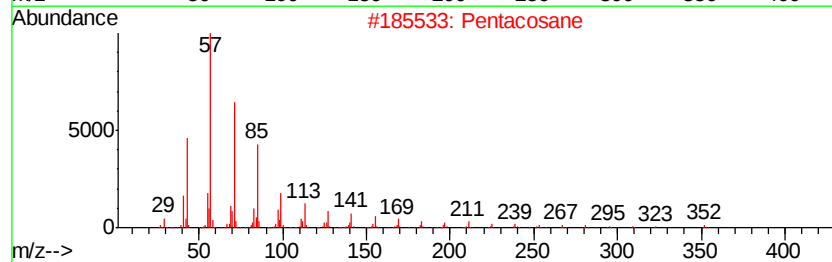
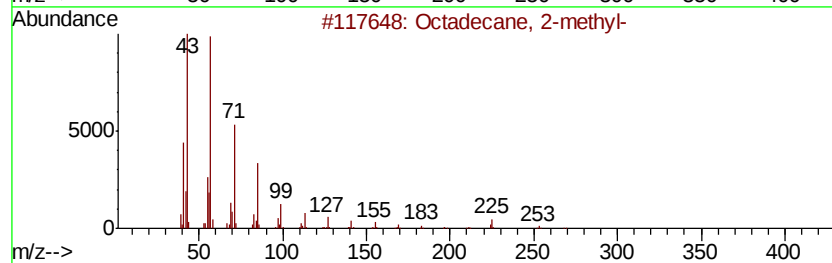
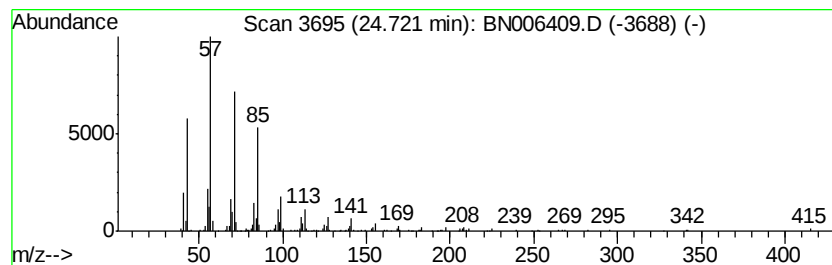
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.72	2.73 ng/ul	551156	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
2		Pentacosane	352	C25H52	000629-99-2	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061919\
Data File : BN006409.D
Acq On : 19 Jun 2019 22:39
Operator : JU/SJ
Sample : K3335-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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1-Octadecanesulph...	20.96	5.0	ng/ul	935133	5	21.25	3757310	20.0
(DEL) Alkane: Str...	21.40	2.1	ng/ul	396804	5	21.25	3757310	20.0
(DEL) Alkane: Str...	21.83	3.5	ng/ul	650401	5	21.25	3757310	20.0
(DEL) Alkane: Str...	22.29	4.5	ng/ul	853900	5	21.25	3757310	20.0
(DEL) Alkane: Str...	22.79	5.3	ng/ul	1080440	6	23.47	4040630	20.0
(DEL) Alkane: Str...	23.99	4.6	ng/ul	933455	6	23.47	4040630	20.0
(DEL) Alkane: Str...	24.72	2.7	ng/ul	551156	6	23.47	4040630	20.0