

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
 Data File : BN006014.D
 Acq On : 02 Jun 2019 03:14
 Operator : JU/SJ
 Sample : K2846-22
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFHA4

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-BN052819MA.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	3.248	12	16	26	rVB	102279	157265	1.39%	0.130%
2	3.513	59	61	71	rVB	17193	30472	0.27%	0.025%
3	3.760	99	103	107	rBV5	6148	12024	0.11%	0.010%
4	3.872	117	122	131	rBV	94804	151343	1.33%	0.125%
5	3.966	135	138	144	rBV2	13785	17362	0.15%	0.014%
6	4.071	152	156	160	rBV5	12374	21293	0.19%	0.018%
7	4.124	163	165	171	rVV4	8213	13096	0.12%	0.011%
8	4.183	172	175	179	rVB3	12146	14312	0.13%	0.012%
9	4.324	196	199	203	rVB5	12788	17338	0.15%	0.014%
10	4.854	285	289	297	rVB	120775	184782	1.63%	0.153%
11	4.948	302	305	312	rVB7	9520	14162	0.12%	0.012%
12	5.818	449	453	458	rVB2	17720	25749	0.23%	0.021%
13	6.130	501	506	510	rBV2	12090	18719	0.17%	0.015%
14	6.383	545	549	552	rBV5	8306	13847	0.12%	0.011%
15	6.895	628	636	649	rBV	1644956	2683730	23.66%	2.216%
16	7.060	658	664	675	rVB	1427312	2253503	19.87%	1.860%
17	7.260	691	698	706	rBV	1703658	2703355	23.84%	2.232%
18	7.724	770	777	784	rBV	1327913	2094369	18.47%	1.729%
19	7.789	784	788	792	rVB	21250	34297	0.30%	0.028%
20	8.430	890	897	907	rBV	2107461	3404561	30.02%	2.811%
21	8.548	913	917	922	rVB	15809	26998	0.24%	0.022%
22	8.877	966	973	983	rBV	1665123	2819410	24.86%	2.328%
23	9.042	997	1001	1006	rVB5	10593	15911	0.14%	0.013%
24	9.301	1040	1045	1051	rVB	30537	45251	0.40%	0.037%
25	9.601	1088	1096	1108	rBV	1413896	2369535	20.89%	1.956%
26	10.136	1177	1187	1202	rBV	1996469	3468843	30.58%	2.864%
27	10.295	1210	1214	1223	rVB5	14081	25988	0.23%	0.021%
28	10.512	1243	1251	1265	rBV	1905441	3261212	28.75%	2.692%
29	10.653	1265	1275	1293	rVV	2019212	3602932	31.77%	2.975%
30	11.253	1371	1377	1384	rBV4	8619	19420	0.17%	0.016%
31	11.471	1408	1414	1420	rBV4	7501	19533	0.17%	0.016%
32	11.559	1423	1429	1443	rBV	123035	261596	2.31%	0.216%
33	12.112	1516	1523	1530	rBV	33773	58056	0.51%	0.048%
34	12.724	1622	1627	1633	rBV4	8267	14985	0.13%	0.012%

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35	12.983	1664	1671	1677	rBV6	12587	22581	0.20%	0.019%
36	13.206	1705	1709	1715	rVB5	7055	12795	0.11%	0.011%
37	13.271	1715	1720	1726	rBV3	20678	34882	0.31%	0.029%
38	13.789	1801	1808	1813	rBV	4320830	6178756	54.48%	5.101%
39	13.836	1813	1816	1824	rVB	1524553	1904193	16.79%	1.572%
40	14.071	1846	1856	1872	rBV	4403770	6735191	59.38%	5.561%
41	14.289	1886	1893	1897	rBV4	10675	16207	0.14%	0.013%
42	14.383	1900	1909	1919	rBV2	3053466	4578932	40.37%	3.780%
43	14.589	1936	1944	1964	rBV	1498073	2534356	22.35%	2.092%
44	14.742	1967	1970	1975	rVV6	15106	22468	0.20%	0.019%
45	14.806	1976	1981	1986	rVV2	59719	85344	0.75%	0.070%
46	15.189	2042	2046	2052	rBV3	21327	36513	0.32%	0.030%
47	15.241	2052	2055	2060	rVB4	14556	18224	0.16%	0.015%
48	15.377	2071	2078	2093	rBV	5760498	8416724	74.21%	6.949%
49	15.506	2093	2100	2114	rBV	1812715	2595000	22.88%	2.142%
50	15.618	2114	2119	2124	rVB	72234	109688	0.97%	0.091%
51	15.871	2156	2162	2167	rBV7	11521	18849	0.17%	0.016%
52	15.953	2170	2176	2180	rBV7	10720	19591	0.17%	0.016%
53	16.065	2191	2195	2199	rBV6	11061	19082	0.17%	0.016%
54	16.106	2199	2202	2204	rVV2	14201	15369	0.14%	0.013%
55	16.165	2208	2212	2216	rVB2	30492	43598	0.38%	0.036%
56	16.283	2228	2232	2238	rVB2	9064	11708	0.10%	0.010%
57	16.677	2296	2299	2302	rBV3	12099	13033	0.11%	0.011%
58	16.812	2319	2322	2327	rVB5	15203	19739	0.17%	0.016%
59	16.918	2334	2340	2346	rVB4	18944	44452	0.39%	0.037%
60	17.059	2361	2364	2370	rVB5	13405	15069	0.13%	0.012%
61	17.136	2370	2377	2387	rBV2	3969394	5674762	50.03%	4.685%
62	17.235	2387	2394	2404	rVV2	5975306	8886467	78.35%	7.337%
63	17.330	2407	2410	2414	rVB2	31401	39487	0.35%	0.033%
64	17.812	2488	2492	2499	rVB8	12626	20884	0.18%	0.017%
65	17.906	2502	2508	2509	rBV5	9143	14321	0.13%	0.012%
66	18.035	2525	2530	2539	rBV	379659	582566	5.14%	0.481%
67	18.106	2539	2542	2547	rVB	37965	56582	0.50%	0.047%
68	18.335	2577	2581	2584	rBV4	22687	30026	0.26%	0.025%
69	18.841	2665	2667	2672	rVB5	11012	15256	0.13%	0.013%
70	18.977	2686	2690	2695	rVB6	20740	30731	0.27%	0.025%
71	19.171	2719	2723	2730	rBV	84170	120874	1.07%	0.100%

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72	19.324	2746	2749	2758	rBV9	27625	40660	0.36%	0.034%
73	19.424	2762	2766	2771	rVV	70327	94618	0.83%	0.078%
74	19.541	2779	2786	2794	rBV	7468456	10511548	92.68%	8.678%
75	20.065	2873	2875	2878	rBV4	19923	28993	0.26%	0.024%
76	20.471	2942	2944	2948	rVB4	40617	41743	0.37%	0.034%
77	20.594	2962	2965	2969	rVB	52695	61087	0.54%	0.050%
78	21.059	3039	3044	3054	rBV	1173496	1800306	15.87%	1.486%
79	21.259	3076	3078	3082	rBV	86397	90870	0.80%	0.075%
80	21.347	3087	3093	3104	rVV	4665135	6356069	56.04%	5.248%
81	21.500	3116	3119	3126	rBV	195431	251290	2.22%	0.207%
82	21.947	3191	3195	3198	rBV	291174	384437	3.39%	0.317%
83	22.418	3270	3275	3281	rBV	481178	693318	6.11%	0.572%
84	22.547	3294	3297	3302	rVB	188161	249655	2.20%	0.206%
85	22.935	3358	3363	3370	rBV	615294	848117	7.48%	0.700%
86	23.482	3448	3456	3468	rBV2	5171135	11341794	100.00%	9.364%
87	23.629	3473	3481	3492	rVB2	3173224	6403959	56.46%	5.287%
88	24.170	3568	3573	3582	rVB	587302	1077595	9.50%	0.890%
89	24.929	3697	3702	3711	rVB	540200	1163258	10.26%	0.960%
90	25.817	3848	3853	3862	rVB	321862	816317	7.20%	0.674%

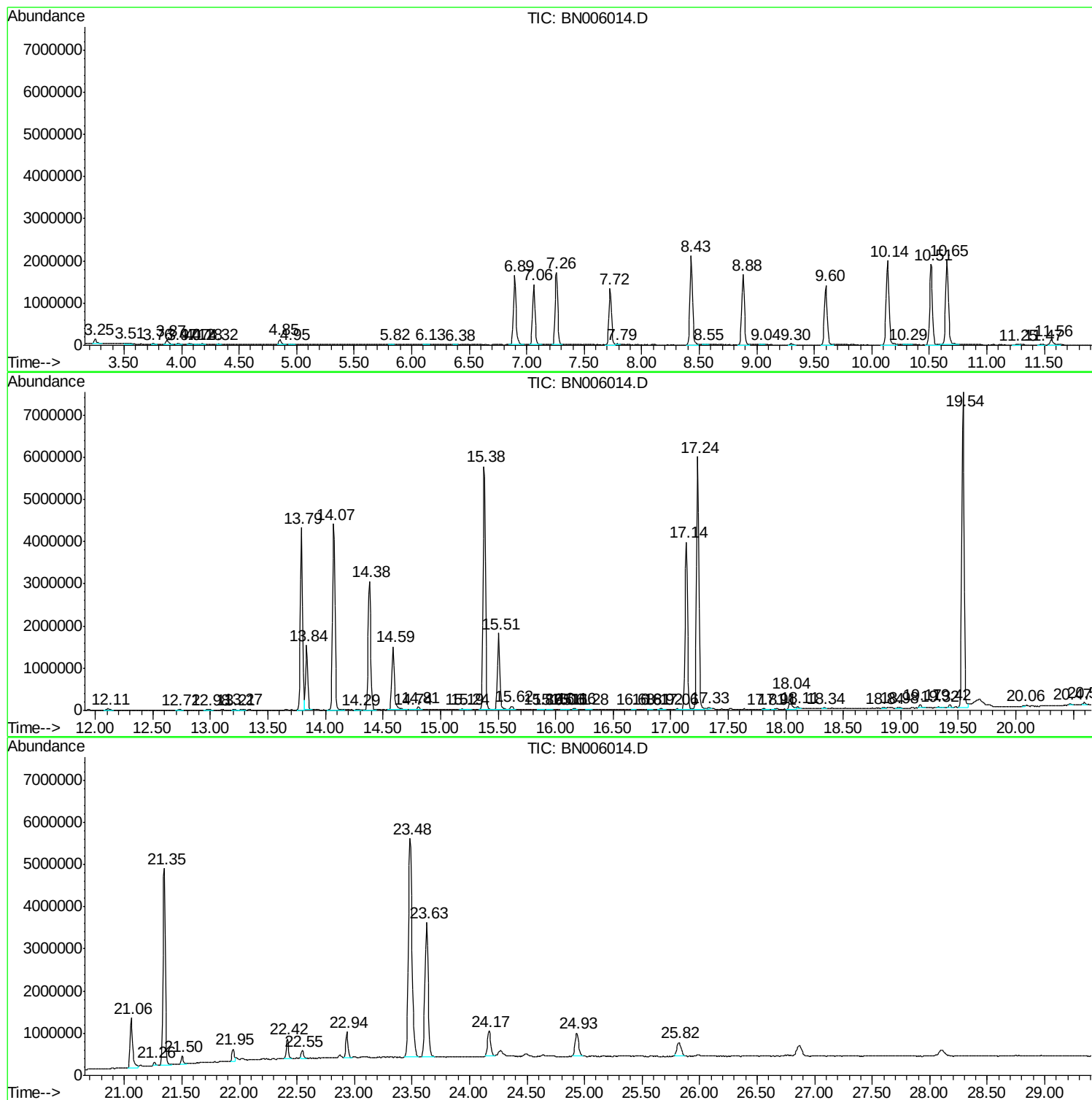
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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



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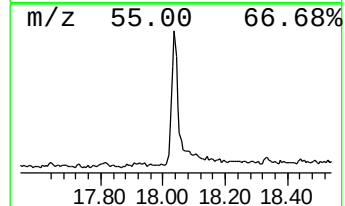
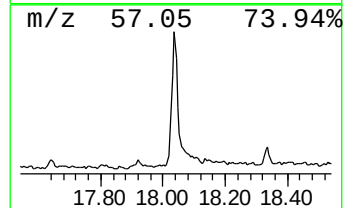
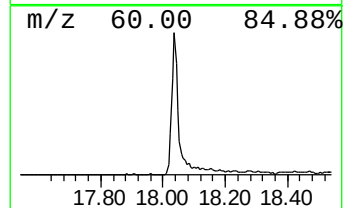
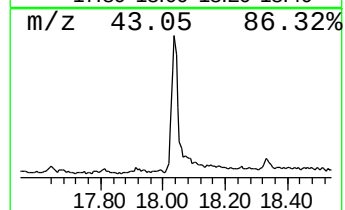
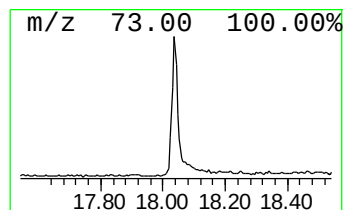
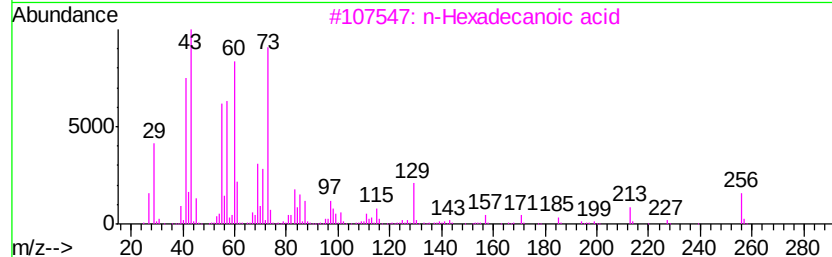
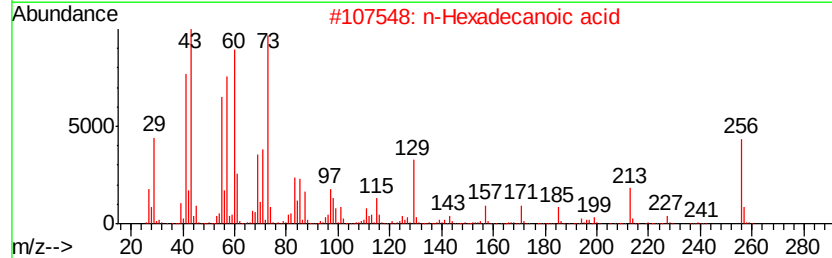
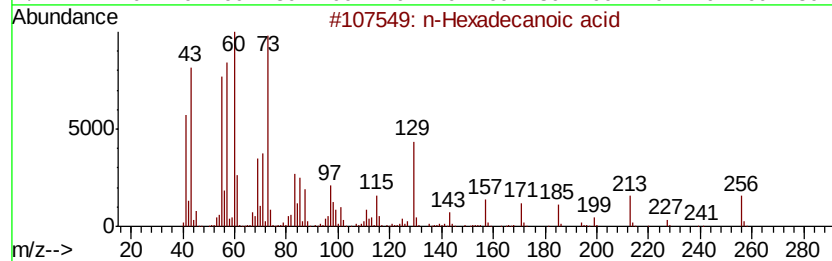
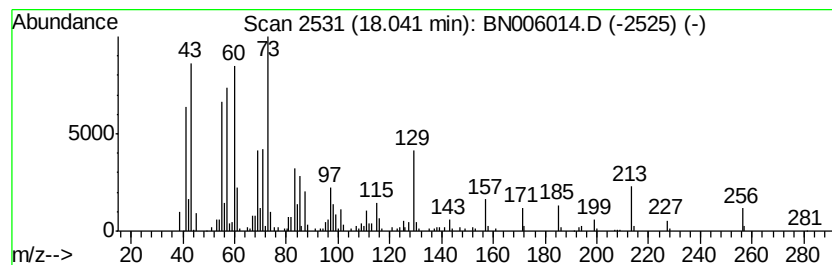
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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.		
18.04	2.05 ng/ul	582566	Phenanthrene-d10	17.14		
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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	86	



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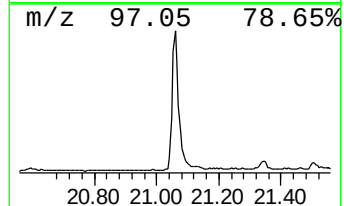
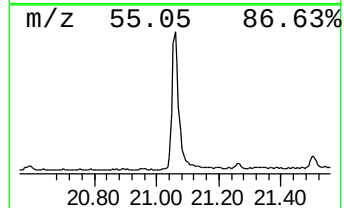
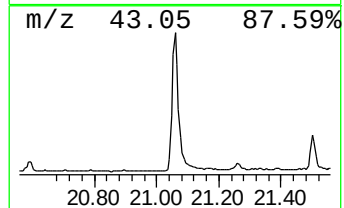
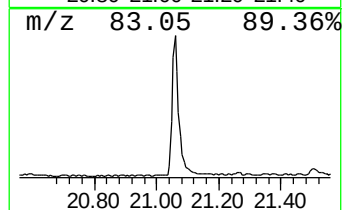
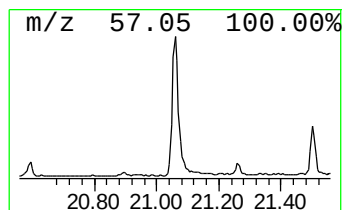
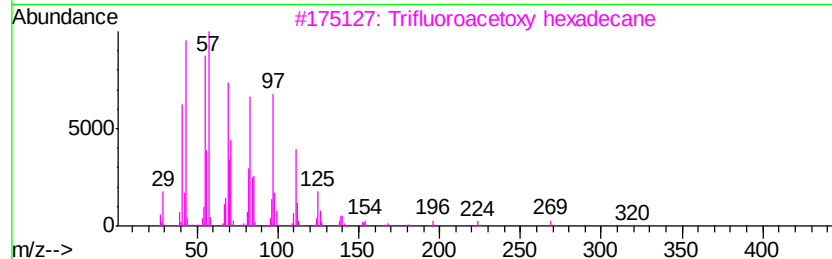
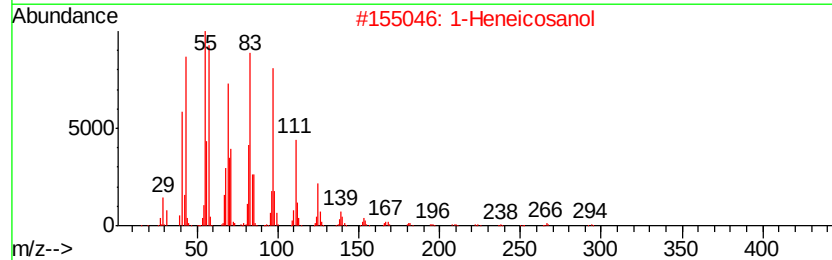
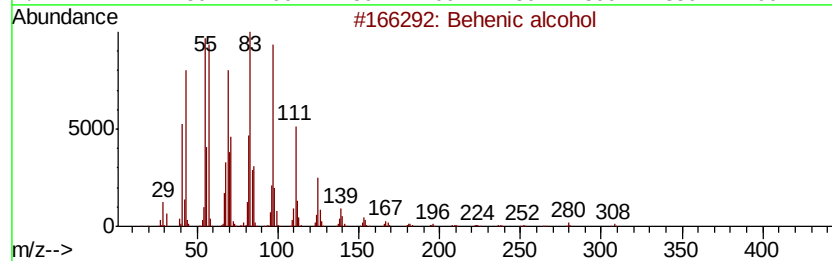
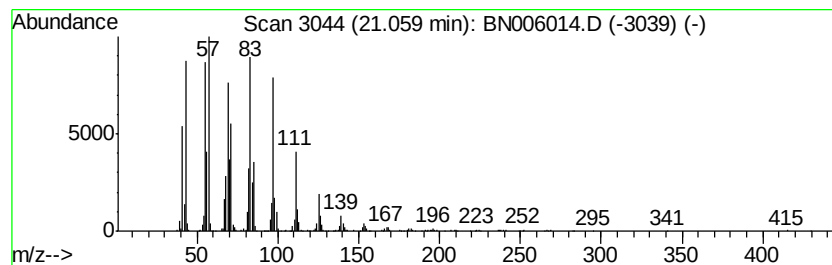
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	5.66 ng/ul	1800310	Chrysene-d12	21.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Behenic alcohol	326 C22H46O	000661-19-8 95
2		1-Heneicosanol	312 C21H44O	015594-90-8 94
3		Trifluoroacetoxy hexadecane	338 C18H33F3O2	006222-03-3 94
4		Heptadecyl heptafluorobutyrate	452 C21H35F7O2	959085-66-6 94
5		1-Heptacosanol	396 C27H56O	002004-39-9 91



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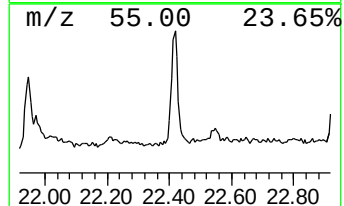
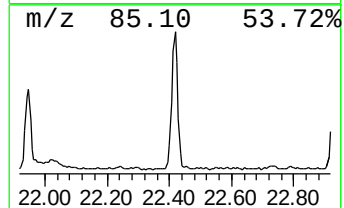
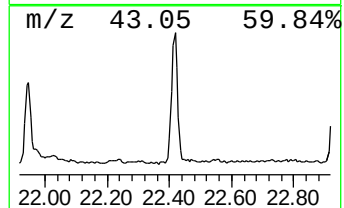
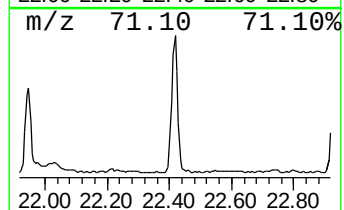
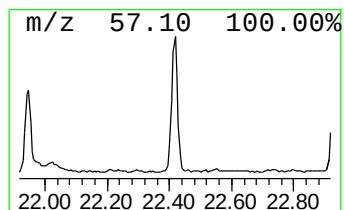
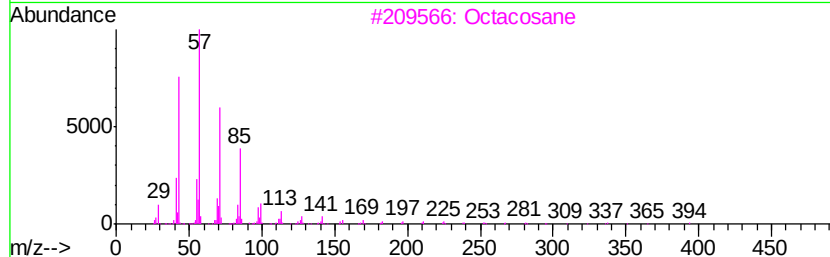
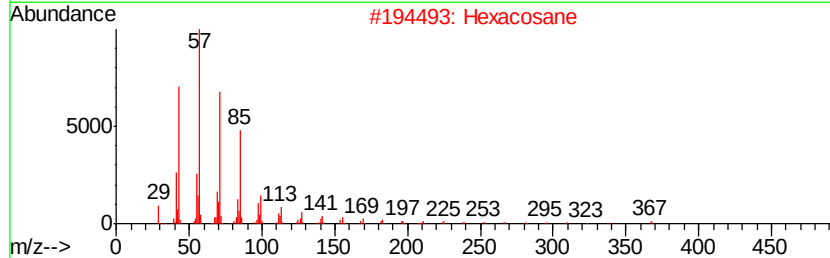
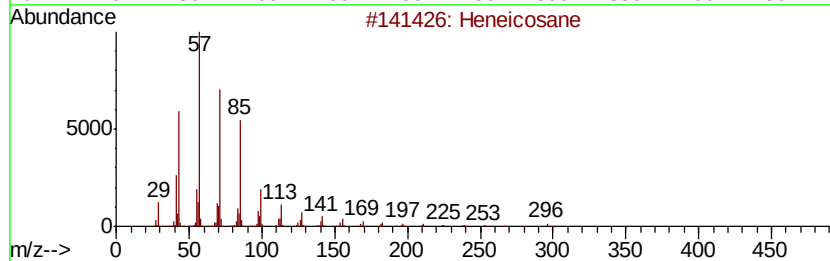
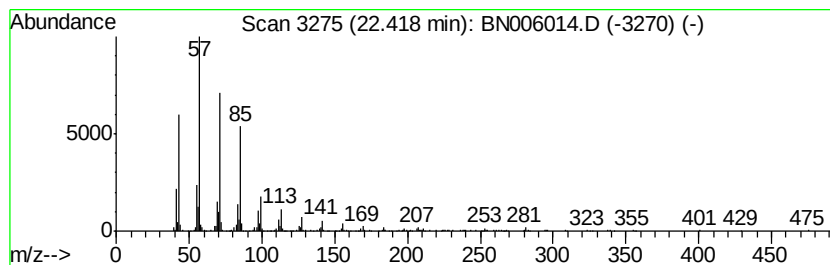
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
22.42	2.18 ng/ul	693318	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Hexacosane	366	C26H54	000630-01-3	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	89
5		2-Bromotetradecane	276	C14H29Br	074036-95-6	87



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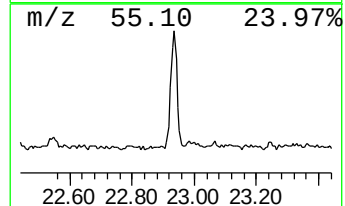
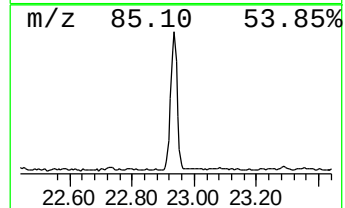
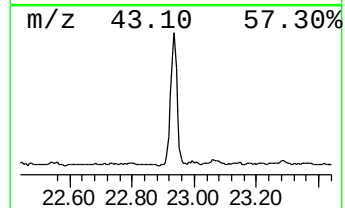
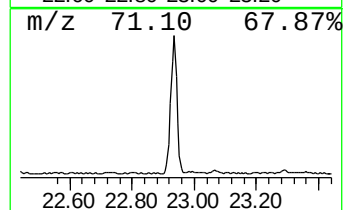
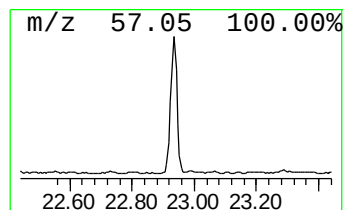
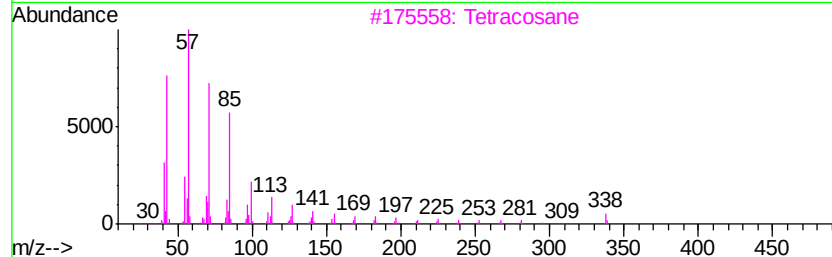
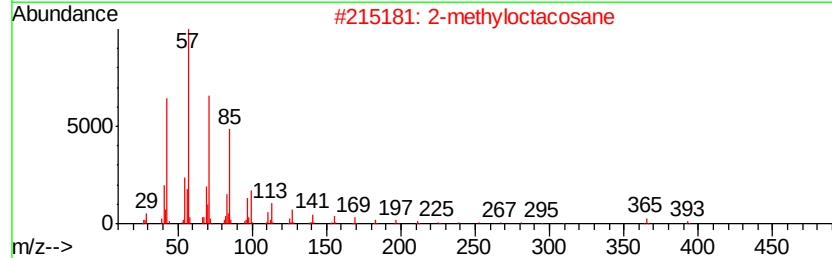
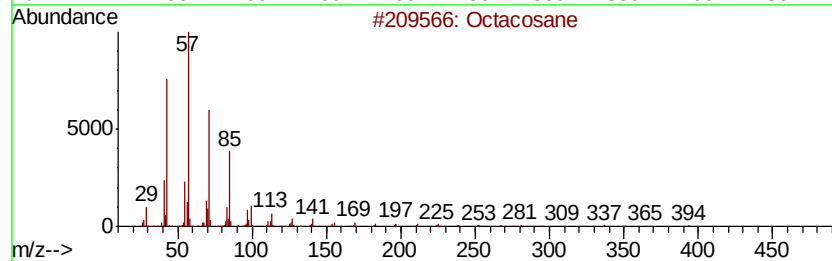
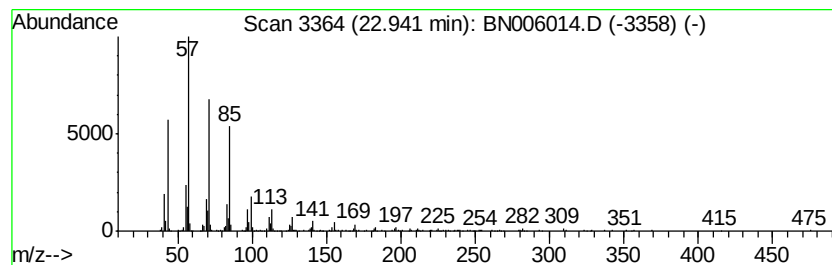
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	2.65 ng/ul	848117	Perylene-d12	23.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Hexacosane	366	C26H54	000630-01-3	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006014.D
Acq On : 02 Jun 2019 03:14
Operator : JU/SJ
Sample : K2846-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHA4

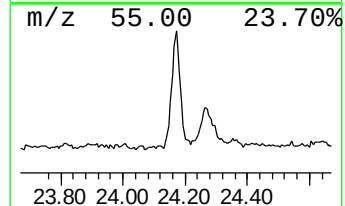
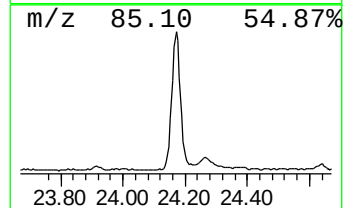
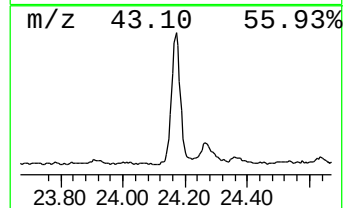
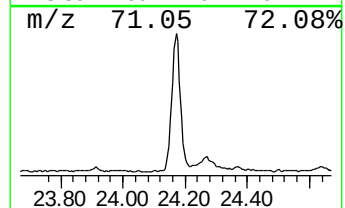
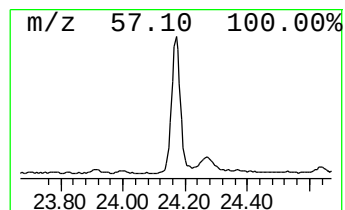
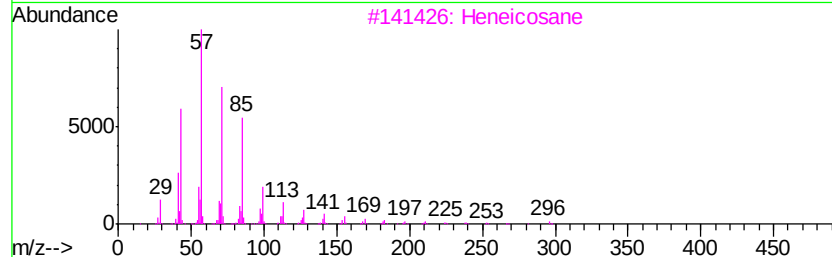
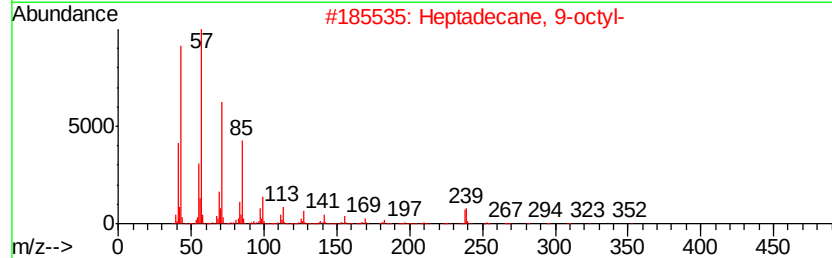
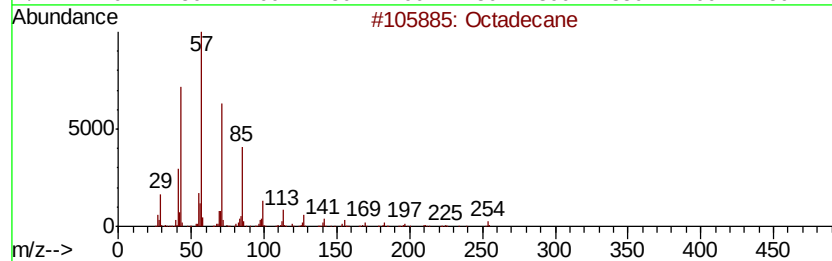
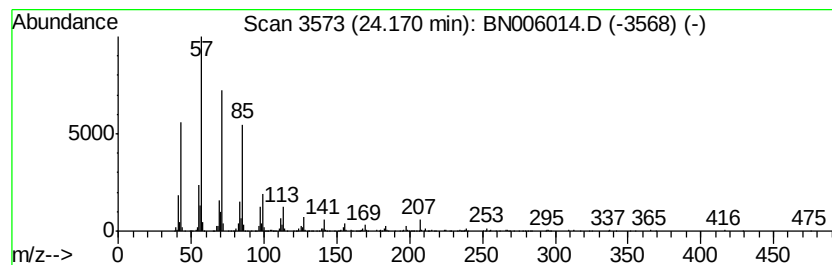
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.17	3.37 ng/ul	1077600	Perylene-d12	23.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006014.D
Acq On : 02 Jun 2019 03:14
Operator : JU/SJ
Sample : K2846-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHA4

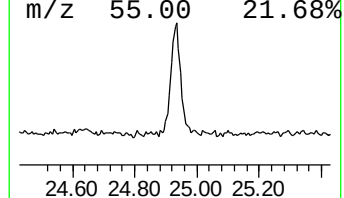
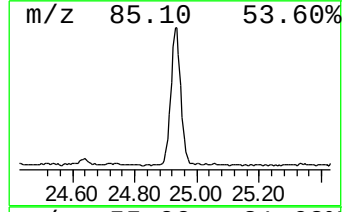
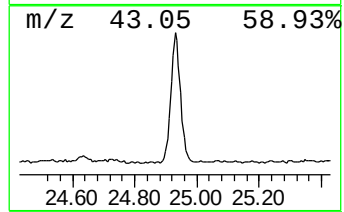
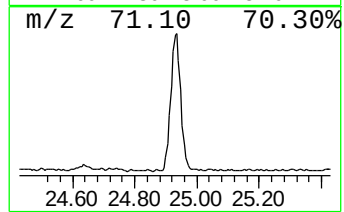
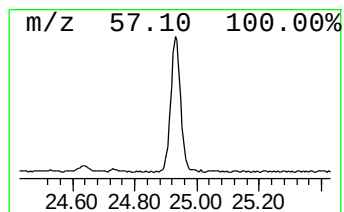
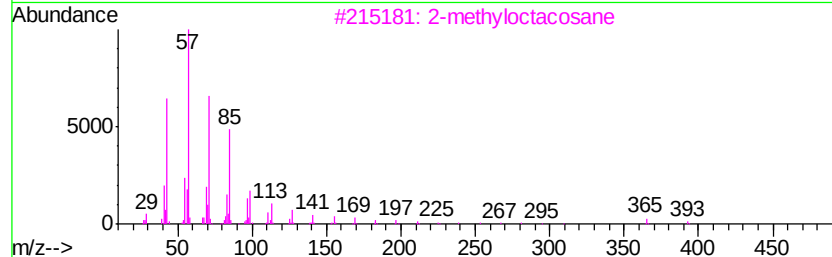
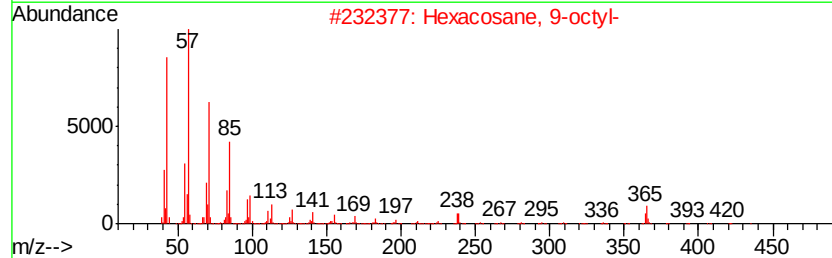
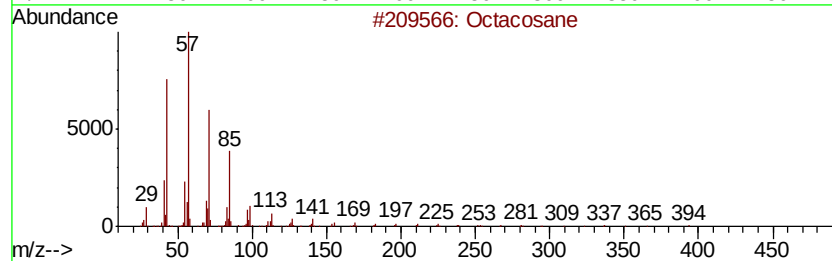
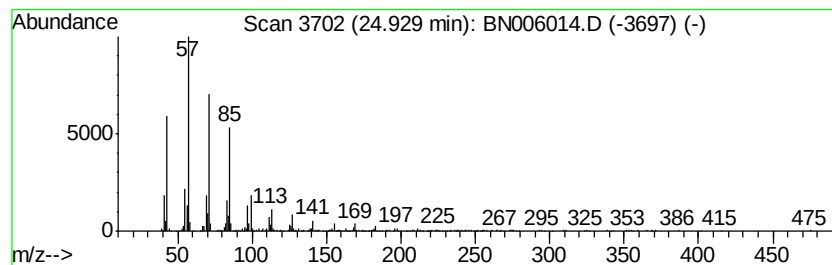
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.93	3.63 ng/ul	1163260	Perylene-d12	23.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Hexacosane, 9-octyl-	479	C34H70	055429-83-9	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	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\BN060119\
Data File : BN006014.D
Acq On : 02 Jun 2019 03:14
Operator : JU/SJ
Sample : K2846-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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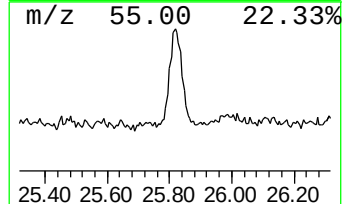
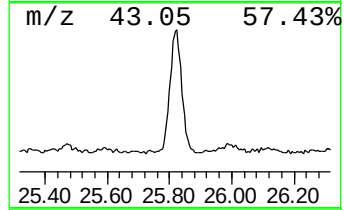
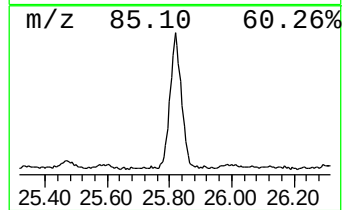
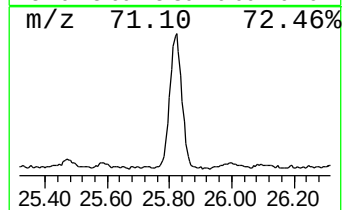
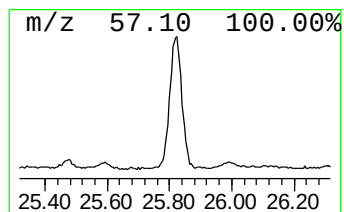
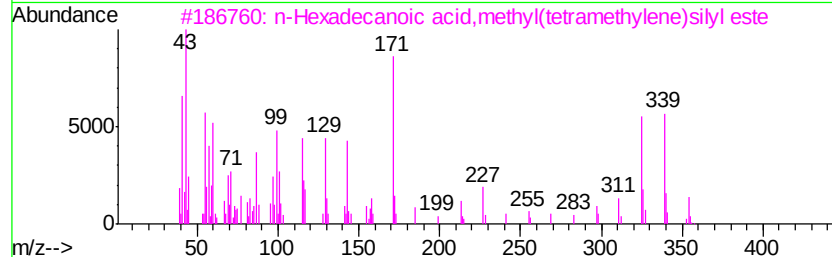
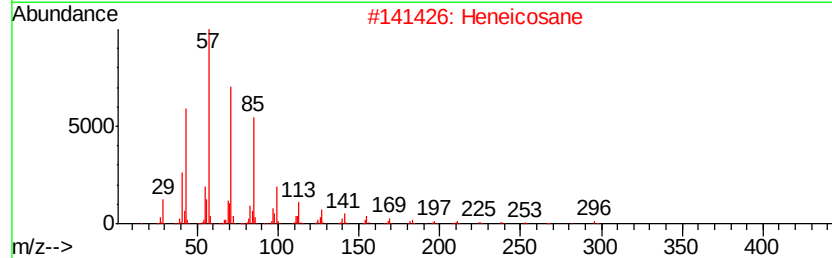
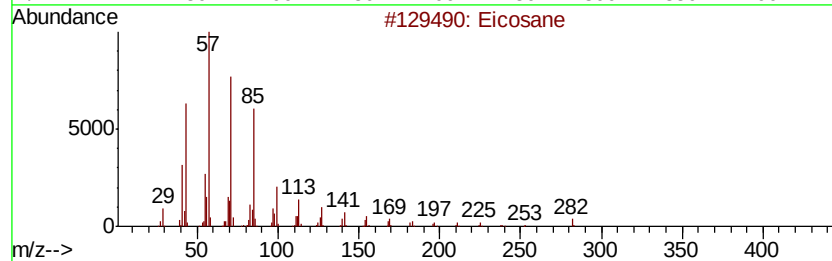
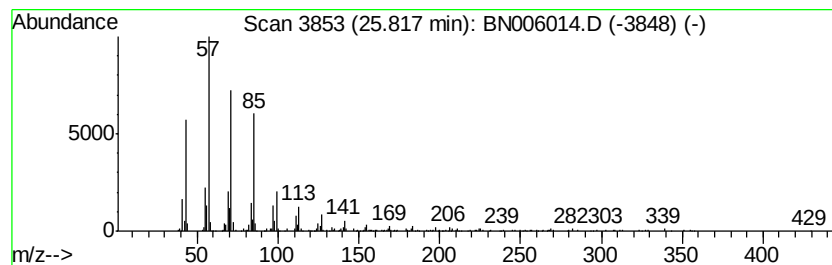
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.82	2.55 ng/ul	816317	Perylene-d12	23.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Heneicosane	296	C21H44	000629-94-7	90
3		n-Hexadecanoic acid,methvl(tetra...	354	C21H42O2Si	1000217-04-1	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5		2-Bromotetradecane	276	C14H29Br	074036-95-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060119\
Data File : BN006014.D
Acq On : 02 Jun 2019 03:14
Operator : JU/SJ
Sample : K2846-22
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-BN052819MA.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
n-Hexadecanoic acid	18.04	2.0	ng/ul	582566	4	17.14	5674760	20.0
Behenic alcohol	21.06	5.7	ng/ul	1800310	5	21.35	6356070	20.0
(DEL) Alkane: Str...	22.42	2.2	ng/ul	693318	5	21.35	6356070	20.0
(DEL) Alkane: Str...	22.94	2.6	ng/ul	848117	6	23.63	6403960	20.0
(DEL) Alkane: Str...	24.17	3.4	ng/ul	1077600	6	23.63	6403960	20.0
(DEL) Alkane: Str...	24.93	3.6	ng/ul	1163260	6	23.63	6403960	20.0
(DEL) Alkane: Str...	25.82	2.5	ng/ul	816317	6	23.63	6403960	20.0