

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
 Data File : BN006443.D
 Acq On : 21 Jun 2019 00:01
 Operator : JU/SJ
 Sample : K3360-04
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41Y5

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	3.134	22	25	35	rVB	52307	79492	1.04%	0.102%
2	3.763	127	132	137	rBV5	10324	17449	0.23%	0.022%
3	3.863	145	149	157	rVB2	9176	17420	0.23%	0.022%
4	4.751	296	300	311	rVB2	18228	33358	0.44%	0.043%
5	6.287	558	561	567	rVB3	4448	8513	0.11%	0.011%
6	6.804	641	649	670	rBV	937530	1648003	21.52%	2.113%
7	6.963	670	676	693	rVV	831511	1268253	16.56%	1.626%
8	7.157	702	709	722	rBV	949963	1539152	20.10%	1.974%
9	7.622	782	788	808	rBV	867395	1411597	18.43%	1.810%
10	8.334	902	909	926	rBV	1159945	1933396	25.24%	2.479%
11	8.451	926	929	938	rVB4	8827	20310	0.27%	0.026%
12	8.781	978	985	1001	rBV	937457	1602562	20.92%	2.055%
13	8.945	1009	1013	1020	rVB6	5289	12279	0.16%	0.016%
14	9.192	1050	1055	1060	rVB2	9803	14615	0.19%	0.019%
15	9.498	1100	1107	1122	rBV	781413	1325786	17.31%	1.700%
16	10.034	1192	1198	1223	rBV	1160084	2028165	26.48%	2.601%
17	10.404	1253	1261	1274	rBV	1334125	2230058	29.12%	2.859%
18	10.551	1278	1286	1308	rBV	1098063	2060525	26.90%	2.642%
19	12.010	1527	1534	1542	rBV2	11350	20894	0.27%	0.027%
20	12.880	1677	1682	1685	rBV5	5796	8255	0.11%	0.011%
21	13.169	1726	1731	1738	rBV	68157	103569	1.35%	0.133%
22	13.692	1814	1820	1824	rBV	2515444	3487730	45.54%	4.472%
23	13.739	1824	1828	1837	rVV	1598737	2157934	28.18%	2.767%
24	13.969	1860	1867	1880	rBV	2661496	4010680	52.37%	5.143%
25	14.280	1913	1920	1931	rBV2	2148847	3103963	40.53%	3.980%
26	14.504	1952	1958	1978	rBV	761910	1410873	18.42%	1.809%
27	14.716	1991	1994	1998	rBV5	7543	10574	0.14%	0.014%
28	15.086	2052	2057	2063	rBV	95813	120732	1.58%	0.155%
29	15.139	2063	2066	2071	rVB3	8951	11522	0.15%	0.015%
30	15.280	2083	2090	2105	rBV	3502492	5097325	66.56%	6.536%
31	15.416	2108	2113	2126	rVV	994033	1482091	19.35%	1.900%
32	15.521	2126	2131	2139	rVB	46505	77300	1.01%	0.099%
33	15.851	2182	2187	2194	rBV6	4246	8325	0.11%	0.011%
34	16.004	2210	2213	2216	rBV3	6268	8255	0.11%	0.011%

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Integration Parameters: LSCINT.P

Integrator: RTE
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	16.357	2269	2273	2280	rBV4	5303	9152	0.12%	0.012%
36	16.798	2345	2348	2350	rBV2	6730	7973	0.10%	0.010%
37	16.827	2350	2353	2360	rVB	10980	17754	0.23%	0.023%
38	17.033	2382	2388	2398	rBV2	2643213	3806444	49.70%	4.881%
39	17.133	2399	2405	2418	rVV2	3921358	5675441	74.10%	7.277%
40	17.245	2422	2424	2430	rVV7	13630	23542	0.31%	0.030%
41	17.327	2434	2438	2447	rVB8	4494	9570	0.12%	0.012%
42	17.439	2452	2457	2465	rBV7	11555	33303	0.43%	0.043%
43	17.533	2470	2473	2476	rVV2	10169	13407	0.18%	0.017%
44	17.715	2498	2504	2508	rVB7	12163	18112	0.24%	0.023%
45	17.939	2537	2542	2552	rBV	137201	236163	3.08%	0.303%
46	18.233	2588	2592	2596	rBV3	27497	33569	0.44%	0.043%
47	18.280	2596	2600	2602	rVV3	5414	7762	0.10%	0.010%
48	18.821	2688	2692	2697	rBV6	15794	29633	0.39%	0.038%
49	18.874	2697	2701	2707	rVV2	57349	86078	1.12%	0.110%
50	19.004	2720	2723	2726	rVB4	8087	9245	0.12%	0.012%
51	19.080	2731	2736	2742	rBV	43087	85566	1.12%	0.110%
52	19.233	2758	2762	2769	rBV5	27802	58470	0.76%	0.075%
53	19.333	2775	2779	2784	rVB	38981	50378	0.66%	0.065%
54	19.445	2792	2798	2805	rBV	4952589	6682488	87.25%	8.569%
55	19.498	2805	2807	2817	rVB3	39851	57155	0.75%	0.073%
56	19.998	2888	2892	2897	rVB	108775	127277	1.66%	0.163%
57	20.309	2942	2945	2950	rVB6	20542	27031	0.35%	0.035%
58	20.374	2952	2956	2964	rVB8	21443	44797	0.58%	0.057%
59	20.498	2973	2977	2981	rBV	158066	177428	2.32%	0.228%
60	20.968	3052	3057	3065	rBV	458896	794335	10.37%	1.019%
61	21.251	3100	3105	3118	rBV	3480681	4375452	57.13%	5.610%
62	21.403	3127	3131	3137	rBV	328665	376011	4.91%	0.482%
63	21.839	3201	3205	3209	rBV	418071	483411	6.31%	0.620%
64	22.298	3278	3283	3293	rBV	557781	724359	9.46%	0.929%
65	22.798	3363	3368	3373	rBV	534162	771831	10.08%	0.990%
66	23.345	3453	3461	3475	rBV	3929214	7658753	100.00%	9.820%
67	23.480	3477	3484	3496	rVB2	2431349	4541617	59.30%	5.824%
68	23.992	3565	3571	3582	rVB	455940	844999	11.03%	1.084%
69	24.721	3689	3695	3705	rVB	364514	757810	9.89%	0.972%
70	25.574	3834	3840	3850	rVB	217089	534152	6.97%	0.685%
71	26.574	4005	4010	4021	rVB	152269	426305	5.57%	0.547%

LSC Area Percent Report

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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
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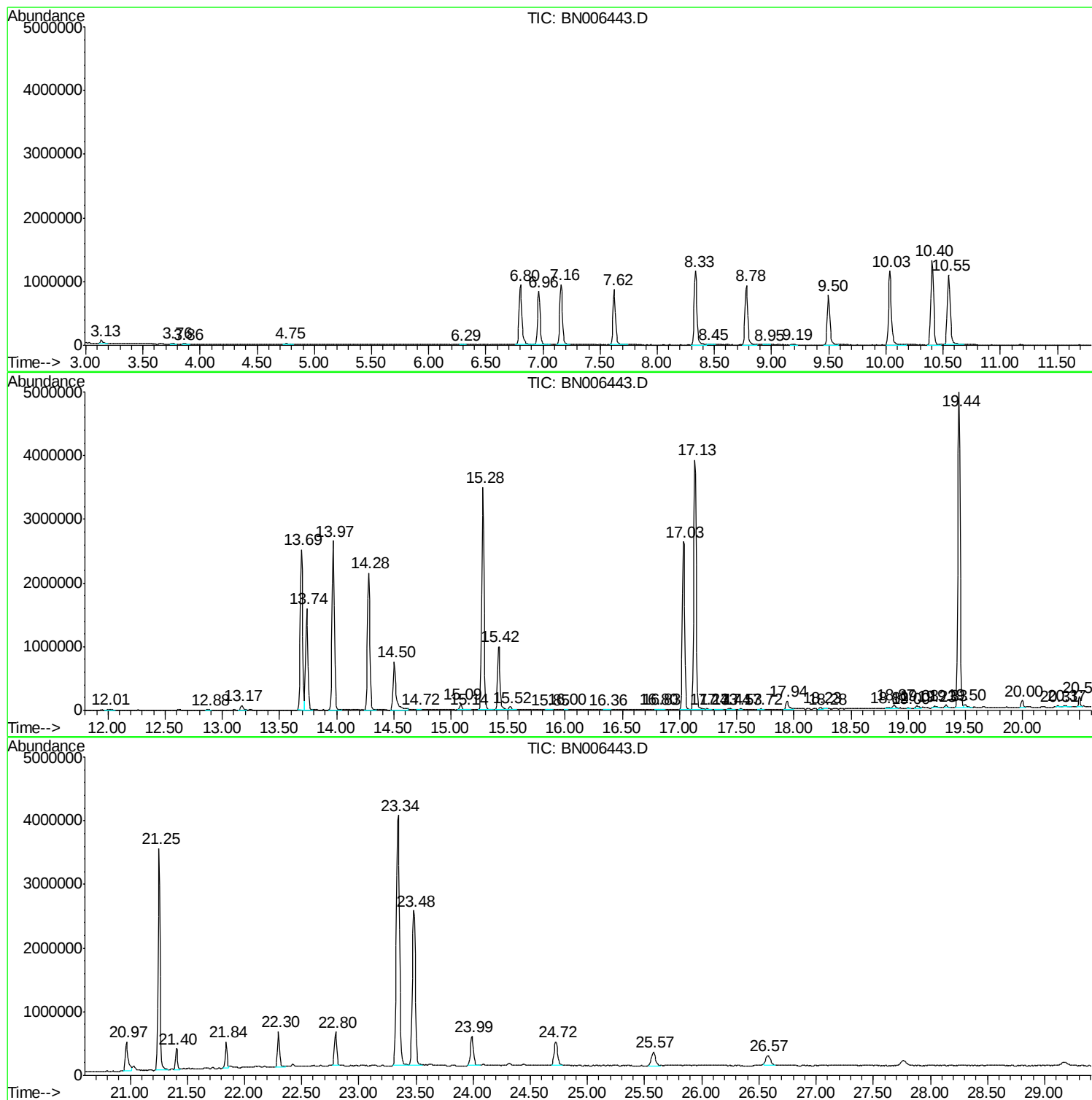
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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



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Operator : JU/SJ
Sample : K3360-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

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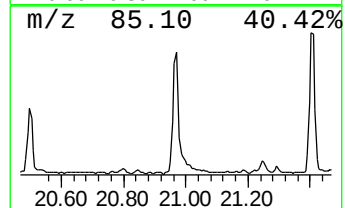
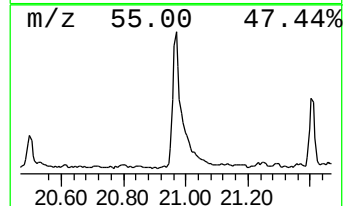
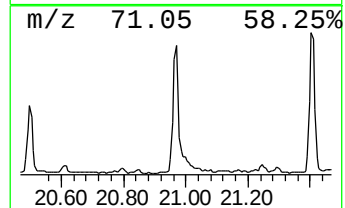
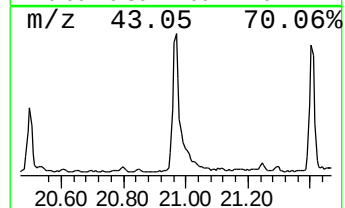
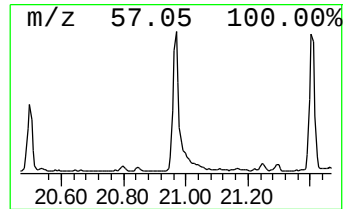
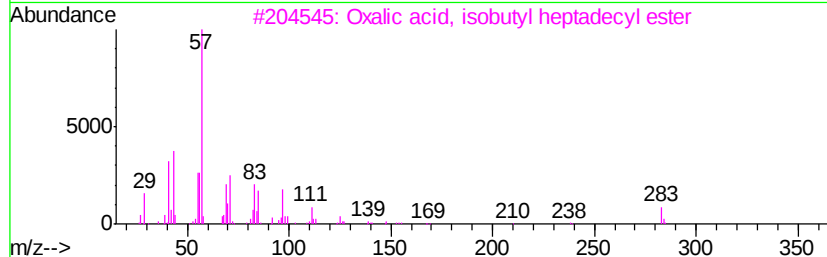
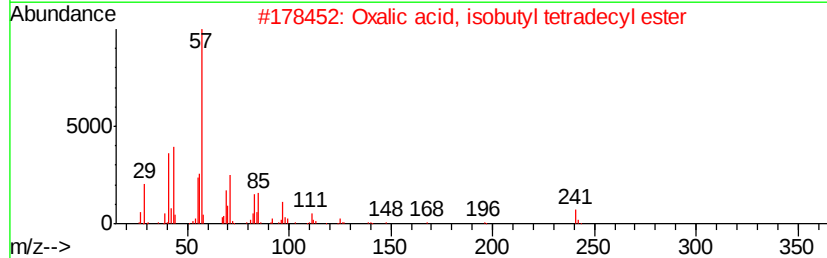
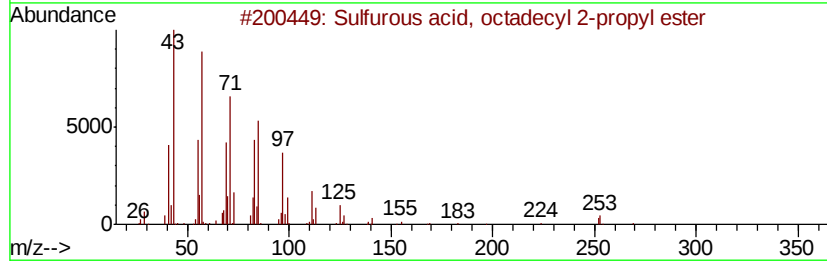
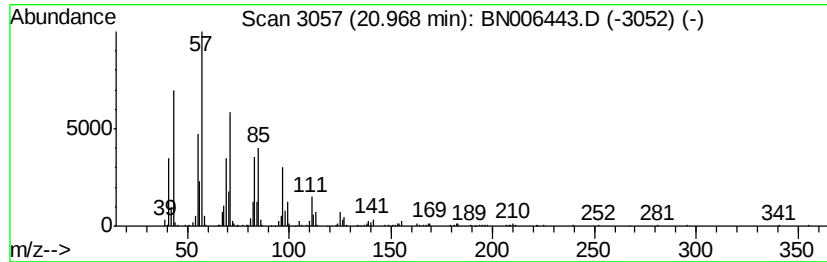
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Sulfurous acid, octadecyl 2... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	3.63 ng/ul	794335	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87
2		Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	83
3		Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	68
4		Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	68
5		Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	68



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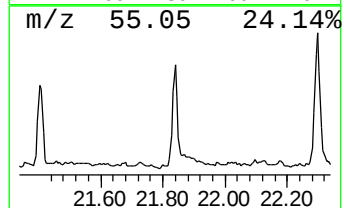
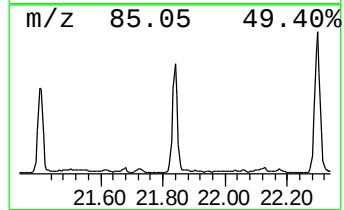
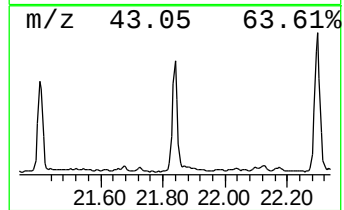
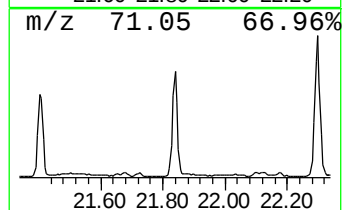
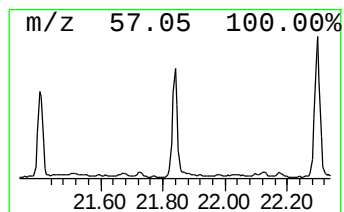
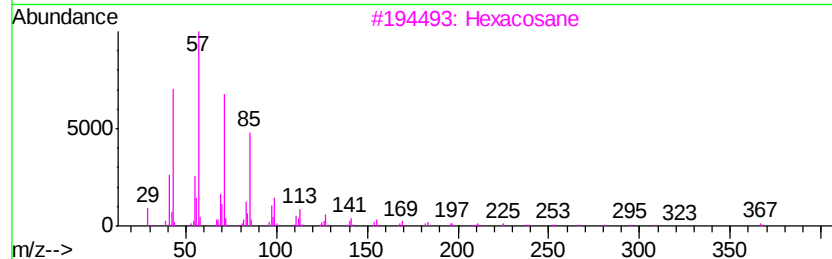
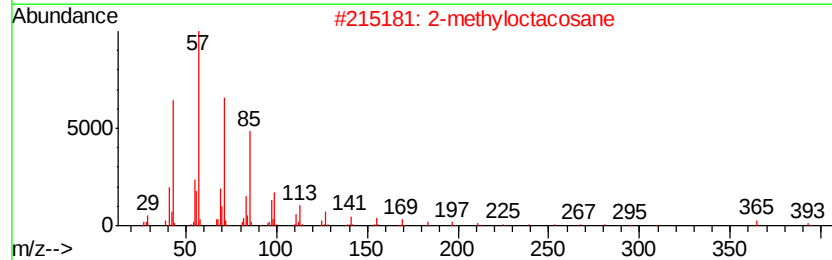
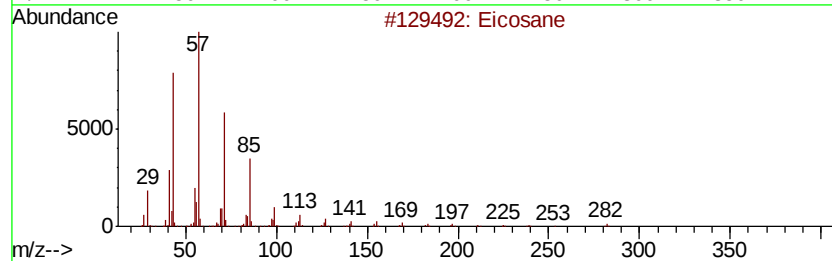
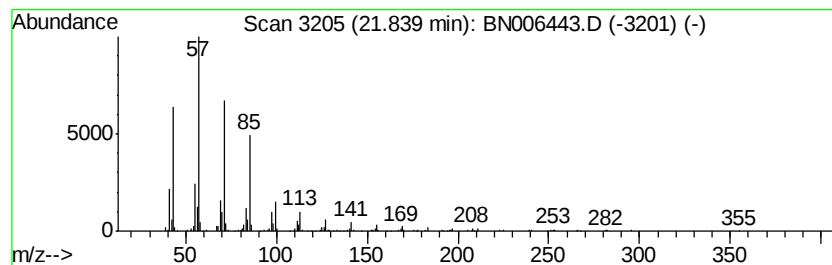
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	2.21 ng/ul	483411	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Octacosane	394	C28H58	000630-02-4	91



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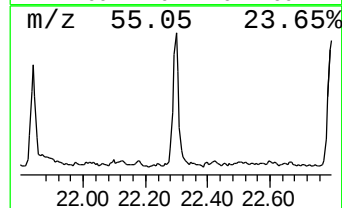
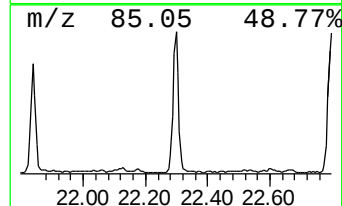
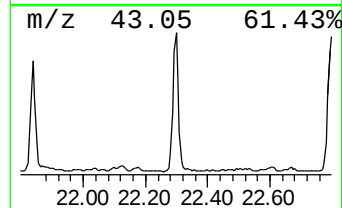
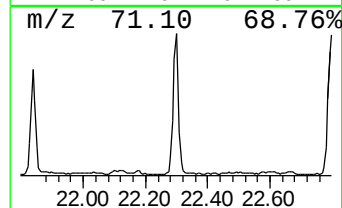
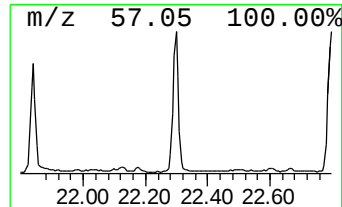
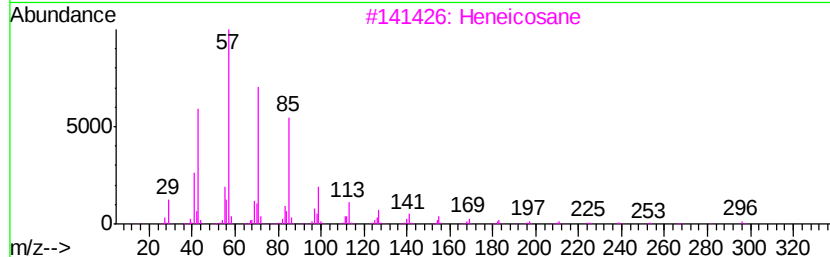
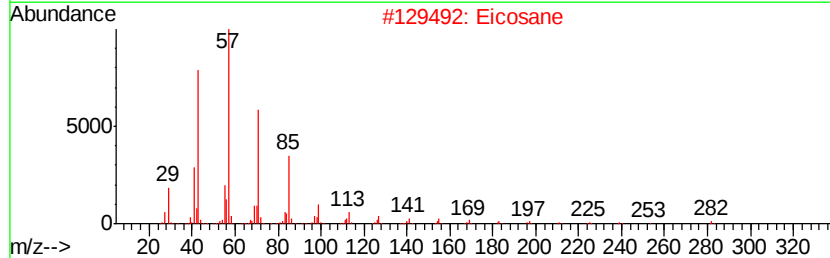
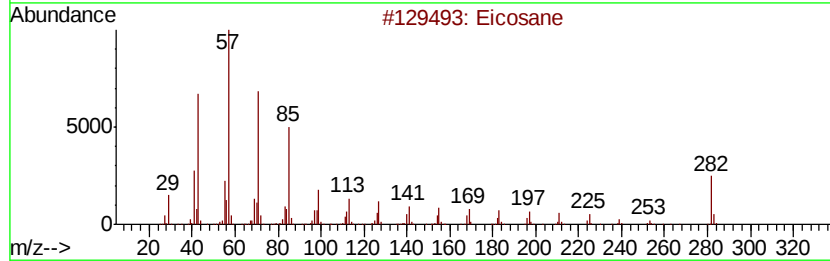
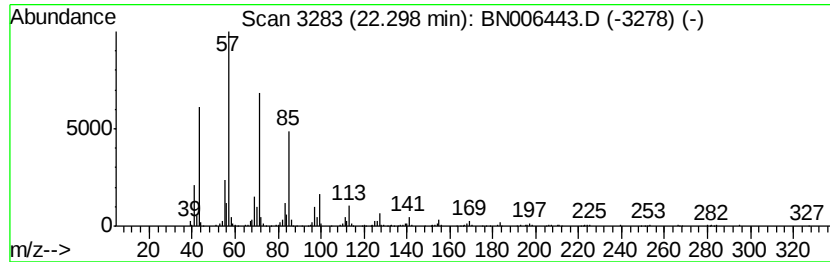
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	3.31 ng/ul	724359	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Eicosane	282	C20H42	000112-95-8	93
3		Heneicosane	296	C21H44	000629-94-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



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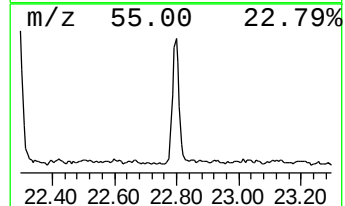
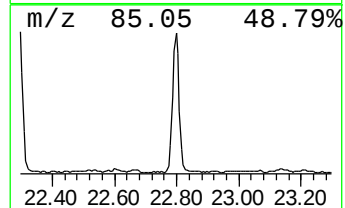
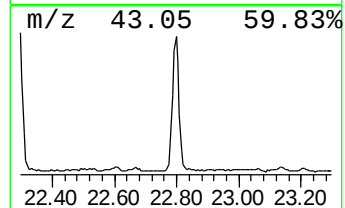
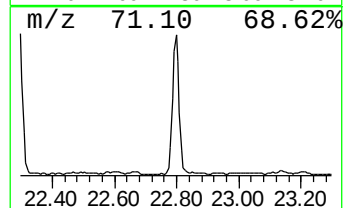
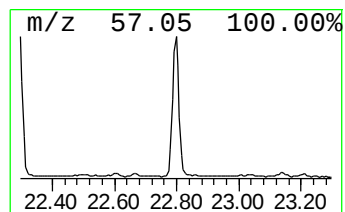
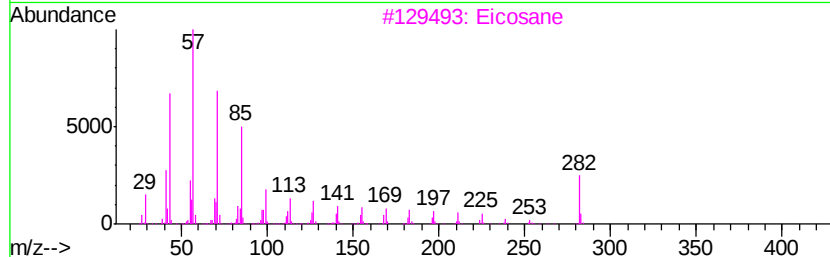
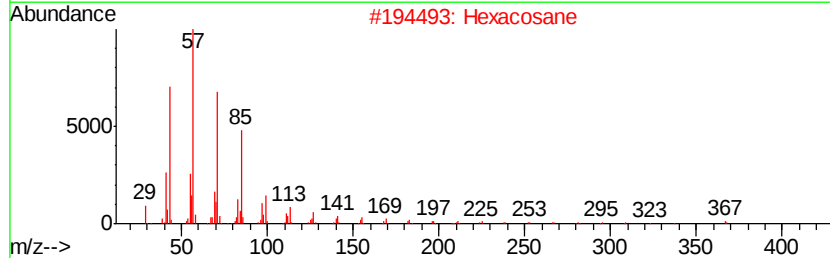
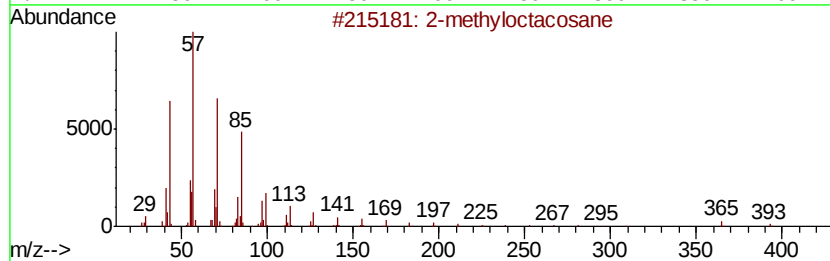
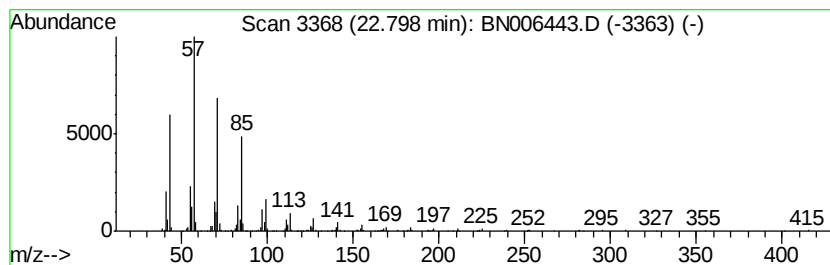
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	3.40 ng/ul	771831	Perylene-d12	23.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	91
2			Hexacosane	366	C26H54	000630-01-3	91
3			Eicosane	282	C20H42	000112-95-8	91
4			Tetracosane	338	C24H50	000646-31-1	91
5			Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006443.D
Acq On : 21 Jun 2019 00:01
Operator : JU/SJ
Sample : K3360-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41Y5

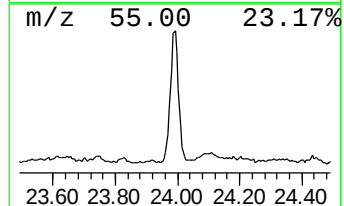
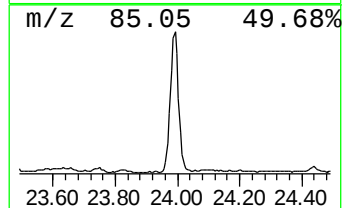
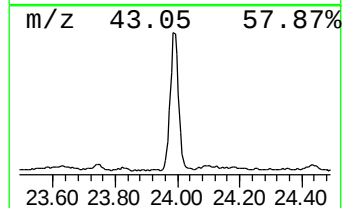
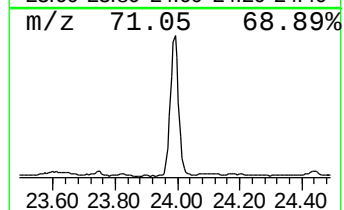
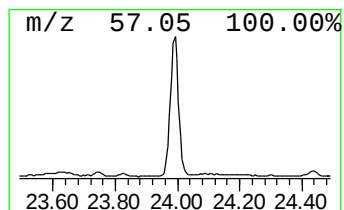
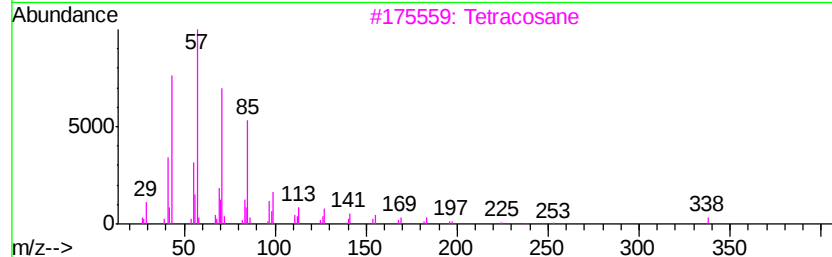
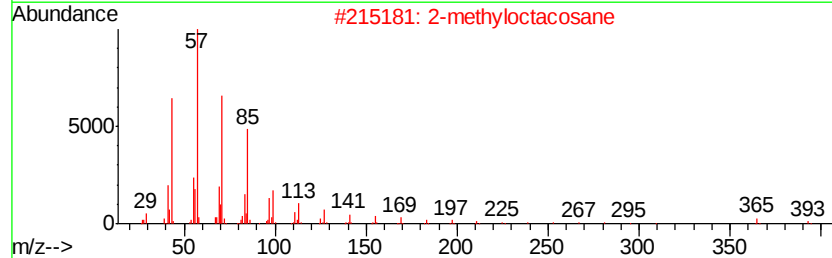
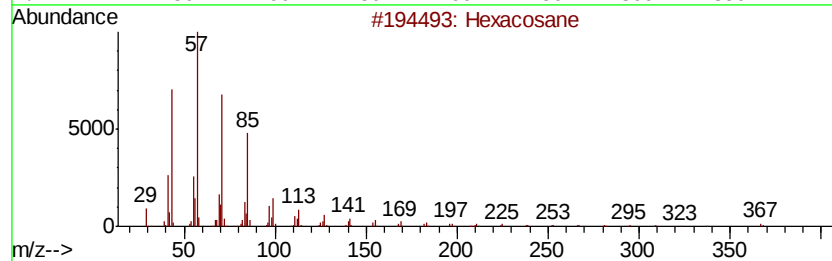
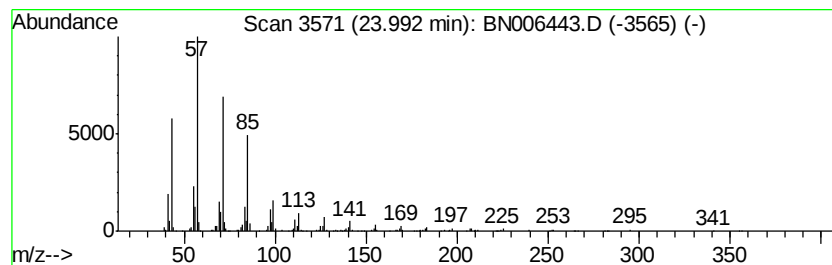
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	3.72 ng/ul	844999	Perylene-d12	23.48

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006443.D
Acq On : 21 Jun 2019 00:01
Operator : JU/SJ
Sample : K3360-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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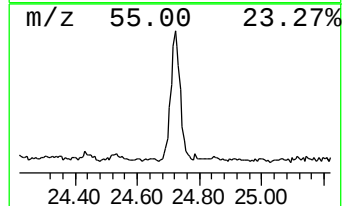
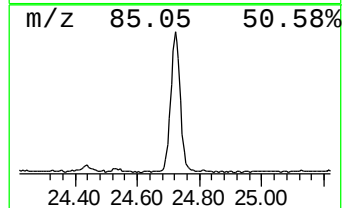
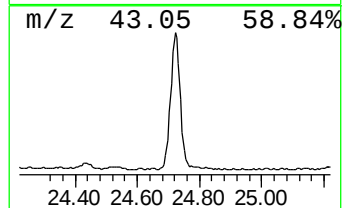
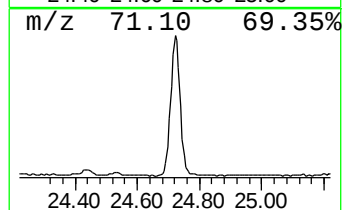
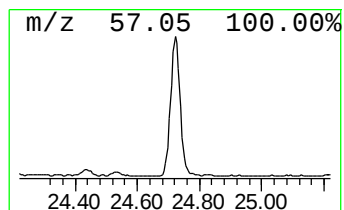
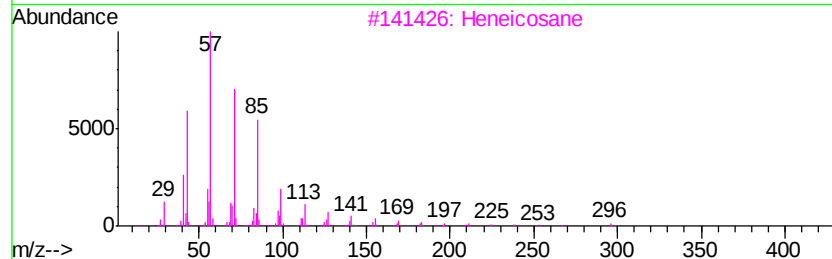
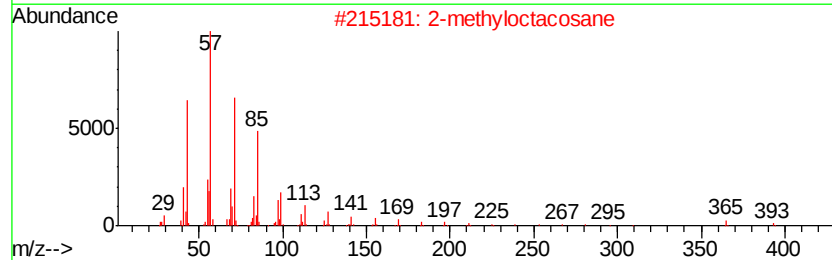
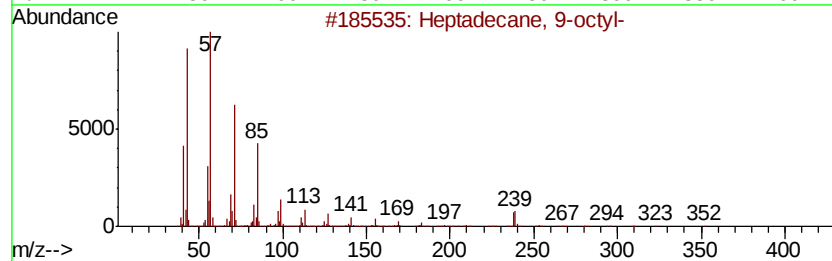
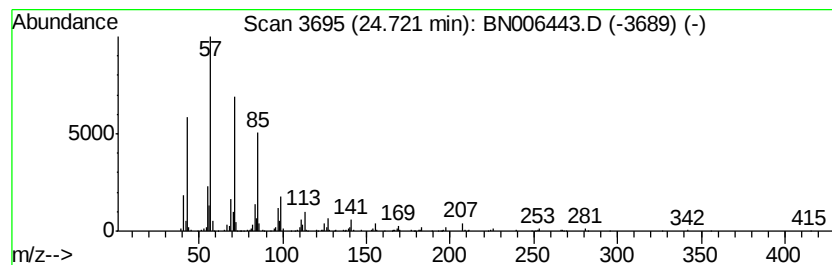
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.72	3.34 ng/ul	757810	Perylene-d12	23.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		triacontane	422	C30H62	000638-68-6	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006443.D
Acq On : 21 Jun 2019 00:01
Operator : JU/SJ
Sample : K3360-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

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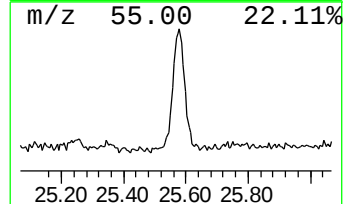
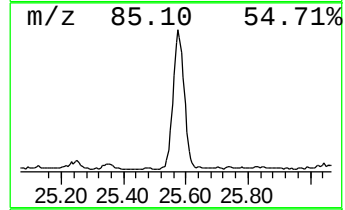
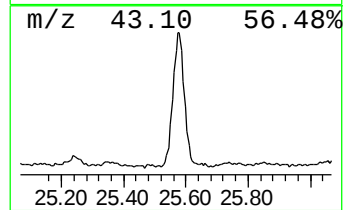
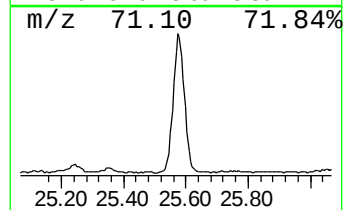
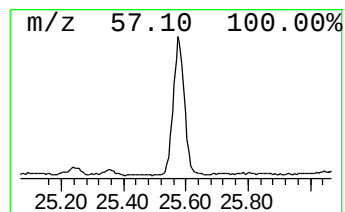
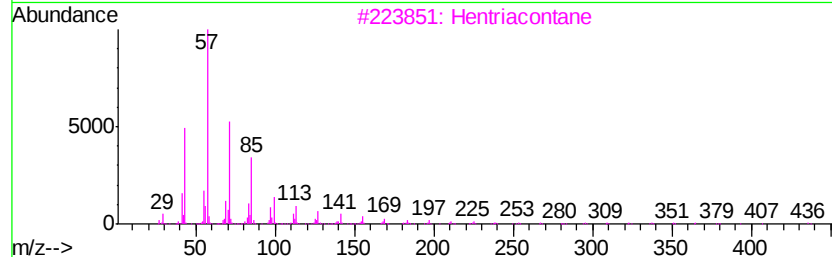
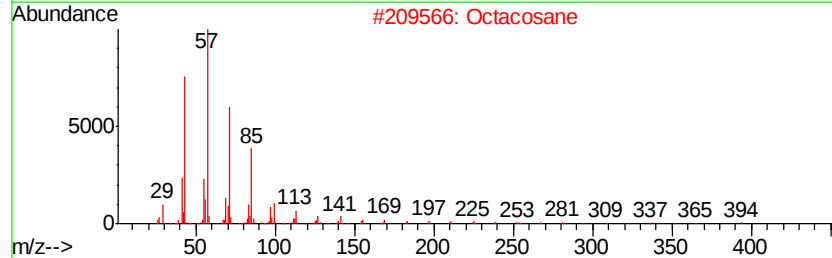
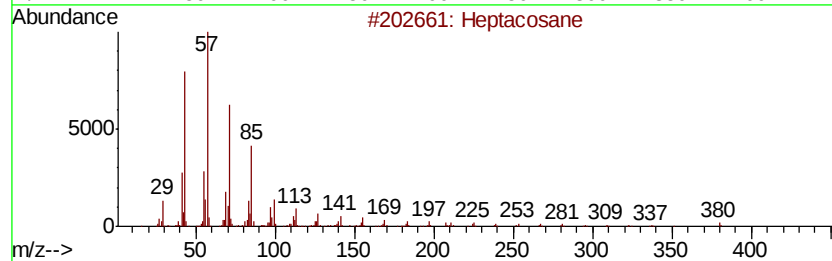
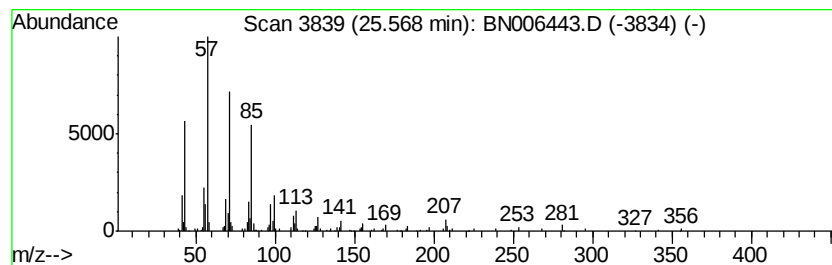
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.57	2.35 ng/ul	534152	Perylene-d12	23.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Octacosane	394	C28H58	000630-02-4	90
3		Hentriacontane	437	C31H64	000630-04-6	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		Tetratetracontane	619	C44H90	007098-22-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061919\
Data File : BN006443.D
Acq On : 21 Jun 2019 00:01
Operator : JU/SJ
Sample : K3360-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41Y5

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
Sulfurous acid, o...	20.97	3.6	ng/ul	794335	5	21.25	4375450	20.0
(DEL) Alkane: Str...	21.84	2.2	ng/ul	483411	5	21.25	4375450	20.0
(DEL) Alkane: Str...	22.30	3.3	ng/ul	724359	5	21.25	4375450	20.0
(DEL) Alkane: Str...	22.80	3.4	ng/ul	771831	6	23.48	4541620	20.0
(DEL) Alkane: Str...	23.99	3.7	ng/ul	844999	6	23.48	4541620	20.0
(DEL) Alkane: Str...	24.72	3.3	ng/ul	757810	6	23.48	4541620	20.0
(DEL) Alkane: Str...	25.57	2.4	ng/ul	534152	6	23.48	4541620	20.0