

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092419\
 Data File : BN007843.D
 Acq On : 24 Sep 2019 19:10
 Operator : JU
 Sample : K4985-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ETJS5

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-BN091619MA.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	3.252	42	45	57	rVB	124217	193035	1.63%	0.151%
2	3.875	147	151	156	rVB	57513	83017	0.70%	0.065%
3	3.964	163	166	174	rVB	46351	66124	0.56%	0.052%
4	4.852	314	317	319	rBV4	11424	13006	0.11%	0.010%
5	6.099	524	529	534	rVB4	17737	30704	0.26%	0.024%
6	6.405	574	581	587	rBV	65814	112137	0.95%	0.088%
7	6.863	653	659	672	rBV3	469397	954007	8.07%	0.745%
8	7.028	681	687	703	rBV	1092615	1895989	16.04%	1.481%
9	7.222	713	720	737	rVV	1383502	2239564	18.94%	1.749%
10	7.340	737	740	748	rVB6	15810	30205	0.26%	0.024%
11	7.687	792	799	808	rBV	2188924	3387031	28.65%	2.645%
12	7.763	808	812	815	rVV3	14898	25285	0.21%	0.020%
13	8.110	868	871	879	rBV2	15810	30263	0.26%	0.024%
14	8.387	911	918	926	rBV	1098507	1754192	14.84%	1.370%
15	8.828	986	993	1004	rBV	1486666	2464019	20.84%	1.924%
16	9.293	1064	1072	1078	rBV2	103765	171663	1.45%	0.134%
17	9.546	1108	1115	1123	rBV	1146568	1855751	15.70%	1.449%
18	9.822	1159	1162	1169	rVB5	7505	14127	0.12%	0.011%
19	9.957	1179	1185	1190	rBV6	20169	41912	0.35%	0.033%
20	10.081	1196	1206	1219	rBV	1980740	3248316	27.48%	2.536%
21	10.457	1260	1270	1278	rBV	2955983	4960147	41.95%	3.873%
22	10.593	1285	1293	1303	rBV	216235	393362	3.33%	0.307%
23	11.428	1427	1435	1437	rVB6	6411	12809	0.11%	0.010%
24	11.787	1491	1496	1501	rVB3	35151	53576	0.45%	0.042%
25	11.951	1521	1524	1530	rBV4	11969	19631	0.17%	0.015%
26	12.051	1535	1541	1545	rBV	33625	58523	0.50%	0.046%
27	12.669	1641	1646	1651	rVB6	8305	13770	0.12%	0.011%
28	12.934	1686	1691	1694	rVB6	9615	15609	0.13%	0.012%
29	13.228	1734	1741	1744	rBV7	13255	24026	0.20%	0.019%
30	13.728	1818	1826	1831	rBV	4088076	5472665	46.29%	4.273%
31	13.769	1831	1833	1841	rVB	345291	463365	3.92%	0.362%
32	14.004	1865	1873	1885	rBV	4349895	6306736	53.34%	4.925%
33	14.240	1909	1913	1918	rVB7	9085	15276	0.13%	0.012%
34	14.316	1918	1926	1933	rBV	4771240	6927736	58.60%	5.410%

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Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
 Title : SVOA CALIBRATION

35	14.510	1953	1959	1971	rBV	313143	551305	4.66%	0.430%
36	14.675	1986	1987	1993	rVB6	9764	12397	0.10%	0.010%
37	14.745	1993	1999	2002	rBV8	17449	28111	0.24%	0.022%
38	15.063	2048	2053	2057	rBV3	21346	31513	0.27%	0.025%
39	15.139	2063	2066	2070	rVV3	11736	16367	0.14%	0.013%
40	15.187	2072	2074	2081	rVB8	11728	16047	0.14%	0.013%
41	15.310	2086	2095	2109	rBV	5875044	8186282	69.24%	6.392%
42	15.428	2109	2115	2126	rBV	1312078	1887520	15.97%	1.474%
43	15.551	2131	2136	2142	rVB2	72256	115052	0.97%	0.090%
44	15.875	2186	2191	2193	rBV4	10828	18457	0.16%	0.014%
45	15.951	2201	2204	2207	rBV5	10785	15207	0.13%	0.012%
46	16.051	2219	2221	2224	rBV4	10893	14189	0.12%	0.011%
47	16.092	2224	2228	2233	rVB8	25264	38134	0.32%	0.030%
48	16.569	2305	2309	2312	rBV5	13033	17094	0.14%	0.013%
49	16.739	2334	2338	2344	rVB8	13953	22962	0.19%	0.018%
50	16.839	2348	2355	2362	rVV5	49294	98858	0.84%	0.077%
51	16.939	2368	2372	2375	rVB5	19984	21377	0.18%	0.017%
52	17.057	2386	2392	2401	rBV2	5896741	8356599	70.68%	6.525%
53	17.157	2403	2409	2421	rVV	6807918	9292062	78.59%	7.256%
54	17.363	2441	2444	2446	rBV3	8472	11889	0.10%	0.009%
55	17.745	2505	2509	2514	rVB8	15453	25865	0.22%	0.020%
56	17.969	2543	2547	2554	rBV	347291	532858	4.51%	0.416%
57	18.281	2596	2600	2606	rBV6	32876	53299	0.45%	0.042%
58	18.916	2704	2708	2712	rVB4	42627	49039	0.41%	0.038%
59	19.086	2733	2737	2743	rBV	88441	166736	1.41%	0.130%
60	19.257	2762	2766	2773	rBV3	150392	220850	1.87%	0.172%
61	19.339	2777	2780	2786	rVB	79519	120942	1.02%	0.094%
62	19.457	2794	2800	2806	rBV	8710586	11822751	100.00%	9.232%
63	19.498	2806	2807	2810	rVV2	89943	70363	0.60%	0.055%
64	19.528	2810	2812	2816	rVB2	82942	90301	0.76%	0.071%
65	20.033	2895	2898	2901	rBV	129704	134269	1.14%	0.105%
66	20.533	2979	2983	2986	rBV	273290	264506	2.24%	0.207%
67	20.992	3056	3061	3068	rBV2	680976	1006130	8.51%	0.786%
68	21.257	3100	3106	3114	rBV	7746606	9900075	83.74%	7.731%
69	21.374	3123	3126	3132	rVB	166482	203148	1.72%	0.159%
70	21.433	3132	3136	3142	rBV	718737	757443	6.41%	0.591%
71	21.869	3206	3210	3214	rBV	840703	992916	8.40%	0.775%

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72	22.327	3284	3288	3298	rVB	1070008	1379512	11.67%	1.077%
73	22.451	3306	3309	3315	rVB	324845	405680	3.43%	0.317%
74	22.827	3368	3373	3391	rVB	1136466	1780951	15.06%	1.391%
75	23.333	3451	3459	3465	rBV	6221921	11483743	97.13%	8.967%
76	23.392	3465	3469	3475	rVV	1129539	1854600	15.69%	1.448%
77	23.468	3475	3482	3495	rVB	5473776	9974210	84.36%	7.788%
78	24.027	3572	3577	3586	rVB	799651	1478994	12.51%	1.155%
79	24.768	3697	3703	3716	rVB	517911	1195619	10.11%	0.934%

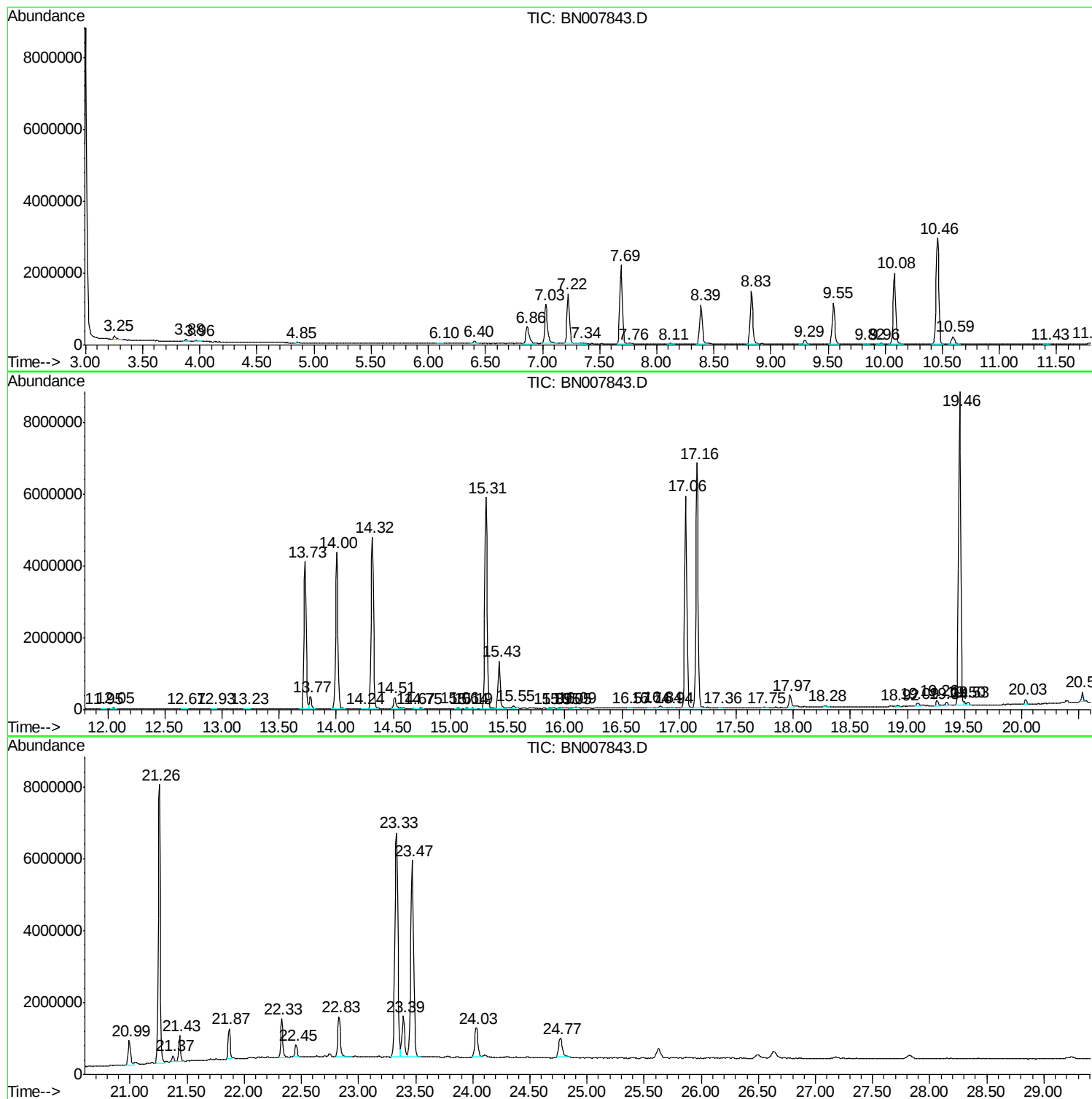
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

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



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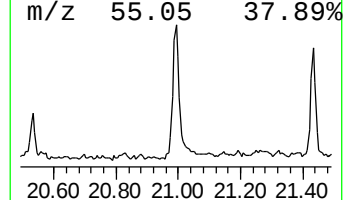
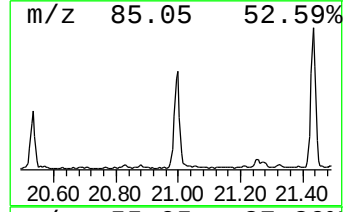
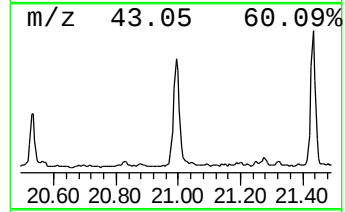
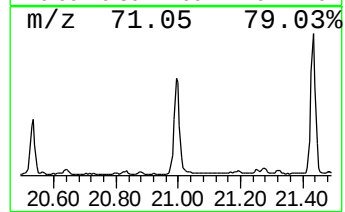
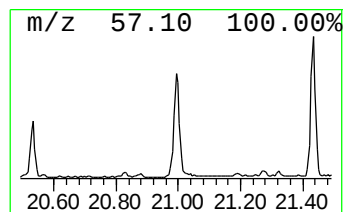
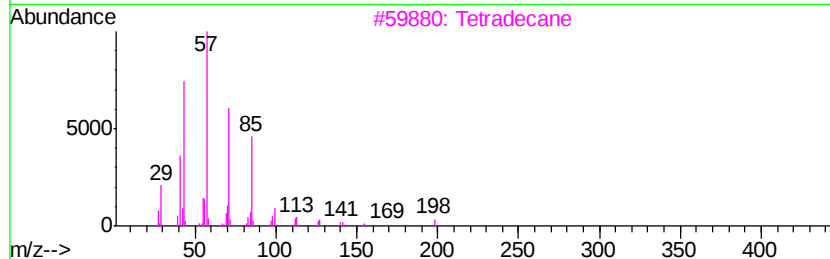
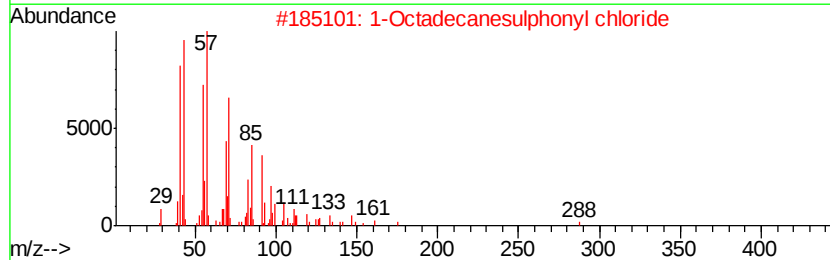
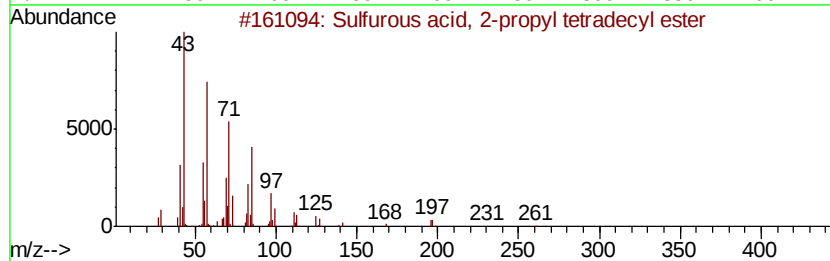
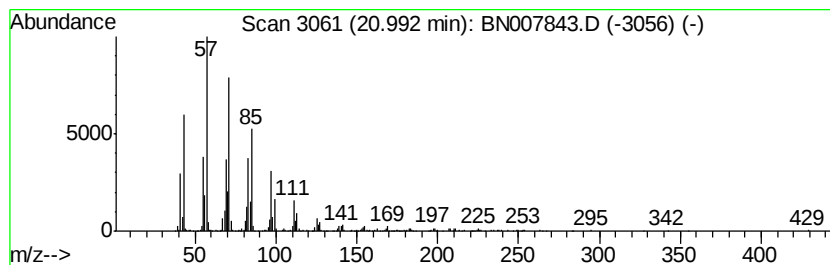
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Sulfurous acid, 2-propyl te... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.03 ng/ul	1006130	Chrysene-d12	21.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Sulfurous acid, 2-propyl tetradec...	320 C17H36O3S	1000309-12-5 90
2		1-Octadecanesulphonyl chloride	352 C18H37ClO2S	1000342-70-4 90
3		Tetradecane	198 C14H30	000629-59-4 89
4		Tetradecane	198 C14H30	000629-59-4 89
5		1-Heptadecene	238 C17H34	006765-39-5 86



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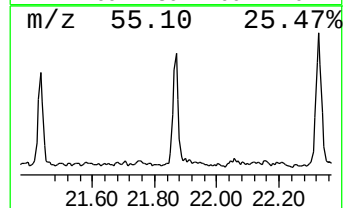
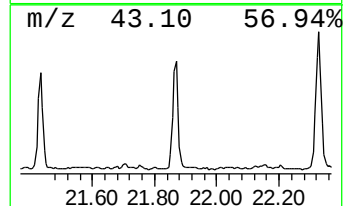
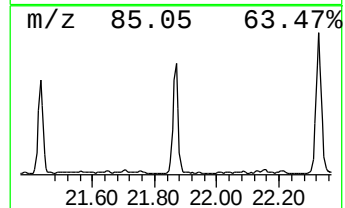
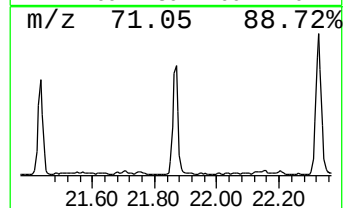
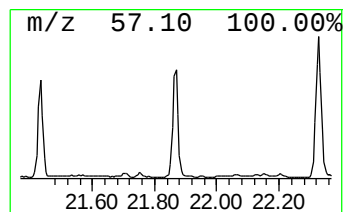
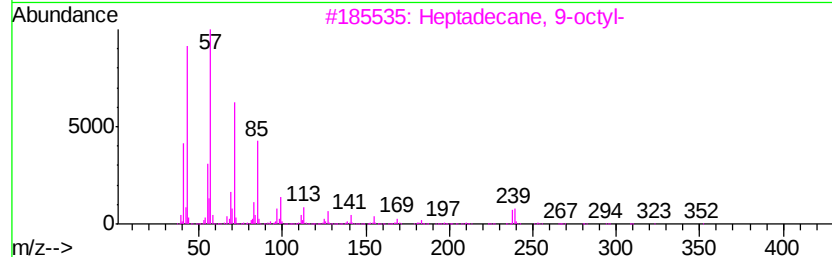
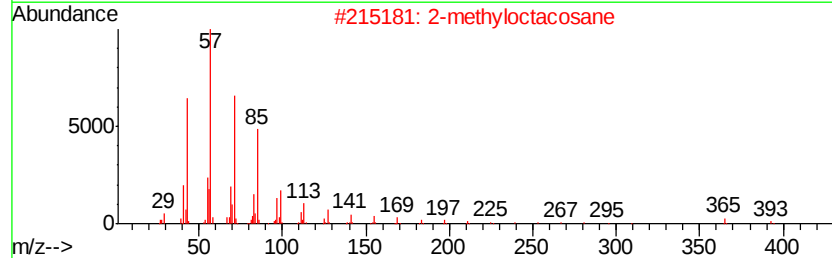
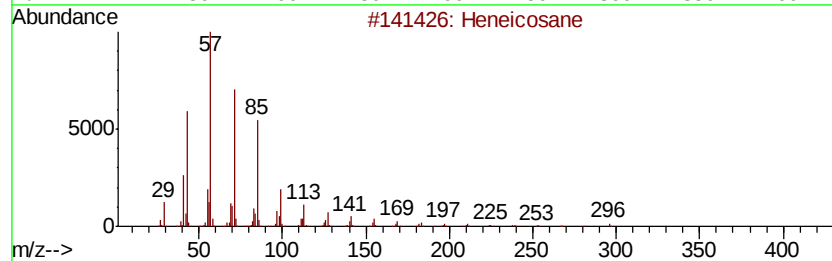
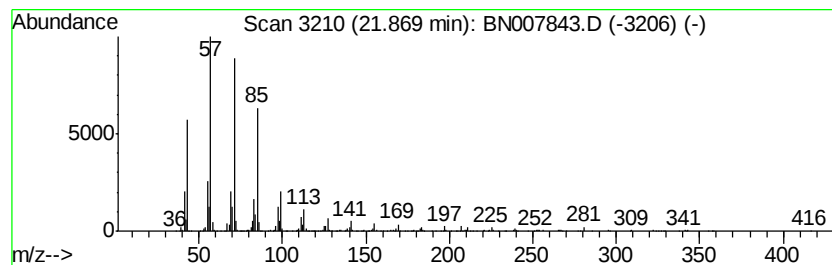
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

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.
21.87	2.01 ng/ul	992916	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Octacosane	394	C28H58	000630-02-4	87
5		Heptadecane	240	C17H36	000629-78-7	86



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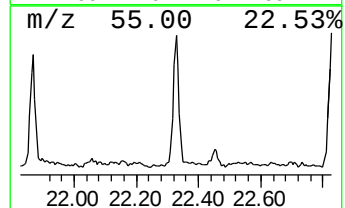
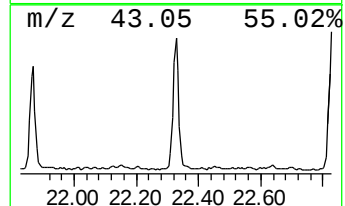
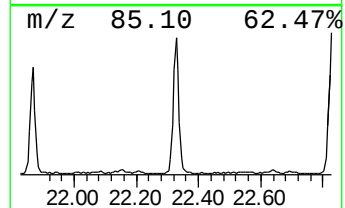
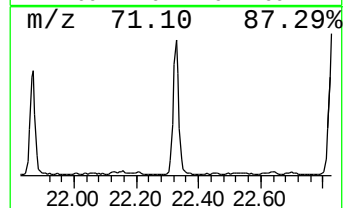
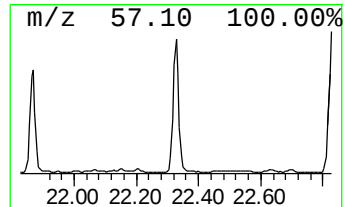
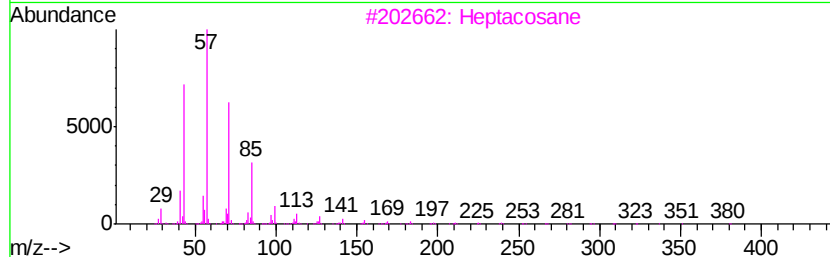
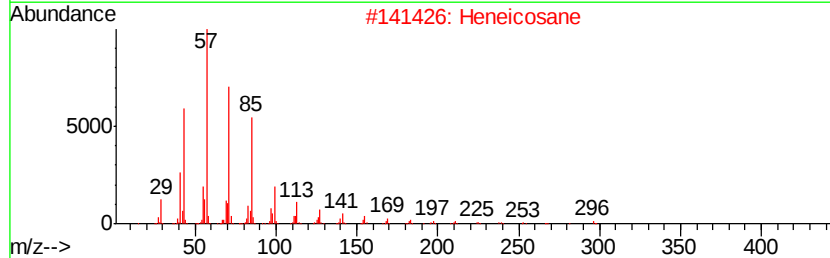
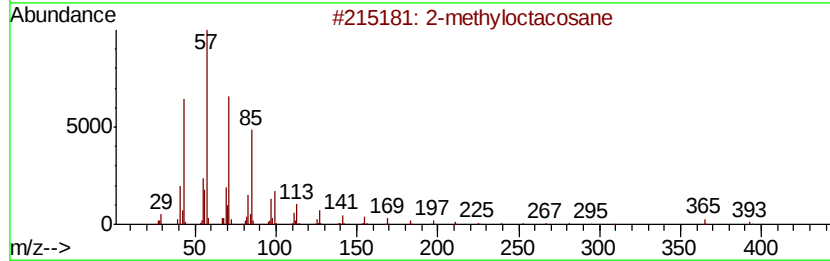
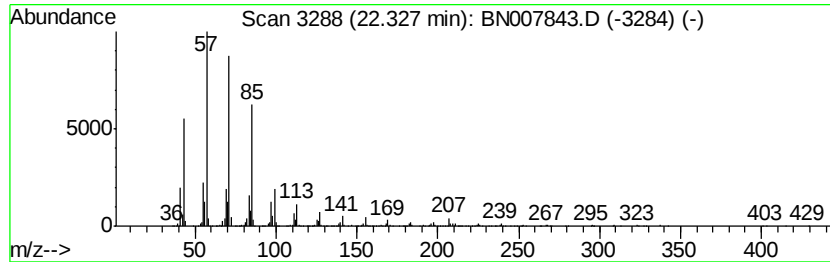
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	2.79 ng/ul	1379510	Chrysene-d12	21.26

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		Heptacosane	380	C27H56	000593-49-7	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	87



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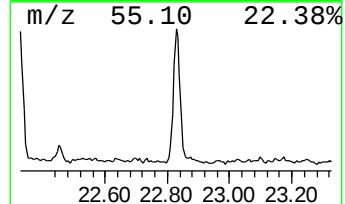
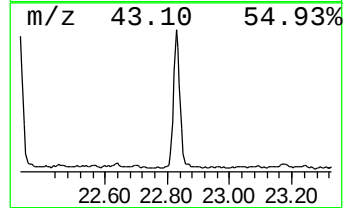
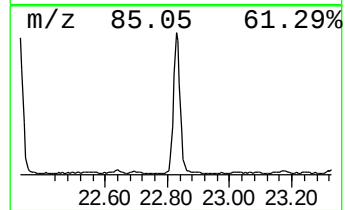
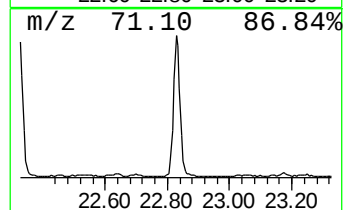
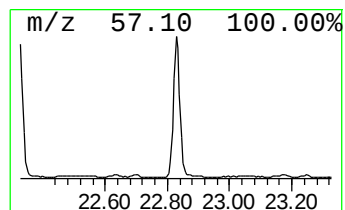
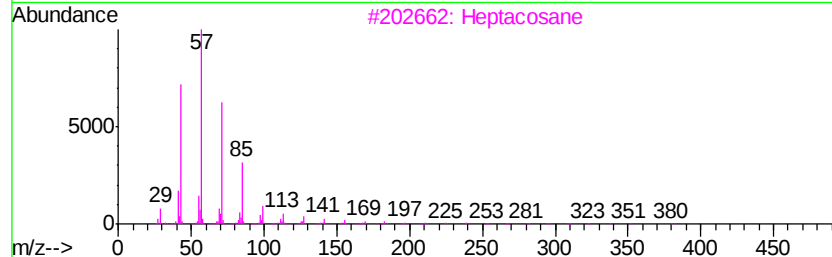
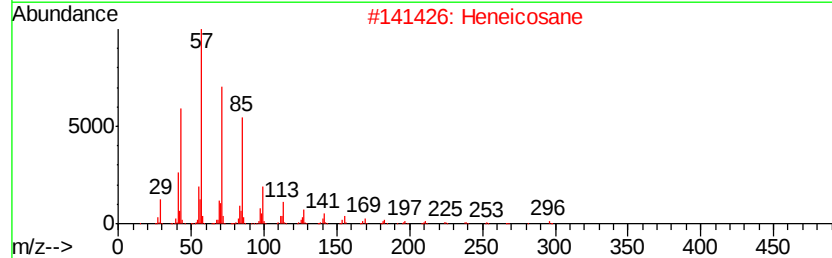
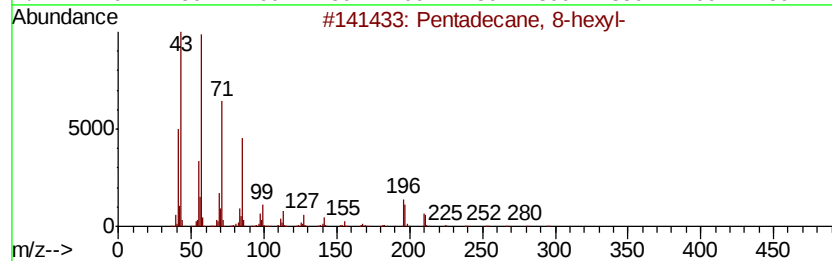
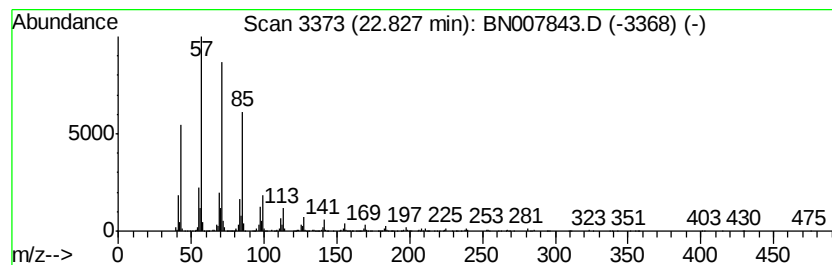
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	3.57 ng/ul	1780950	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092419\
Data File : BN007843.D
Acq On : 24 Sep 2019 19:10
Operator : JU
Sample : K4985-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ETJS5

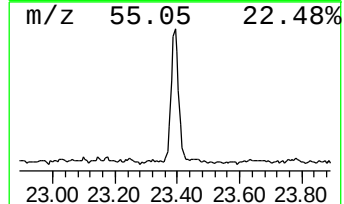
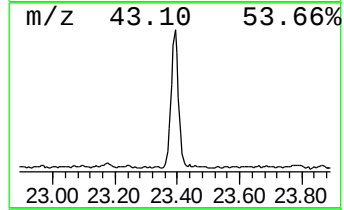
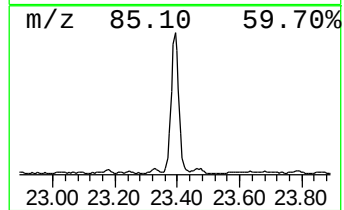
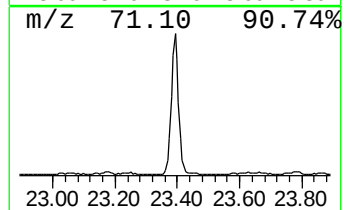
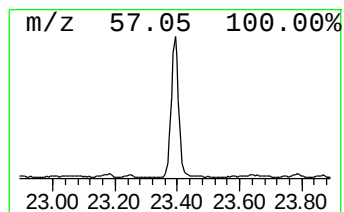
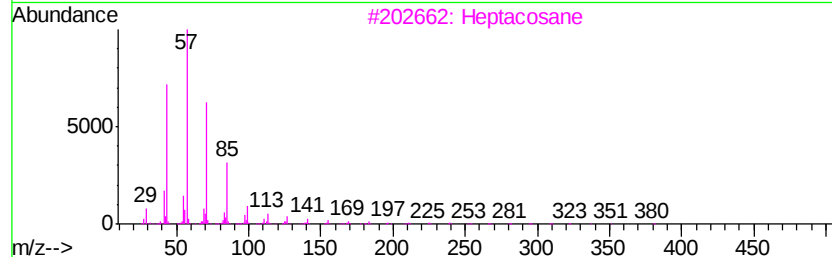
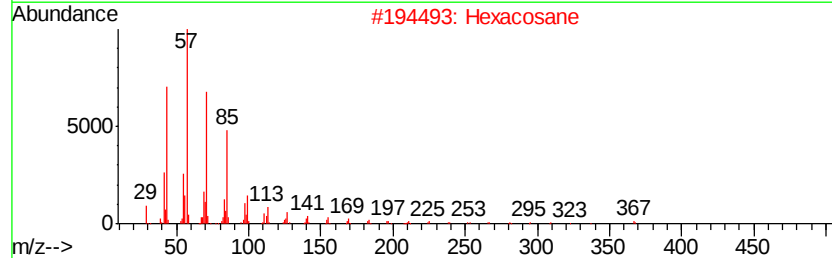
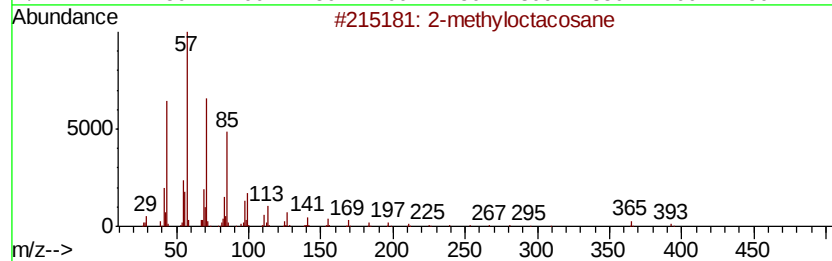
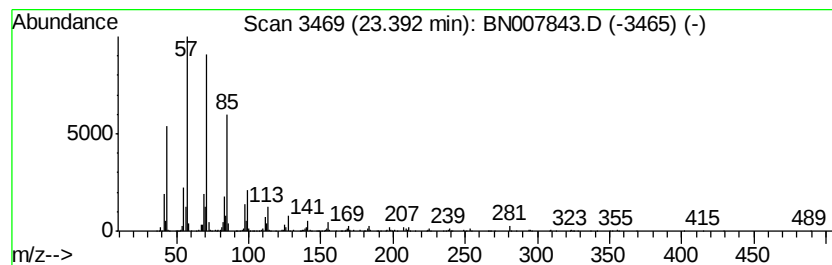
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Quant Title : SVOA CALIBRATION

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.
23.39	3.72 ng/ul	1854600	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092419\
Data File : BN007843.D
Acq On : 24 Sep 2019 19:10
Operator : JU
Sample : K4985-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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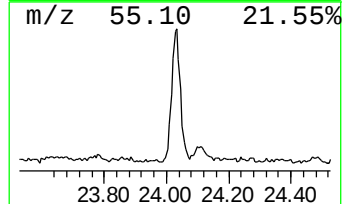
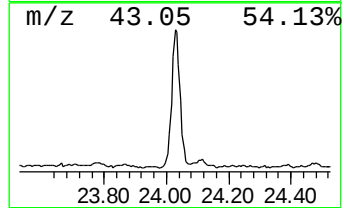
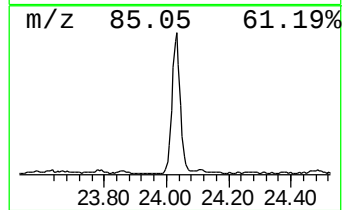
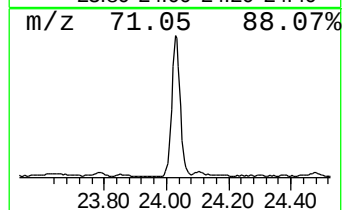
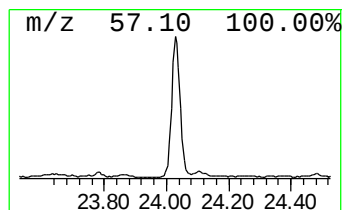
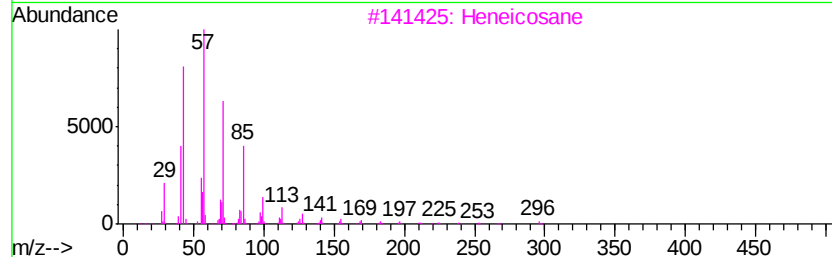
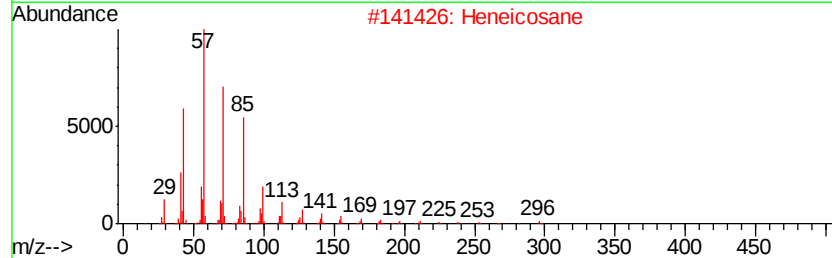
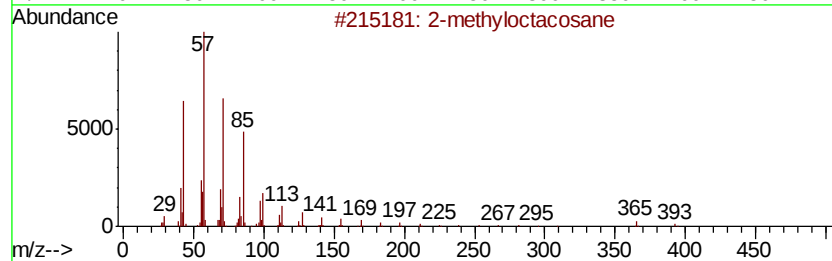
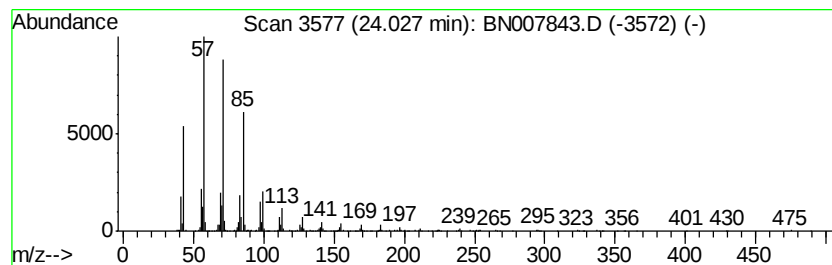
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	2.97 ng/ul	1478990	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		Heneicosane	296	C21H44	000629-94-7	91
4		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	90
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092419\
Data File : BN007843.D
Acq On : 24 Sep 2019 19:10
Operator : JU
Sample : K4985-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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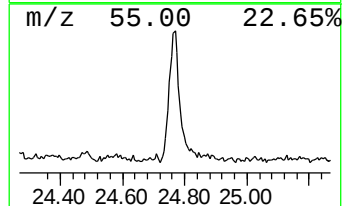
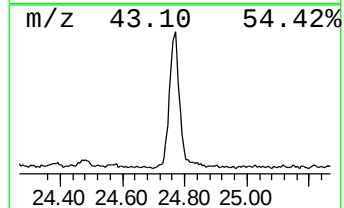
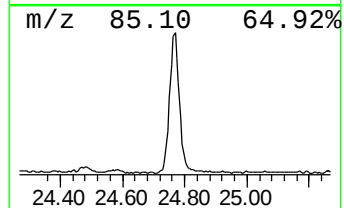
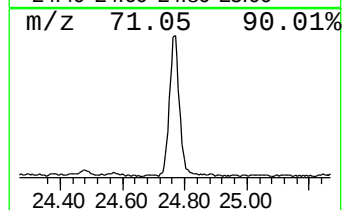
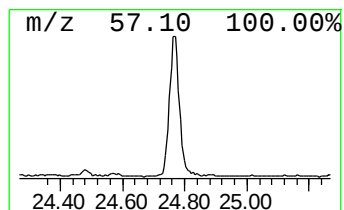
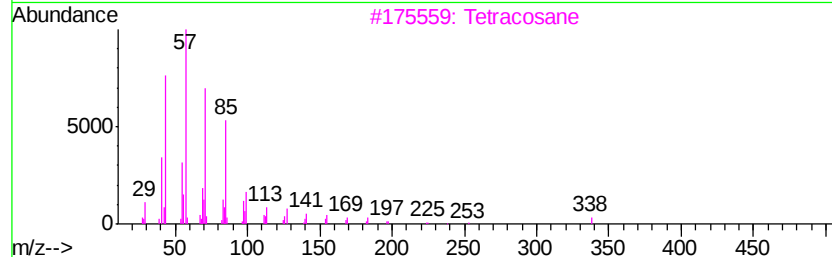
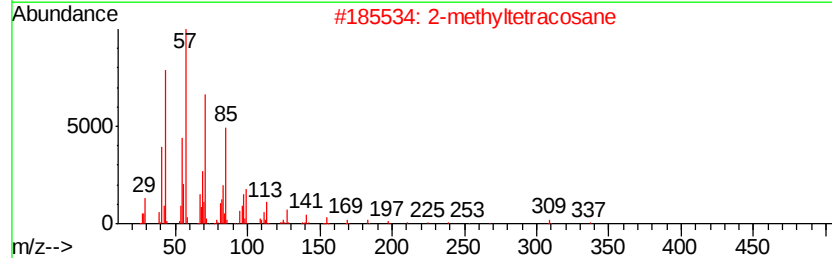
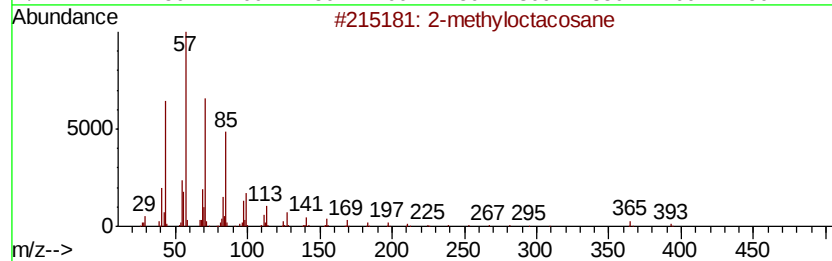
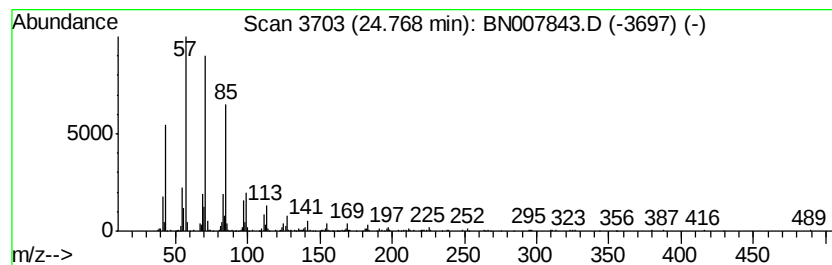
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.77	2.40 ng/ul	1195620	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		2-methyltetracosane	352	C25H52	1000376-72-6	90
3		Tetracosane	338	C24H50	000646-31-1	86
4		Heneicosane	296	C21H44	000629-94-7	83
5		Hentriacontane	437	C31H64	000630-04-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092419\
Data File : BN007843.D
Acq On : 24 Sep 2019 19:10
Operator : JU
Sample : K4985-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ETJS5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.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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(DEL) Alkane: Str...	21.87	2.0	ng/ul	992916	5	21.26	9900080	20.0
(DEL) Alkane: Str...	22.33	2.8	ng/ul	1379510	5	21.26	9900080	20.0
(DEL) Alkane: Str...	22.83	3.6	ng/ul	1780950	6	23.47	9974210	20.0
(DEL) Alkane: Str...	23.39	3.7	ng/ul	1854600	6	23.47	9974210	20.0
(DEL) Alkane: Str...	24.03	3.0	ng/ul	1478990	6	23.47	9974210	20.0
(DEL) Alkane: Str...	24.77	2.4	ng/ul	1195620	6	23.47	9974210	20.0