

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
 Data File : BN006411.D
 Acq On : 19 Jun 2019 23:49
 Operator : JU/SJ
 Sample : K3335-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4237

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	23	26	35	rVB	41427	59532	0.92%	0.092%
2	3.652	109	113	120	rBV2	33295	50133	0.78%	0.078%
3	3.722	123	125	128	rVV3	6607	7140	0.11%	0.011%
4	3.770	129	133	138	rVB4	10812	18113	0.28%	0.028%
5	3.864	145	149	155	rVB2	12225	22627	0.35%	0.035%
6	4.087	183	187	192	rVB3	6324	9245	0.14%	0.014%
7	4.405	239	241	247	rVB5	4718	7274	0.11%	0.011%
8	4.487	252	255	261	rVB7	4452	7513	0.12%	0.012%
9	4.758	297	301	312	rVB	20378	38835	0.60%	0.060%
10	4.864	315	319	326	rVB5	3344	6878	0.11%	0.011%
11	6.805	643	649	670	rVB	626781	1060756	16.42%	1.642%
12	6.963	670	676	689	rBV	610546	940654	14.56%	1.456%
13	7.158	703	709	721	rBV	663775	1093329	16.92%	1.693%
14	7.622	782	788	798	rBV	869481	1468903	22.73%	2.274%
15	8.334	903	909	926	rBV	472840	856260	13.25%	1.326%
16	8.458	927	930	935	rVB3	6453	9258	0.14%	0.014%
17	8.781	978	985	1007	rBV	678097	1165835	18.04%	1.805%
18	8.957	1010	1015	1018	rVB5	5873	9914	0.15%	0.015%
19	9.193	1047	1055	1061	rVB2	15548	22675	0.35%	0.035%
20	9.499	1101	1107	1127	rBV	508838	886506	13.72%	1.372%
21	10.040	1192	1199	1216	rBV	712927	1312041	20.30%	2.031%
22	10.404	1254	1261	1275	rBV	1360990	2279272	35.27%	3.529%
23	10.552	1279	1286	1305	rBV	438898	888035	13.74%	1.375%
24	12.010	1530	1534	1541	rBV3	6620	13282	0.21%	0.021%
25	13.693	1814	1820	1824	rBV	1824452	2461667	38.09%	3.811%
26	13.740	1824	1828	1838	rVB	680547	917248	14.19%	1.420%
27	13.969	1858	1867	1882	rBV	1971907	2889483	44.72%	4.473%
28	14.187	1900	1904	1911	rVB5	7232	12131	0.19%	0.019%
29	14.281	1913	1920	1934	rBV2	2091571	3114729	48.20%	4.822%
30	14.510	1953	1959	1976	rBV2	199207	455985	7.06%	0.706%
31	14.875	2016	2021	2024	rVB5	4854	7623	0.12%	0.012%
32	15.087	2053	2057	2062	rBV	17202	24722	0.38%	0.038%
33	15.140	2062	2066	2070	rVV2	9937	12226	0.19%	0.019%
34	15.281	2083	2090	2108	rBV	2655127	3742376	57.91%	5.794%

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35	15.422	2108	2114	2123	rVV	294430	474723	7.35%	0.735%
36	15.522	2127	2131	2139	rVB3	33738	55473	0.86%	0.086%
37	16.010	2209	2214	2216	rBV2	10027	12470	0.19%	0.019%
38	16.581	2306	2311	2318	rBV2	53968	73525	1.14%	0.114%
39	16.804	2342	2349	2350	rBV4	8559	10866	0.17%	0.017%
40	16.828	2350	2353	2361	rVB5	8727	18211	0.28%	0.028%
41	17.034	2382	2388	2394	rBV2	2605025	3791174	58.67%	5.869%
42	17.075	2394	2395	2399	rVV	72710	76172	1.18%	0.118%
43	17.134	2399	2405	2418	rVB2	2562044	3704164	57.32%	5.735%
44	17.328	2435	2438	2445	rVB3	7458	12916	0.20%	0.020%
45	17.539	2470	2474	2480	rBV6	7300	14042	0.22%	0.022%
46	17.716	2500	2504	2507	rVB4	4709	6968	0.11%	0.011%
47	17.939	2535	2542	2546	rBV4	34115	72443	1.12%	0.112%
48	18.010	2551	2554	2558	rVB	22554	26151	0.40%	0.040%
49	18.110	2567	2571	2574	rVV3	17401	27189	0.42%	0.042%
50	18.145	2575	2577	2582	rVB2	10424	13643	0.21%	0.021%
51	18.233	2588	2592	2597	rVB3	13522	15746	0.24%	0.024%
52	18.845	2693	2696	2698	rBV	11141	11795	0.18%	0.018%
53	18.875	2698	2701	2710	rVB3	28944	42331	0.66%	0.066%
54	19.004	2717	2723	2725	rVB6	6689	10440	0.16%	0.016%
55	19.075	2731	2735	2737	rBV	28415	38533	0.60%	0.060%
56	19.104	2737	2740	2747	rVB	115970	165849	2.57%	0.257%
57	19.333	2775	2779	2784	rBV	25816	35877	0.56%	0.056%
58	19.445	2792	2798	2812	rBV	3663863	5149285	79.69%	7.972%
59	19.551	2813	2816	2820	rVB5	10321	15149	0.23%	0.023%
60	19.686	2835	2839	2849	rVB	117872	138466	2.14%	0.214%
61	19.998	2885	2892	2897	rVB2	141171	182643	2.83%	0.283%
62	20.275	2937	2939	2943	rBV2	13106	15687	0.24%	0.024%
63	20.363	2951	2954	2960	rVB5	22774	32434	0.50%	0.050%
64	20.498	2972	2977	2982	rBV	265170	289987	4.49%	0.449%
65	20.798	3026	3028	3033	rBV3	21848	21360	0.33%	0.033%
66	20.963	3052	3056	3067	rBV	494861	795738	12.31%	1.232%
67	21.169	3088	3091	3095	rVB	34476	34812	0.54%	0.054%
68	21.251	3099	3105	3110	rBV2	3522160	4568615	70.70%	7.073%
69	21.404	3127	3131	3136	rBV	538464	601933	9.31%	0.932%
70	21.839	3201	3205	3209	rBV	952898	1027779	15.91%	1.591%
71	22.298	3278	3283	3295	rBV	1095503	1408747	21.80%	2.181%

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72	22.798	3363	3368	3376	rBV	1167314	1773621	27.45%	2.746%
73	23.339	3453	3460	3475	rVB2	3025011	6461976	100.00%	10.004%
74	23.480	3477	3484	3499	rVB	2571948	4724466	73.11%	7.314%
75	23.992	3564	3571	3578	rBV	741739	1412851	21.86%	2.187%
76	24.727	3689	3696	3708	rVB	376168	873319	13.51%	1.352%
77	25.574	3834	3840	3852	rVB2	186424	480194	7.43%	0.743%

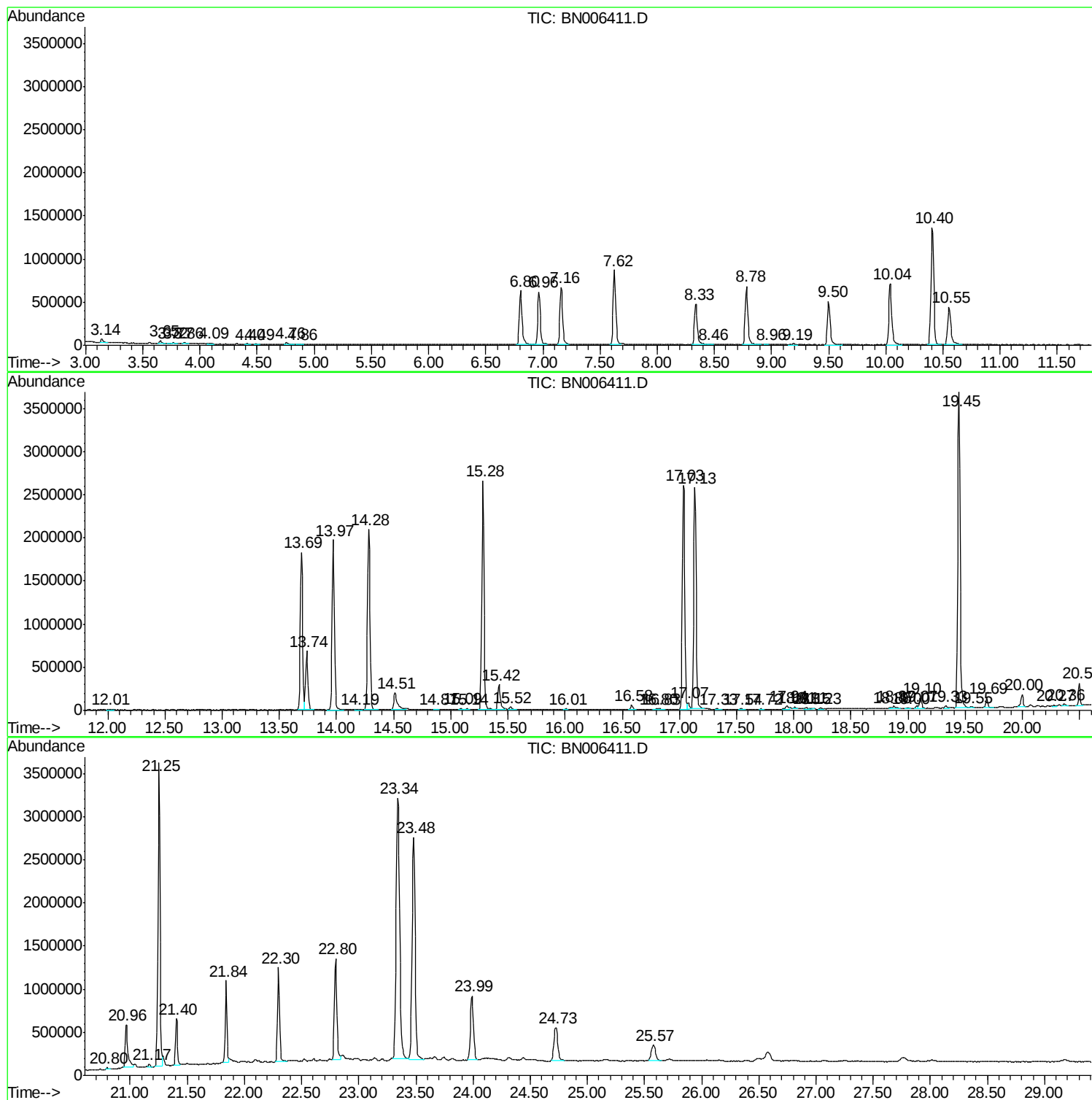
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
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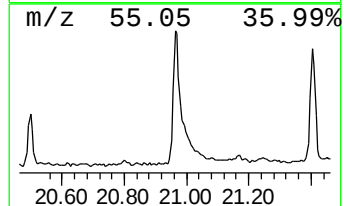
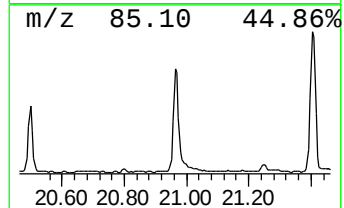
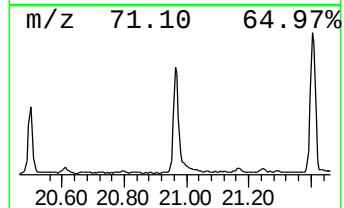
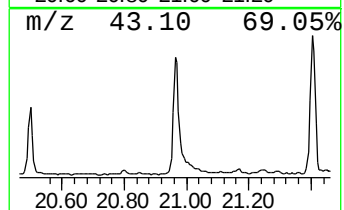
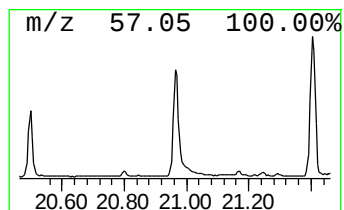
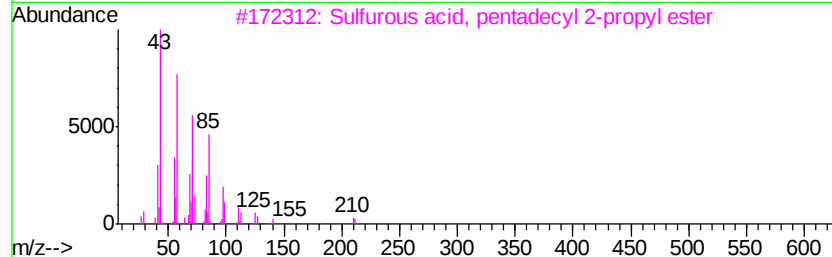
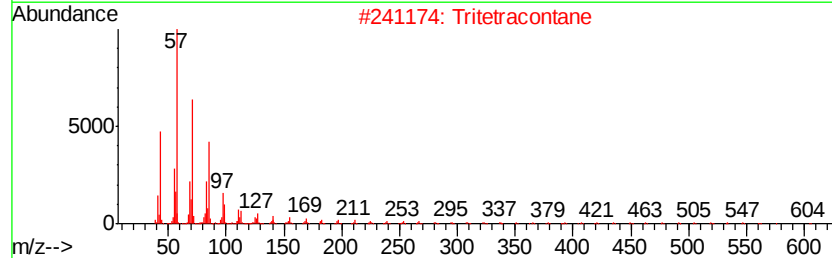
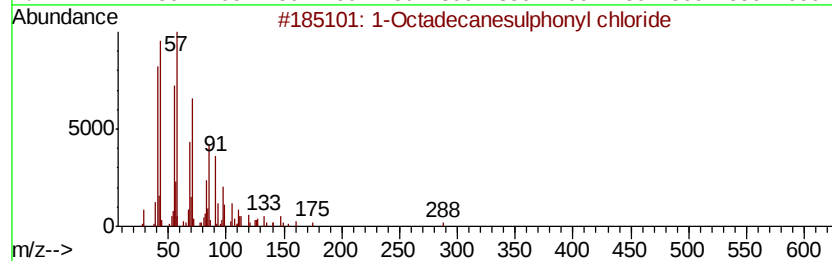
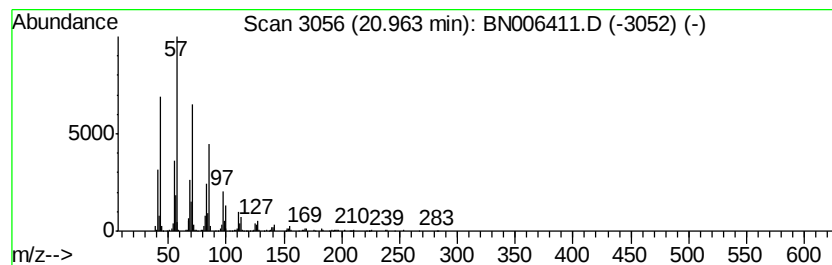
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1-Octadecanesulphonyl chloride Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	3.48 ng/ul	795738	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	91
2		Tritetracontane	605	C43H88	007098-21-7	91
3		Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	91
4		Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



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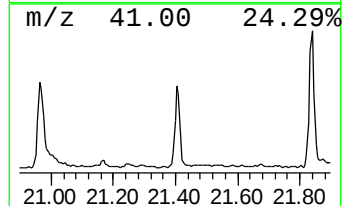
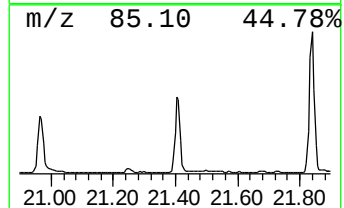
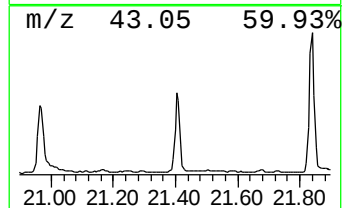
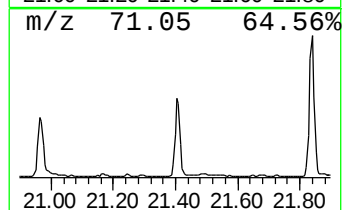
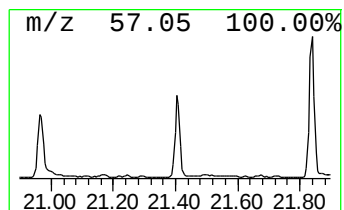
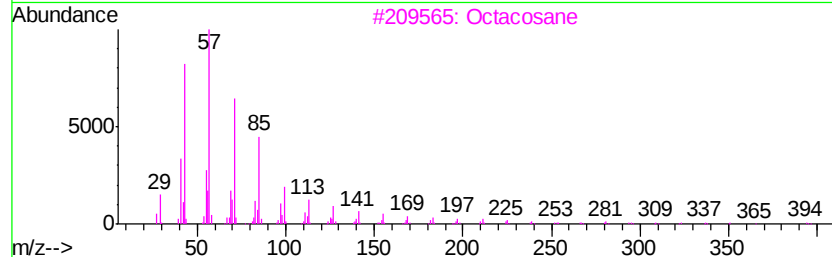
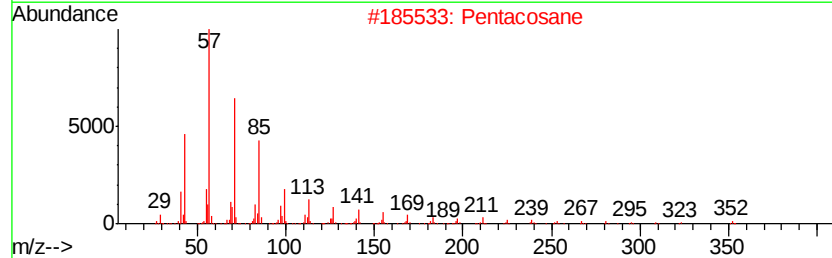
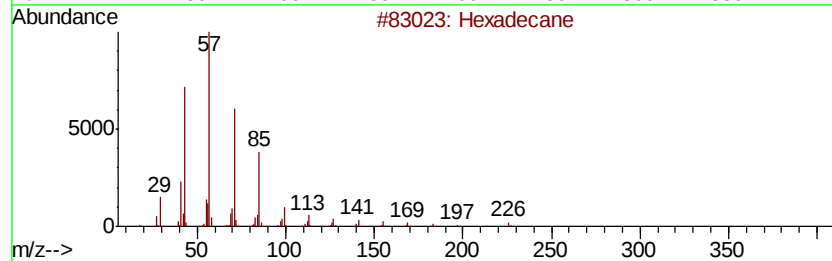
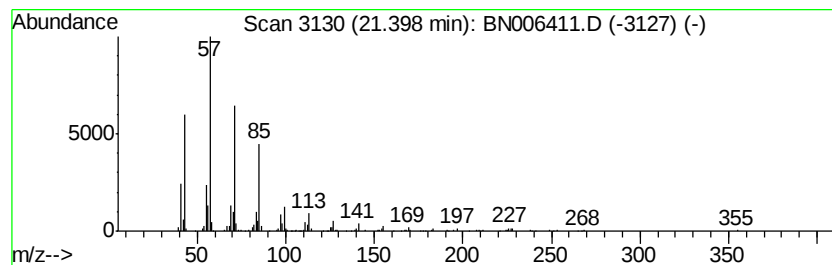
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	2.64 ng/ul	601933	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Pentacosane	352	C25H52	000629-99-2	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



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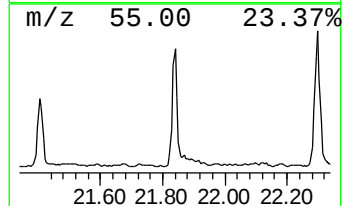
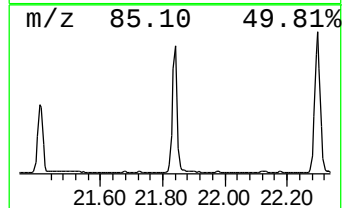
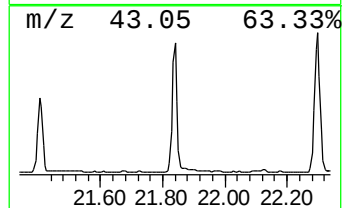
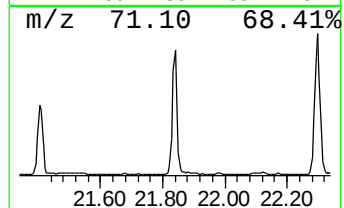
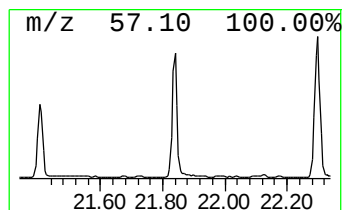
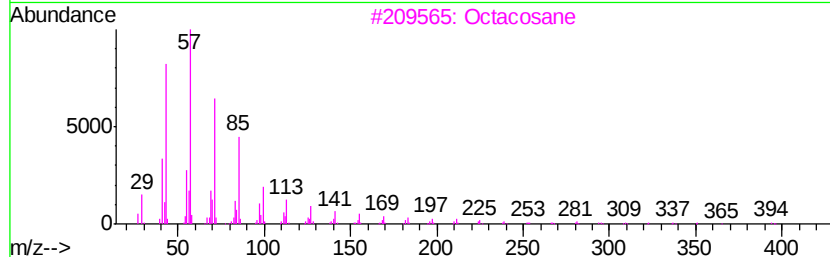
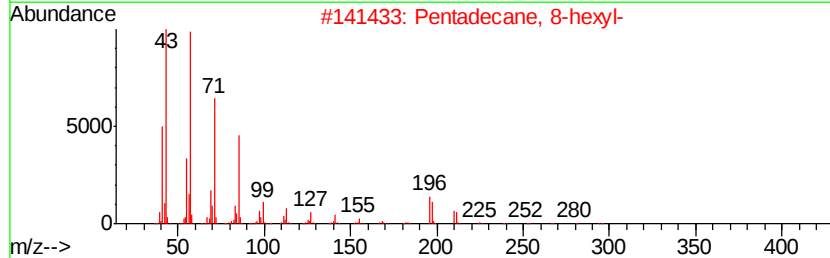
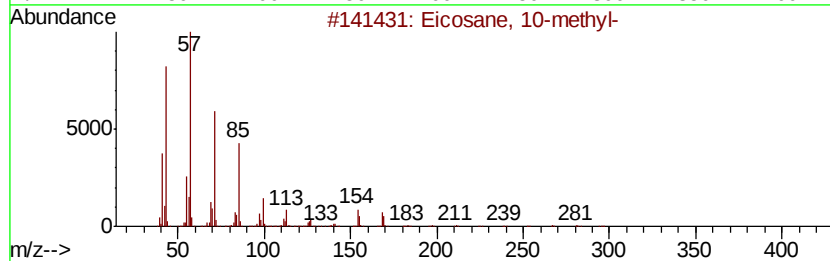
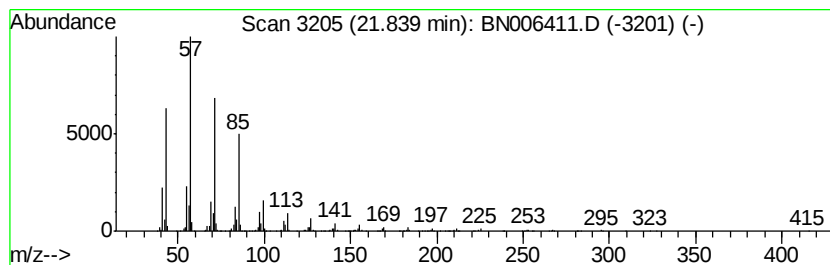
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	4.50 ng/ul	1027780	Chrysene-d12	21.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-		296	C21H44	054833-23-7	94
2	Pentadecane, 8-hexyl-		296	C21H44	013475-75-7	93
3	Octacosane		394	C28H58	000630-02-4	91
4	2-methyloctacosane		408	C29H60	1000376-72-8	91
5	Hexacosane		366	C26H54	000630-01-3	91



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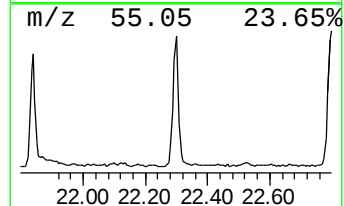
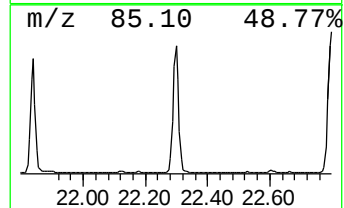
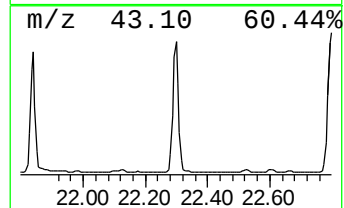
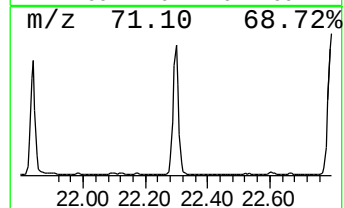
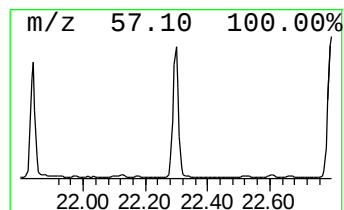
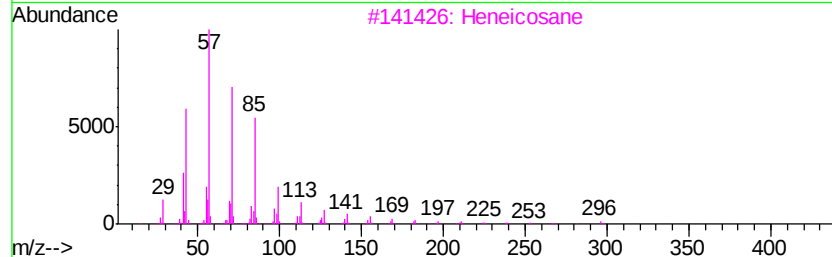
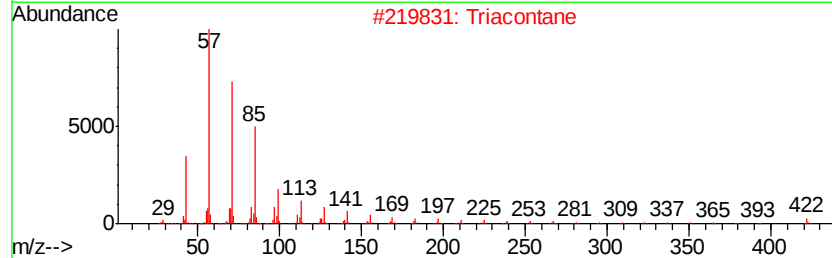
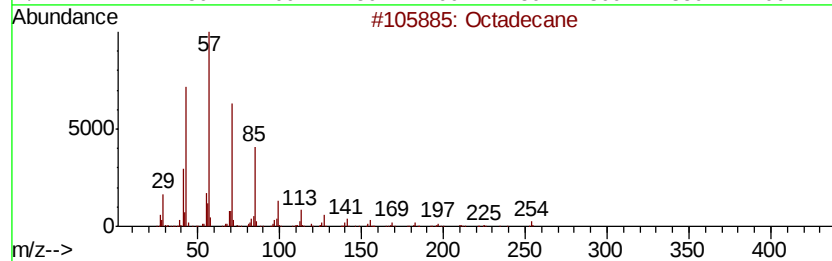
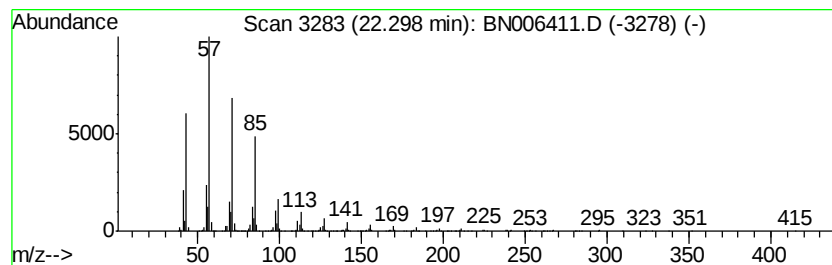
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	6.17 ng/ul	1408750	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	95
2		triacontane	422	C30H62	000638-68-6	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006411.D
Acq On : 19 Jun 2019 23:49
Operator : JU/SJ
Sample : K3335-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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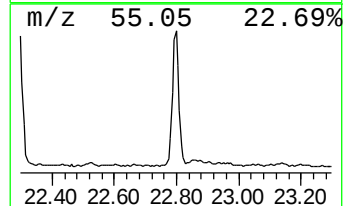
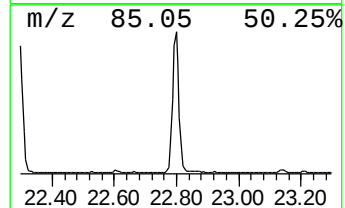
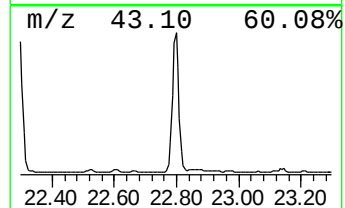
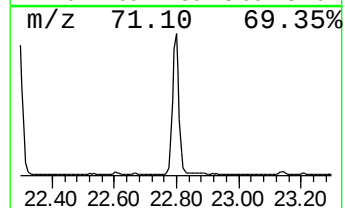
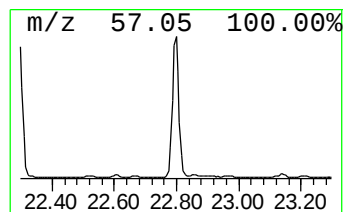
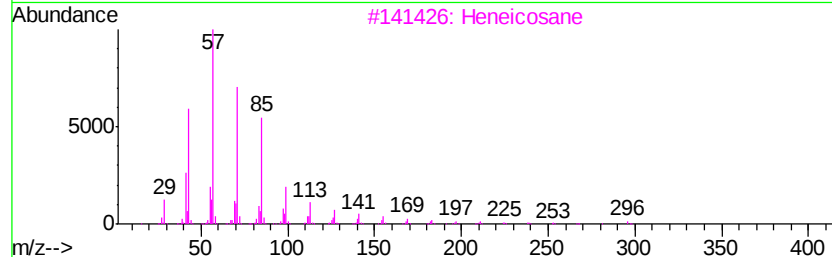
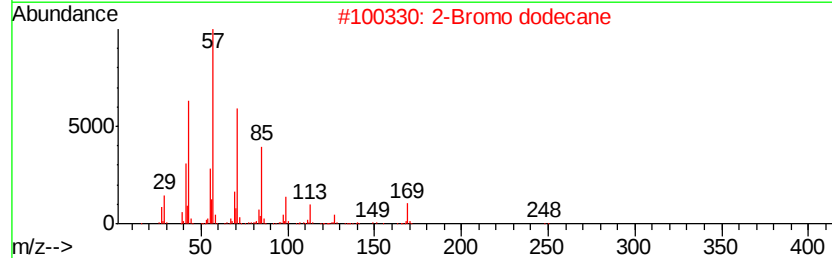
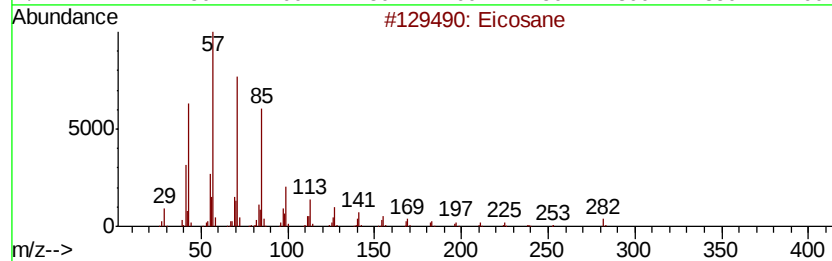
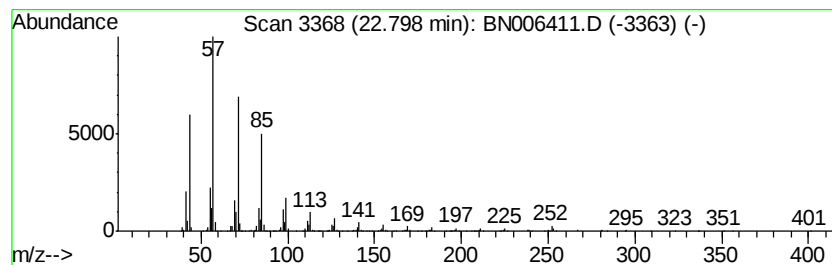
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	7.51 ng/ul	1773620	Perylene-d12	23.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006411.D
Acq On : 19 Jun 2019 23:49
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Sample : K3335-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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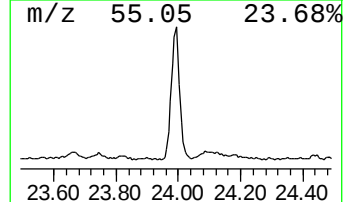
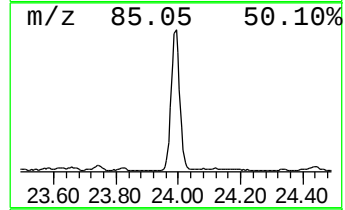
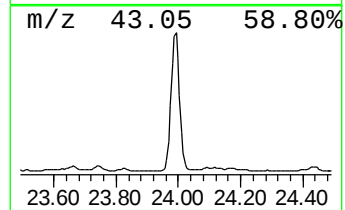
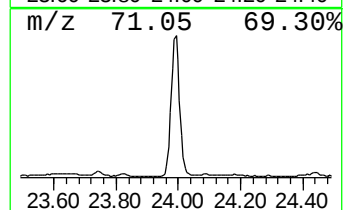
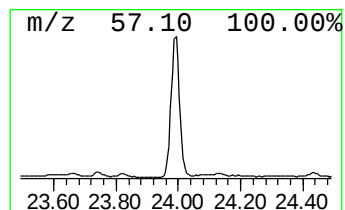
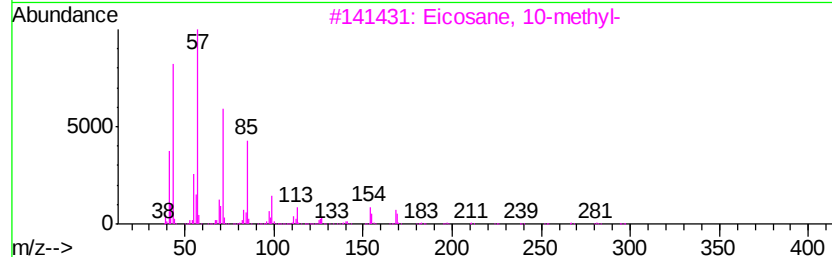
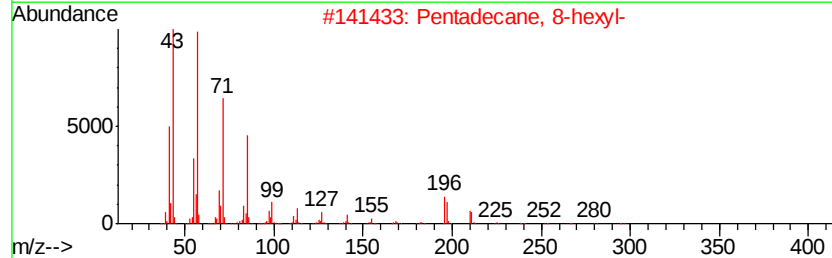
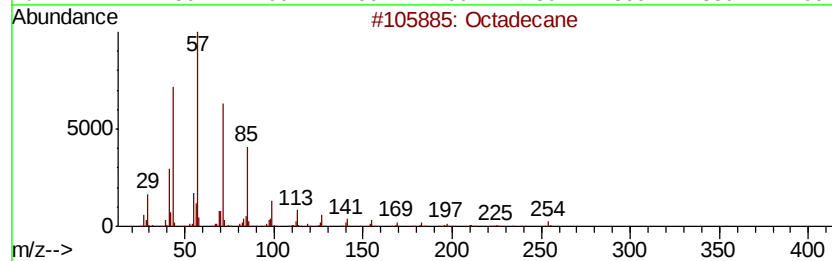
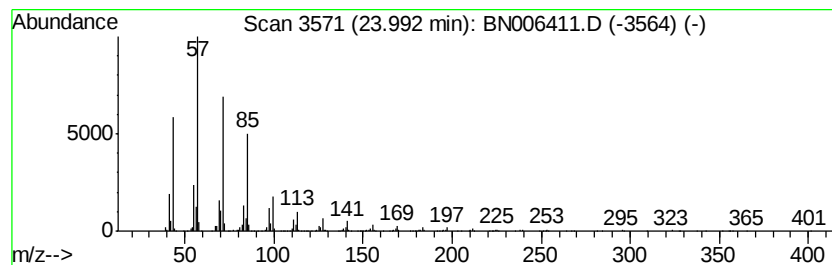
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Quant Title : SVOA CALIBRATION

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.
23.99	5.98 ng/ul	1412850	Perylene-d12	23.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	95
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4		Octacosane	394	C28H58	000630-02-4	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006411.D
Acq On : 19 Jun 2019 23:49
Operator : JU/SJ
Sample : K3335-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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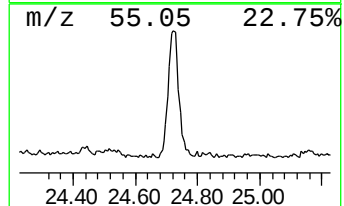
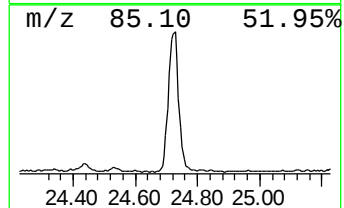
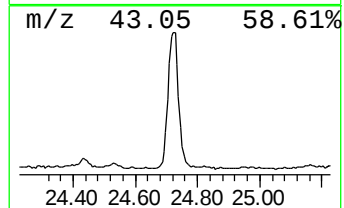
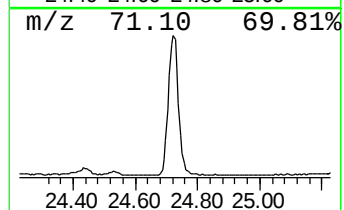
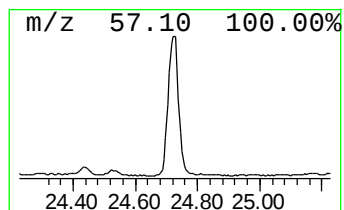
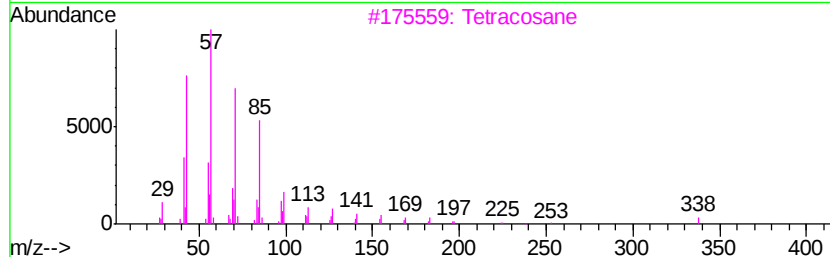
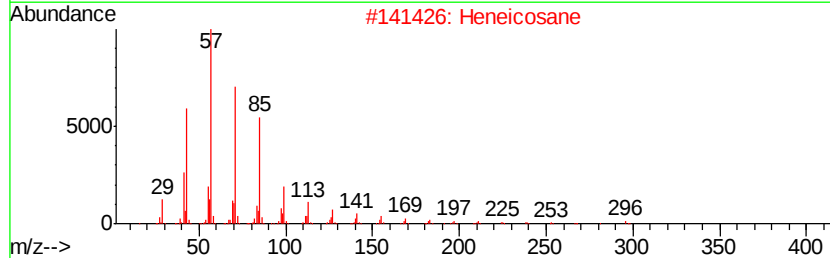
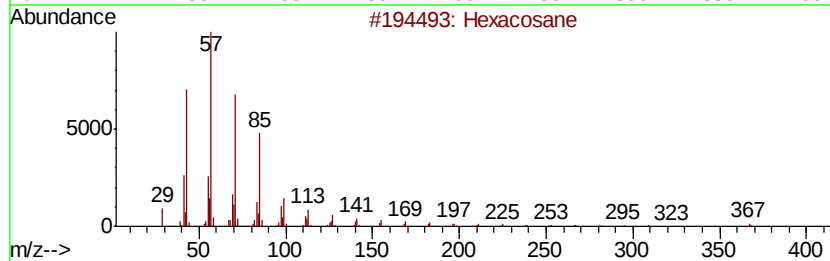
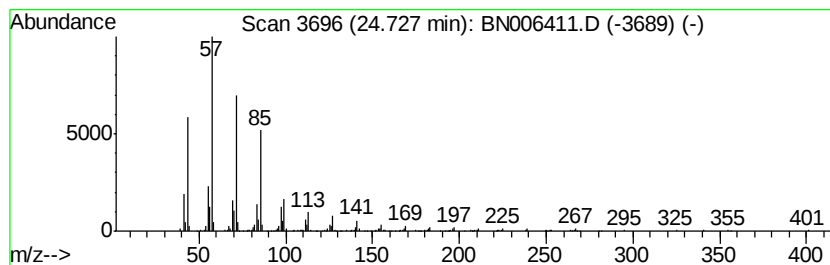
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Quant Title : SVOA CALIBRATION

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.
24.73	3.70 ng/ul	873319	Perylene-d12	23.48

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
 Data File : BN006411.D
 Acq On : 19 Jun 2019 23:49
 Operator : JU/SJ
 Sample : K3335-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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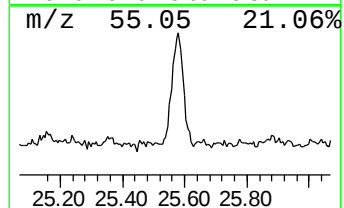
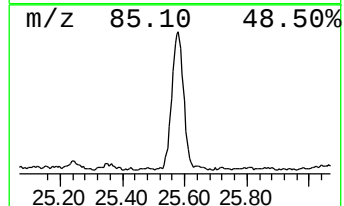
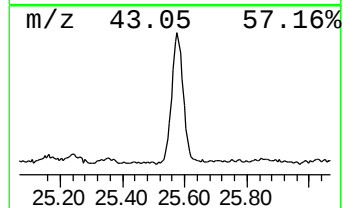
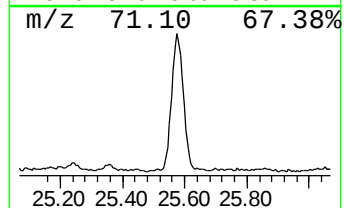
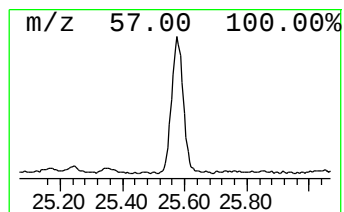
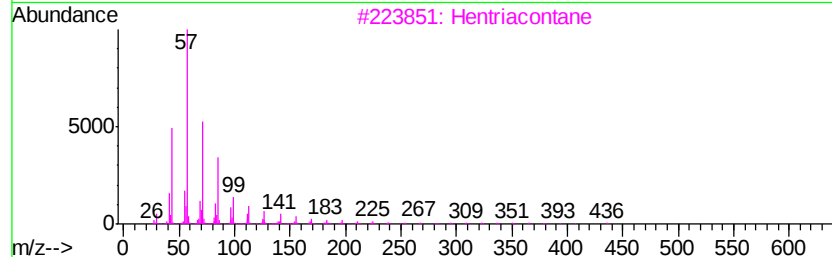
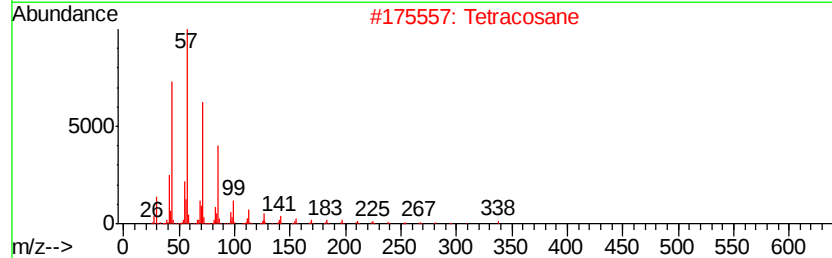
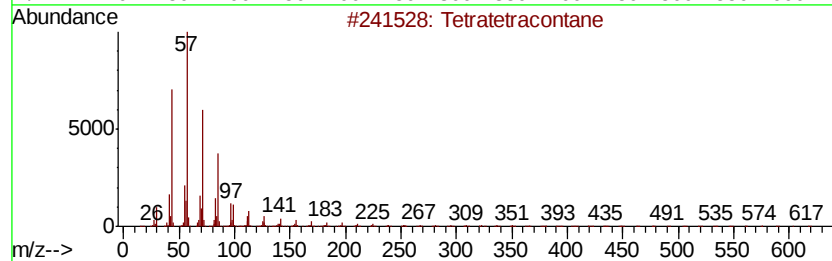
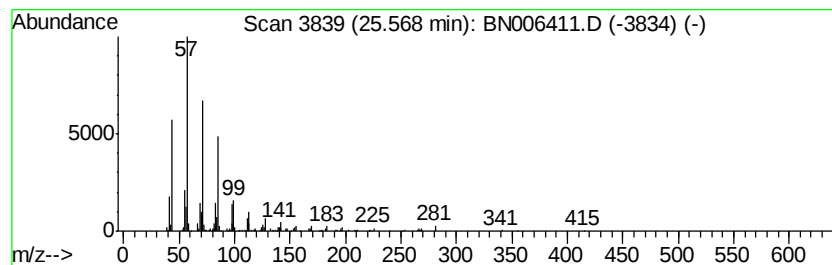
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 Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.57	2.03 ng/ul	480194	Perylene-d12	23.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	90
2		Tetracosane	338	C24H50	000646-31-1	90
3		Hentriacontane	437	C31H64	000630-04-6	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		2-methyloctacosane	408	C29H60	1000376-72-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061919\
Data File : BN006411.D
Acq On : 19 Jun 2019 23:49
Operator : JU/SJ
Sample : K3335-10
Misc :
ALS Vial : 18 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
1-Octadecanesulph...	20.96	3.5	ng/ul	795738	5	21.25	4568620	20.0
(DEL) Alkane: Str...	21.40	2.6	ng/ul	601933	5	21.25	4568620	20.0
(DEL) Alkane: Str...	21.84	4.5	ng/ul	1027780	5	21.25	4568620	20.0
(DEL) Alkane: Str...	22.30	6.2	ng/ul	1408750	5	21.25	4568620	20.0
(DEL) Alkane: Str...	22.80	7.5	ng/ul	1773620	6	23.48	4724470	20.0
(DEL) Alkane: Str...	23.99	6.0	ng/ul	1412850	6	23.48	4724470	20.0
(DEL) Alkane: Str...	24.73	3.7	ng/ul	873319	6	23.48	4724470	20.0
(DEL) Alkane: Str...	25.57	2.0	ng/ul	480194	6	23.48	4724470	20.0