

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009673.D
 Acq On : 08 Feb 2020 07:46
 Operator : CG/JU
 Sample : L1401-17
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB6T8

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-BN020320MA.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	3.070	11	14	19	rBV3	20466	25402	1.01%	0.074%
2	3.670	112	116	121	rVB3	12809	19880	0.79%	0.058%
3	3.752	126	130	135	rVB	26054	34642	1.38%	0.101%
4	3.970	163	167	173	rVB3	23027	31281	1.25%	0.091%
5	4.364	230	234	239	rVB2	12708	15576	0.62%	0.045%
6	4.628	275	279	286	rBV2	24410	36325	1.45%	0.106%
7	5.499	421	427	432	rBV6	8437	15901	0.63%	0.046%
8	6.628	612	619	632	rVV	318731	549229	21.91%	1.603%
9	6.787	640	646	661	rBV	242242	388833	15.51%	1.135%
10	6.969	672	677	691	rVB	331340	544282	21.72%	1.588%
11	7.069	691	694	702	rVB8	8997	15979	0.64%	0.047%
12	7.428	748	755	766	rBV	623540	941995	37.59%	2.749%
13	8.140	870	876	888	rVV	363814	627699	25.05%	1.832%
14	8.252	892	895	901	rVB4	8851	15940	0.64%	0.047%
15	8.575	941	950	960	rBV	308863	538558	21.49%	1.572%
16	8.658	960	964	968	rVB6	5547	8394	0.33%	0.024%
17	8.752	975	980	989	rVB5	21708	38877	1.55%	0.113%
18	9.016	1019	1025	1031	rVB2	14635	22808	0.91%	0.067%
19	9.287	1064	1071	1079	rBV	261824	438431	17.49%	1.279%
20	9.816	1155	1161	1172	rBV	354252	631290	25.19%	1.842%
21	10.181	1215	1223	1229	rBV	818929	1324912	52.86%	3.866%
22	10.228	1229	1231	1240	rVB2	10987	15739	0.63%	0.046%
23	10.334	1240	1249	1261	rBV	315268	647069	25.82%	1.888%
24	11.640	1465	1471	1477	rVB3	6973	14239	0.57%	0.042%
25	11.787	1491	1496	1504	rVV6	7966	15250	0.61%	0.045%
26	11.857	1504	1508	1513	rVB4	5348	9700	0.39%	0.028%
27	12.910	1682	1687	1691	rBV3	9871	14766	0.59%	0.043%
28	13.375	1763	1766	1774	rVV6	5151	11280	0.45%	0.033%
29	13.493	1780	1786	1792	rVV	666372	945240	37.72%	2.758%
30	13.545	1792	1795	1799	rVV2	29900	43769	1.75%	0.128%
31	13.757	1824	1831	1842	rBV	738310	1120984	44.73%	3.271%
32	14.004	1869	1873	1877	rVV2	15176	18302	0.73%	0.053%
33	14.069	1877	1884	1892	rVV	1225585	1713276	68.36%	5.000%
34	14.128	1892	1894	1902	rVB7	10161	15595	0.62%	0.046%

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Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
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35	14.310	1918	1925	1942	rBV	186775	423879	16.91%	1.237%
36	14.963	2032	2036	2041	rVB3	15998	21736	0.87%	0.063%
37	15.069	2049	2054	2060	rBV	994624	1370545	54.69%	3.999%
38	15.122	2060	2063	2070	rVB4	12274	23975	0.96%	0.070%
39	15.222	2075	2080	2091	rVV	258046	409413	16.34%	1.195%
40	15.310	2093	2095	2101	rVV4	11049	17519	0.70%	0.051%
41	15.369	2101	2105	2110	rVV3	7884	13486	0.54%	0.039%
42	15.581	2135	2141	2145	rVB5	6454	10455	0.42%	0.031%
43	15.675	2150	2157	2162	rVB7	11497	15483	0.62%	0.045%
44	15.828	2178	2183	2185	rVV4	19765	29016	1.16%	0.085%
45	15.851	2185	2187	2191	rVB4	14726	19335	0.77%	0.056%
46	16.187	2239	2244	2249	rVB6	4820	9351	0.37%	0.027%
47	16.492	2292	2296	2302	rVB5	7959	12978	0.52%	0.038%
48	16.616	2314	2317	2320	rBV2	21192	26013	1.04%	0.076%
49	16.822	2347	2352	2357	rVV	1487156	2011188	80.25%	5.869%
50	16.863	2357	2359	2364	rVV	160195	192506	7.68%	0.562%
51	16.922	2364	2369	2383	rVB2	1035167	1516313	60.50%	4.425%
52	17.239	2417	2423	2433	rBV6	25212	48278	1.93%	0.141%
53	17.357	2438	2443	2447	rBV4	18544	24899	0.99%	0.073%
54	17.698	2496	2501	2506	rVV	27404	42961	1.71%	0.125%
55	17.751	2506	2510	2514	rVV	40348	62887	2.51%	0.184%
56	17.828	2518	2523	2527	rVV3	16262	30808	1.23%	0.090%
57	17.892	2527	2534	2538	rVV4	40516	77378	3.09%	0.226%
58	17.928	2538	2540	2548	rVB2	20281	30169	1.20%	0.088%
59	18.051	2557	2561	2567	rBV5	16511	21229	0.85%	0.062%
60	18.186	2580	2584	2586	rVV2	19628	24284	0.97%	0.071%
61	18.216	2586	2589	2593	rVB2	16877	25031	1.00%	0.073%
62	18.257	2593	2596	2600	rBV5	6860	10396	0.41%	0.030%
63	18.463	2628	2631	2634	rBV4	8930	9940	0.40%	0.029%
64	18.516	2636	2640	2642	rVV5	10497	11672	0.47%	0.034%
65	18.628	2654	2659	2664	rBV3	33491	55642	2.22%	0.162%
66	18.692	2664	2670	2674	rBV4	27467	45660	1.82%	0.133%
67	18.775	2681	2684	2692	rVB8	16697	30526	1.22%	0.089%
68	18.857	2696	2698	2699	rVV2	13557	10517	0.42%	0.031%
69	18.892	2699	2704	2711	rVB	336021	440382	17.57%	1.285%
70	19.045	2725	2730	2734	rBV6	12423	19313	0.77%	0.056%
71	19.110	2738	2741	2742	rBV3	15021	17031	0.68%	0.050%

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72	19.228	2756	2761	2765	rBV	1392435	1962637	78.31%	5.727%
73	19.339	2777	2780	2786	rVB5	19026	31136	1.24%	0.091%
74	19.445	2795	2798	2803	rBV2	17190	28436	1.13%	0.083%
75	19.592	2820	2823	2830	rVB6	21629	43572	1.74%	0.127%
76	19.727	2843	2846	2847	rBV3	21285	20919	0.83%	0.061%
77	19.769	2850	2853	2858	rVB4	42697	62868	2.51%	0.183%
78	19.822	2859	2862	2866	rVB	29025	31837	1.27%	0.093%
79	19.869	2866	2870	2874	rBV3	31166	47850	1.91%	0.140%
80	19.922	2875	2879	2884	rBV3	44313	61151	2.44%	0.178%
81	20.110	2907	2911	2916	rBV8	22591	35533	1.42%	0.104%
82	20.322	2944	2947	2949	rBV2	30966	34576	1.38%	0.101%
83	20.775	3020	3024	3031	rVB2	298525	395184	15.77%	1.153%
84	20.980	3056	3059	3062	rBV	86818	92615	3.70%	0.270%
85	21.033	3062	3068	3072	rVV	1790186	2506240	100.00%	7.313%
86	21.074	3072	3075	3080	rVB	164350	218715	8.73%	0.638%
87	21.222	3097	3100	3104	rBV	121776	136694	5.45%	0.399%
88	21.645	3168	3172	3183	rBV2	310559	516569	20.61%	1.507%
89	22.074	3240	3245	3251	rBV3	377567	639797	25.53%	1.867%
90	22.292	3278	3282	3286	rBV2	288268	352435	14.06%	1.028%
91	22.551	3320	3326	3329	rBV2	575841	913678	36.46%	2.666%
92	22.586	3329	3332	3339	rVB	523108	735494	29.35%	2.146%
93	23.016	3400	3405	3410	rBV	919324	1523565	60.79%	4.446%
94	23.074	3411	3415	3420	rVB2	382201	611262	24.39%	1.784%
95	23.151	3422	3428	3434	rBV	1222709	2007598	80.10%	5.858%
96	23.357	3459	3463	3469	rVB3	189073	286855	11.45%	0.837%
97	23.663	3510	3515	3522	rVB	712431	1229419	49.05%	3.588%
98	23.733	3523	3527	3537	rVB2	238233	463742	18.50%	1.353%
99	24.333	3624	3629	3637	rVB2	279460	631640	25.20%	1.843%
100	25.127	3758	3764	3773	rVB	276724	633089	25.26%	1.847%

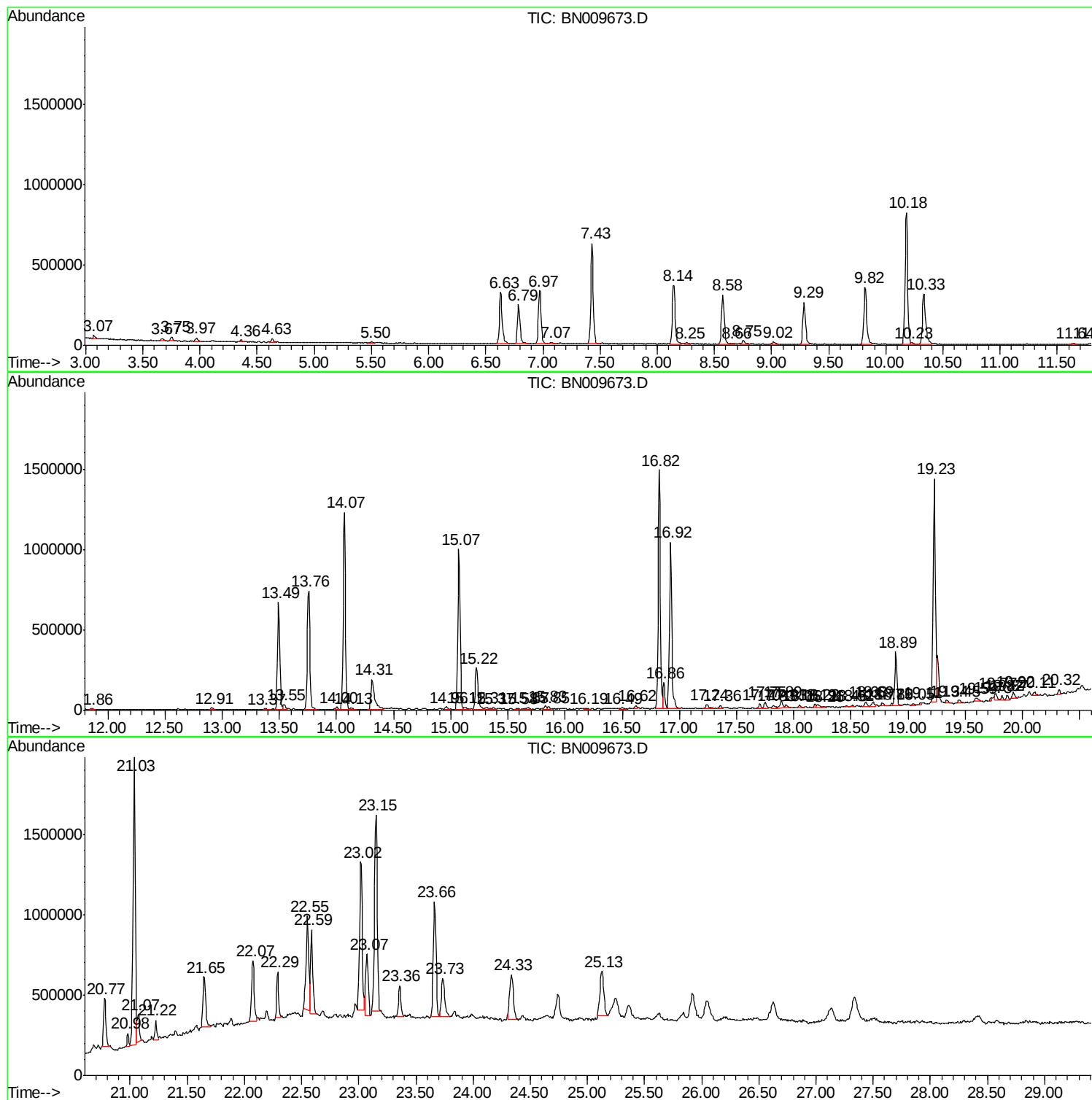
Sum of corrected areas: 34268743

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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



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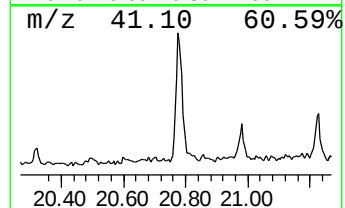
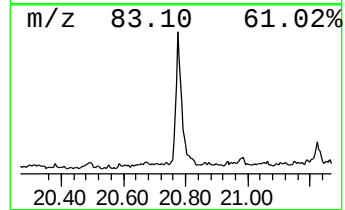
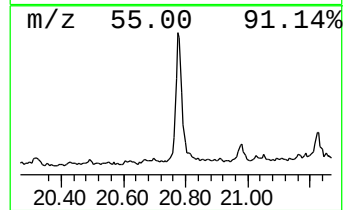
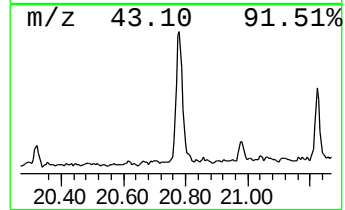
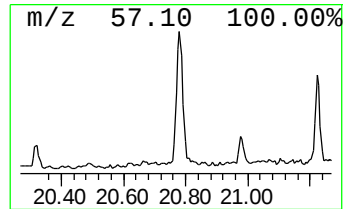
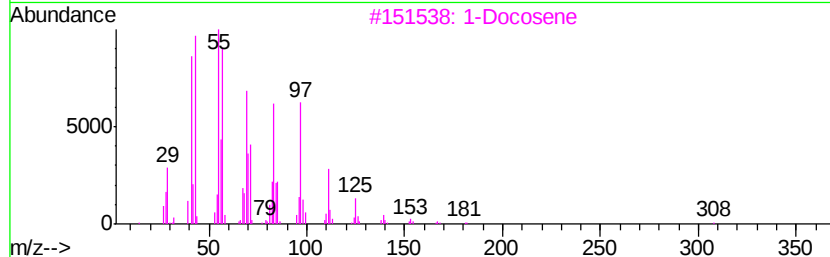
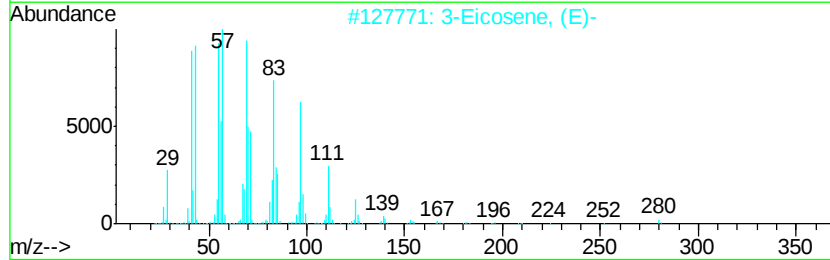
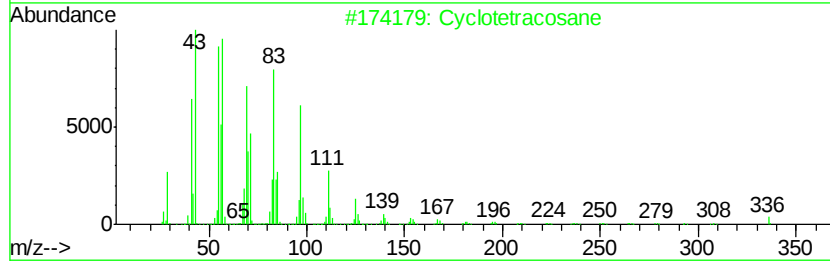
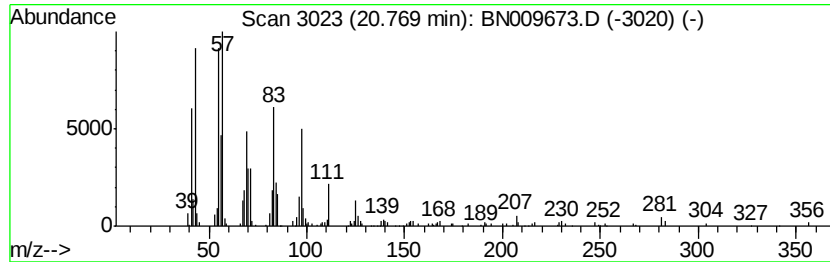
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic20.77 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	3.15 ng/ul	395184	Chrysene-d12	21.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	91
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3		1-Docosene	308	C22H44	001599-67-3	91
4		Heptadecyl heptafluorobutyrte	452	C21H35F7O2	959085-66-6	90
5		Dichloroacetic acid, tetradecyl ...	324	C16H30Cl2O2	083005-02-1	90



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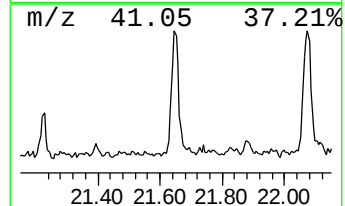
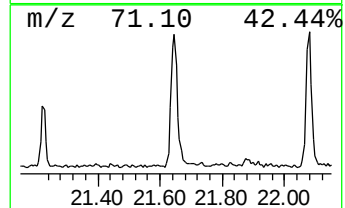
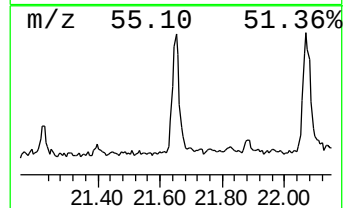
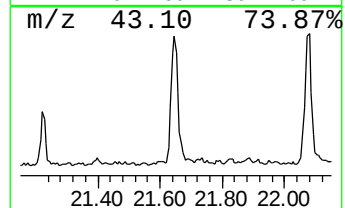
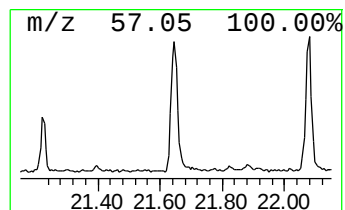
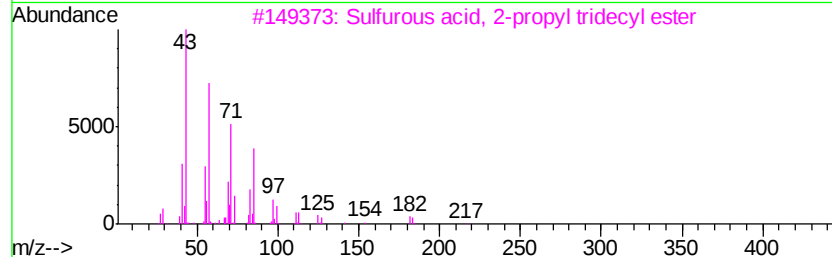
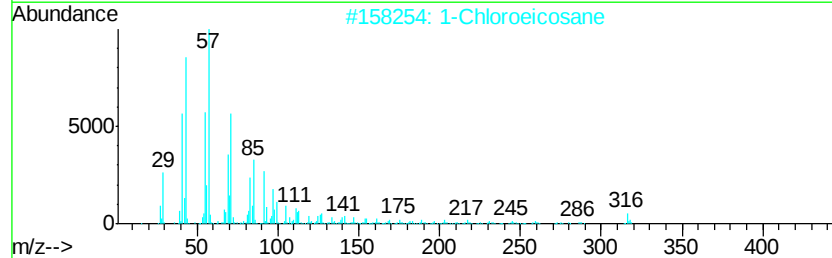
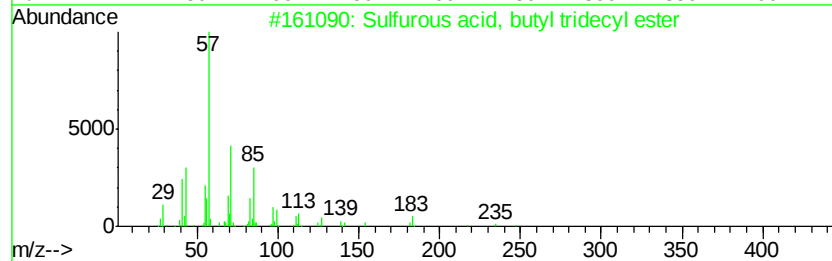
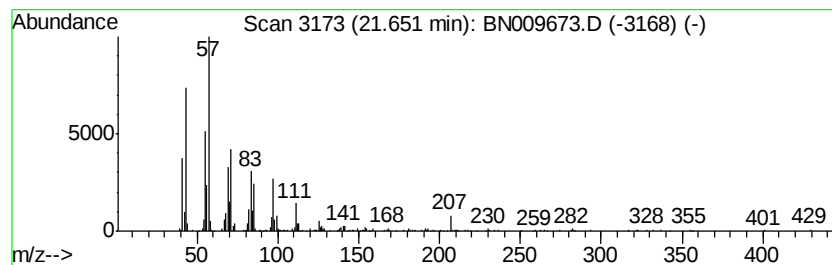
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Sulfurous acid, butyl tridecyl ester... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.65	4.12 ng/ul	516569	Chrysene-d12	21.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl tridecyl ester...	320	C17H36O3S	1000309-18-0	86
2			1-Chloroeicosane	316	C20H41Cl	042217-02-7	86
3			Sulfurous acid, 2-propyl tridecyl ester...	306	C16H34O3S	1000309-12-4	74
4			Sulfurous acid, pentadecyl 2-propyl ester...	334	C18H38O3S	1000309-12-6	74
5			Sulfurous acid, 2-propyl tetradecyl ester...	320	C17H36O3S	1000309-12-5	74



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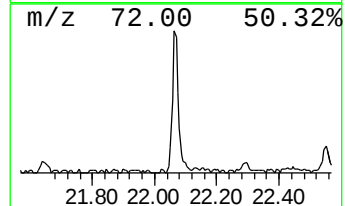
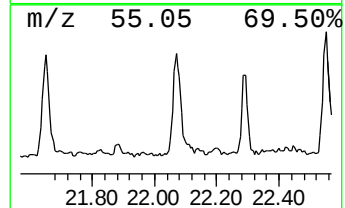
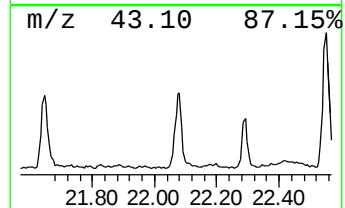
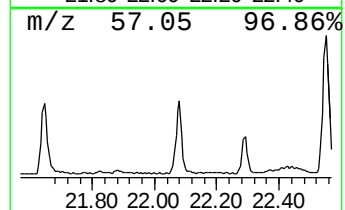
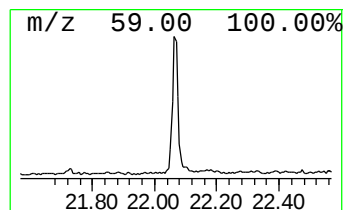
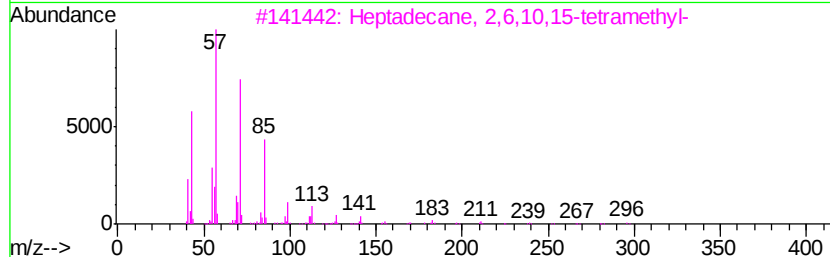
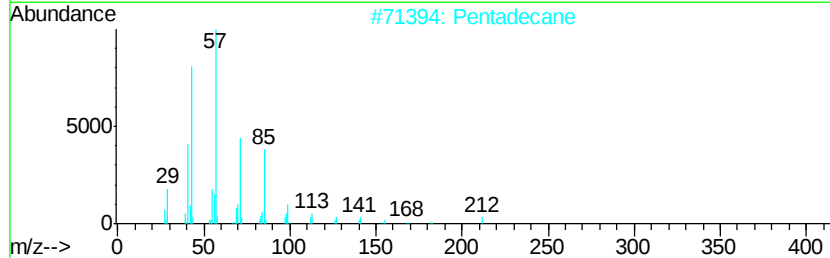
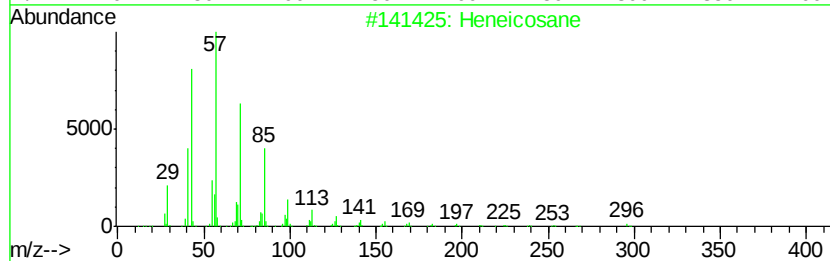
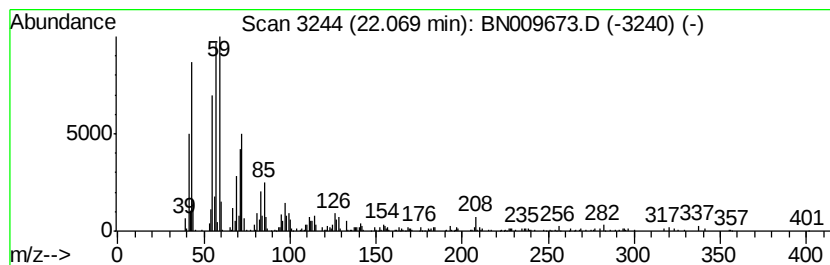
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.07	5.11 ng/ul	639797	Chrysene-d12	21.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	93
2		Pentadecane	212	C15H32	000629-62-9	91
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4		Hexacosane	366	C26H54	000630-01-3	60
5		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	60



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Acq On : 08 Feb 2020 07:46
Operator : CG/JU
Sample : L1401-17
Misc :
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Instrument :
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ClientSampleId :
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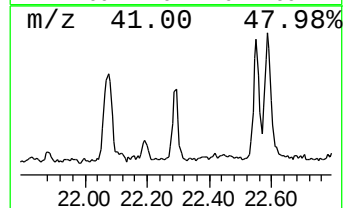
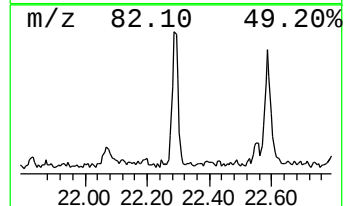
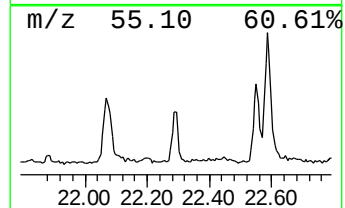
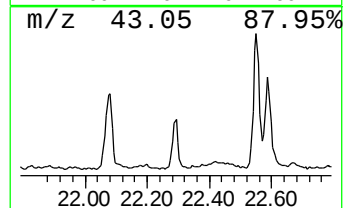
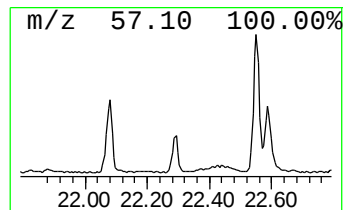
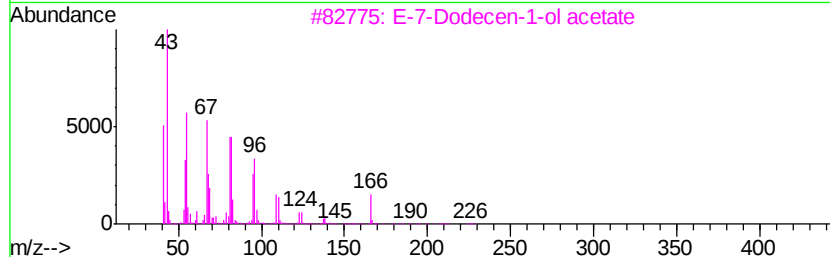
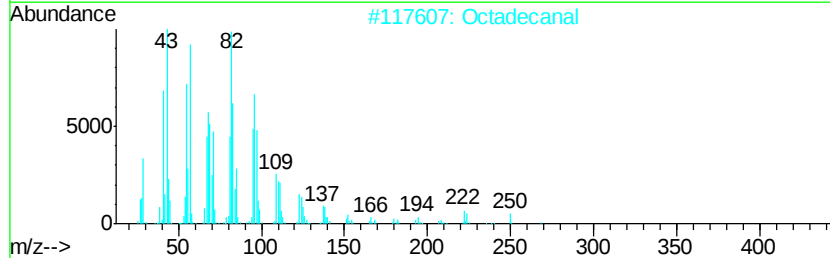
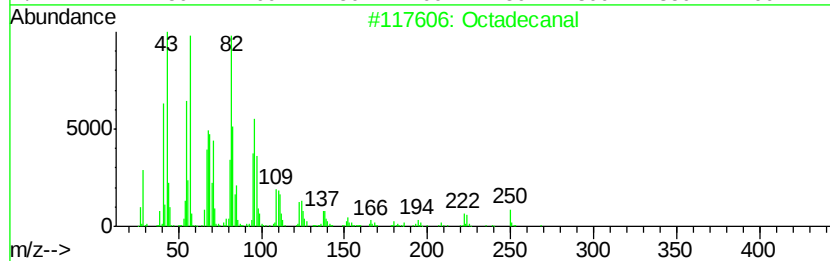
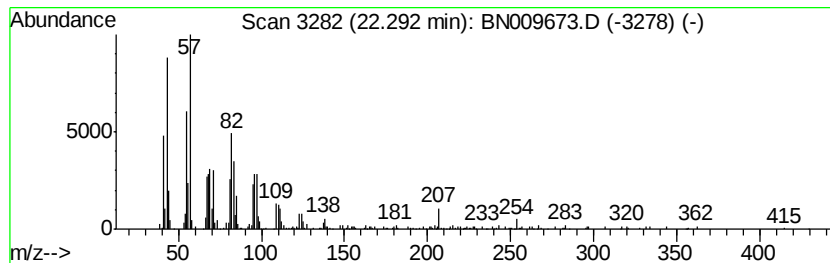
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Octadecanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	3.51 ng/ul	352435	Perylene-d12	23.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	93
2		Octadecanal	268	C18H36O	000638-66-4	93
3		E-7-Dodecen-1-ol acetate	226	C14H26O2	1000131-35-3	86
4		Octadecanal	268	C18H36O	000638-66-4	81
5		9-Octadecen-1-ol, (Z)-	268	C18H36O	000143-28-2	74



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Sample : L1401-17
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Instrument :
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ClientSampleId :
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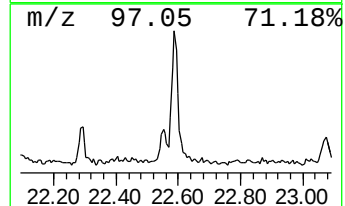
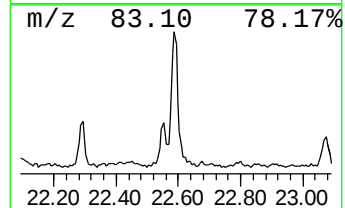
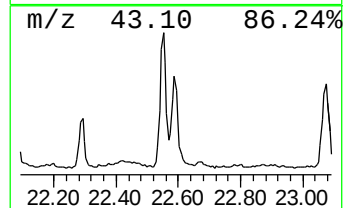
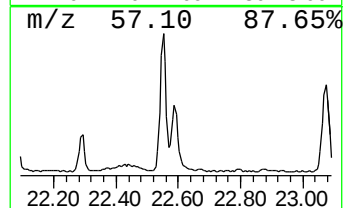
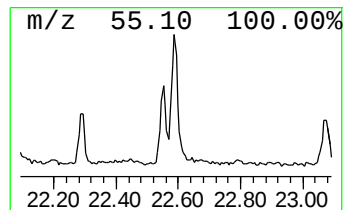
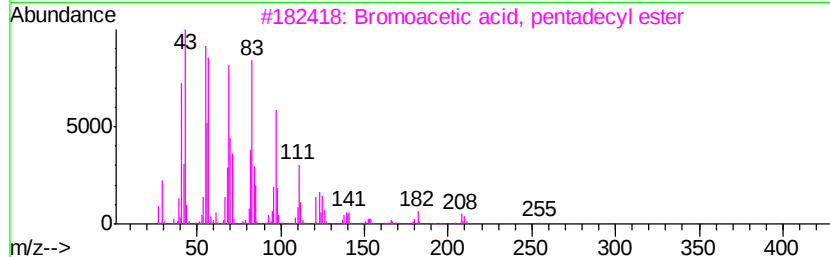
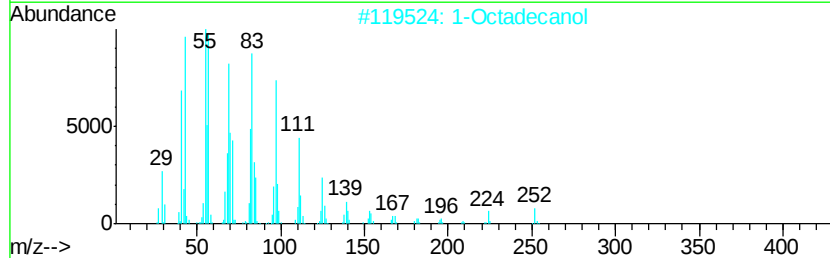
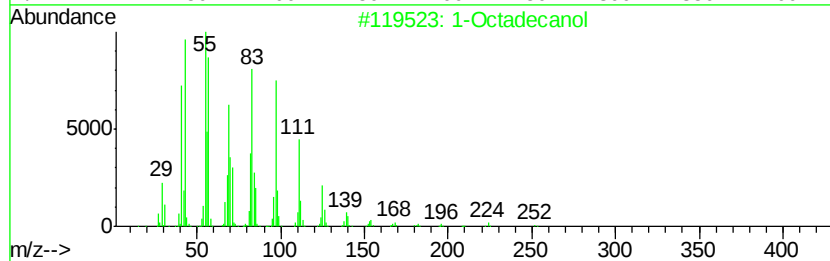
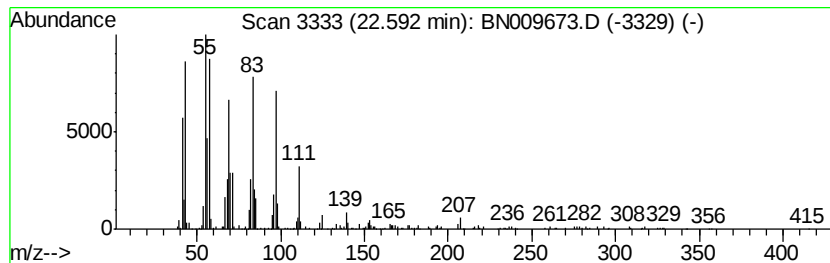
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1-Octadecanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.59	7.33 ng/ul	735494	Perylene-d12	23.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol		270	C18H38O	000112-92-5	91
2	1-Octadecanol		270	C18H38O	000112-92-5	90
3	Bromoacetic acid, pentadecyl ester		348	C17H33BrO2	131143-01-6	87
4	3-Chloropropionic acid, heptadec...		346	C20H39ClO2	1000283-05-1	87
5	Isoheptadecanol		256	C17H36O	057289-07-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009673.D
Acq On : 08 Feb 2020 07:46
Operator : CG/JU
Sample : L1401-17
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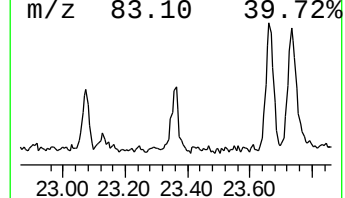
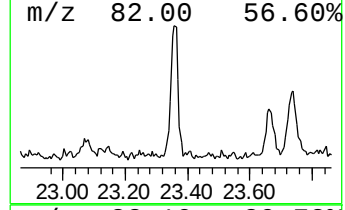
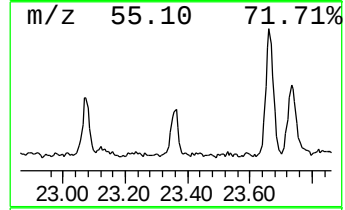
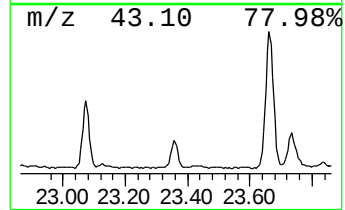
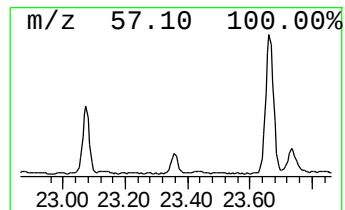
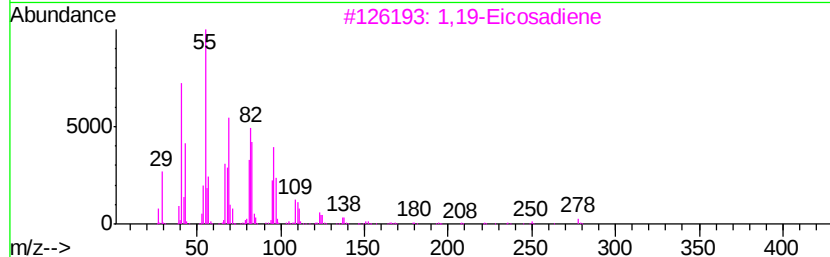
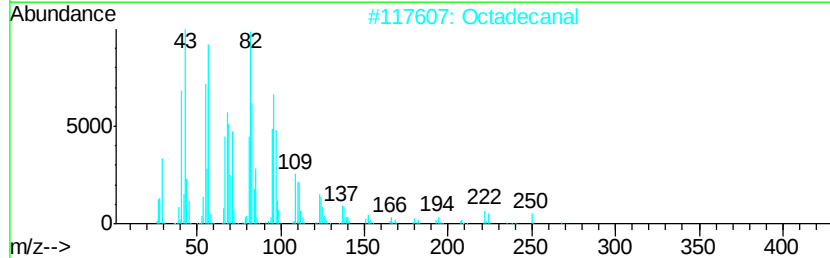
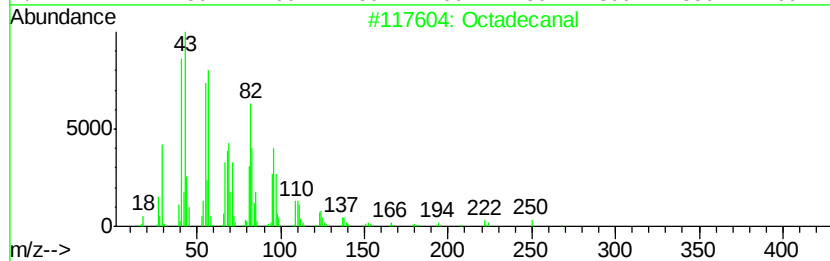
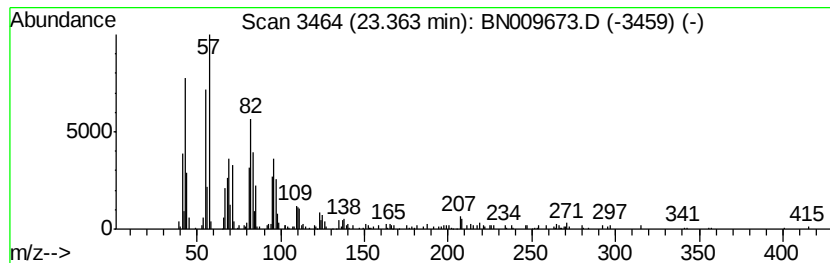
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1,19-Eicosadiene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.36	2.86 ng/ul	286855	Perylene-d12	23.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanal	268	C18H36O	000638-66-4	94
2			Octadecanal	268	C18H36O	000638-66-4	93
3			1,19-Eicosadiene	278	C20H38	014811-95-1	91
4			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5			Octadecanal	268	C18H36O	000638-66-4	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009673.D
Acq On : 08 Feb 2020 07:46
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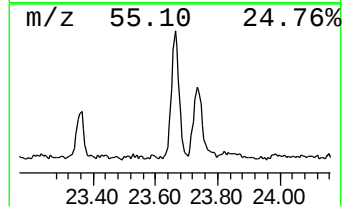
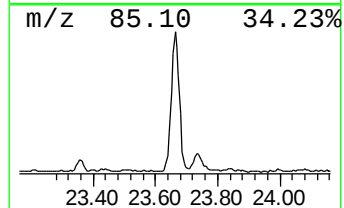
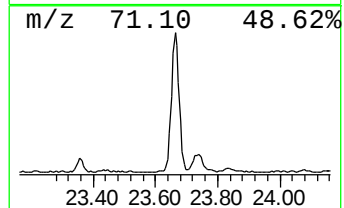
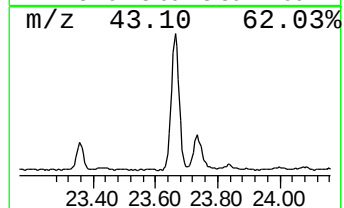
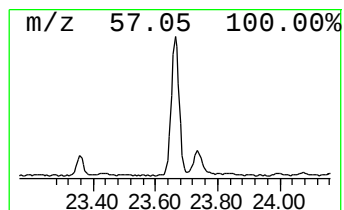
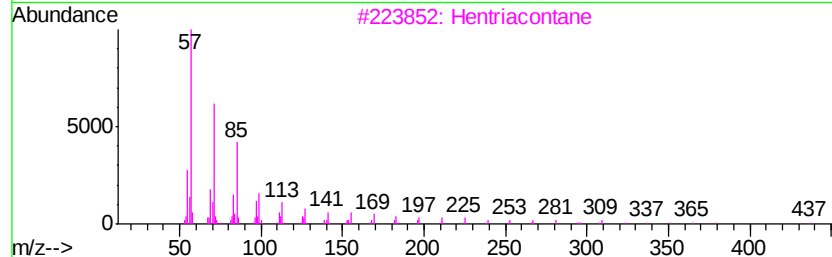
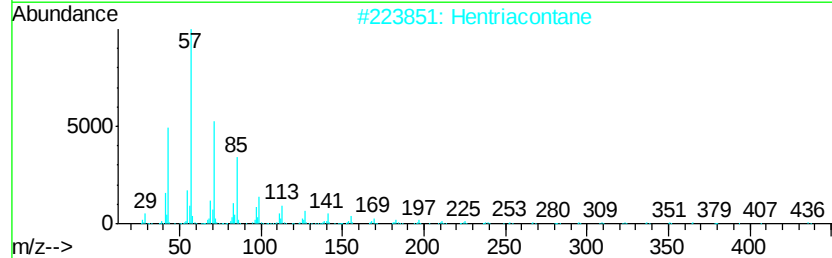
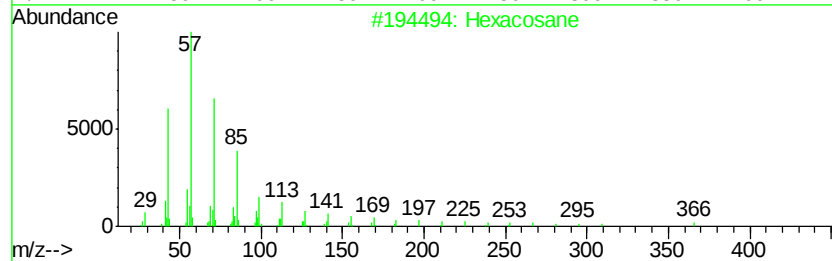
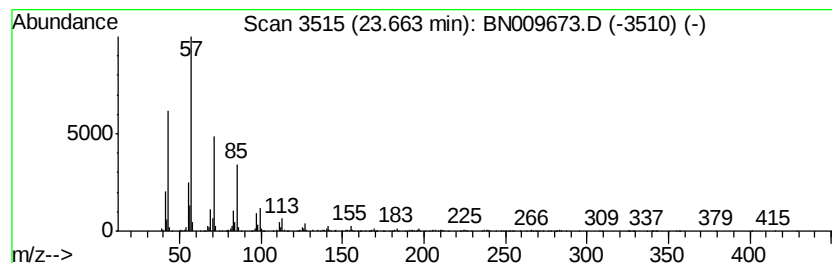
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.66	12.25 ng/ul	1229420	Perylene-d12	23.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Hentriacontane	437	C31H64	000630-04-6	91
4		Octacosane	394	C28H58	000630-02-4	87
5		Tetracosane, 9-octyl-	451	C32H66	055401-54-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
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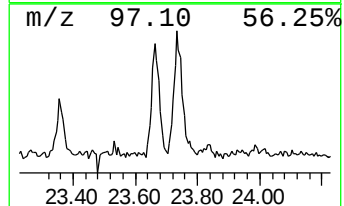
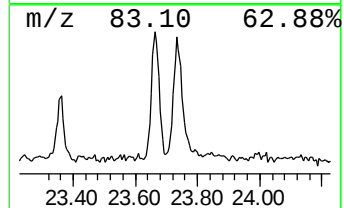
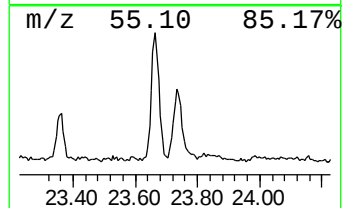
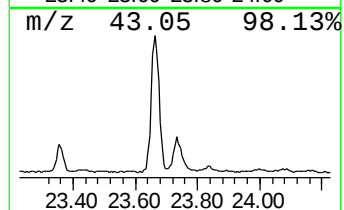
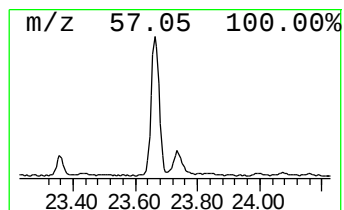
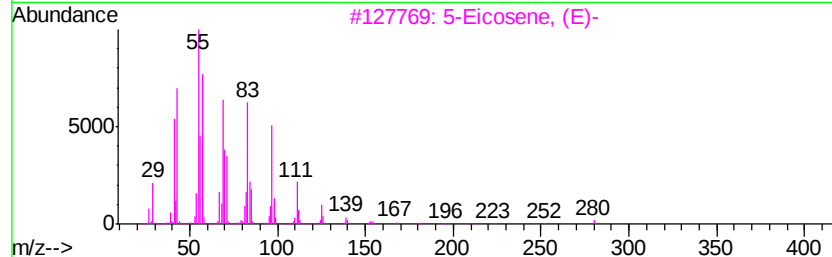
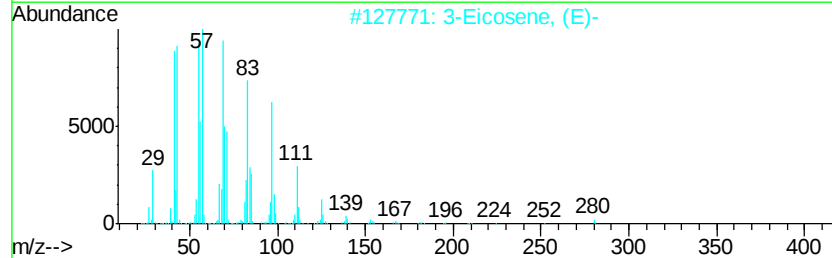
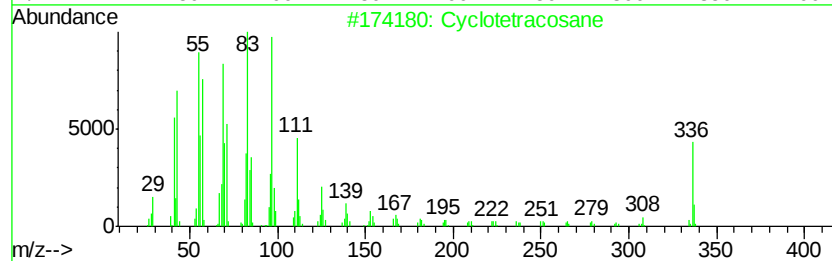
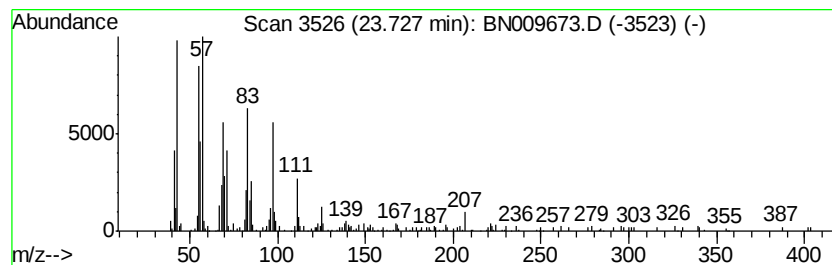
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Cyclic23.73 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.73	4.62 ng/ul	463742	Perylene-d12	23.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	98
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	96
3		5-Eicosene, (E)-	280	C20H40	074685-30-6	96
4		13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	93
5		Cycloeicosane	280	C20H40	000296-56-0	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
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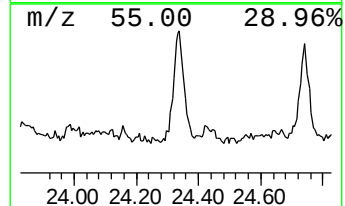
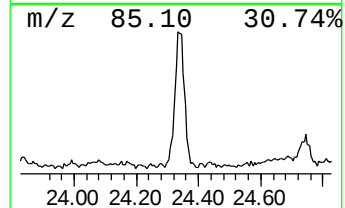
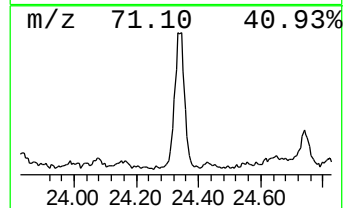
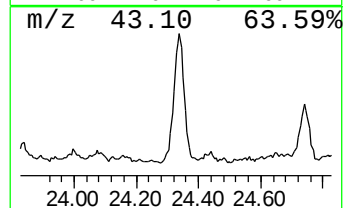
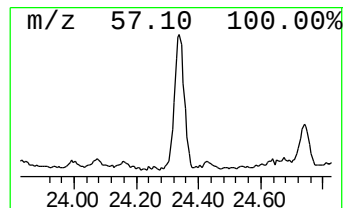
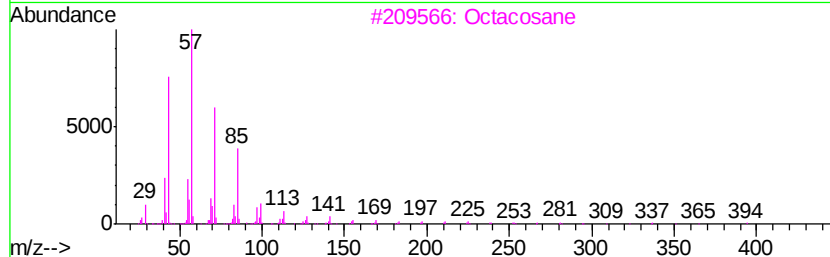
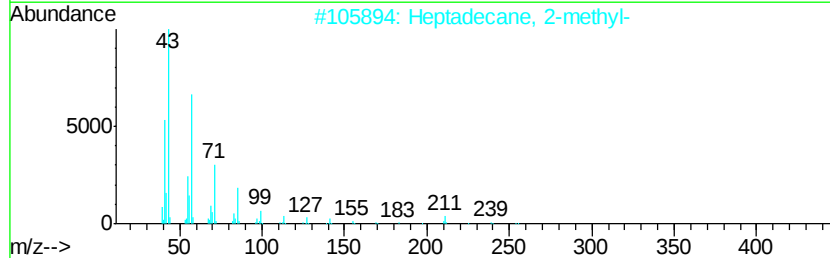
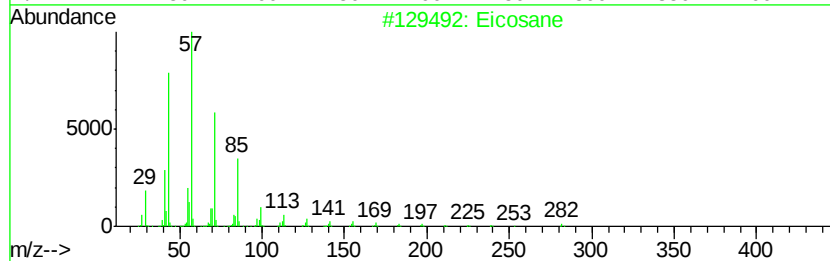
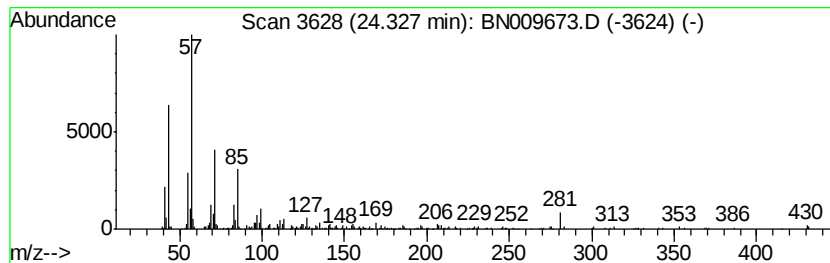
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.33	6.29 ng/ul	631640	Perylene-d12	23.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	90
3		Octacosane	394	C28H58	000630-02-4	81
4		Tetratetracontane	619	C44H90	007098-22-8	76
5		Tetracosane	338	C24H50	000646-31-1	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
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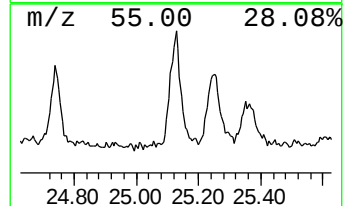
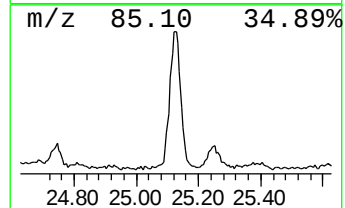
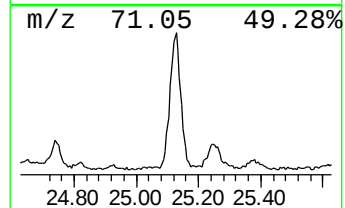
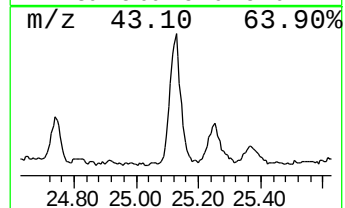
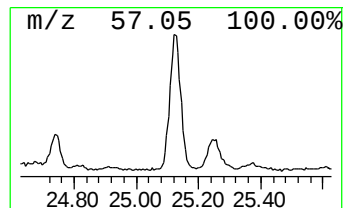
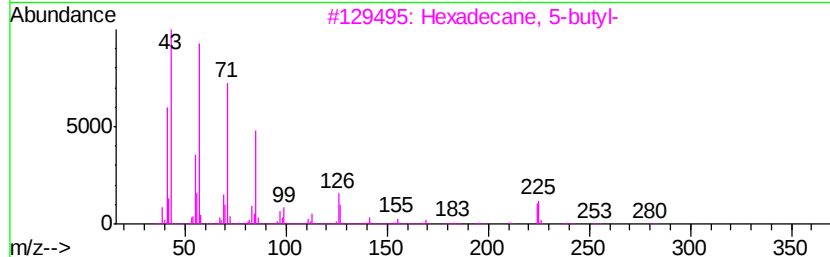
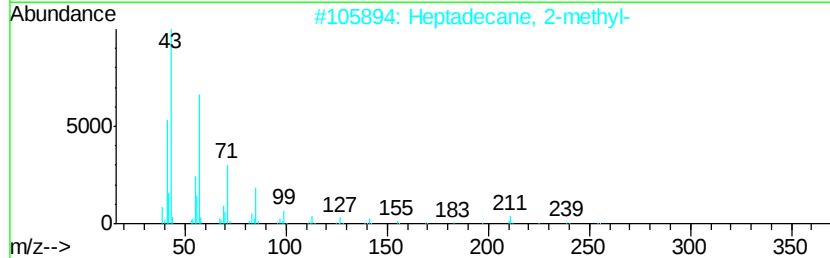
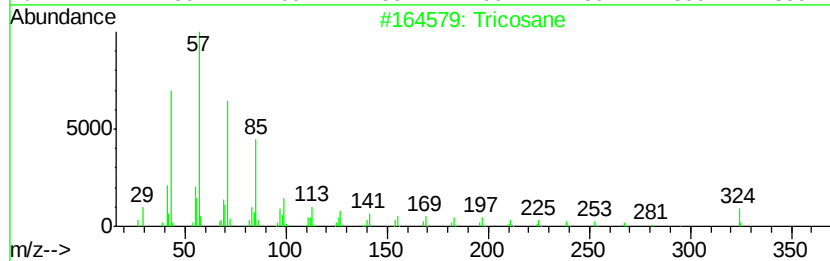
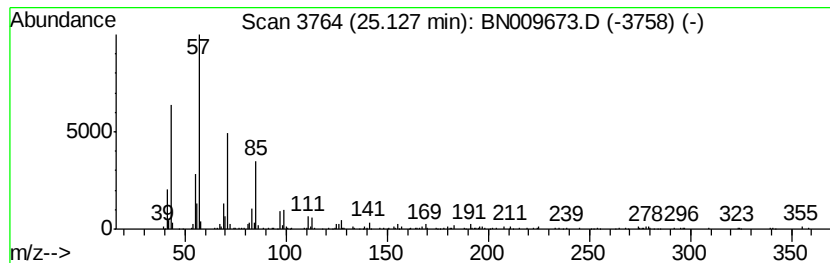
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.13	6.31 ng/ul	633089	Perylene-d12	23.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricosane	324	C23H48	000638-67-5	91
2			Heptadecane, 2-methyl-	254	C18H38	001560-89-0	91
3			Hexadecane, 5-butyl-	282	C20H42	006912-07-8	90
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5			Octacosane	394	C28H58	000630-02-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
 Data File : BN009673.D
 Acq On : 08 Feb 2020 07:46
 Operator : CG/JU
 Sample : L1401-17
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB6T8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.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
(DEL) Alkane: Cyc...	20.77	3.1	ng/ul	395184	5	21.03	2506240	20.0
Sulfurous acid, b...	21.65	4.1	ng/ul	516569	5	21.03	2506240	20.0
(DEL) Alkane: Str...	22.07	5.1	ng/ul	639797	5	21.03	2506240	20.0
Octadecanal	22.29	3.5	ng/ul	352435	6	23.15	2007600	20.0
1-Octadecanol	22.59	7.3	ng/ul	735494	6	23.15	2007600	20.0
1,19-Eicosadiene	23.36	2.9	ng/ul	286855	6	23.15	2007600	20.0
(DEL) Alkane: Str...	23.66	12.3	ng/ul	1229420	6	23.15	2007600	20.0
(DEL) Alkane: Cyc...	23.73	4.6	ng/ul	463742	6	23.15	2007600	20.0
(DEL) Alkane: Str...	24.33	6.3	ng/ul	631640	6	23.15	2007600	20.0
(DEL) Alkane: Str...	25.13	6.3	ng/ul	633089	6	23.15	2007600	20.0