

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
 Data File : BN009853.D
 Acq On : 22 Feb 2020 19:33
 Operator : CG/JU
 Sample : L1516-15
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBD73

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-BN021220MA.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	3.034	5	8	16	rVB	41814	56002	1.89%	0.154%
2	3.475	80	83	88	rBV6	2206	3810	0.13%	0.010%
3	3.634	108	110	113	rVB3	3174	3418	0.12%	0.009%
4	3.711	122	123	129	rVB6	5522	8659	0.29%	0.024%
5	3.934	158	161	165	rBV5	3941	5697	0.19%	0.016%
6	4.023	174	176	180	rVB4	3171	3300	0.11%	0.009%
7	4.070	180	184	185	rBV3	2811	3192	0.11%	0.009%
8	4.240	208	213	215	rBV2	2264	3200	0.11%	0.009%
9	4.593	270	273	279	rBV3	8486	13781	0.47%	0.038%
10	6.593	607	613	628	rBV	649683	1101840	37.22%	3.022%
11	6.746	633	639	653	rVV	475202	754074	25.47%	2.068%
12	6.928	664	670	685	rVB	658114	1057799	35.73%	2.901%
13	7.146	704	707	711	rVB2	4405	3591	0.12%	0.010%
14	7.387	742	748	756	rBV	467379	748395	25.28%	2.053%
15	7.475	759	763	768	rVB2	12988	19908	0.67%	0.055%
16	8.099	862	869	881	rBV	714726	1195411	40.38%	3.279%
17	8.175	881	882	887	rVB4	4765	5635	0.19%	0.015%
18	8.534	936	943	955	rBV	629309	1086218	36.69%	2.979%
19	8.710	970	973	978	rVB5	2369	3134	0.11%	0.009%
20	8.969	1014	1017	1025	rVB2	13119	19165	0.65%	0.053%
21	9.240	1057	1063	1073	rBV	529380	907909	30.67%	2.490%
22	9.775	1148	1154	1173	rBV	686803	1236018	41.75%	3.390%
23	9.899	1173	1175	1178	rVB4	3085	3247	0.11%	0.009%
24	10.134	1205	1215	1225	rBV	645010	1046342	35.35%	2.870%
25	10.287	1232	1241	1264	rBV	605698	1251887	42.29%	3.434%
26	11.757	1483	1491	1501	rBV4	6275	14133	0.48%	0.039%
27	12.869	1677	1680	1682	rBV2	4059	4014	0.14%	0.011%
28	12.940	1689	1692	1699	rVB3	7782	11983	0.40%	0.033%
29	13.263	1742	1747	1749	rBV4	2937	3525	0.12%	0.010%
30	13.340	1754	1760	1763	rBV3	3824	7106	0.24%	0.019%
31	13.457	1773	1780	1785	rBV	1211782	1710136	57.77%	4.691%
32	13.504	1785	1788	1798	rVB	109898	163896	5.54%	0.450%
33	13.716	1817	1824	1836	rBV	1412931	2036926	68.81%	5.587%
34	13.963	1862	1866	1870	rVB5	3365	5502	0.19%	0.015%

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35	14.028	1870	1877	1886	rBV	952078	1323671	44.71%	3.631%
36	14.098	1886	1889	1892	rVB2	2957	4254	0.14%	0.012%
37	14.269	1911	1918	1935	rBV	412357	837508	28.29%	2.297%
38	14.487	1952	1955	1961	rVB5	8508	12645	0.43%	0.035%
39	14.863	2017	2019	2020	rBV	5098	3075	0.10%	0.008%
40	14.916	2026	2028	2029	rBV2	5000	3313	0.11%	0.009%
41	15.034	2042	2048	2055	rBV	1765639	2455176	82.94%	6.734%
42	15.087	2055	2057	2065	rVB5	5058	7282	0.25%	0.020%
43	15.187	2069	2074	2086	rBV	559395	877285	29.63%	2.406%
44	15.275	2086	2089	2094	rVB4	20874	28550	0.96%	0.078%
45	15.428	2110	2115	2118	rBV3	1976	3269	0.11%	0.009%
46	15.792	2173	2177	2178	rBV3	6473	5442	0.18%	0.015%
47	15.822	2178	2182	2185	rVB4	5964	7482	0.25%	0.021%
48	16.140	2230	2236	2239	rVB5	2526	4750	0.16%	0.013%
49	16.240	2248	2253	2255	rBV4	3450	5764	0.19%	0.016%
50	16.475	2284	2293	2294	rBV4	2170	4048	0.14%	0.011%
51	16.581	2306	2311	2314	rBV6	3554	5845	0.20%	0.016%
52	16.787	2340	2346	2352	rBV	1147194	1528634	51.64%	4.193%
53	16.828	2352	2353	2357	rVV2	12151	8379	0.28%	0.023%
54	16.887	2357	2363	2376	rVV	1826575	2586755	87.38%	7.095%
55	17.028	2385	2387	2390	rVB4	3267	3047	0.10%	0.008%
56	17.204	2413	2417	2422	rVV4	17646	21825	0.74%	0.060%
57	17.587	2480	2482	2485	rBV3	2730	3014	0.10%	0.008%
58	17.716	2499	2504	2515	rBV	247633	367081	12.40%	1.007%
59	17.992	2548	2551	2552	rBV3	5678	5503	0.19%	0.015%
60	18.145	2575	2577	2581	rVB4	6272	7274	0.25%	0.020%
61	18.534	2638	2643	2644	rBV4	4231	5736	0.19%	0.016%
62	18.586	2648	2652	2656	rBV3	11315	16626	0.56%	0.046%
63	18.657	2660	2664	2668	rVB5	4224	5624	0.19%	0.015%
64	18.710	2670	2673	2675	rBV3	6654	7431	0.25%	0.020%
65	18.834	2688	2694	2697	rBV4	17295	28914	0.98%	0.079%
66	18.857	2697	2698	2702	rVB3	7642	8550	0.29%	0.023%
67	18.957	2714	2715	2717	rBV2	3279	3039	0.10%	0.008%
68	19.010	2721	2724	2730	rVV2	47329	71192	2.40%	0.195%
69	19.081	2732	2736	2741	rVB	14623	21253	0.72%	0.058%
70	19.151	2746	2748	2749	rBV2	3862	3644	0.12%	0.010%
71	19.192	2749	2755	2768	rVV	2258152	2960348	100.00%	8.120%

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72	19.286	2768	2771	2772	rVV3	3929	3139	0.11%	0.009%
73	19.498	2805	2807	2809	rBV3	4657	3799	0.13%	0.010%
74	19.575	2816	2820	2822	rBV6	3455	4812	0.16%	0.013%
75	19.716	2842	2844	2845	rBV2	5262	3594	0.12%	0.010%
76	19.751	2846	2850	2854	rVV3	22399	28033	0.95%	0.077%
77	20.045	2898	2900	2901	rBV2	6270	4698	0.16%	0.013%
78	20.269	2935	2938	2939	rBV3	8562	7126	0.24%	0.020%
79	20.704	3007	3012	3015	rBV	36362	66289	2.24%	0.182%
80	20.745	3015	3019	3025	rVV2	697117	842190	28.45%	2.310%
81	20.804	3025	3029	3035	rVB	157193	211512	7.14%	0.580%
82	20.951	3051	3054	3057	rVB3	22021	18726	0.63%	0.051%
83	21.004	3058	3063	3072	rBV	1349163	1659458	56.06%	4.552%
84	21.192	3092	3095	3101	rBV2	57217	68699	2.32%	0.188%
85	21.610	3163	3166	3173	rBV2	89992	146052	4.93%	0.401%
86	22.045	3236	3240	3243	rBV2	123286	150199	5.07%	0.412%
87	22.510	3315	3319	3323	rBV	157459	192174	6.49%	0.527%
88	22.974	3392	3398	3404	rBV	1758906	2861387	96.66%	7.849%
89	23.027	3404	3407	3412	rVB	176852	232100	7.84%	0.637%
90	23.104	3414	3420	3430	rVB	980991	1690726	57.11%	4.638%
91	23.610	3502	3506	3511	rVB	137497	215930	7.29%	0.592%
92	23.680	3513	3518	3529	rVB2	151221	294653	9.95%	0.808%

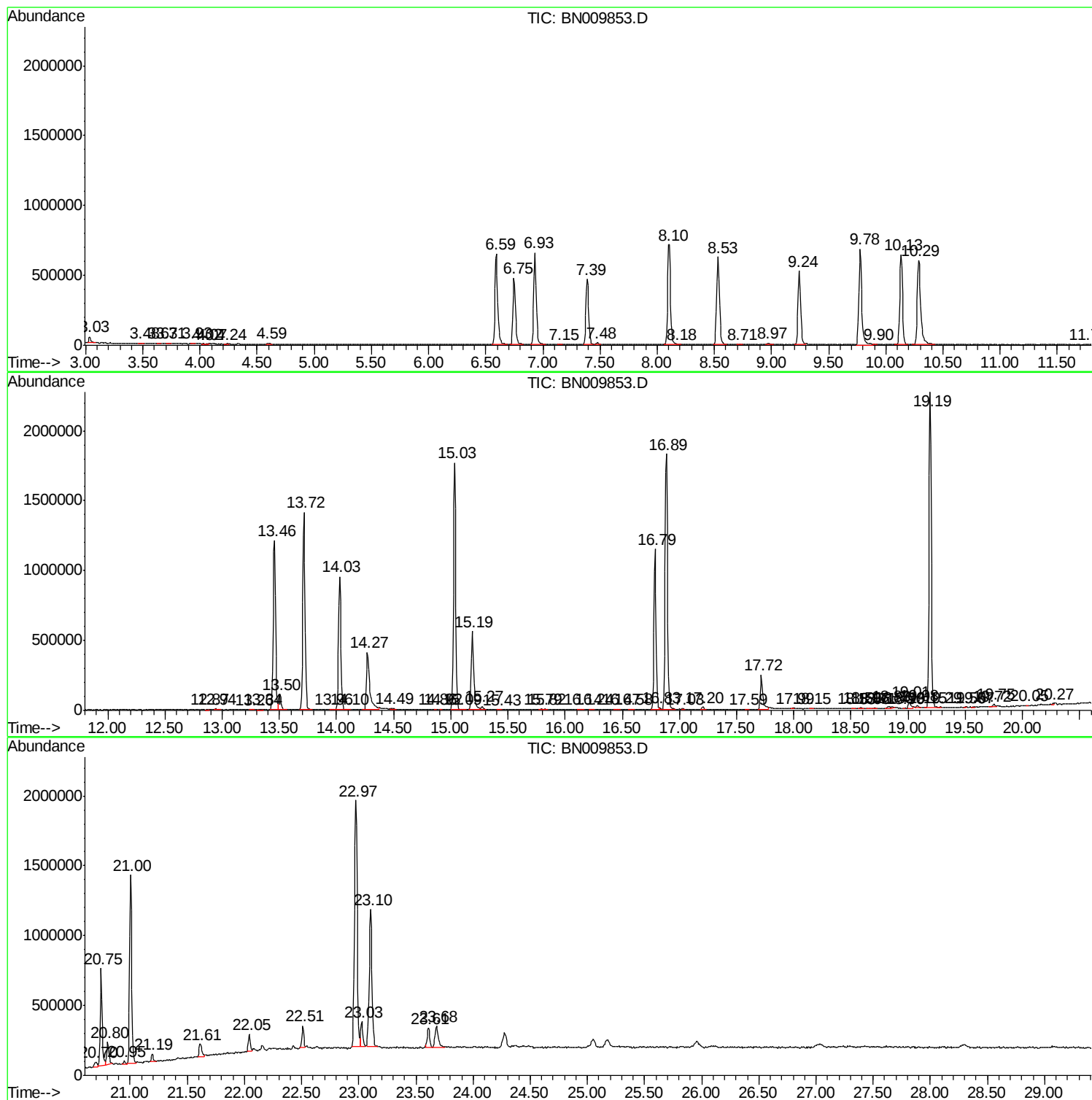
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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



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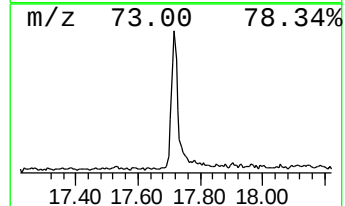
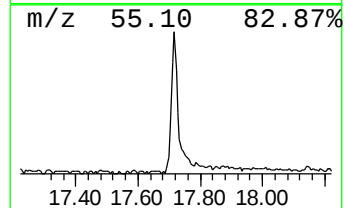
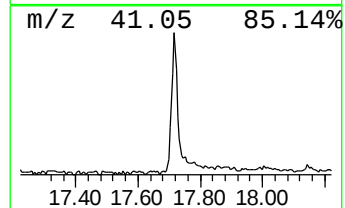
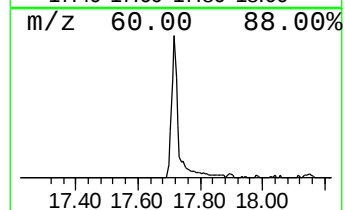
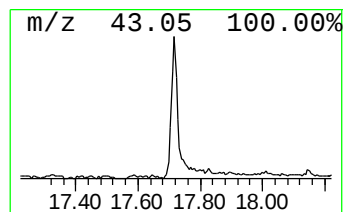
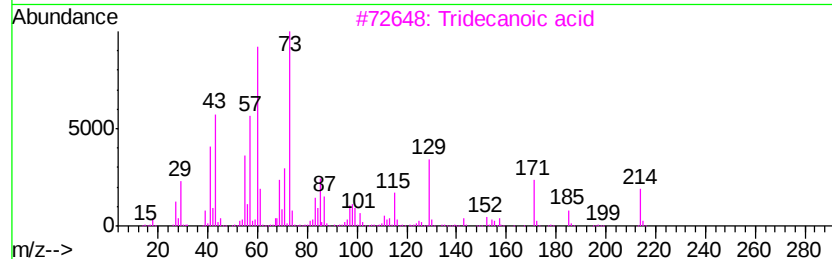
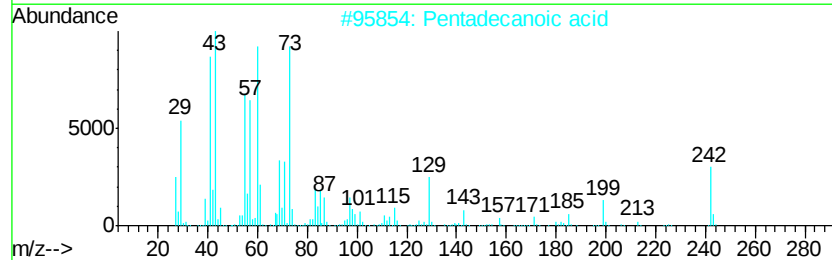
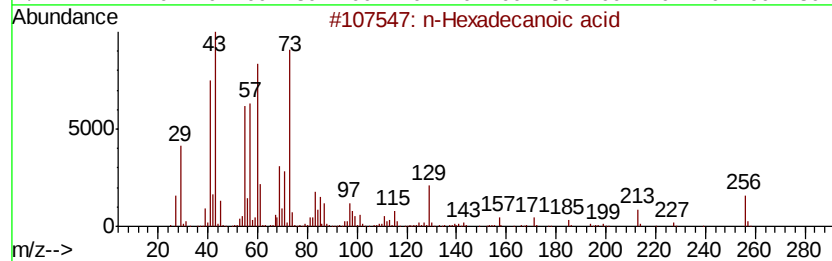
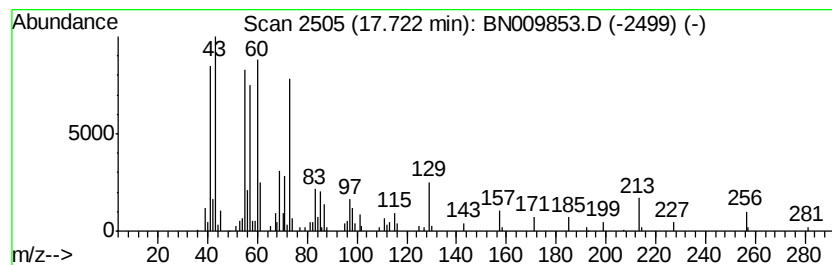
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.72	4.80 ng/ul	367081	Phenanthrene-d10	16.79	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64



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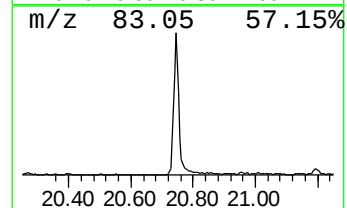
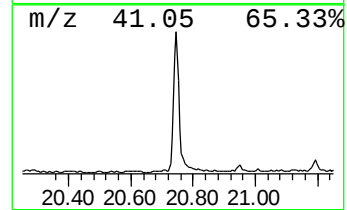
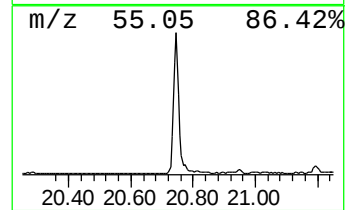
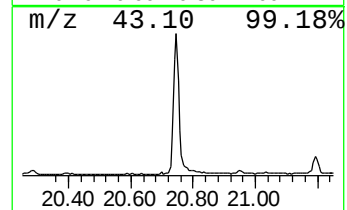
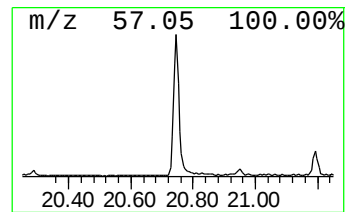
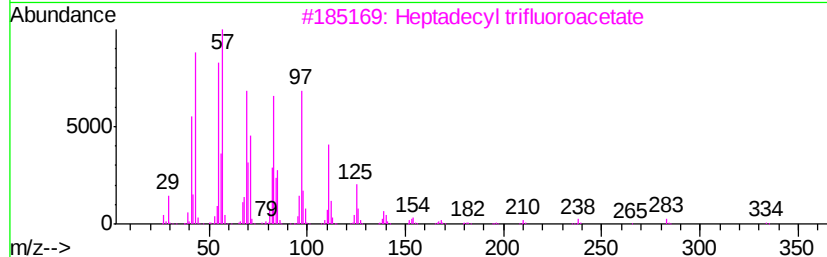
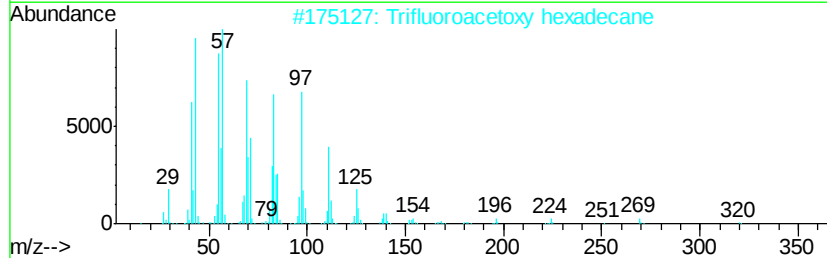
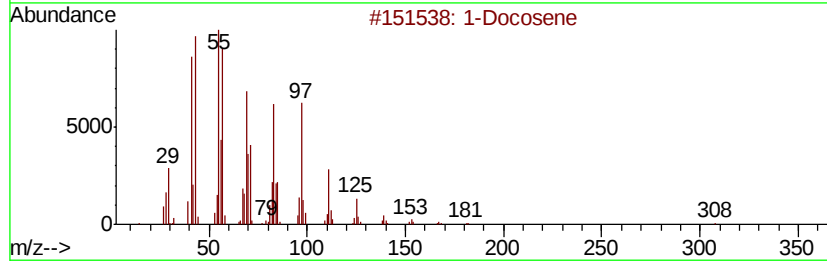
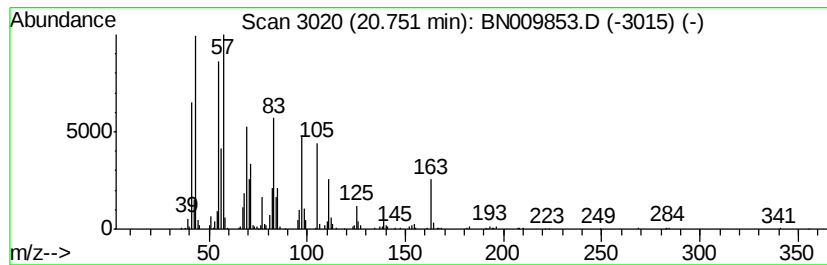
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	10.15 ng/ul	842190	Chrysene-d12	21.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	95
2		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
3		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
4		1-Heneicosanol	312	C21H44O	015594-90-8	91
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	91



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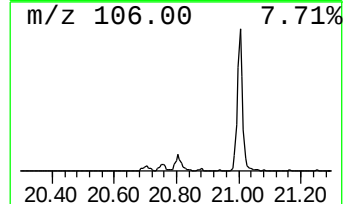
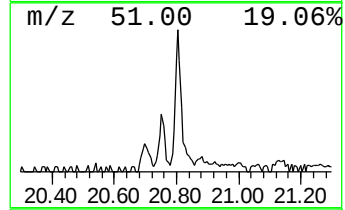
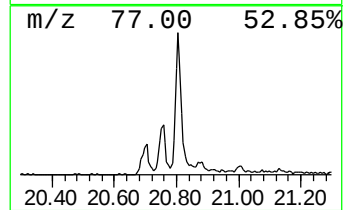
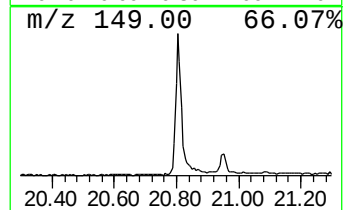
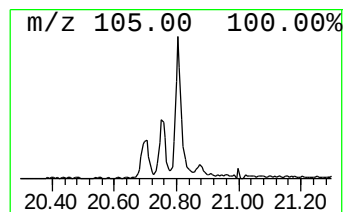
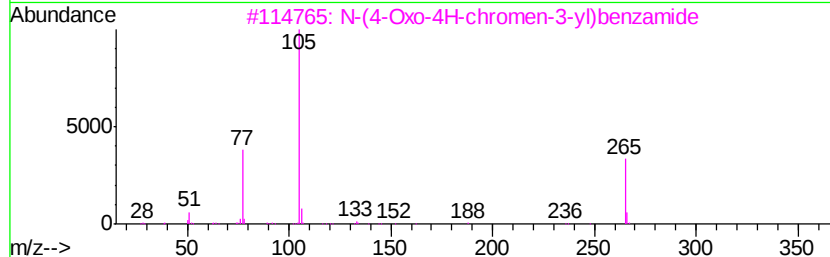
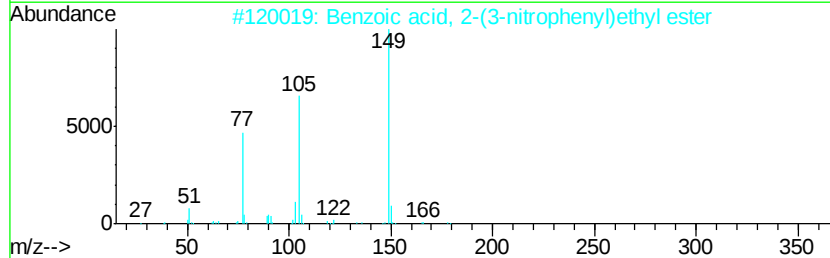
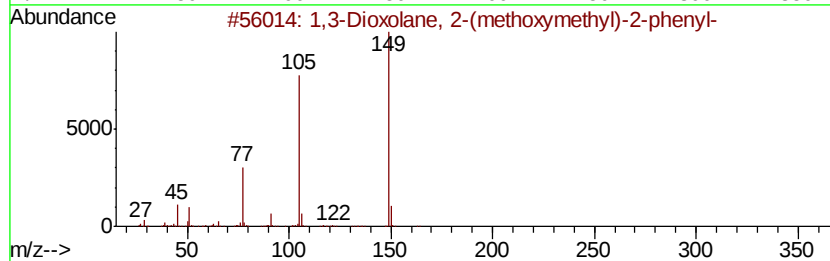
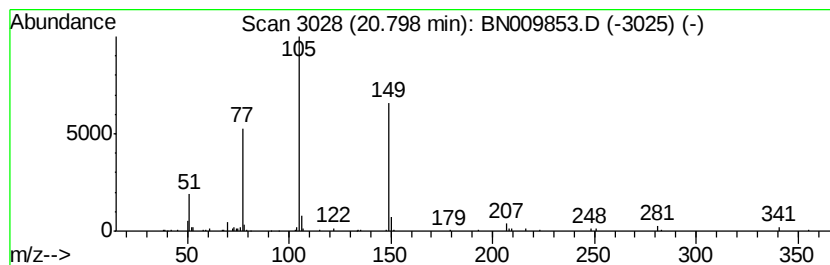
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1,3-Dioxolane, 2-(methoxyme... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	2.55 ng/ul	211512	Chrysene-d12	21.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	78
2		Benzoic acid, 2-(3-nitrophenyl)e...	271	C15H13NO4	1000368-22-4	59
3		N-(4-Oxo-4H-chromen-3-yl)benzamide	265	C16H11NO3	1000243-49-5	47
4		2-Propen-1-one, 1,2-diphenyl-	208	C15H12O	004452-11-3	47
5		2'-Trifluoromethylbenzanilide	265	C14H10F3NO	001939-24-8	47



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DBD73

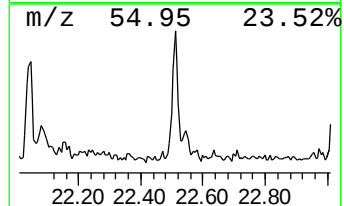
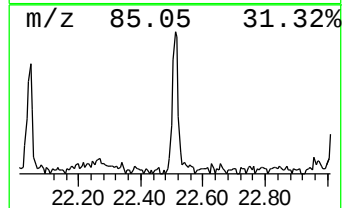
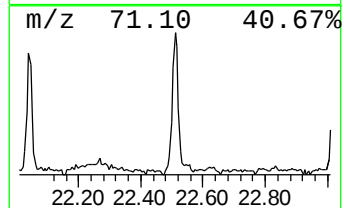
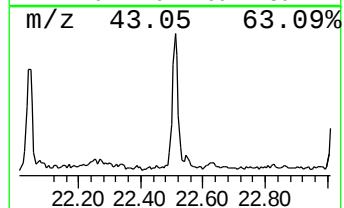
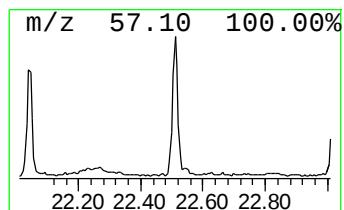
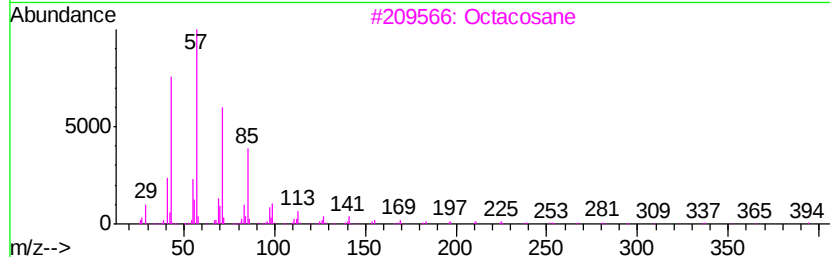
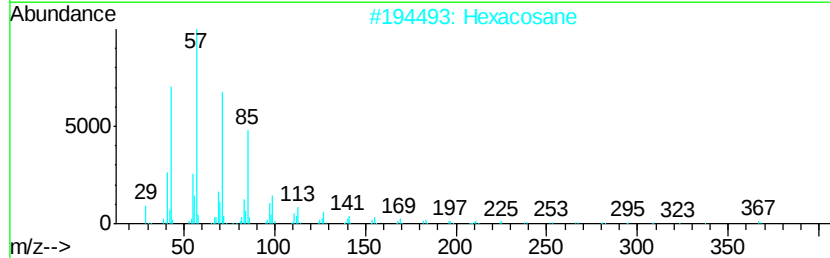
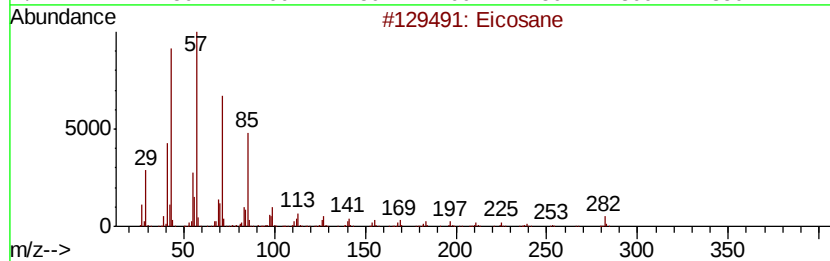
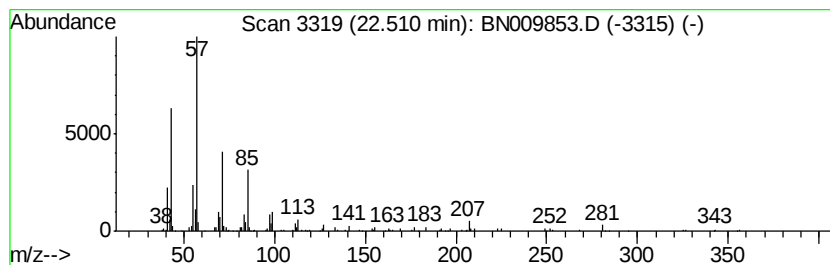
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.51	2.27 ng/ul	192174	Perylene-d12	23.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	76
2	Hexacosane			366	C26H54	000630-01-3	76
3	Octacosane			394	C28H58	000630-02-4	76
4	Eicosane			282	C20H42	000112-95-8	74
5	Pentadecane			212	C15H32	000629-62-9	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022220\
Data File : BN009853.D
Acq On : 22 Feb 2020 19:33
Operator : CG/JU
Sample : L1516-15
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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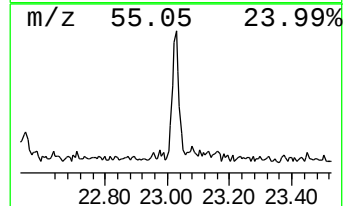
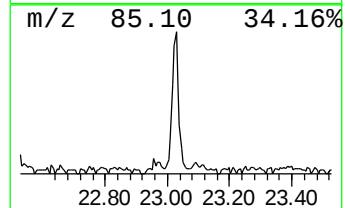
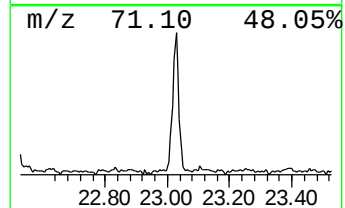
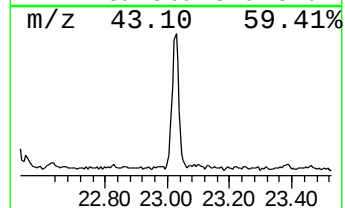
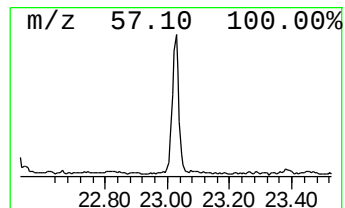
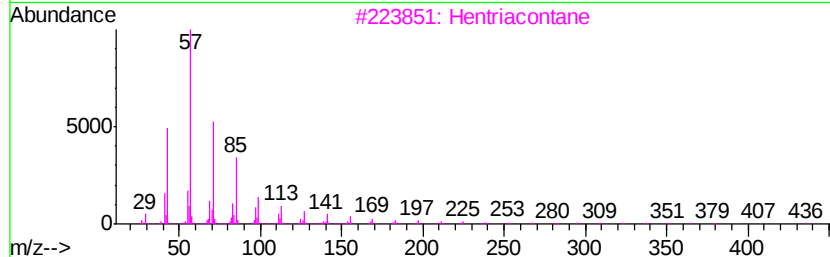
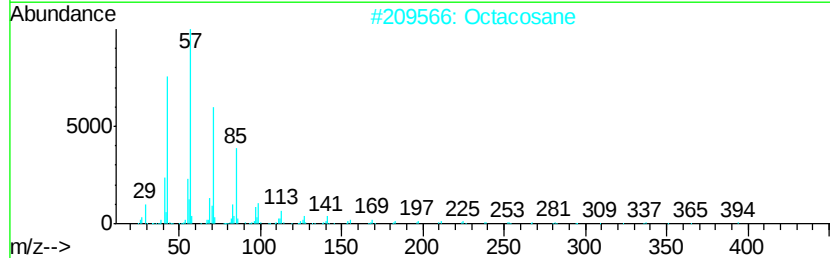
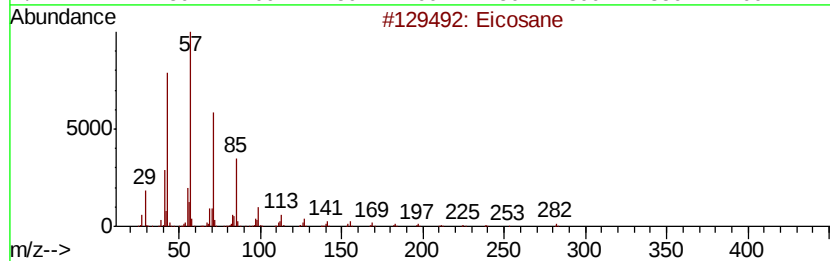
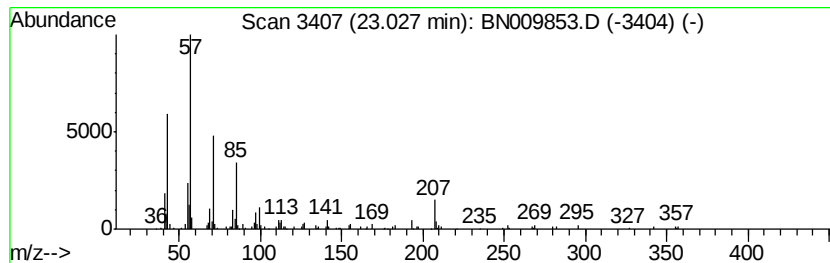
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.03	2.75 ng/ul	232100	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Octacosane	394	C28H58	000630-02-4	76
3		Hentriacontane	437	C31H64	000630-04-6	68
4		Hexadecane	226	C16H34	000544-76-3	64
5		Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009853.D
Acq On : 22 Feb 2020 19:33
Operator : CG/JU
Sample : L1516-15
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBD73

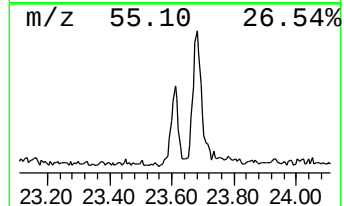
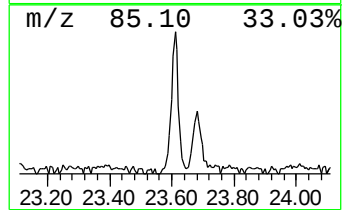
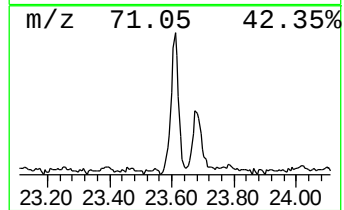
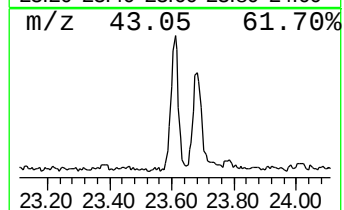
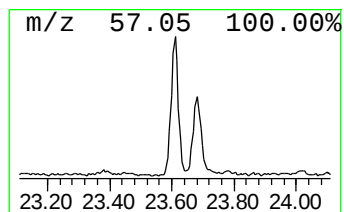
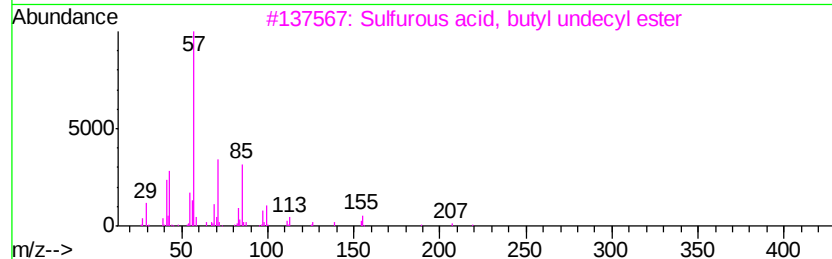
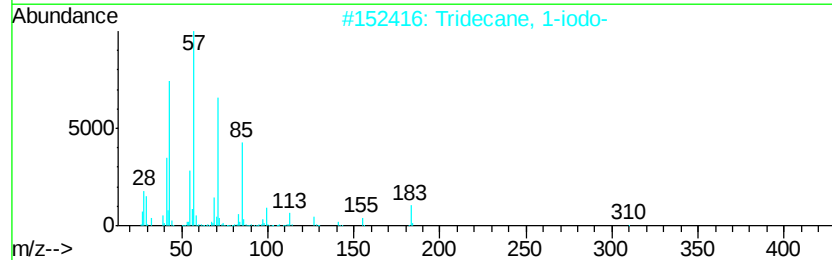
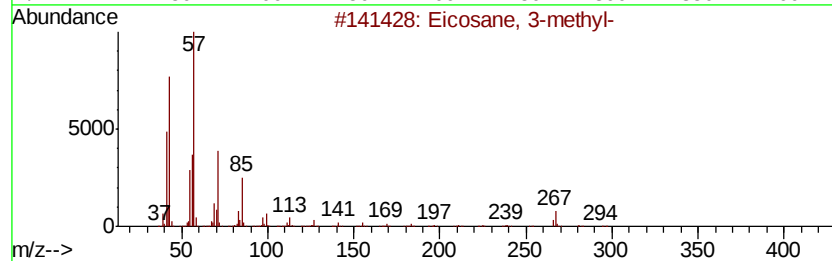
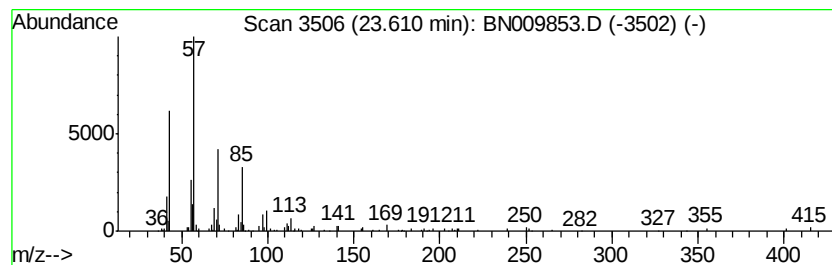
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.61	2.55 ng/ul	215930	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 3-methyl-	296	C21H44	006418-46-8	80
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
3		Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	80
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80
5		Eicosane	282	C20H42	000112-95-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022220\
Data File : BN009853.D
Acq On : 22 Feb 2020 19:33
Operator : CG/JU
Sample : L1516-15
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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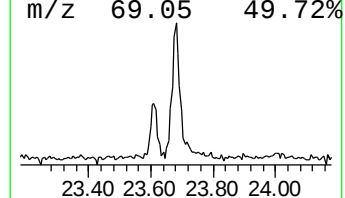
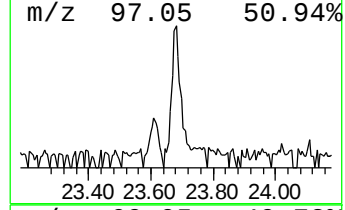
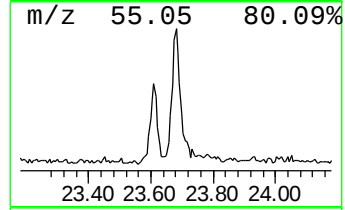
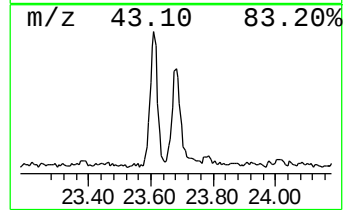
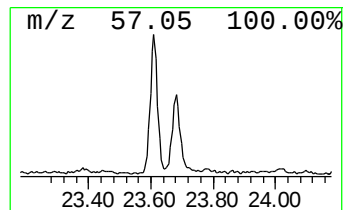
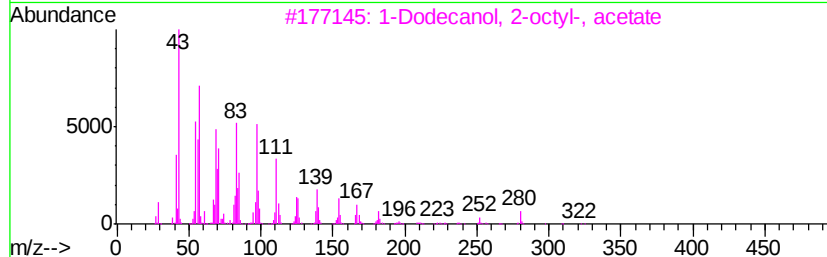
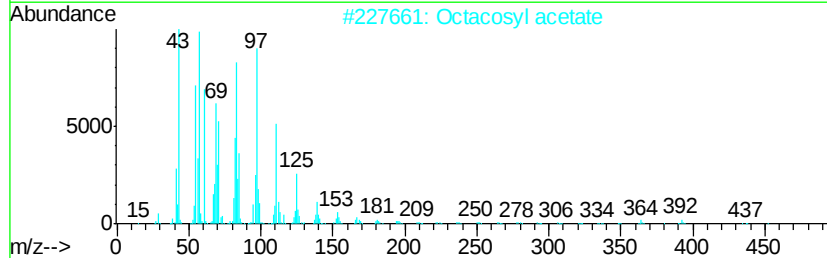
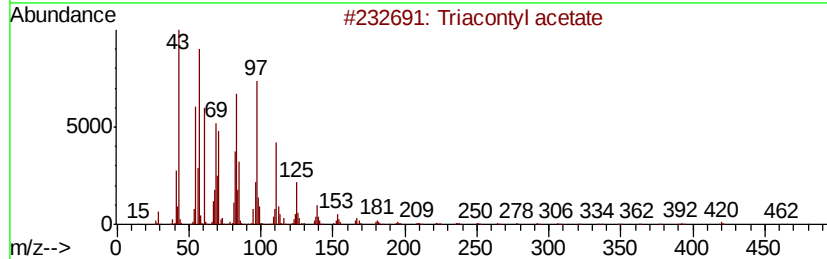
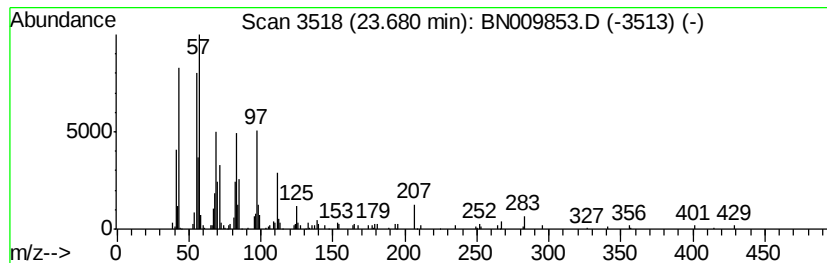
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Triacontyl acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.68	3.49 ng/ul	294653	Perylene-d12	23.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Triacontyl acetate	480	C32H64O2	041755-58-2	87
2		Octacosyl acetate	452	C30H60O2	018206-97-8	86
3		1-Dodecanol, 2-octyl-, acetate	340	C22H44O2	074051-84-6	80
4		1-Docosene	308	C22H44	001599-67-3	76
5		1-Octadecene	252	C18H36	000112-88-9	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022220\
Data File : BN009853.D
Acq On : 22 Feb 2020 19:33
Operator : CG/JU
Sample : L1516-15
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBD73

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.72	4.8	ng/ul	367081	4	16.79	1528630	20.0
(DEL) Alkane: Str...	20.75	10.2	ng/ul	842190	5	21.00	1659460	20.0
1,3-Dioxolane, 2-...	20.80	2.5	ng/ul	211512	5	21.00	1659460	20.0
(DEL) Alkane: Str...	22.51	2.3	ng/ul	192174	6	23.10	1690730	20.0
(DEL) Alkane: Str...	23.03	2.8	ng/ul	232100	6	23.10	1690730	20.0
(DEL) Alkane: Str...	23.61	2.5	ng/ul	215930	6	23.10	1690730	20.0
Triacontyl acetate	23.68	3.5	ng/ul	294653	6	23.10	1690730	20.0