

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
 Data File : BM027230.D
 Acq On : 26 Aug 2020 02:12
 Operator : JU/CG
 Sample : L3613-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBFQ1

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_M\METHODS\SOM-EPA-BM082520MA.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	3.157	25	29	38	rVB2	27302	41786	0.97%	0.094%
2	3.563	95	98	103	rVB5	8484	10239	0.24%	0.023%
3	3.657	109	114	119	rVB	26288	35171	0.82%	0.079%
4	3.728	123	126	130	rVB5	4589	6377	0.15%	0.014%
5	3.781	130	135	145	rVB	24823	40660	0.95%	0.091%
6	3.875	147	151	158	rVB3	10978	12973	0.30%	0.029%
7	4.763	297	302	310	rVB	22168	34120	0.80%	0.077%
8	4.863	317	319	324	rVB4	4083	5930	0.14%	0.013%
9	5.351	399	402	409	rVB8	3441	5465	0.13%	0.012%
10	6.310	558	565	569	rBV8	2428	4972	0.12%	0.011%
11	6.475	590	593	601	rBV8	3371	6076	0.14%	0.014%
12	6.628	612	619	623	rBV9	2753	5856	0.14%	0.013%
13	6.781	638	645	655	rBV	553403	872193	20.33%	1.960%
14	6.939	664	672	682	rBV	440379	678790	15.82%	1.525%
15	7.134	698	705	714	rBV	579506	915352	21.34%	2.057%
16	7.216	714	719	729	rBV	126626	214300	5.00%	0.482%
17	7.598	777	784	792	rVB	593444	886590	20.67%	1.992%
18	7.681	792	798	801	rBV8	4435	6816	0.16%	0.015%
19	8.304	897	904	914	rBV	536684	844889	19.70%	1.899%
20	8.416	919	923	929	rVB5	5191	9225	0.22%	0.021%
21	8.739	970	978	986	rBV	557482	885139	20.64%	1.989%
22	8.880	1000	1002	1006	rBV2	3212	4361	0.10%	0.010%
23	9.216	1055	1059	1064	rBV3	4150	7020	0.16%	0.016%
24	9.457	1093	1100	1107	rBV	473642	761647	17.76%	1.711%
25	9.998	1185	1192	1210	rBV	716539	1214157	28.31%	2.728%
26	10.369	1247	1255	1264	rBV	787090	1280286	29.85%	2.877%
27	10.504	1270	1278	1290	rBV	573860	1007710	23.49%	2.264%
28	10.892	1337	1344	1345	rBV6	4944	7036	0.16%	0.016%
29	11.010	1360	1364	1370	rVB7	3179	5375	0.13%	0.012%
30	11.198	1391	1396	1399	rBV5	2856	4522	0.11%	0.010%
31	11.963	1521	1526	1532	rVB	11750	18564	0.43%	0.042%
32	12.592	1630	1633	1641	rBV5	4575	8215	0.19%	0.018%
33	12.857	1673	1678	1684	rBV6	5526	7864	0.18%	0.018%
34	13.086	1712	1717	1719	rBV5	4107	5051	0.12%	0.011%

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35	13.151	1721	1728	1735	rVV	152120	240312	5.60%	0.540%
36	13.651	1806	1813	1818	rBV	1349867	1894408	44.17%	4.257%
37	13.698	1818	1821	1830	rVB	628707	812652	18.95%	1.826%
38	13.927	1852	1860	1872	rBV	1459663	2169018	50.57%	4.874%
39	14.168	1897	1901	1906	rBV5	4479	6154	0.14%	0.014%
40	14.239	1906	1913	1920	rBV	1281020	1896960	44.22%	4.263%
41	14.298	1920	1923	1927	rVV4	4367	5416	0.13%	0.012%
42	14.445	1941	1948	1962	rBV	558667	885064	20.63%	1.989%
43	14.598	1970	1974	1979	rVB5	5606	9660	0.23%	0.022%
44	14.662	1982	1985	1987	rBV3	4717	6258	0.15%	0.014%
45	14.904	2024	2026	2031	rVB3	3676	4516	0.11%	0.010%
46	15.068	2049	2054	2059	rBV4	8805	13116	0.31%	0.029%
47	15.127	2059	2064	2067	rVB6	3493	5076	0.12%	0.011%
48	15.233	2075	2082	2089	rBV	2004621	2753081	64.18%	6.186%
49	15.286	2089	2091	2097	rVV4	6761	10340	0.24%	0.023%
50	15.357	2097	2103	2116	rVV	605340	843298	19.66%	1.895%
51	15.474	2117	2123	2128	rVB	22440	35202	0.82%	0.079%
52	15.621	2145	2148	2154	rVB5	4203	6886	0.16%	0.015%
53	15.804	2175	2179	2187	rBV10	5855	15056	0.35%	0.034%
54	16.021	2212	2216	2222	rVB8	9982	17139	0.40%	0.039%
55	16.157	2233	2239	2241	rVB7	3968	6394	0.15%	0.014%
56	16.415	2280	2283	2287	rBV5	5032	8625	0.20%	0.019%
57	16.539	2296	2304	2309	rBV	46194	66953	1.56%	0.150%
58	16.645	2317	2322	2323	rBV5	6424	9861	0.23%	0.022%
59	16.662	2323	2325	2330	rVB5	5268	6887	0.16%	0.015%
60	16.762	2337	2342	2347	rBV5	12043	21985	0.51%	0.049%
61	16.909	2363	2367	2372	rBV7	5073	7972	0.19%	0.018%
62	16.980	2373	2379	2384	rVV	1745232	2378421	55.45%	5.345%
63	17.021	2384	2386	2390	rVV	111784	139982	3.26%	0.315%
64	17.080	2390	2396	2406	rVV	2165316	2927079	68.24%	6.577%
65	17.186	2410	2414	2420	rVB6	11093	18326	0.43%	0.041%
66	17.345	2437	2441	2443	rBV6	6161	8153	0.19%	0.018%
67	17.386	2443	2448	2453	rVB4	20717	36983	0.86%	0.083%
68	17.509	2466	2469	2474	rVB6	5830	5774	0.13%	0.013%
69	17.686	2494	2499	2504	rBV7	8034	13860	0.32%	0.031%
70	17.780	2508	2515	2518	rBV9	17401	35439	0.83%	0.080%
71	17.856	2526	2528	2531	rVB	10118	10310	0.24%	0.023%

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72	17.903	2531	2536	2544	rBV	403424	574110	13.38%	1.290%
73	18.050	2557	2561	2565	rBV4	18485	26345	0.61%	0.059%
74	18.209	2584	2588	2593	rBV7	16215	30155	0.70%	0.068%
75	18.286	2597	2601	2605	rVB4	30786	44862	1.05%	0.101%
76	18.362	2611	2614	2617	rBV	16255	21556	0.50%	0.048%
77	18.398	2617	2620	2625	rVB2	29442	42322	0.99%	0.095%
78	18.474	2630	2633	2637	rVB6	9477	11837	0.28%	0.027%
79	18.574	2648	2650	2654	rBV5	6651	10867	0.25%	0.024%
80	18.780	2681	2685	2692	rBV6	39776	59803	1.39%	0.134%
81	18.850	2692	2697	2701	rBV7	19348	33481	0.78%	0.075%
82	18.921	2705	2709	2710	rBV3	16563	16152	0.38%	0.036%
83	19.015	2721	2725	2726	rBV	31187	37445	0.87%	0.084%
84	19.045	2726	2730	2740	rVB	368386	497653	11.60%	1.118%
85	19.192	2751	2755	2761	rBV2	115482	160797	3.75%	0.361%
86	19.268	2766	2768	2774	rVB2	31159	49930	1.16%	0.112%
87	19.380	2782	2787	2799	rVB	2943162	4289380	100.00%	9.639%
88	19.592	2821	2823	2827	rVB2	13841	12840	0.30%	0.029%
89	20.915	3044	3048	3059	rBV2	874758	1083687	25.26%	2.435%
90	21.180	3087	3093	3097	rBV	2344342	3111857	72.55%	6.993%
91	21.215	3097	3099	3106	rVB	189434	202446	4.72%	0.455%
92	22.709	3349	3353	3354	rBV	196259	241956	5.64%	0.544%
93	23.221	3434	3440	3446	rBV	2068271	3578264	83.42%	8.041%
94	23.356	3457	3463	3481	rVB	1535141	2870139	66.91%	6.449%
95	23.915	3555	3558	3563	rVB	194797	306792	7.15%	0.689%

Sum of corrected areas: 44502019

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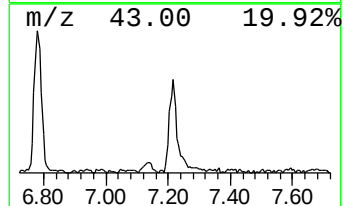
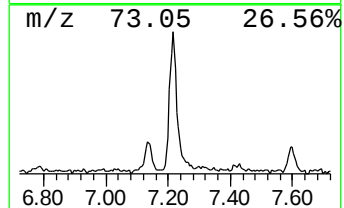
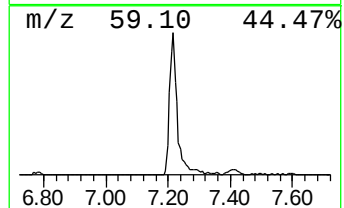
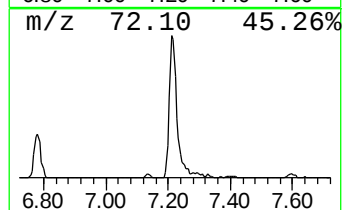
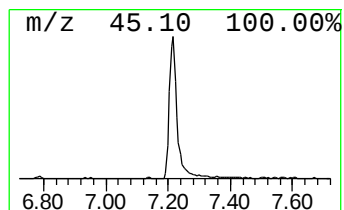
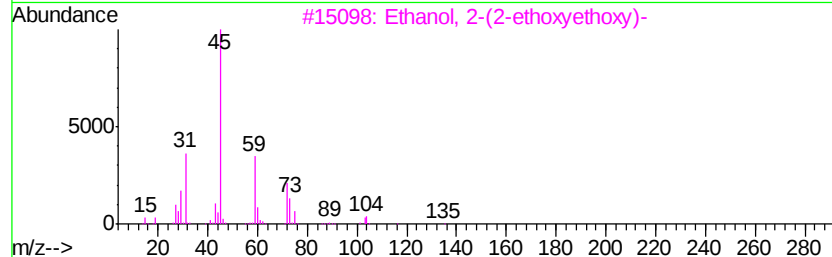
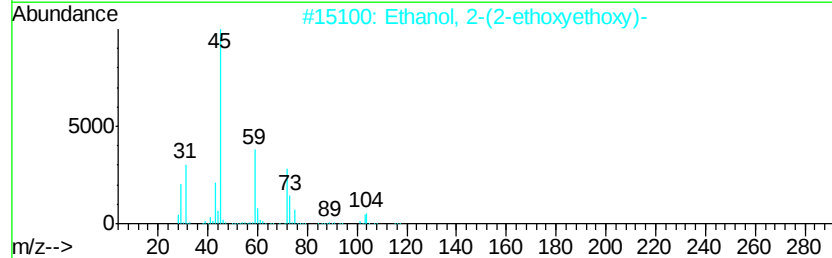
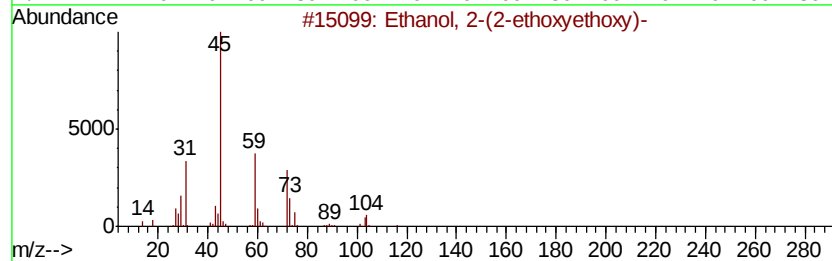
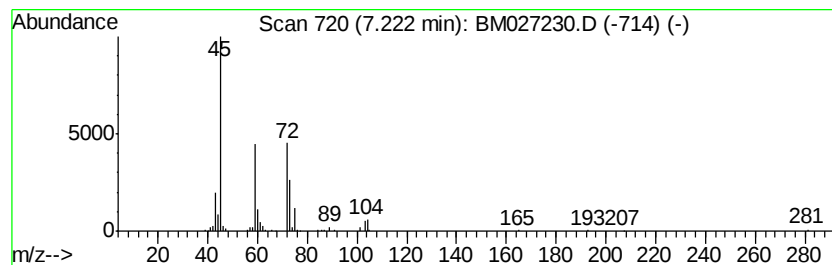
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	4.83 ng/ul	214300	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2		Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	72
3		Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	72
4		Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	64
5		Diethyl carbitol	162	C8H18O3	000112-36-7	59



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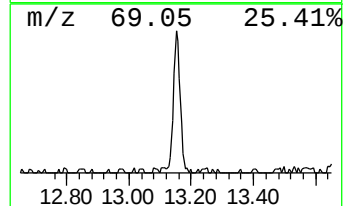
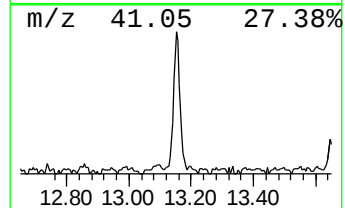
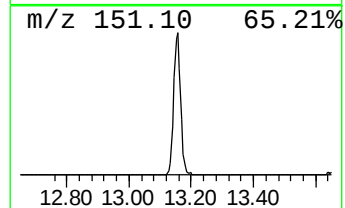
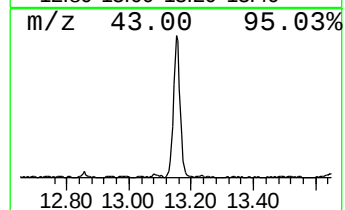
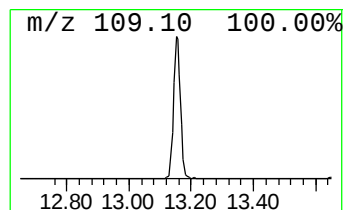
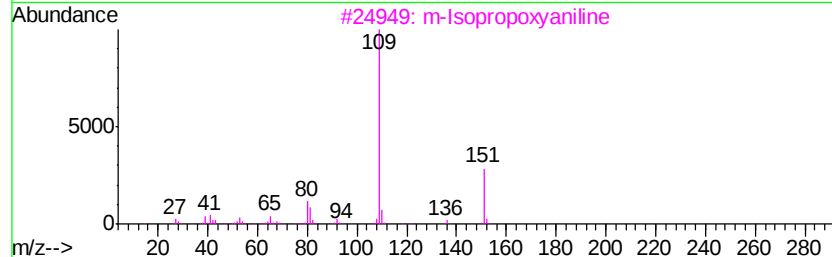
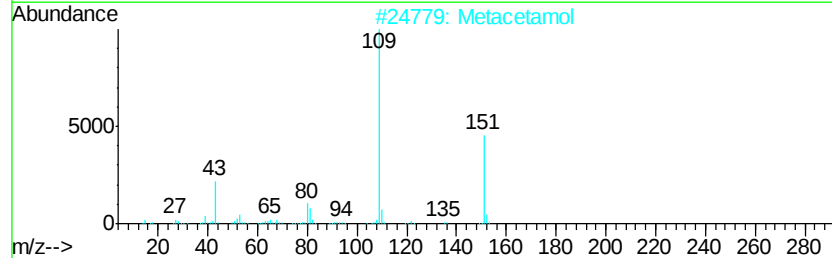
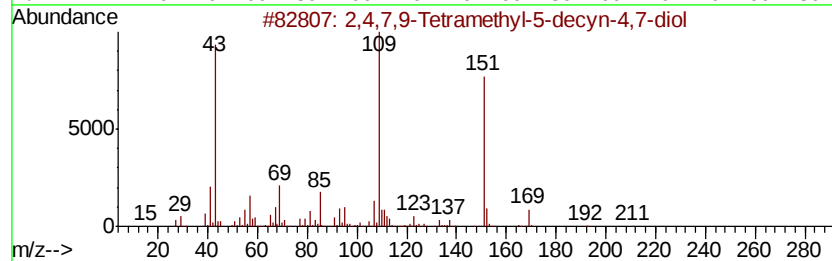
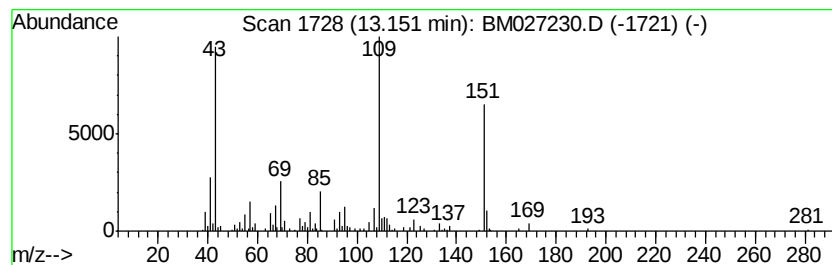
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	2.53 ng/ul	240312	Acenaphthene-d10	14.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90		
2	Metacetamol	151	C8H9NO2	000621-42-1	52		
3	m-Isopropoxvaniline	151	C9H13NO	041406-00-2	50		
4	Pvridine, 3-butyl-, 1-oxide	151	C9H13NO	031396-33-5	50		
5	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	47		



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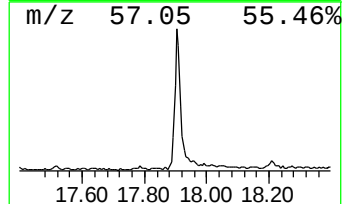
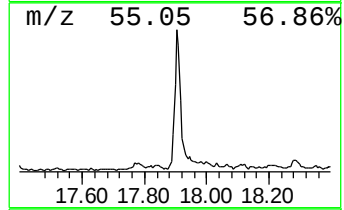
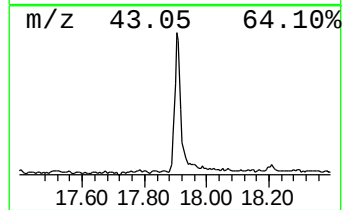
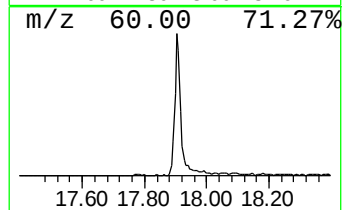
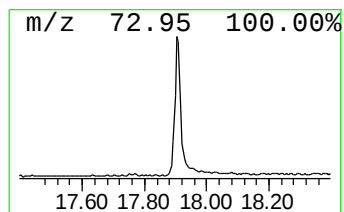
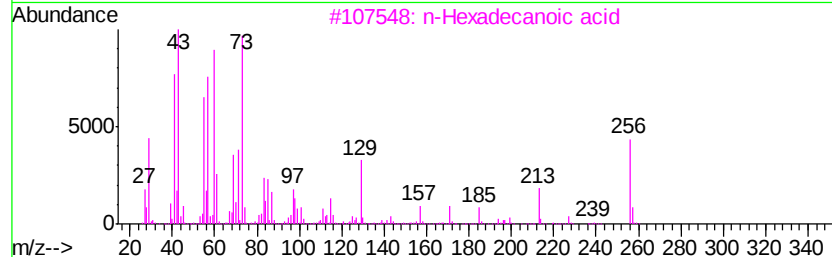
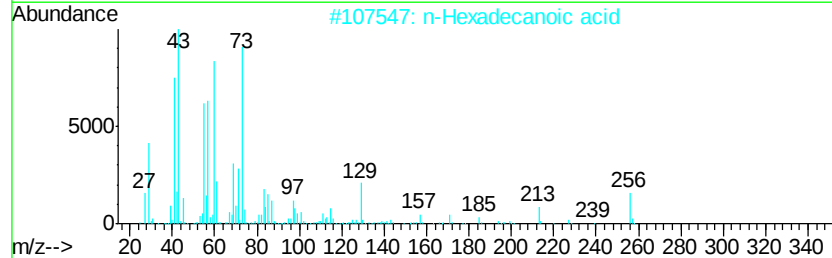
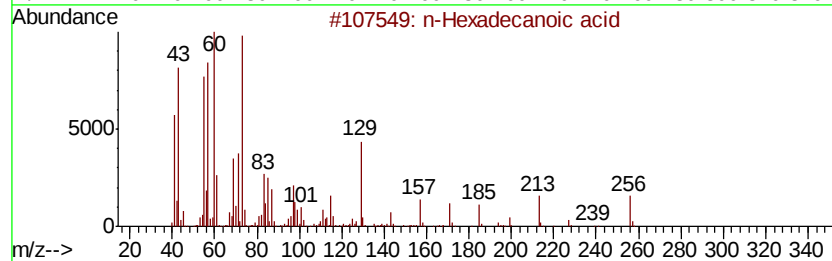
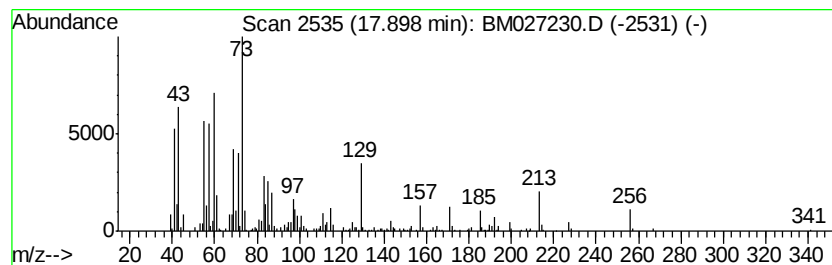
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.90	4.83 ng/ul	574110	Phenanthrene-d10		16.98	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	95
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	89
5	Octadecanoic acid		284	C18H36O2	000057-11-4	70



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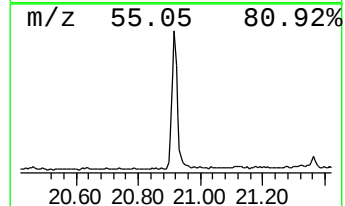
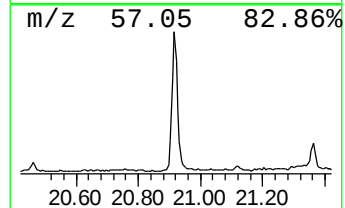
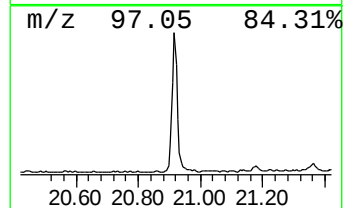
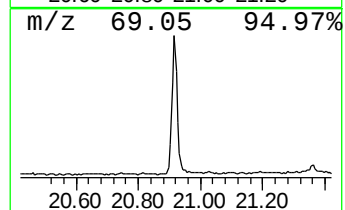
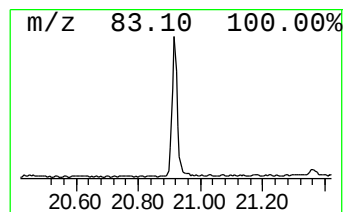
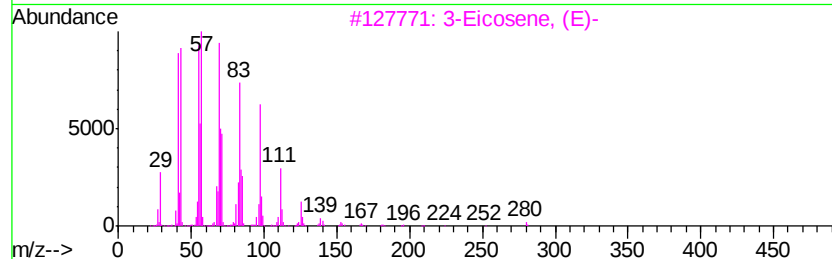
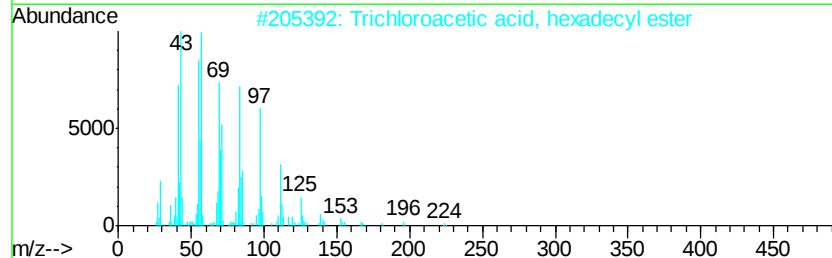
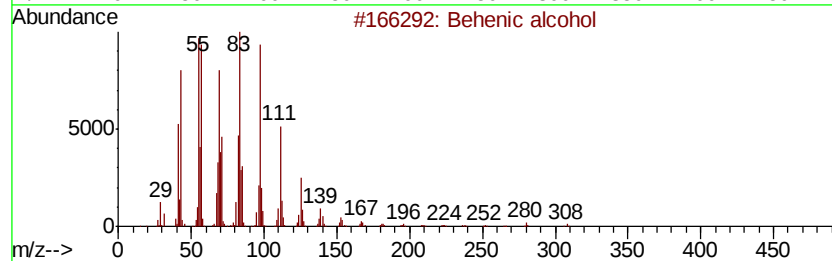
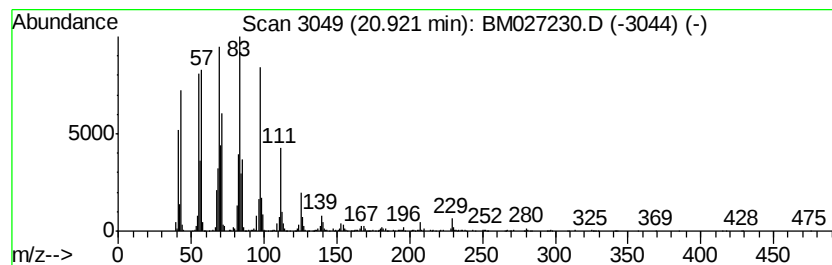
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	6.96 ng/ul	1083690	Chrysene-d12	21.18

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol		326	C22H46O	000661-19-8	92
2	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	91
3	3-Eicosene, (E)-		280	C20H40	074685-33-9	87
4	1-Docosene		308	C22H44	001599-67-3	81
5	3-Octadecene, (E)-		252	C18H36	007206-19-1	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
Data File : BM027230.D
Acq On : 26 Aug 2020 02:12
Operator : JU/CG
Sample : L3613-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBFQ1

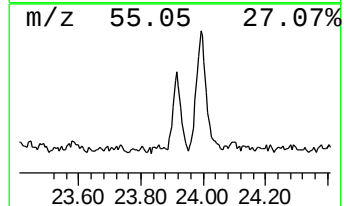
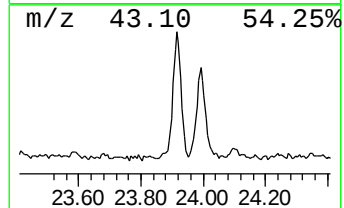
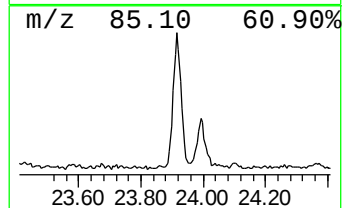
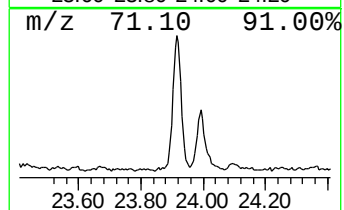
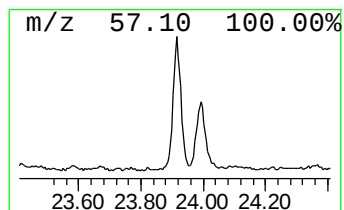
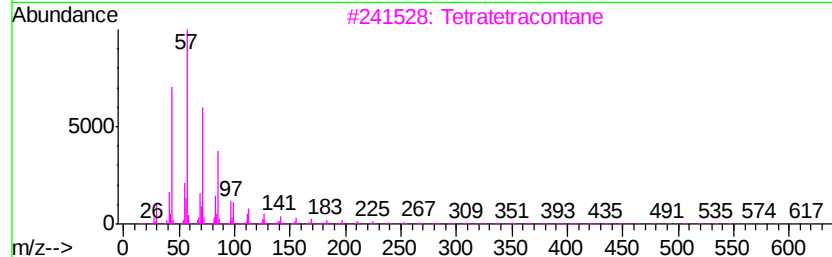
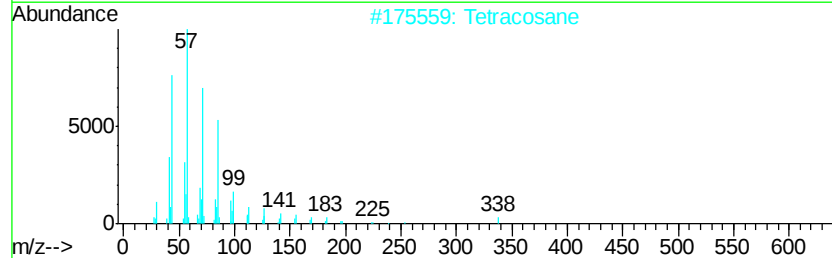
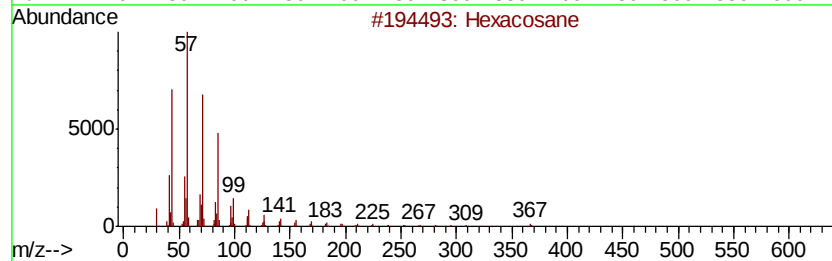
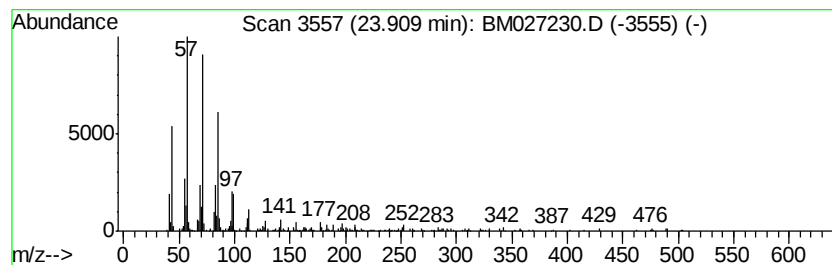
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.91	2.14 ng/ul	306792	Perylene-d12	23.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	83
2		Tetracosane	338	C24H50	000646-31-1	83
3		Tetratetracontane	619	C44H90	007098-22-8	80
4		Pentadecane	212	C15H32	000629-62-9	76
5		Heneicosane	296	C21H44	000629-94-7	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082520\
Data File : BM027230.D
Acq On : 26 Aug 2020 02:12
Operator : JU/CG
Sample : L3613-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBFQ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.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
Ethanol, 2-(2-eth...	7.22	4.8	ng/ul	214300	1	7.60	886590	20.0
2,4,7,9-Tetrameth...	13.15	2.5	ng/ul	240312	3	14.24	1896960	20.0
n-Hexadecanoic acid	17.90	4.8	ng/ul	574110	4	16.98	2378420	20.0
Behenic alcohol	20.92	7.0	ng/ul	1083690	5	21.18	3111860	20.0
(DEL) Alkane: Str...	23.91	2.1	ng/ul	306792	6	23.36	2870140	20.0