

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
 Data File : BM024574.D
 Acq On : 22 Jan 2020 10:36
 Operator : JU
 Sample : L1118-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GASJ4

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-BM011520MA.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	3.057	25	29	35	rBV	33695	44380	0.96%	0.088%
2	3.675	130	134	140	rVB4	9164	14288	0.31%	0.028%
3	3.763	144	149	150	rBV3	4077	5184	0.11%	0.010%
4	4.640	294	298	306	rBV3	7256	13597	0.29%	0.027%
5	6.645	632	639	654	rVB	632182	1058927	22.95%	2.098%
6	6.804	659	666	676	rBV	436107	672406	14.57%	1.332%
7	6.992	690	698	706	rBV	680501	1038087	22.50%	2.057%
8	7.451	770	776	785	rBV	671717	1009037	21.87%	1.999%
9	7.539	787	791	797	rVB2	16668	24770	0.54%	0.049%
10	8.163	890	897	907	rBV	832700	1270698	27.54%	2.517%
11	8.586	962	969	980	rBV	646077	1044588	22.64%	2.070%
12	8.781	999	1002	1005	rBV4	4402	5022	0.11%	0.010%
13	9.092	1052	1055	1064	rVB3	10832	13969	0.30%	0.028%
14	9.304	1084	1091	1099	rBV	581255	924671	20.04%	1.832%
15	9.839	1175	1182	1191	rBV	906505	1448067	31.38%	2.869%
16	10.210	1237	1245	1258	rBV	928207	1506370	32.65%	2.984%
17	10.351	1262	1269	1280	rBV	759702	1319911	28.60%	2.615%
18	11.810	1512	1517	1525	rVB4	13241	21675	0.47%	0.043%
19	13.339	1771	1777	1783	rBV3	20969	29793	0.65%	0.059%
20	13.521	1802	1808	1813	rBV	1700769	2305193	49.96%	4.567%
21	13.568	1813	1816	1825	rVB	251298	319456	6.92%	0.633%
22	13.786	1846	1853	1866	rVB	1869423	2685585	58.20%	5.321%
23	14.098	1900	1906	1914	rVV	1558262	2265290	49.09%	4.488%
24	14.310	1936	1942	1956	rBV	675969	1056448	22.89%	2.093%
25	14.533	1977	1980	1983	rBV2	14368	17418	0.38%	0.035%
26	14.951	2046	2051	2056	rBV5	3831	6896	0.15%	0.014%
27	15.010	2056	2061	2065	rBV5	4895	6671	0.14%	0.013%
28	15.104	2070	2077	2083	rBV	2356368	3398250	73.64%	6.733%
29	15.221	2091	2097	2108	rBV	732278	982190	21.29%	1.946%
30	15.339	2114	2117	2122	rVB	26110	33840	0.73%	0.067%
31	15.562	2151	2155	2163	rBV4	15053	18828	0.41%	0.037%
32	15.886	2204	2210	2215	rBV5	9268	18033	0.39%	0.036%
33	16.039	2230	2236	2240	rBV3	2673	6637	0.14%	0.013%
34	16.298	2276	2280	2287	rBV5	11780	15579	0.34%	0.031%

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35	16.627	2328	2336	2340	rBV	7012	12337	0.27%	0.024%
36	16.668	2340	2343	2348	rVB3	5308	7431	0.16%	0.015%
37	16.851	2367	2374	2380	rBV	2063306	2881442	62.44%	5.709%
38	16.945	2384	2390	2406	rVV	2648507	3754202	81.36%	7.438%
39	17.068	2406	2411	2414	rVV3	18422	21342	0.46%	0.042%
40	17.280	2442	2447	2452	rBV5	19343	27120	0.59%	0.054%
41	17.656	2508	2511	2518	rBV5	12548	18976	0.41%	0.038%
42	17.792	2529	2534	2541	rBV	480791	676056	14.65%	1.339%
43	18.098	2580	2586	2590	rBV8	7836	10738	0.23%	0.021%
44	18.227	2605	2608	2613	rVB5	16631	18956	0.41%	0.038%
45	18.462	2644	2648	2653	rBV4	7343	12810	0.28%	0.025%
46	18.656	2679	2681	2686	rVB5	7791	7553	0.16%	0.015%
47	18.739	2691	2695	2697	rBV5	6234	9155	0.20%	0.018%
48	18.762	2697	2699	2703	rVB5	6506	7060	0.15%	0.014%
49	18.886	2716	2720	2723	rBV2	29301	38363	0.83%	0.076%
50	18.927	2723	2727	2729	rVV4	16587	22075	0.48%	0.044%
51	18.956	2729	2732	2741	rVB8	25169	43457	0.94%	0.086%
52	19.086	2749	2754	2759	rBV	171166	250175	5.42%	0.496%
53	19.139	2760	2763	2767	rVB	30653	42051	0.91%	0.083%
54	19.250	2776	2782	2791	rBV	3539320	4614380	100.00%	9.142%
55	19.321	2792	2794	2798	rVB5	15112	17479	0.38%	0.035%
56	19.362	2798	2801	2802	rBV2	10893	10312	0.22%	0.020%
57	19.550	2831	2833	2837	rBV4	6048	7665	0.17%	0.015%
58	19.821	2875	2879	2883	rBV7	25515	35760	0.77%	0.071%
59	19.862	2883	2886	2890	rVV4	25392	28537	0.62%	0.057%
60	20.333	2964	2966	2968	rBV3	14127	14786	0.32%	0.029%
61	20.362	2968	2971	2974	rVB	45719	47608	1.03%	0.094%
62	20.462	2986	2988	2990	rBV3	14893	14747	0.32%	0.029%
63	20.815	3043	3048	3054	rBV	784554	1036688	22.47%	2.054%
64	21.056	3084	3089	3100	rBV	2722989	3297778	71.47%	6.533%
65	21.262	3121	3124	3130	rVB	134419	141869	3.07%	0.281%
66	21.686	3192	3196	3203	rBV	200542	263770	5.72%	0.523%
67	22.121	3267	3270	3275	rVB	200404	222830	4.83%	0.441%
68	22.238	3286	3290	3295	rBV	369791	440603	9.55%	0.873%
69	22.603	3348	3352	3356	rBV	207626	267936	5.81%	0.531%
70	23.038	3420	3426	3436	rVB	2254269	3747182	81.21%	7.424%
71	23.133	3438	3442	3443	rVV	212900	278811	6.04%	0.552%

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72	23.174	3443	3449	3461	rVB	1613895	2946529	63.86%	5.838%
73	23.732	3540	3544	3550	rVB2	182217	275946	5.98%	0.547%
74	23.803	3552	3556	3567	rVB7	146695	300957	6.52%	0.596%

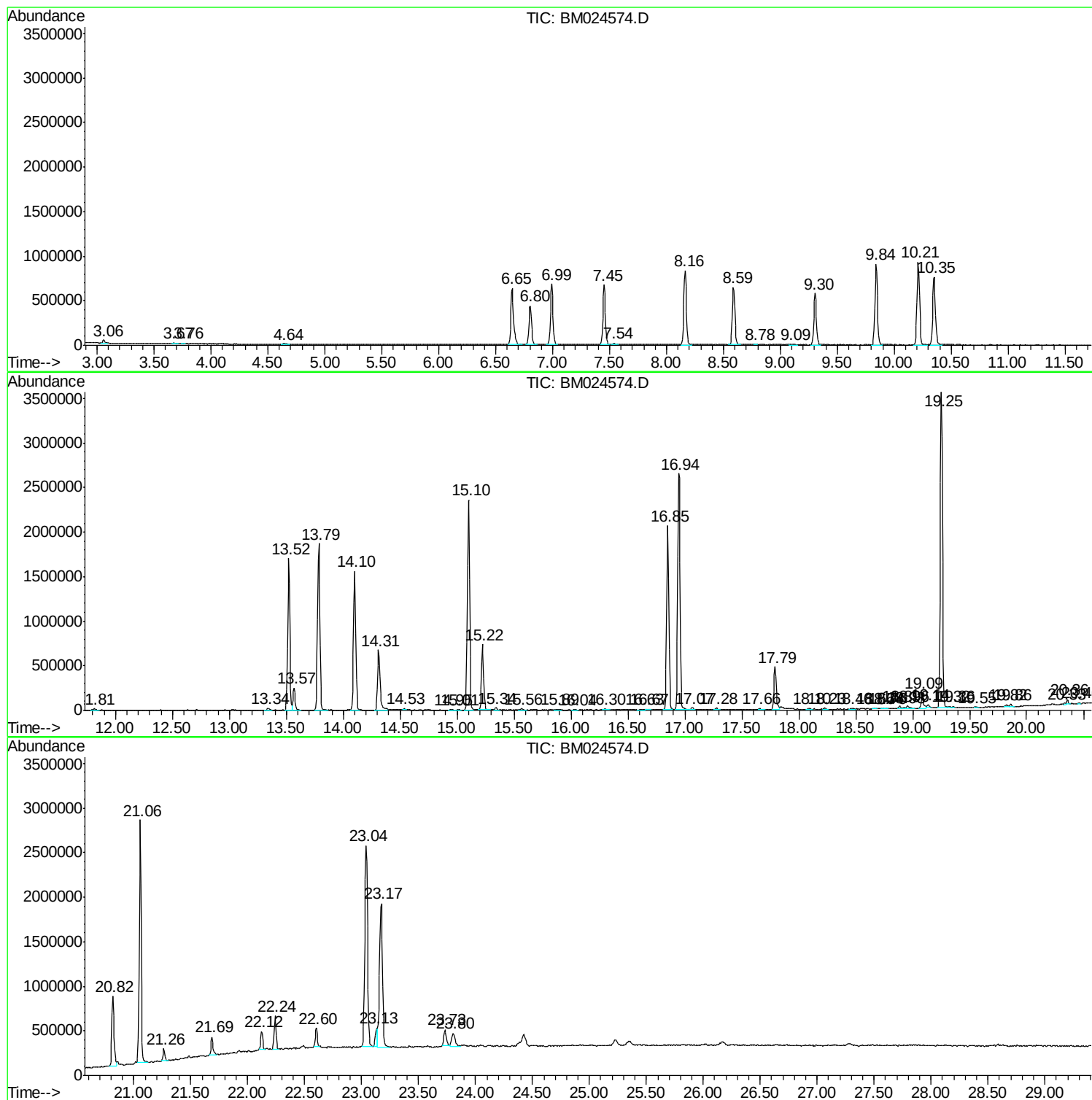
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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



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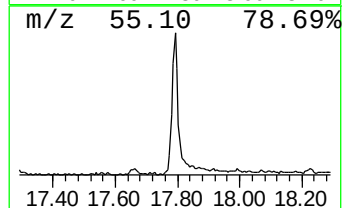
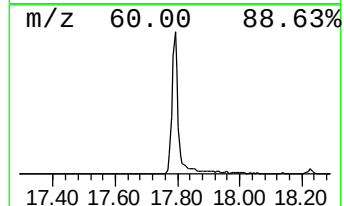
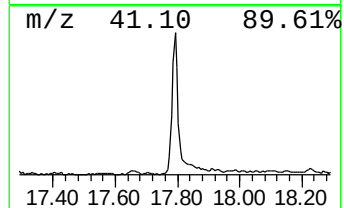
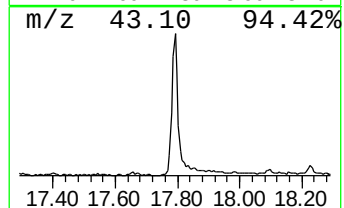
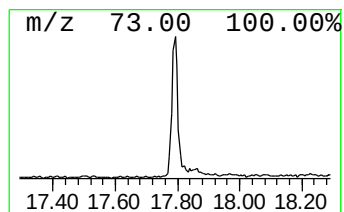
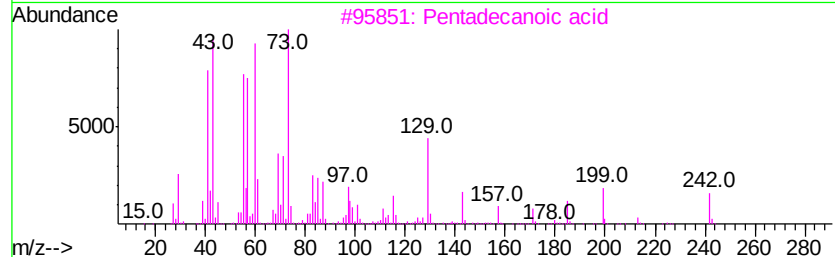
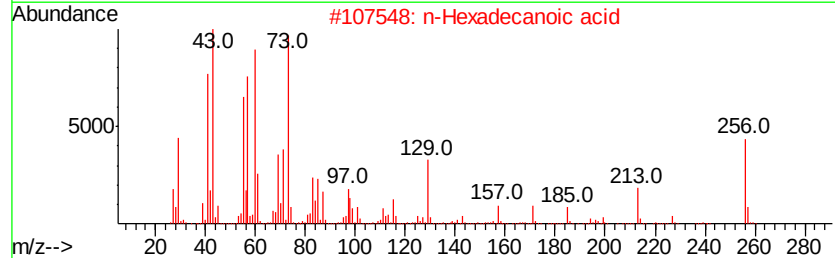
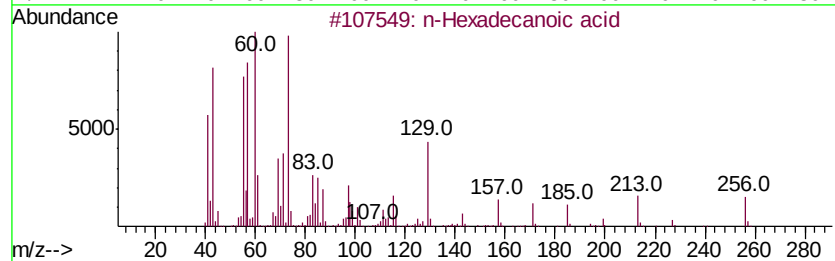
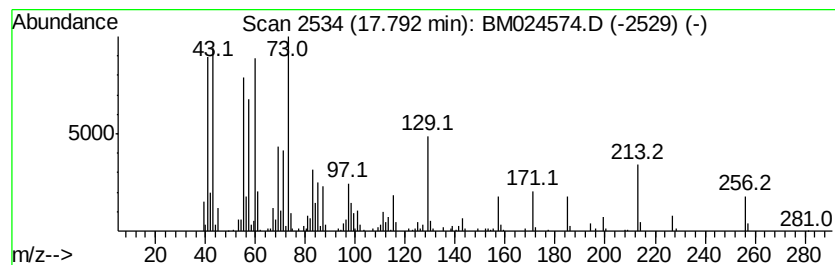
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.79	4.69 ng/ul	676056	Phenanthrene-d10		16.85	
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	96
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5		Tridecanoic acid	214	C13H26O2	000638-53-9	76



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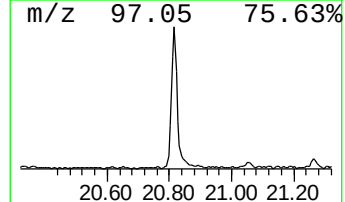
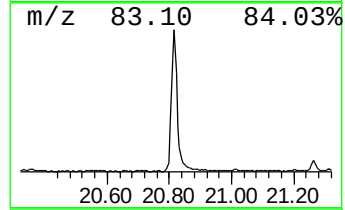
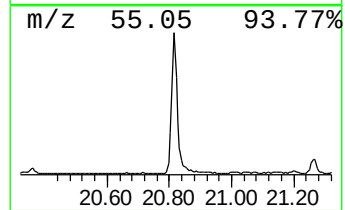
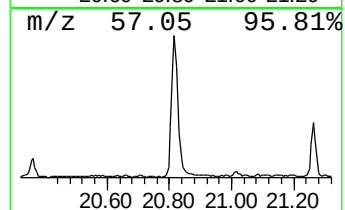
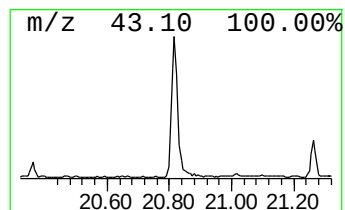
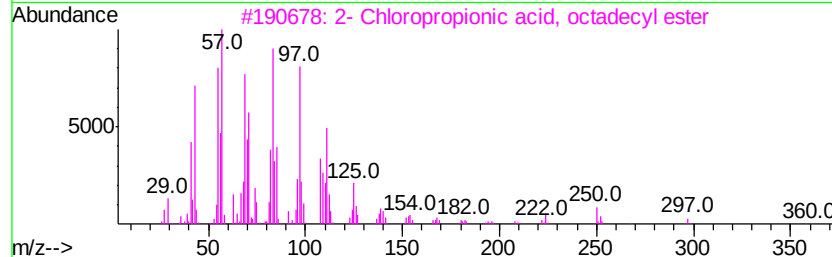
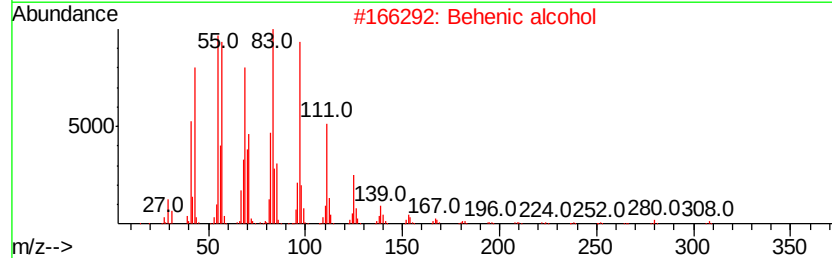
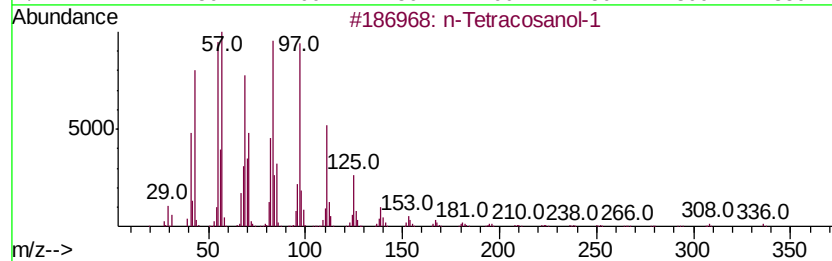
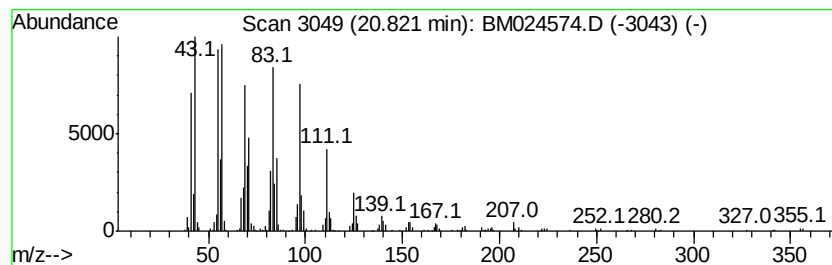
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
 Quant Title : SVOA CALIBRATION

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

 Peak Number 2 n-Tetracosanol-1 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.82	6.29 ng/ul	1036690	Chrysene-d12	21.06		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2		Behenic alcohol	326	C22H46O	000661-19-8	95
3		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
4		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94



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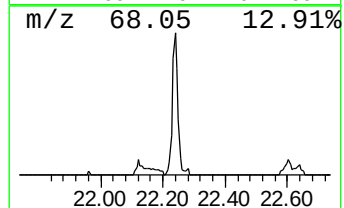
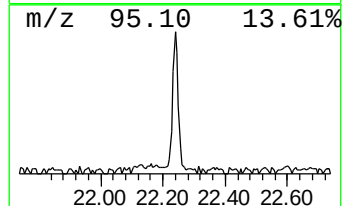
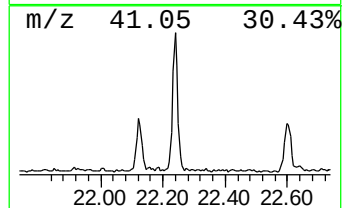
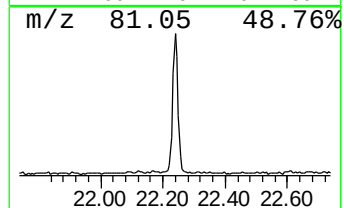
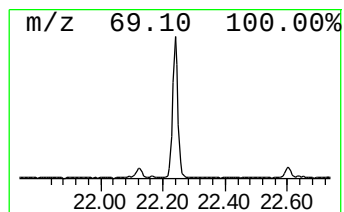
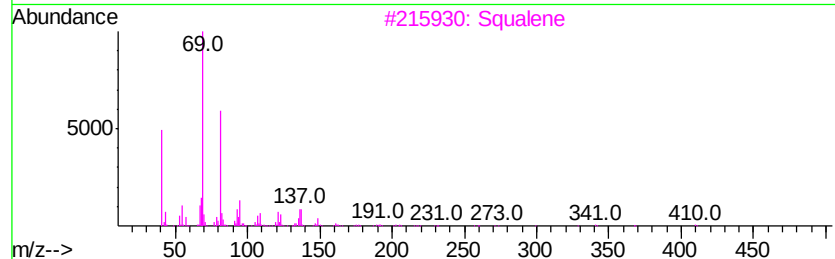
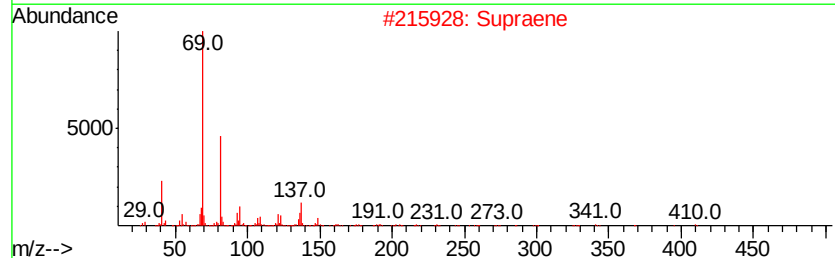
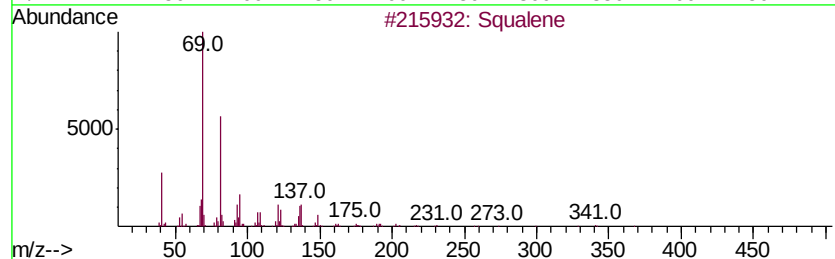
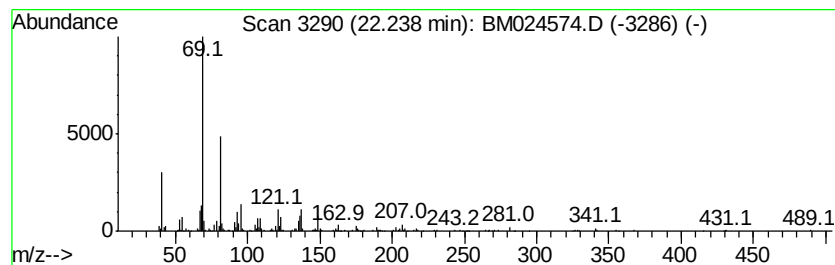
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.24	2.99 ng/ul	440603	Perylene-d12	23.17
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene		410 C30H50	000111-02-4 87
2	Supraene		410 C30H50	007683-64-9 87
3	Squalene		410 C30H50	000111-02-4 87
4	Squalene		410 C30H50	000111-02-4 80
5	Docosa-2,6,10,14,18-pentaen-22-a...		384 C27H44O	1000163-04-7 80



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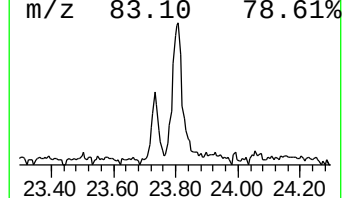
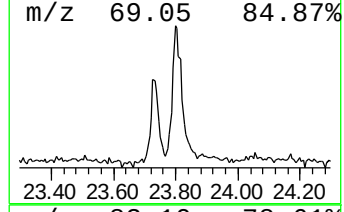
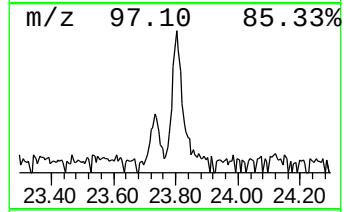
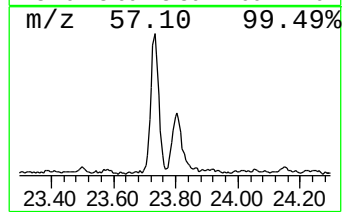
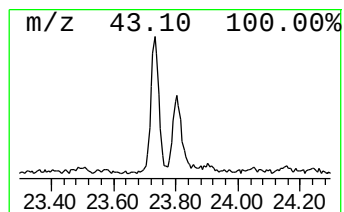
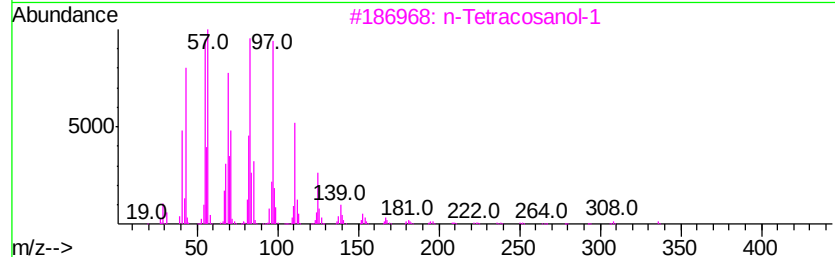
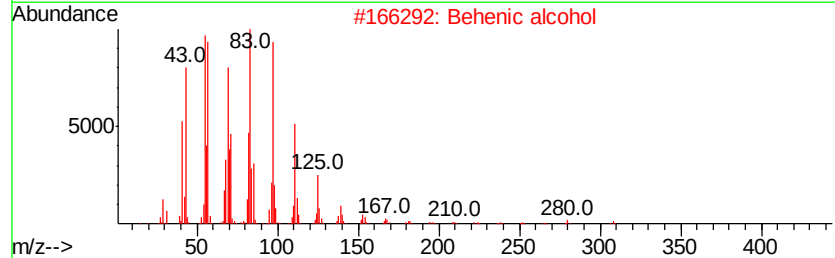
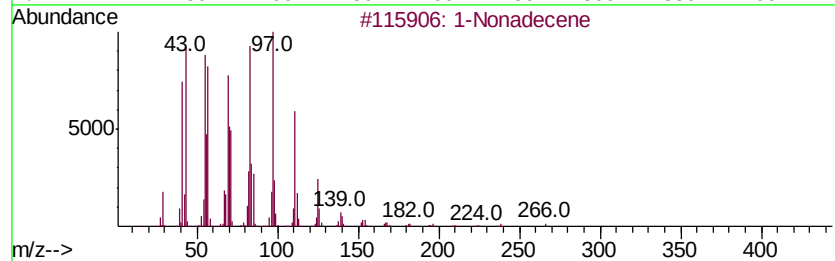
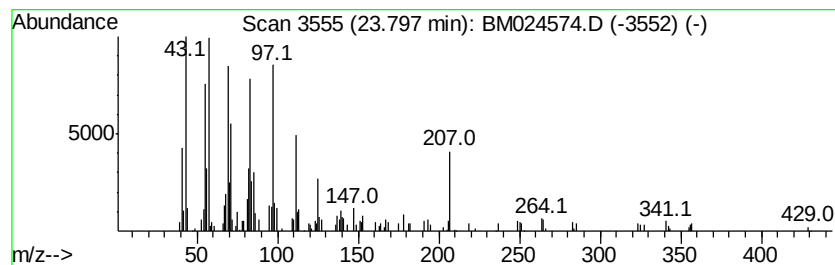
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 4 (DEL) Alkane: Cyclic23.80 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	2.04 ng/ul	300957	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	91
2		Behenic alcohol	326	C22H46O	000661-19-8	87
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	87
4		1-Heptacosanol	396	C27H56O	002004-39-9	81
5		1-Octadecene	252	C18H36	000112-88-9	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM012220\
Data File : BM024574.D
Acq On : 22 Jan 2020 10:36
Operator : JU
Sample : L1118-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GASJ4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.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	17.79	4.7	ng/ul	676056	4	16.85	2881440	20.0
n-Tetracosanol-1	20.82	6.3	ng/ul	1036690	5	21.06	3297780	20.0
Squalene	22.24	3.0	ng/ul	440603	6	23.17	2946530	20.0
(DEL) Alkane: Cyc...	23.80	2.0	ng/ul	300957	6	23.17	2946530	20.0