

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
 Data File : BM003041.D
 Acq On : 01 Nov 2015 23:13
 Operator : UM/IZ
 Sample : G4210-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC766

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.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	3.228	21	24	33	rVB	25197	35429	1.50%	0.104%
2	3.651	92	96	101	rVB	10651	13667	0.58%	0.040%
3	3.751	108	113	119	rBV	42519	55580	2.35%	0.163%
4	3.822	122	125	130	rVB2	7780	10106	0.43%	0.030%
5	3.969	146	150	156	rVB	12863	17885	0.76%	0.052%
6	4.887	299	306	312	rBV3	26056	41755	1.77%	0.122%
7	4.969	316	320	326	rBV3	5124	9064	0.38%	0.027%
8	6.922	646	652	664	rBV	409716	669324	28.30%	1.963%
9	7.098	676	682	691	rBV	361852	551169	23.31%	1.617%
10	7.292	709	715	724	rVB	433586	689687	29.16%	2.023%
11	7.763	789	795	803	rBV	534871	863741	36.52%	2.534%
12	8.463	907	914	924	rVB	413055	635766	26.88%	1.865%
13	8.922	985	992	1000	rVV	395342	633980	26.81%	1.860%
14	9.028	1003	1010	1018	rVB2	21480	34528	1.46%	0.101%
15	9.639	1107	1114	1121	rBV	314541	498530	21.08%	1.462%
16	9.857	1146	1151	1160	rBV	15652	23696	1.00%	0.070%
17	10.175	1197	1205	1215	rVB	542044	881068	37.26%	2.584%
18	10.557	1262	1270	1277	rBV	778993	1271351	53.76%	3.729%
19	10.692	1285	1293	1306	rBV	1160649	1944254	82.21%	5.703%
20	11.039	1347	1352	1358	rBV	15042	23468	0.99%	0.069%
21	12.145	1535	1540	1546	rBV2	8237	12707	0.54%	0.037%
22	12.668	1625	1629	1635	rBV2	8170	11377	0.48%	0.033%
23	12.763	1641	1645	1650	rVB2	7918	11061	0.47%	0.032%
24	13.016	1683	1688	1693	rVB	12466	17948	0.76%	0.053%
25	13.239	1722	1726	1729	rVB	5717	7556	0.32%	0.022%
26	13.815	1818	1824	1828	rBV	1025039	1387543	58.67%	4.070%
27	13.863	1828	1832	1841	rVB	707867	958890	40.55%	2.813%
28	14.098	1866	1872	1881	rVB	1081955	1602665	67.77%	4.701%
29	14.310	1902	1908	1913	rBV	48604	61983	2.62%	0.182%
30	14.410	1917	1925	1933	rBV2	1049728	1568205	66.31%	4.600%
31	14.592	1949	1956	1964	rVV	337454	467832	19.78%	1.372%
32	14.751	1979	1983	1989	rBV3	10538	20802	0.88%	0.061%
33	14.821	1989	1995	2000	rVV2	94909	137968	5.83%	0.405%
34	14.868	2000	2003	2008	rVV4	8603	14739	0.62%	0.043%

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 Title : SVOA CALIBRATION

35	14.933	2009	2014	2019	rVB4	13469	22290	0.94%	0.065%
36	14.998	2019	2025	2031	rBV2	8324	12924	0.55%	0.038%
37	15.151	2045	2051	2057	rBV6	4615	8996	0.38%	0.026%
38	15.210	2057	2061	2066	rVV2	11991	19937	0.84%	0.058%
39	15.262	2066	2070	2075	rVB	82805	101428	4.29%	0.298%
40	15.327	2075	2081	2085	rBV3	6380	11758	0.50%	0.034%
41	15.404	2087	2094	2100	rVV	1419859	2063126	87.24%	6.052%
42	15.457	2100	2103	2107	rVV3	10247	12560	0.53%	0.037%
43	15.515	2107	2113	2119	rVB	281503	387008	16.36%	1.135%
44	15.645	2129	2135	2137	rBV3	22920	36125	1.53%	0.106%
45	15.668	2137	2139	2143	rVV	23932	31002	1.31%	0.091%
46	15.709	2143	2146	2150	rVV4	5969	8959	0.38%	0.026%
47	15.762	2150	2155	2161	rVB3	9716	15437	0.65%	0.045%
48	15.821	2161	2165	2170	rBV3	11552	16814	0.71%	0.049%
49	15.886	2171	2176	2184	rBV4	11040	16226	0.69%	0.048%
50	16.092	2205	2211	2213	rBV4	6052	11425	0.48%	0.034%
51	16.127	2213	2217	2220	rBV	84476	111780	4.73%	0.328%
52	16.298	2242	2246	2250	rVB3	11361	13794	0.58%	0.040%
53	16.468	2270	2275	2278	rBV	11694	18948	0.80%	0.056%
54	16.551	2283	2289	2293	rVV3	25662	41625	1.76%	0.122%
55	16.586	2293	2295	2298	rVV2	8444	8847	0.37%	0.026%
56	16.633	2298	2303	2309	rVV3	8974	16616	0.70%	0.049%
57	16.698	2309	2314	2318	rVV	31345	40914	1.73%	0.120%
58	16.809	2329	2333	2340	rVB4	7999	10980	0.46%	0.032%
59	16.915	2347	2351	2357	rVV2	56143	75895	3.21%	0.223%
60	16.968	2357	2360	2366	rVB2	17756	26593	1.12%	0.078%
61	17.151	2385	2391	2396	rBV	1195160	1692641	71.57%	4.965%
62	17.192	2396	2398	2402	rVV	81808	100281	4.24%	0.294%
63	17.251	2402	2408	2421	rVB	1424429	2035850	86.09%	5.972%
64	17.439	2436	2440	2445	rBV	14746	20415	0.86%	0.060%
65	17.486	2445	2448	2452	rVB2	9747	10410	0.44%	0.031%
66	17.533	2452	2456	2458	rBV4	4596	6875	0.29%	0.020%
67	17.656	2473	2477	2482	rVB2	19145	24188	1.02%	0.071%
68	17.945	2519	2526	2530	rBV4	9831	17722	0.75%	0.052%
69	18.045	2534	2543	2553	rVV2	103481	181440	7.67%	0.532%
70	18.121	2553	2556	2560	rVV	16090	22278	0.94%	0.065%
71	18.156	2560	2562	2567	rVV6	5259	8003	0.34%	0.023%

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72	18.221	2569	2573	2577	rVV3	11685	23841	1.01%	0.070%
73	18.256	2577	2579	2584	rVB4	7582	8637	0.37%	0.025%
74	18.350	2591	2595	2600	rBV5	9960	15112	0.64%	0.044%
75	18.562	2628	2631	2636	rVB5	8445	12282	0.52%	0.036%
76	18.756	2660	2664	2668	rBV2	18882	24862	1.05%	0.073%
77	18.803	2668	2672	2679	rVB4	29820	42427	1.79%	0.124%
78	18.903	2685	2689	2692	rBV2	10161	13039	0.55%	0.038%
79	19.086	2717	2720	2725	rVB2	5068	6761	0.29%	0.020%
80	19.209	2737	2741	2749	rVB	136907	183981	7.78%	0.540%
81	19.333	2757	2762	2775	rBV	106240	161688	6.84%	0.474%
82	19.433	2776	2779	2781	rBV	9507	11954	0.51%	0.035%
83	19.545	2792	2798	2812	rBV	1550585	2364866	100.00%	6.937%
84	19.756	2829	2834	2837	rBV	8088	12513	0.53%	0.037%
85	19.886	2852	2856	2859	rBV	473038	533273	22.55%	1.564%
86	19.927	2859	2863	2872	rVB	844078	959692	40.58%	2.815%
87	20.068	2883	2887	2891	rVB4	11661	15527	0.66%	0.046%
88	20.862	3018	3022	3025	rBV	185933	214211	9.06%	0.628%
89	20.897	3025	3028	3035	rVB	333697	364439	15.41%	1.069%
90	21.050	3051	3054	3061	rVB3	86794	108386	4.58%	0.318%
91	21.256	3086	3089	3093	rVB	84749	98510	4.17%	0.289%
92	21.339	3097	3103	3108	rVV	1504229	1982443	83.83%	5.815%
93	21.374	3108	3109	3115	rVB	64436	57384	2.43%	0.168%
94	21.738	3167	3171	3173	rBV	67412	86089	3.64%	0.253%
95	21.768	3173	3176	3184	rVB	109599	139398	5.89%	0.409%
96	22.362	3274	3277	3280	rVB	27938	31081	1.31%	0.091%
97	22.715	3335	3337	3342	rVB2	56945	70035	2.96%	0.205%
98	22.921	3368	3372	3377	rBV2	50385	98829	4.18%	0.290%
99	23.462	3457	3464	3479	rVB	1108550	2157594	91.24%	6.329%
100	23.609	3482	3489	3504	rVB	953060	1844507	78.00%	5.411%

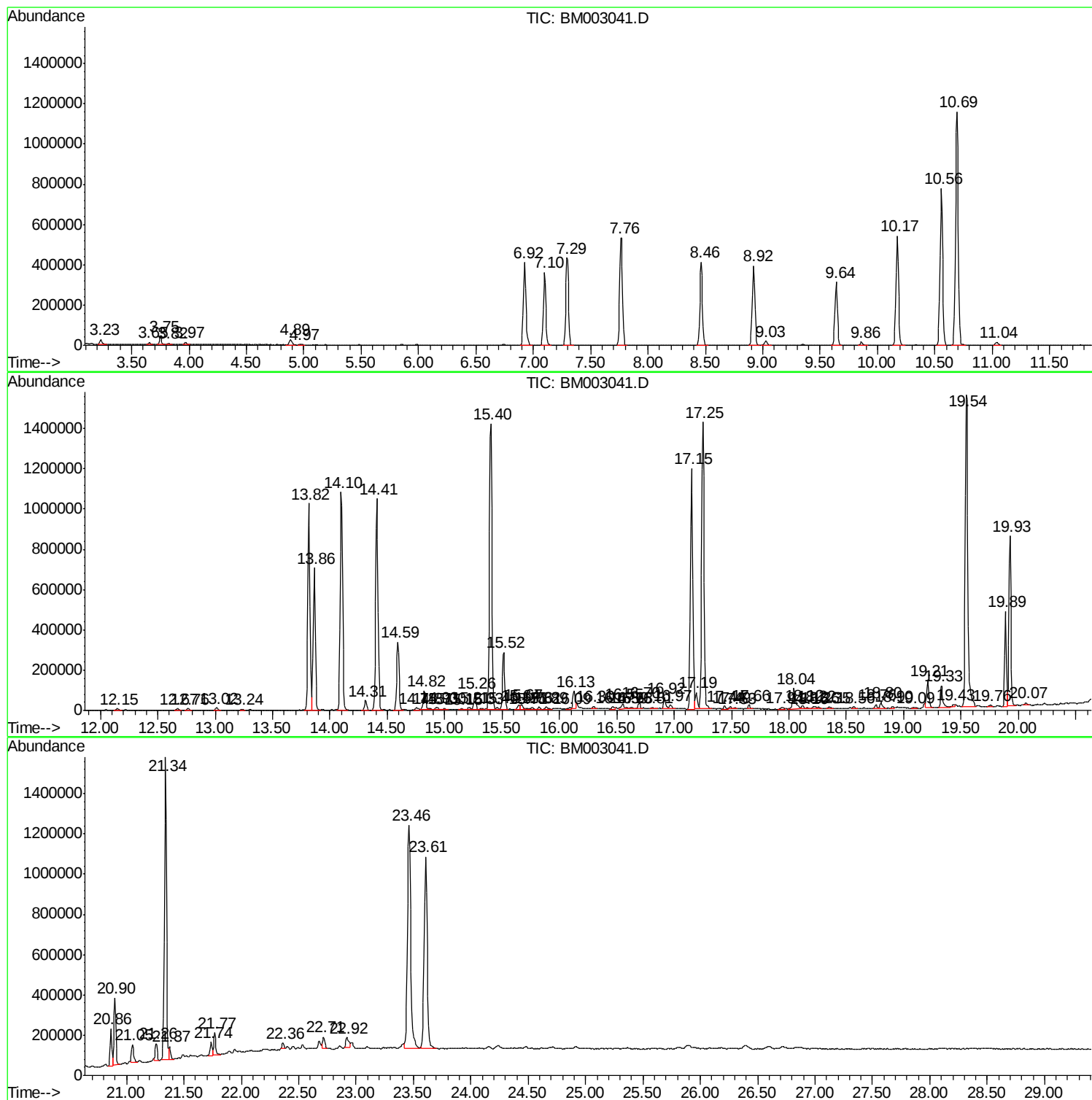
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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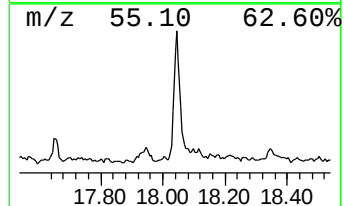
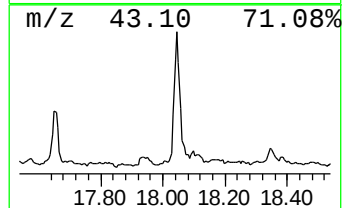
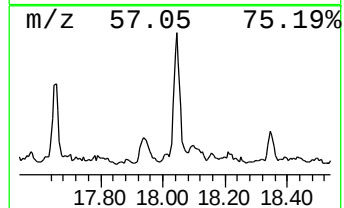
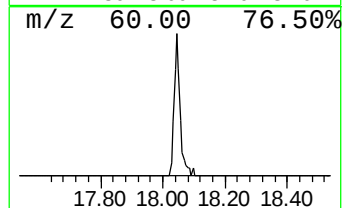
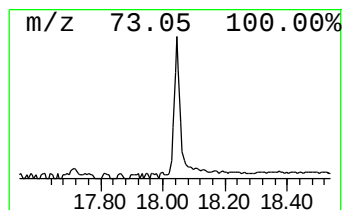
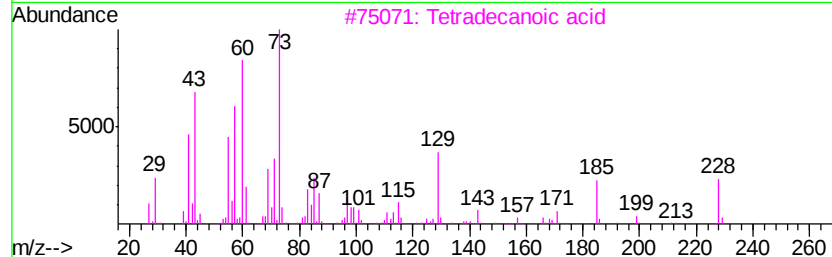
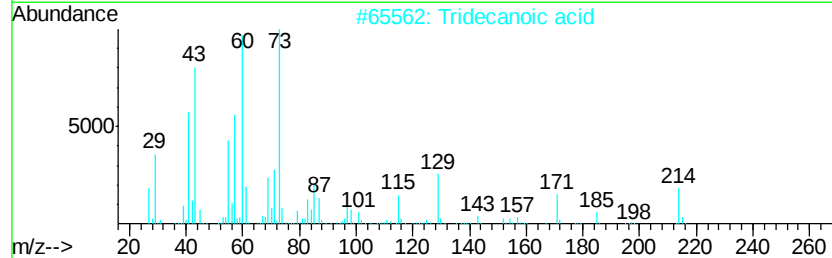
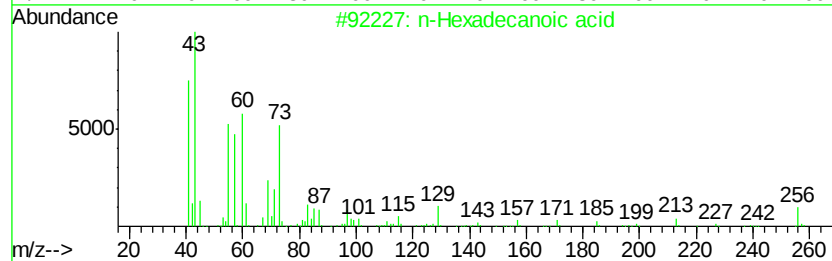
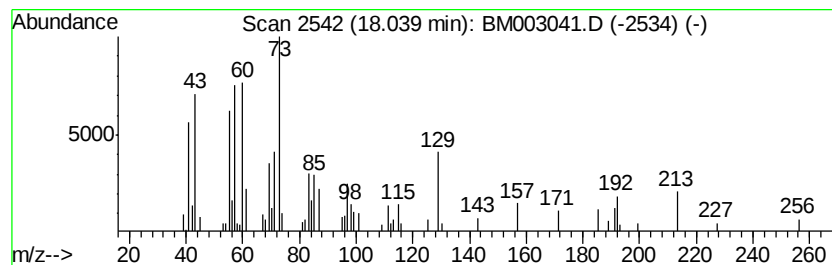
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	2.14 ng/ul	181440	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Tridecanoic acid	214	C13H26O2	000638-53-9	81
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	59



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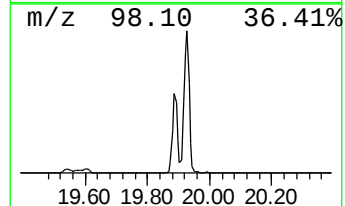
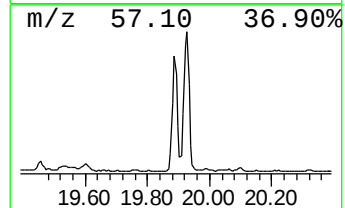
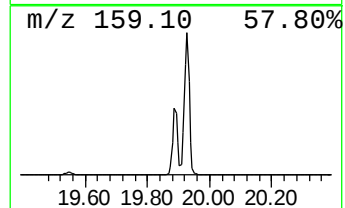
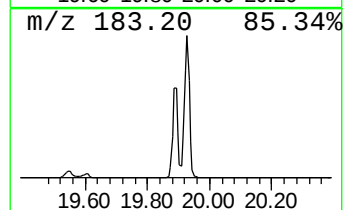
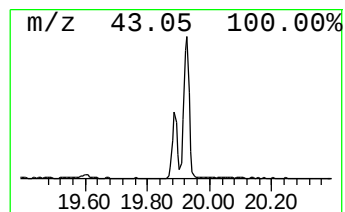
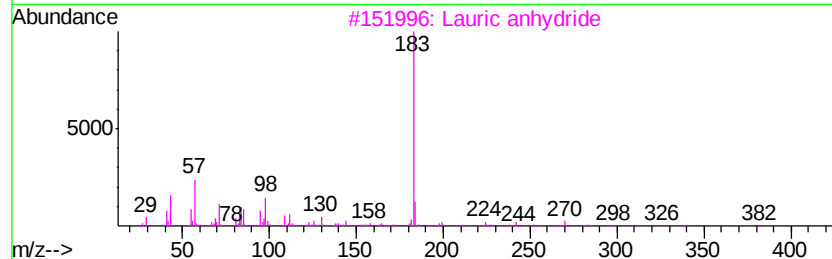
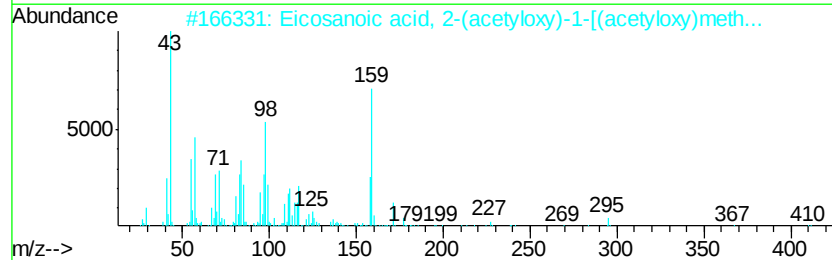
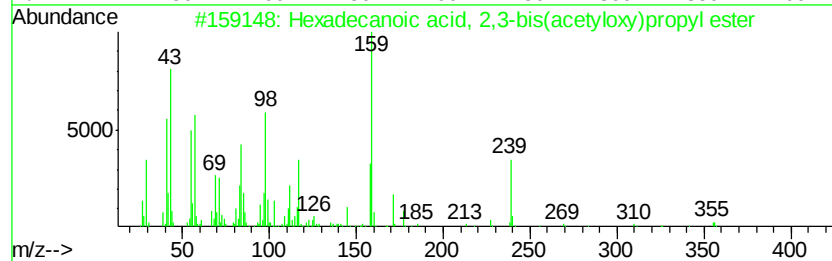
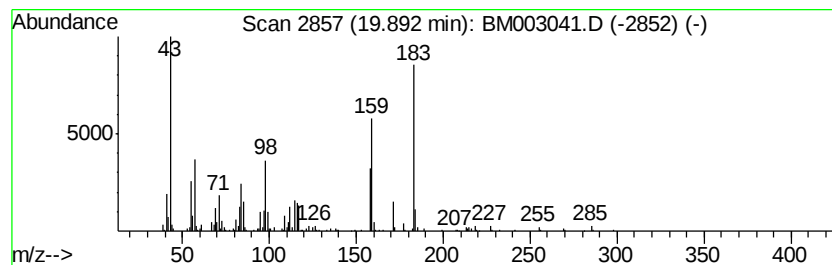
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	5.38 ng/ul	533273	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 2,3-bis(acetyloxy)propyl ester	414	C23H42O6	055268-70-7	40
2		Eicosanoic acid, 2-(acetyloxy)-1-[(acetyloxy)methyl] ester	470	C27H50O6	055429-68-0	32
3		Lauric anhydride	382	C24H46O3	000645-66-9	27
4		Lauric anhydride	382	C24H46O3	000645-66-9	27
5		5,8-Methano-4H-3,1-benzoxazine-2-one	183	C9H13NOS	1000142-76-7	16



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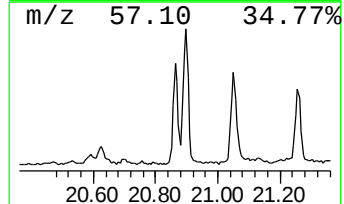
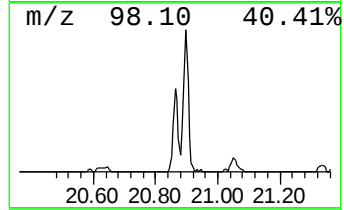
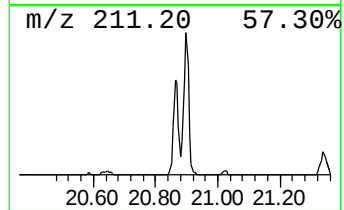
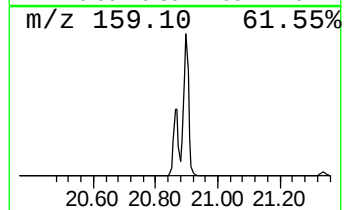
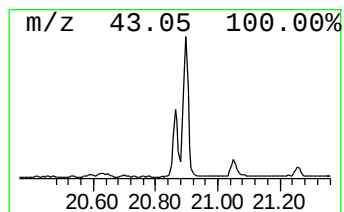
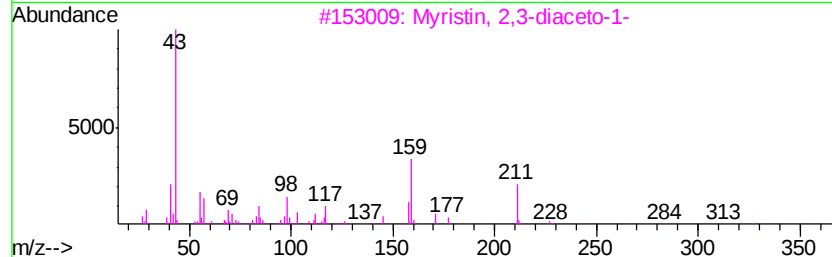
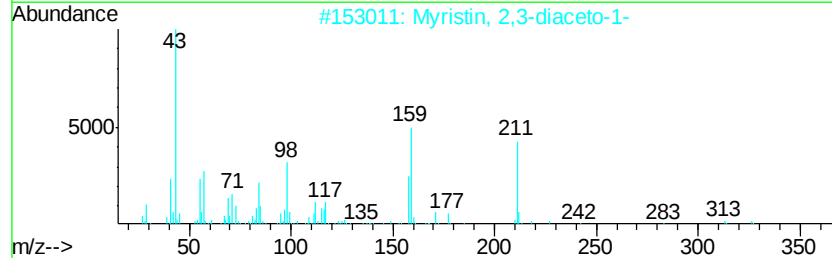
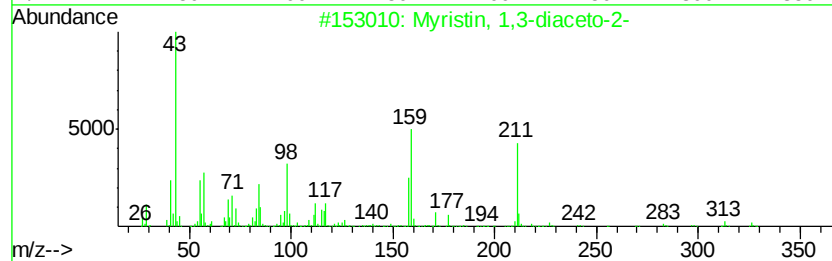
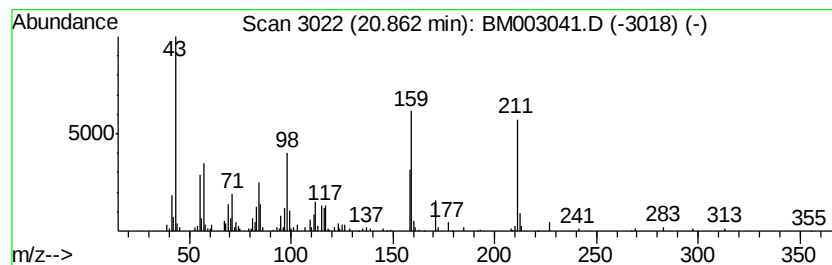
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Peak Number 4 Myristin, 1,3-diaceto-2- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	2.16 ng/ul	214211	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	91
2		Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	91
3		Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	40
4		Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	40
5		Tetradecanoic acid, 2-hydroxy-1-...	302	C17H34O4	003443-83-2	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
Data File : BM003041.D
Acq On : 01 Nov 2015 23:13
Operator : UM/IZ
Sample : G4210-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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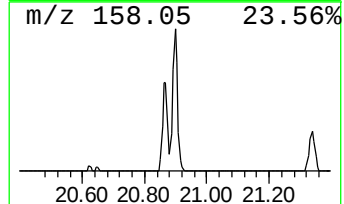
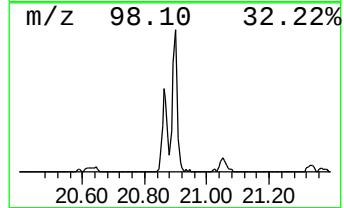
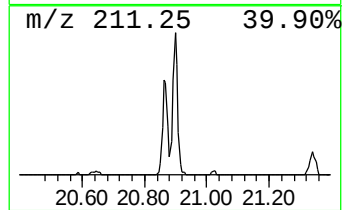
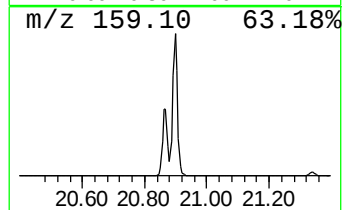
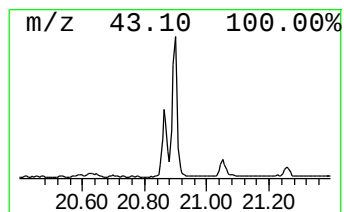
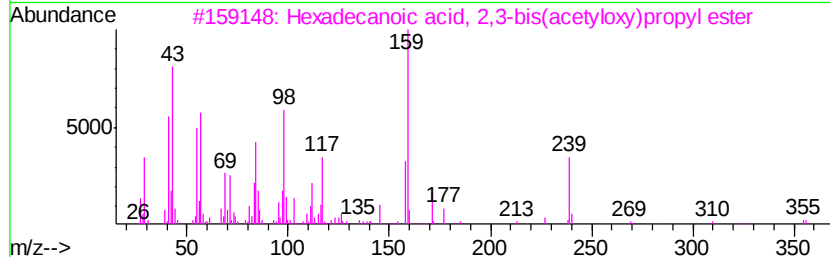
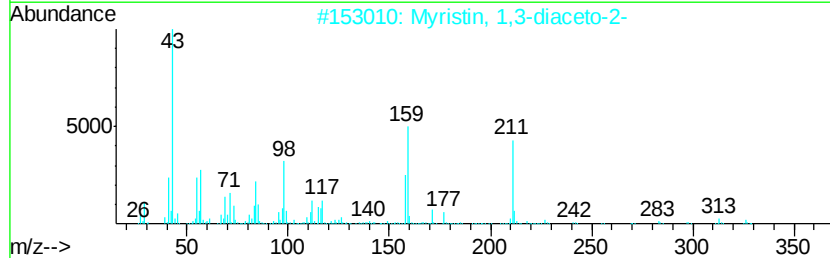
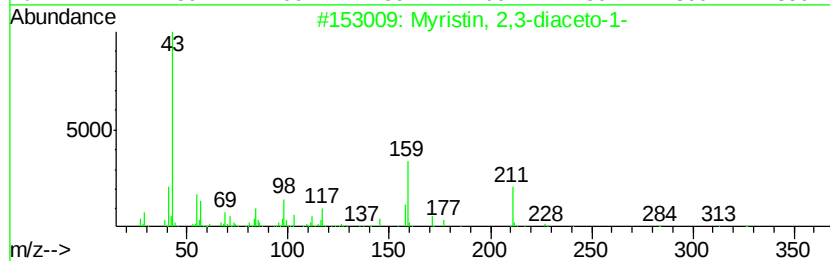
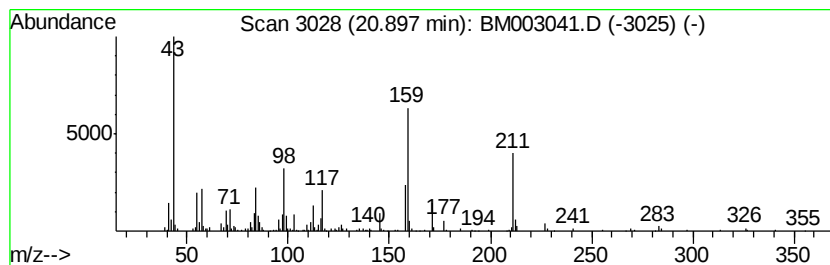
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Myristin, 2,3-diaceto-1- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	3.68 ng/ul	364439	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	91
2		Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	70
3		Hexadecanoic acid, 2,3-bis(acetyloxy)propyl ester	414	C23H42O6	055268-70-7	62
4		Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	38
5		Eicosanoic acid, 2,3-bis(acetyloxy)propyl ester	470	C27H50O6	055429-67-9	12



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
Data File : BM003041.D
Acq On : 01 Nov 2015 23:13
Operator : UM/IZ
Sample : G4210-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC766

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.04	2.1	ng/ul	181440	4	17.15	1692640	20.0
unknown-01	19.89	5.4	ng/ul	533273	5	21.34	1982440	20.0
Myristin, 1,3-dia...	20.86	2.2	ng/ul	214211	5	21.34	1982440	20.0
Myristin, 2,3-dia...	20.90	3.7	ng/ul	364439	5	21.34	1982440	20.0