

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013117\
 Data File : BG025726.D
 Acq On : 31 Jan 2017 21:07
 Operator : SJ/MA
 Sample : I1460-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNT3

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.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	3.109	43	46	47	rBV3	6405	8430	0.26%	0.028%
2	3.144	48	52	57	rVB4	26007	43246	1.35%	0.142%
3	3.379	90	92	101	rVB6	5425	10655	0.33%	0.035%
4	3.508	109	114	120	rVB6	22998	47598	1.48%	0.156%
5	3.573	120	125	130	rBV6	8387	21299	0.66%	0.070%
6	4.002	196	198	203	rBV5	5293	7835	0.24%	0.026%
7	4.154	221	224	231	rBV5	7634	13030	0.41%	0.043%
8	4.519	285	286	293	rBV5	5379	11752	0.37%	0.039%
9	5.529	456	458	463	rVB3	5254	8322	0.26%	0.027%
10	5.641	473	477	480	rBV3	6821	8047	0.25%	0.026%
11	5.735	487	493	500	rBV8	6411	13026	0.41%	0.043%
12	6.211	569	574	576	rVB4	7527	9711	0.30%	0.032%
13	6.358	595	599	602	rBV3	5322	7663	0.24%	0.025%
14	7.333	755	765	783	rBV2	273730	698577	21.75%	2.293%
15	7.486	783	791	800	rVV	246977	423533	13.19%	1.390%
16	7.615	810	813	816	rVB3	6557	8948	0.28%	0.029%
17	7.697	820	827	841	rBV	304305	583139	18.16%	1.914%
18	8.009	879	880	888	rBV8	4668	8996	0.28%	0.030%
19	8.167	898	907	916	rBV	237906	457427	14.24%	1.501%
20	8.373	936	942	948	rBV6	3801	11219	0.35%	0.037%
21	8.608	976	982	985	rBV6	6329	9685	0.30%	0.032%
22	8.890	1022	1030	1042	rBV2	279838	626237	19.50%	2.055%
23	9.049	1055	1057	1062	rBV5	4775	7562	0.24%	0.025%
24	9.354	1098	1109	1128	rBV	320433	656355	20.44%	2.154%
25	9.660	1157	1161	1169	rBV5	14483	22206	0.69%	0.073%
26	9.889	1194	1200	1203	rVB5	3952	7807	0.24%	0.026%
27	10.083	1225	1233	1249	rBV2	276663	576158	17.94%	1.891%
28	10.629	1319	1326	1353	rBV3	320288	784885	24.44%	2.576%
29	10.882	1365	1369	1372	rBV4	4630	7682	0.24%	0.025%
30	10.994	1380	1388	1402	rVB	346441	664032	20.68%	2.179%
31	11.146	1406	1414	1434	rBV2	301708	756358	23.55%	2.482%
32	11.558	1478	1484	1486	rBV2	5560	9839	0.31%	0.032%
33	11.640	1495	1498	1502	rVB3	6851	9127	0.28%	0.030%
34	12.592	1654	1660	1668	rBV8	9368	28471	0.89%	0.093%

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35	12.756	1687	1688	1694	rBV3	3959	7638	0.24%	0.025%
36	12.944	1718	1720	1726	rVB5	4182	7299	0.23%	0.024%
37	13.144	1748	1754	1757	rBV6	6560	9696	0.30%	0.032%
38	13.579	1821	1828	1831	rVB5	6051	11726	0.37%	0.038%
39	13.655	1837	1841	1847	rVB5	7294	15000	0.47%	0.049%
40	14.025	1902	1904	1911	rVB4	6148	12874	0.40%	0.042%
41	14.190	1924	1932	1937	rBV	844389	1336260	41.61%	4.385%
42	14.243	1937	1941	1951	rVV	247905	421952	13.14%	1.385%
43	14.495	1977	1984	1996	rVB	854738	1427055	44.44%	4.683%
44	14.636	2005	2008	2015	rVB5	14926	23552	0.73%	0.077%
45	14.719	2019	2022	2026	rVB3	4747	7645	0.24%	0.025%
46	14.795	2026	2035	2048	rBV2	550235	950666	29.60%	3.120%
47	15.048	2072	2078	2096	rBV3	186004	593412	18.48%	1.947%
48	15.189	2098	2102	2109	rVB9	16681	31682	0.99%	0.104%
49	15.529	2155	2160	2165	rBV5	43398	87408	2.72%	0.287%
50	15.582	2165	2169	2174	rVB3	39711	59169	1.84%	0.194%
51	15.647	2174	2180	2184	rBV7	9114	19944	0.62%	0.065%
52	15.788	2195	2204	2215	rBV	1171084	1878262	58.49%	6.164%
53	15.941	2222	2230	2242	rBV2	382121	785740	24.47%	2.579%
54	16.029	2242	2245	2250	rVB7	21932	36635	1.14%	0.120%
55	16.211	2274	2276	2282	rVB7	8979	8955	0.28%	0.029%
56	16.317	2291	2294	2301	rVB6	9082	13924	0.43%	0.046%
57	16.440	2310	2315	2323	rBV3	48201	96612	3.01%	0.317%
58	16.675	2349	2355	2357	rVB5	6654	11193	0.35%	0.037%
59	16.704	2357	2360	2363	rBV3	8457	9281	0.29%	0.030%
60	16.951	2398	2402	2405	rVB6	9058	11645	0.36%	0.038%
61	17.022	2410	2414	2418	rVB6	10950	12499	0.39%	0.041%
62	17.069	2418	2422	2425	rBV6	10023	17934	0.56%	0.059%
63	17.233	2444	2450	2454	rBV2	53326	74975	2.33%	0.246%
64	17.274	2454	2457	2462	rVV4	16784	25623	0.80%	0.084%
65	17.545	2495	2503	2512	rBV	834662	1277785	39.79%	4.193%
66	17.645	2512	2520	2529	rBV2	1352861	2178857	67.85%	7.150%
67	17.821	2548	2550	2557	rBV8	5818	8088	0.25%	0.027%
68	17.903	2560	2564	2568	rVB7	7323	10145	0.32%	0.033%
69	17.974	2571	2576	2581	rBV2	68900	88404	2.75%	0.290%
70	18.385	2642	2646	2656	rBV8	46436	105549	3.29%	0.346%
71	18.661	2689	2693	2696	rBV3	31444	42021	1.31%	0.138%

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72	19.119	2768	2771	2775	rBV5	8618	11086	0.35%	0.036%
73	19.337	2806	2808	2813	rVB5	7624	12149	0.38%	0.040%
74	19.466	2824	2830	2832	rBV7	7002	11873	0.37%	0.039%
75	19.566	2841	2847	2852	rVB3	24209	34988	1.09%	0.115%
76	19.666	2858	2864	2868	rBV9	11218	25465	0.79%	0.084%
77	19.701	2868	2870	2873	rVB4	10657	10741	0.33%	0.035%
78	19.783	2881	2884	2886	rVB3	13234	11772	0.37%	0.039%
79	19.807	2886	2888	2895	rBV4	20328	35319	1.10%	0.116%
80	19.918	2900	2907	2920	rVB	1972081	3056796	95.19%	10.031%
81	20.065	2930	2932	2935	rBV3	7917	10337	0.32%	0.034%
82	20.183	2947	2952	2955	rBV	143987	175318	5.46%	0.575%
83	20.218	2955	2958	2965	rVB	259019	288388	8.98%	0.946%
84	20.729	3044	3045	3047	rBV2	12300	9299	0.29%	0.031%
85	21.170	3115	3120	3124	rBV2	92540	141266	4.40%	0.464%
86	21.211	3124	3127	3132	rVB2	177797	204857	6.38%	0.672%
87	21.405	3155	3160	3174	rBV2	51074	168674	5.25%	0.554%
88	21.834	3226	3233	3244	rBV	1011370	1867892	58.17%	6.130%
89	22.286	3306	3310	3315	rBV7	42674	83770	2.61%	0.275%
90	22.333	3316	3318	3327	rVB7	82637	111211	3.46%	0.365%
91	23.220	3465	3469	3473	rVB6	26647	38569	1.20%	0.127%
92	23.267	3474	3477	3483	rVB6	31083	55338	1.72%	0.182%
93	23.726	3549	3555	3560	rVB8	39132	75164	2.34%	0.247%
94	23.790	3560	3566	3571	rVB4	63446	131718	4.10%	0.432%
95	24.096	3613	3618	3629	rVB9	48818	101316	3.16%	0.332%
96	24.977	3757	3768	3779	rBV2	1110155	3211212	100.00%	10.538%
97	25.065	3780	3783	3796	rVB6	59894	129009	4.02%	0.423%
98	25.212	3797	3808	3823	rBV	565318	1768446	55.07%	5.804%
99	26.229	3975	3981	3992	rVB9	62946	201263	6.27%	0.660%
100	27.621	4213	4218	4232	rVB10	60502	202790	6.32%	0.665%

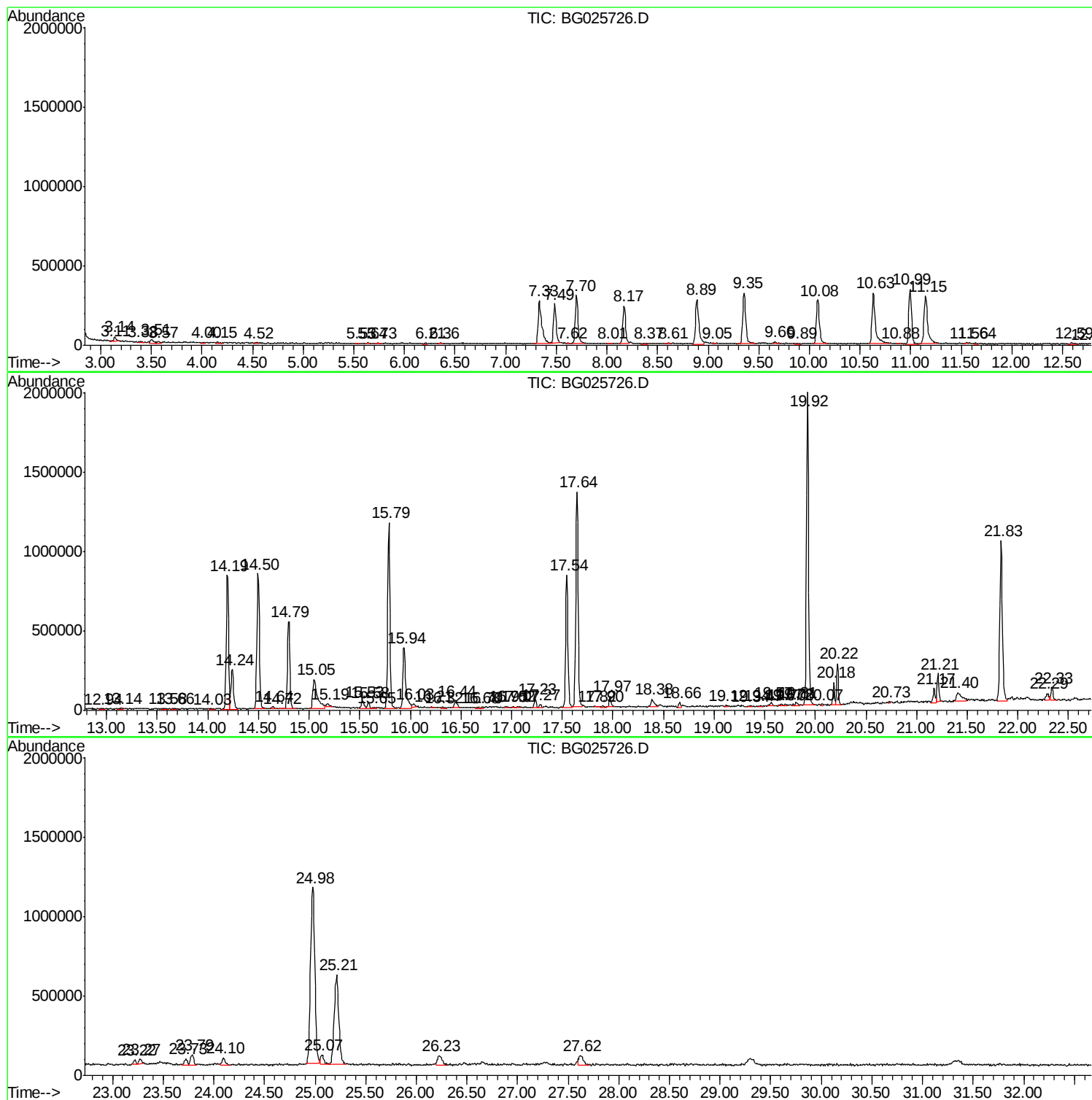
Sum of corrected areas: 30471988

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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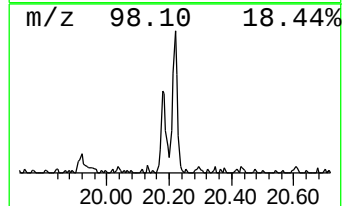
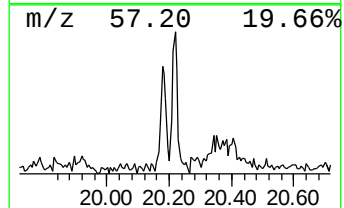
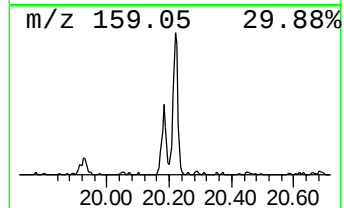
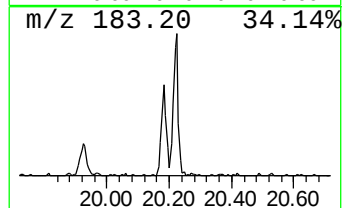
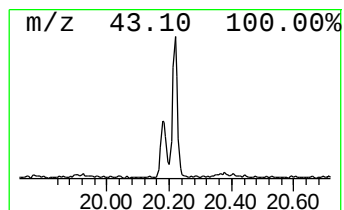
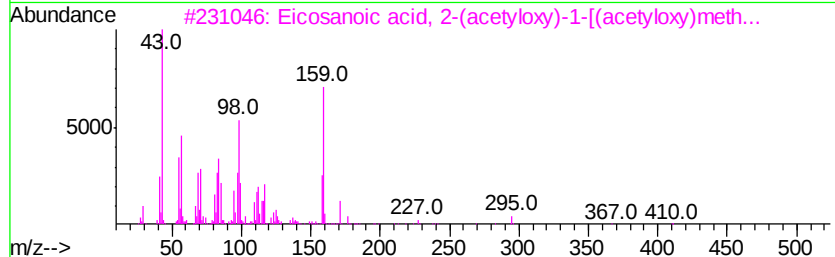
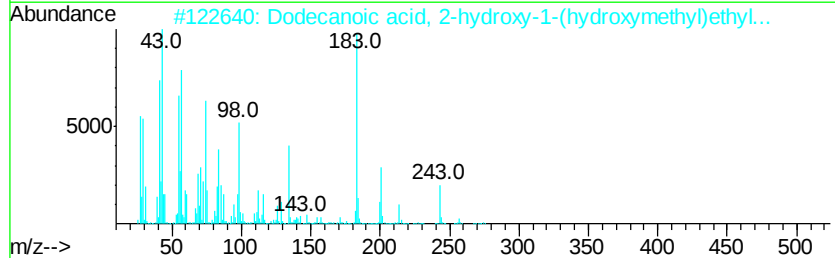
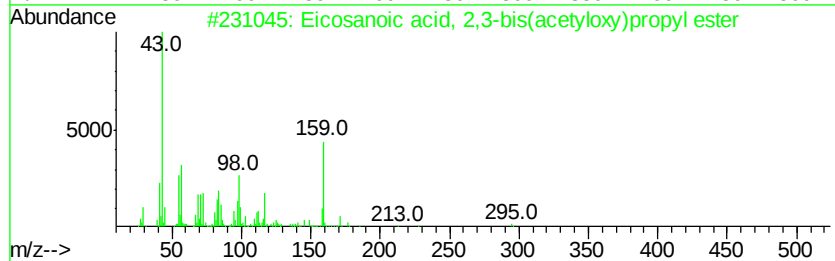
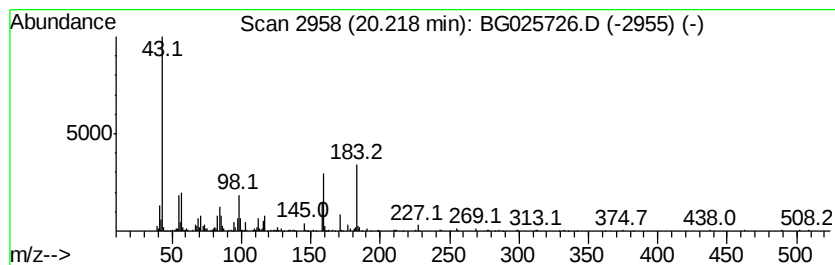
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.22	3.09 ng/ul	288388	Chrysene-d12	21.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	43
2		Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	17
3		Eicosanoic acid, 2-(acetyvloxy)-1...	470	C27H50O6	055429-68-0	16
4		Dodecanoyl chloride	218	C12H23ClO	000112-16-3	14
5		3,5-Di-O-acetyl-1,4-anhydro-2-O-...	232	C10H16O6	1000357-23-2	10



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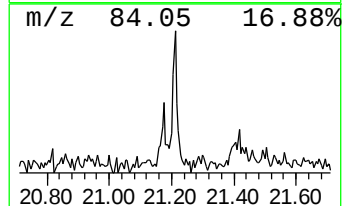
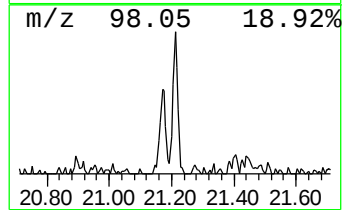
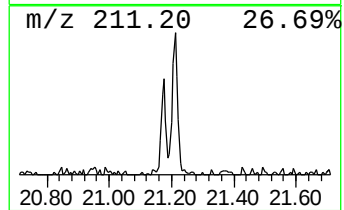
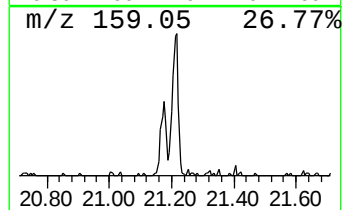
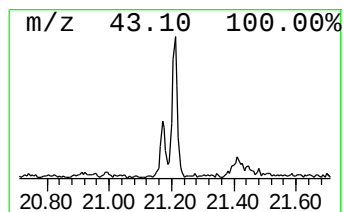
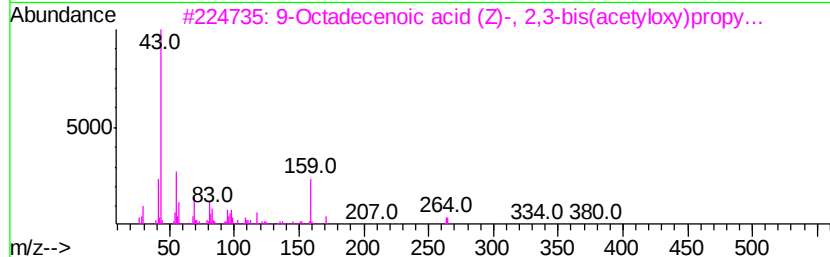
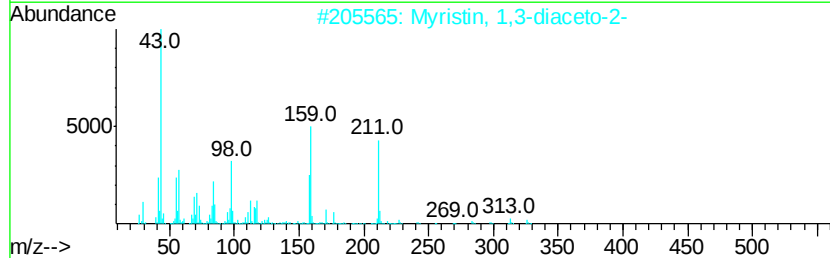
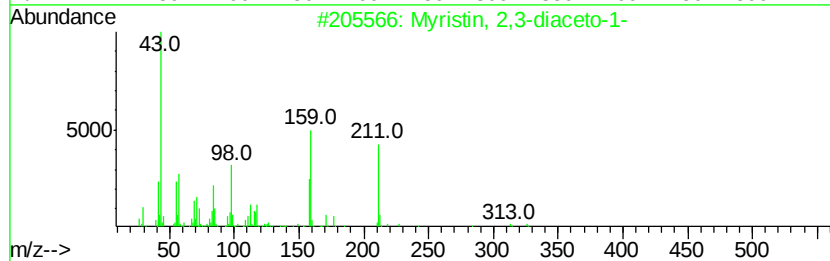
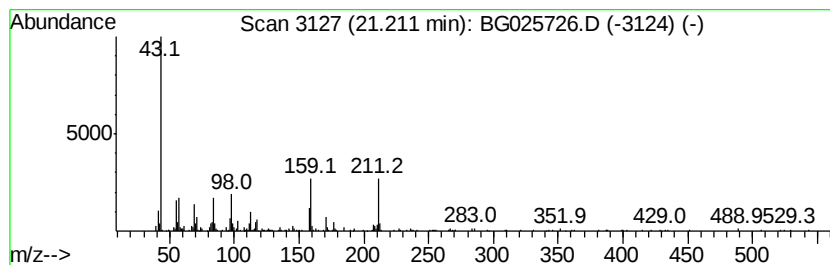
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.21	2.19 ng/ul	204857	Chrysene-d12	21.83		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	62
2		Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	58
3		9-Octadecenoic acid (Z)-, 2,3-bi...	440	C25H44O6	055401-64-4	14
4		Octadecanoic acid, 2-(acetyloxy)...	442	C25H46O6	055401-62-2	14
5		Sucrose, 1',2,3,3',4',6'-hexa-O-...	632	C26H37B017	087591-47-7	12



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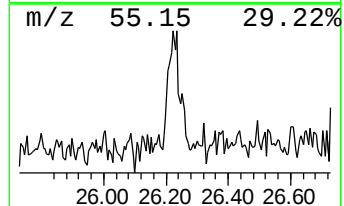
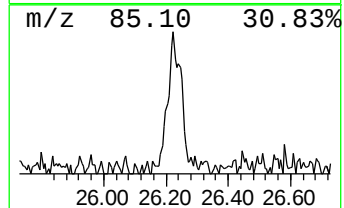
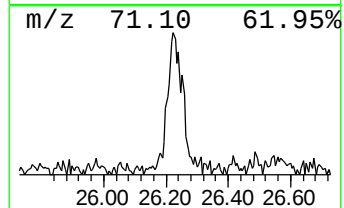
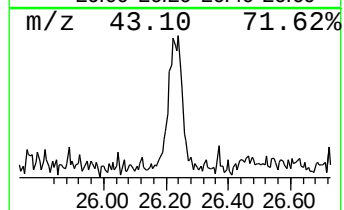
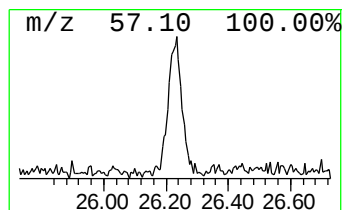
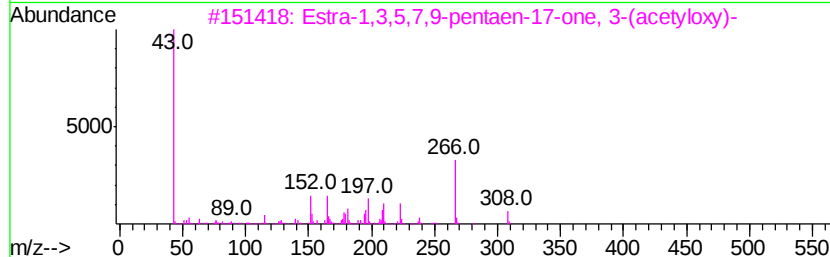
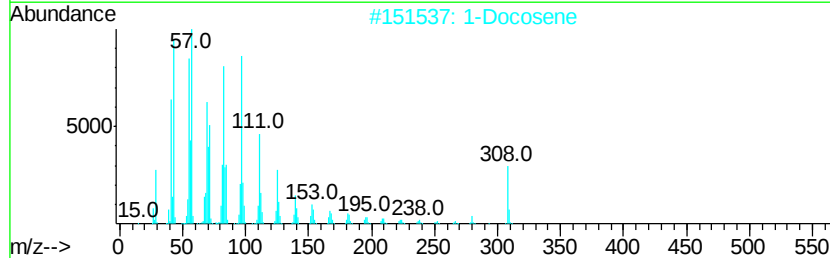
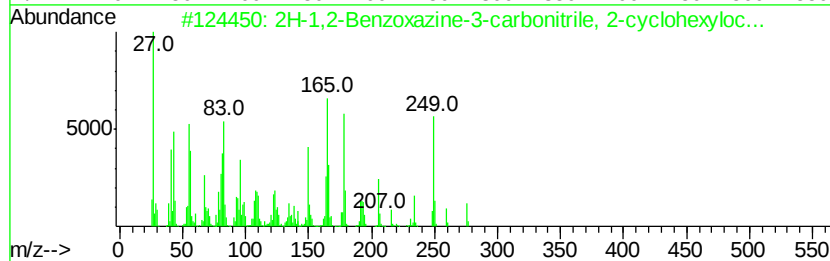
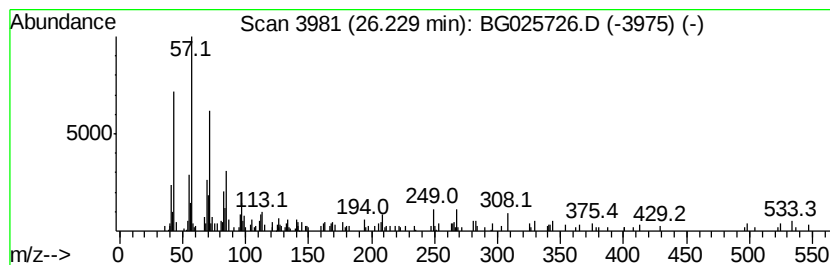
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Peak Number 3 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.23	2.28 ng/ul	201263	Perylene-d12	25.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2H-1,2-Benzoxazine-3-carbonitril...	276	C17H28N2O	038110-82-6	10
2		1-Docosene	308	C22H44	001599-67-3	10
3		Estra-1,3,5,7,9-pentaen-17-one, ...	308	C20H20O3	006030-91-7	9
4		Acetic acid 4-(2-ethyl-benzofura...	308	C19H16O4	1000301-25-9	9
5		Propanamide, 2-methyl-N-(2,3-dih...	308	C18H16N2O3	1000273-67-5	9



Data Path : Z:\HPCHEM1\BNA G\DATA\BG013117\
Data File : BG025726.D
Acq On : 31 Jan 2017 21:07
Operator : SJ/MA
Sample : I1460-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNT3

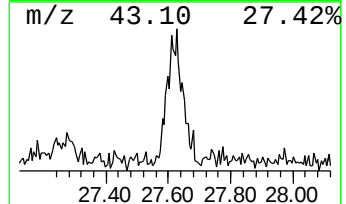
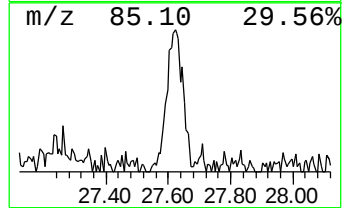
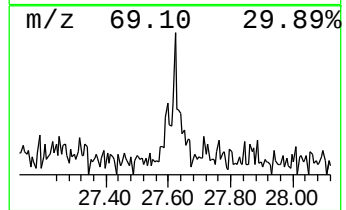
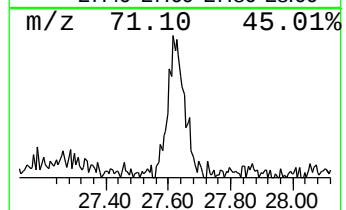
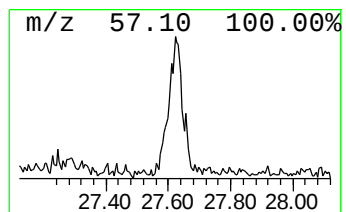
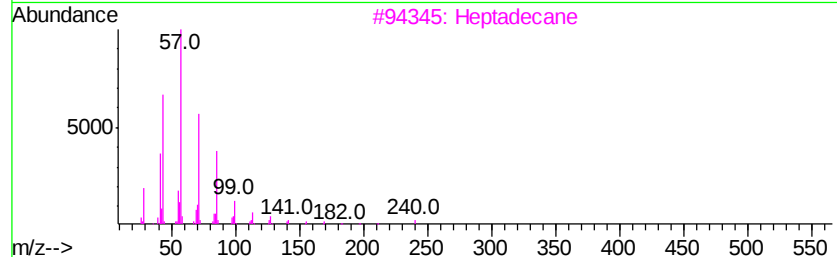
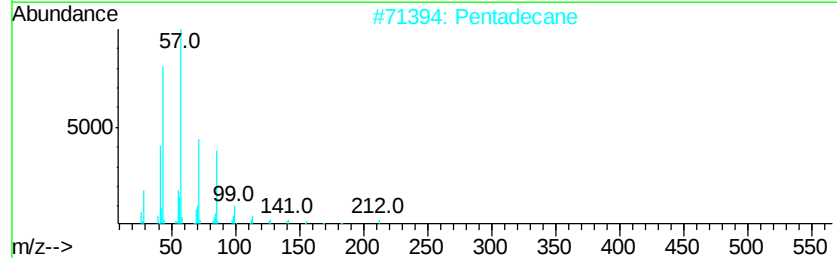
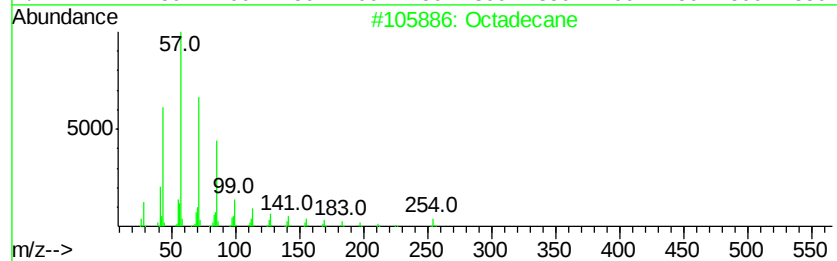
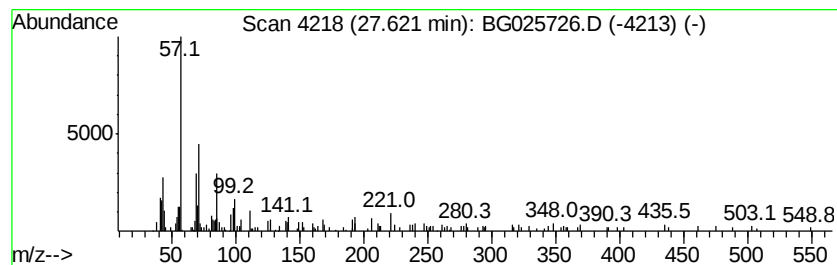
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.62	2.29 ng/ul	202790	Perylene-d12	25.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	62
2		Pentadecane	212	C15H32	000629-62-9	58
3		Heptadecane	240	C17H36	000629-78-7	58
4		Heneicosane	296	C21H44	000629-94-7	58
5		Nonadecane	268	C19H40	000629-92-5	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG013117\
Data File : BG025726.D
Acq On : 31 Jan 2017 21:07
Operator : SJ/MA
Sample : I1460-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNT3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.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
unknown-01	20.22	3.1	ng/ul	288388	5	21.83	1867890	20.0
Myristin, 2,3-dia...	21.21	2.2	ng/ul	204857	5	21.83	1867890	20.0
unknown-02	26.23	2.3	ng/ul	201263	6	25.21	1768450	20.0
(DEL) Alkane: Str...	27.62	2.3	ng/ul	202790	6	25.21	1768450	20.0