

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013117\
 Data File : BG025735.D
 Acq On : 1 Feb 2017 3:02
 Operator : SJ/MA
 Sample : I1467-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDMW4

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	3.498	109	112	118	rVB5	9251	15745	0.17%	0.037%
2	3.939	185	187	196	rVB5	6932	14679	0.16%	0.035%
3	4.015	196	200	205	rBV5	5231	10374	0.11%	0.025%
4	4.191	223	230	233	rBV6	4560	11927	0.13%	0.028%
5	7.335	752	765	784	rBV	201418	533863	5.67%	1.267%
6	7.487	784	791	803	rVV	177335	330765	3.51%	0.785%
7	7.699	818	827	841	rBV2	221797	467802	4.97%	1.110%
8	8.169	897	907	922	rBV	269300	531714	5.65%	1.262%
9	8.892	1023	1030	1051	rBV3	236936	549150	5.83%	1.304%
10	9.356	1097	1109	1120	rBV2	243393	505869	5.37%	1.201%
11	9.655	1154	1160	1166	rBV7	7835	18473	0.20%	0.044%
12	9.973	1208	1214	1222	rBV5	5415	12624	0.13%	0.030%
13	10.084	1222	1233	1248	rBV2	209555	447998	4.76%	1.063%
14	10.208	1248	1254	1258	rVB5	5800	12031	0.13%	0.029%
15	10.437	1287	1293	1295	rVB3	6038	12261	0.13%	0.029%
16	10.637	1317	1327	1356	rBV	212786	623352	6.62%	1.480%
17	10.995	1377	1388	1397	rBV	416748	755252	8.02%	1.793%
18	11.165	1409	1417	1438	rVV3	66668	238273	2.53%	0.566%
19	11.301	1438	1440	1449	rVB6	6448	17385	0.18%	0.041%
20	12.493	1637	1643	1646	rVB5	5055	10363	0.11%	0.025%
21	12.605	1659	1662	1668	rBV4	6339	11670	0.12%	0.028%
22	14.191	1926	1932	1938	rBV	398576	682953	7.25%	1.621%
23	14.244	1938	1941	1951	rVB	97774	166100	1.76%	0.394%
24	14.497	1974	1984	1996	rBV	653892	1111761	11.80%	2.639%
25	14.638	2005	2008	2018	rVB7	13289	27834	0.30%	0.066%
26	14.797	2027	2035	2052	rVB2	688534	1135731	12.06%	2.696%
27	15.067	2074	2081	2108	rBV4	94928	388992	4.13%	0.923%
28	15.584	2165	2169	2176	rBV3	33937	45682	0.48%	0.108%
29	15.789	2195	2204	2218	rVB2	871589	1464559	15.55%	3.476%
30	15.942	2225	2230	2241	rBV4	130475	308986	3.28%	0.733%
31	16.024	2241	2244	2251	rVB7	17659	33202	0.35%	0.079%
32	16.442	2307	2315	2330	rVB	49823	122306	1.30%	0.290%
33	16.636	2347	2348	2354	rBV4	8907	14358	0.15%	0.034%
34	16.706	2354	2360	2361	rBV5	7804	10911	0.12%	0.026%

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35	16.841	2380	2383	2388	rVB7	10547	16350	0.17%	0.039%
36	17.059	2417	2420	2426	rVV7	6489	10675	0.11%	0.025%
37	17.235	2441	2450	2454	rBV3	46792	69570	0.74%	0.165%
38	17.282	2454	2458	2464	rVB8	15965	24353	0.26%	0.058%
39	17.546	2494	2503	2511	rBV	933693	1468915	15.60%	3.487%
40	17.646	2511	2520	2536	rVB2	1008888	1688245	17.92%	4.007%
41	17.881	2557	2560	2564	rVB6	6687	11194	0.12%	0.027%
42	17.975	2568	2576	2581	rVB3	24745	42541	0.45%	0.101%
43	18.386	2642	2646	2648	rBV4	17096	21580	0.23%	0.051%
44	18.469	2657	2660	2664	rVB4	14933	20747	0.22%	0.049%
45	18.563	2668	2676	2681	rVB5	42262	58532	0.62%	0.139%
46	18.657	2689	2692	2696	rBV3	9315	16353	0.17%	0.039%
47	18.692	2696	2698	2702	rVB4	8887	11915	0.13%	0.028%
48	19.203	2779	2785	2791	rBV10	9383	21533	0.23%	0.051%
49	19.562	2842	2846	2853	rBV3	18159	39294	0.42%	0.093%
50	19.673	2858	2865	2868	rBV8	10620	23324	0.25%	0.055%
51	19.779	2874	2883	2895	rBV	7934072	9419090	100.00%	22.358%
52	19.920	2901	2907	2922	rVB	1427396	2213359	23.50%	5.254%
53	20.214	2956	2957	2962	rVB4	8750	13160	0.14%	0.031%
54	20.255	2962	2964	2967	rBV4	11713	11639	0.12%	0.028%
55	20.314	2970	2974	2979	rBV5	33408	51770	0.55%	0.123%
56	20.361	2979	2982	2986	rVV6	15314	20882	0.22%	0.050%
57	20.819	3054	3060	3066	rBV	7070252	8296927	88.09%	19.695%
58	20.930	3074	3079	3082	rBV7	12674	20339	0.22%	0.048%
59	21.171	3118	3120	3124	rVB5	10752	11706	0.12%	0.028%
60	21.218	3124	3128	3129	rBV4	9792	11000	0.12%	0.026%
61	21.265	3134	3136	3141	rBV6	7761	10876	0.12%	0.026%
62	21.418	3152	3162	3165	rBV6	44920	122182	1.30%	0.290%
63	21.647	3199	3201	3206	rVB6	9577	14746	0.16%	0.035%
64	21.835	3224	3233	3246	rBV	1082946	2111518	22.42%	5.012%
65	22.570	3353	3358	3361	rBV7	16542	30717	0.33%	0.073%
66	22.699	3371	3380	3386	rBV7	16679	47110	0.50%	0.112%
67	22.969	3419	3426	3427	rBV7	14289	26465	0.28%	0.063%
68	23.275	3472	3478	3488	rVB10	28263	79948	0.85%	0.190%
69	23.475	3505	3512	3516	rBV10	24909	61567	0.65%	0.146%
70	24.097	3612	3618	3626	rVB6	44135	109067	1.16%	0.259%
71	24.327	3654	3657	3659	rBV4	13435	11793	0.13%	0.028%

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72	24.573	3698	3699	3704	rBV5	11644	13761	0.15%	0.033%
73	24.973	3754	3767	3778	rBV2	732723	2189152	23.24%	5.196%
74	25.073	3778	3784	3791	rVB7	54244	150475	1.60%	0.357%
75	25.208	3797	3807	3821	rVB3	601988	1905495	20.23%	4.523%
76	25.543	3858	3864	3874	rBV3	14451	48504	0.51%	0.115%
77	25.701	3886	3891	3894	rVB7	15701	25348	0.27%	0.060%
78	25.731	3894	3896	3899	rBV3	12291	12947	0.14%	0.031%
79	26.136	3962	3965	3969	rVB6	10081	11635	0.12%	0.028%
80	26.230	3969	3981	3990	rBV6	60185	198019	2.10%	0.470%
81	26.559	4034	4037	4038	rBV3	11097	12248	0.13%	0.029%
82	26.659	4048	4054	4058	rBV9	13951	38719	0.41%	0.092%
83	26.912	4095	4097	4101	rBV5	11354	16550	0.18%	0.039%
84	27.423	4180	4184	4187	rBV5	9353	12533	0.13%	0.030%
85	27.629	4206	4219	4230	rBV6	54175	201888	2.14%	0.479%
86	27.840	4254	4255	4260	rBV5	12853	19282	0.20%	0.046%
87	28.287	4327	4331	4332	rBV3	9136	12269	0.13%	0.029%
88	28.322	4333	4337	4340	rVV6	8362	14076	0.15%	0.033%
89	28.375	4345	4346	4351	rBV5	9144	15845	0.17%	0.038%
90	28.504	4363	4368	4369	rBV5	11319	15017	0.16%	0.036%
91	28.651	4386	4393	4397	rBV10	13355	33754	0.36%	0.080%
92	29.050	4458	4461	4466	rVB7	12123	21457	0.23%	0.051%
93	29.086	4466	4467	4472	rBV5	13767	20967	0.22%	0.050%
94	29.285	4494	4501	4502	rBV7	26580	46847	0.50%	0.111%
95	30.960	4780	4786	4789	rBV8	14876	28816	0.31%	0.068%
96	31.336	4837	4850	4857	rBV8	31915	122042	1.30%	0.290%
97	32.235	5000	5003	5005	rBV4	15055	19206	0.20%	0.046%
98	32.329	5018	5019	5023	rBV4	8454	10294	0.11%	0.024%
99	32.470	5040	5043	5045	rVB3	15649	14353	0.15%	0.034%
100	32.558	5055	5058	5061	rBV5	11239	10500	0.11%	0.025%

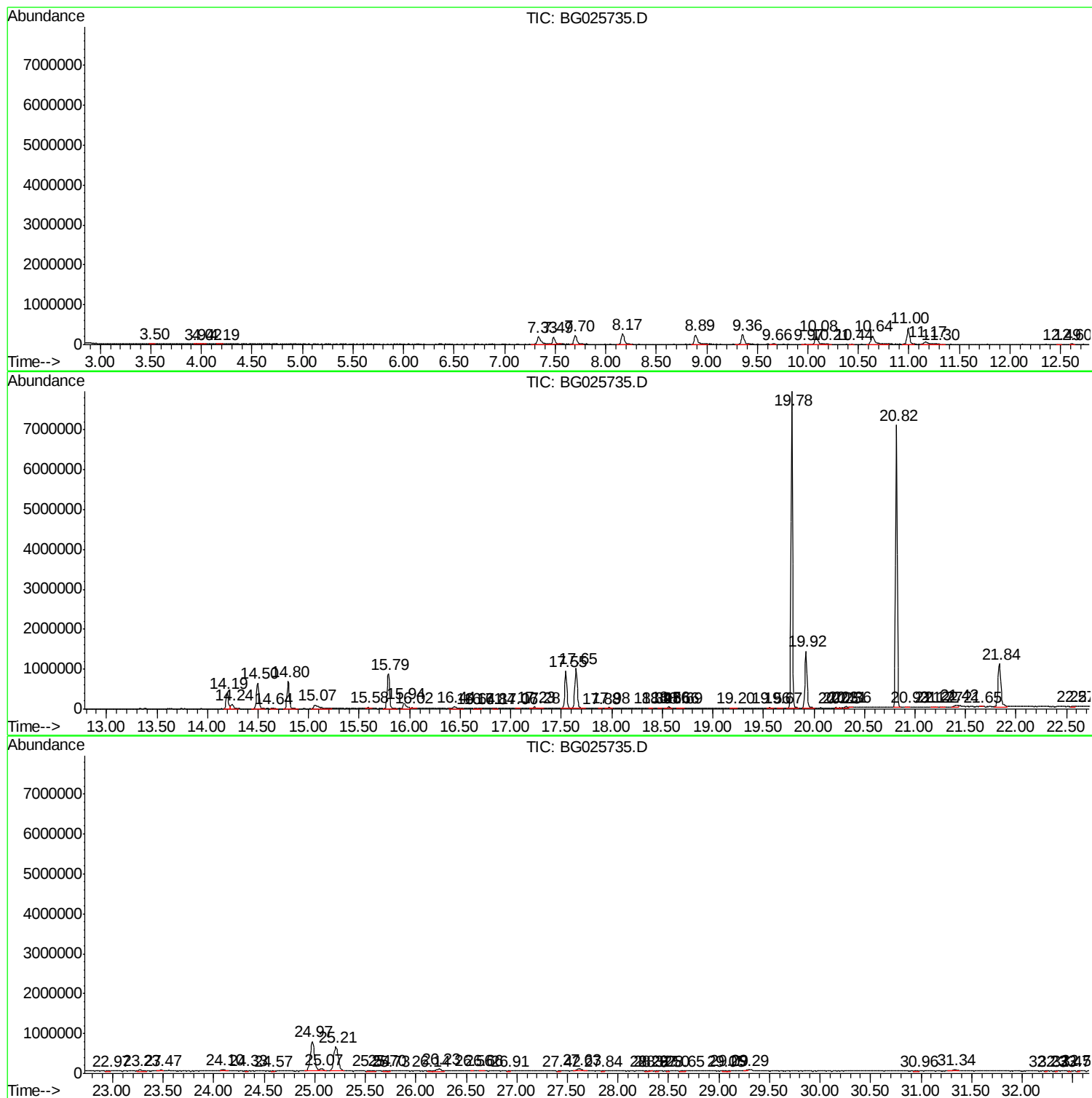
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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



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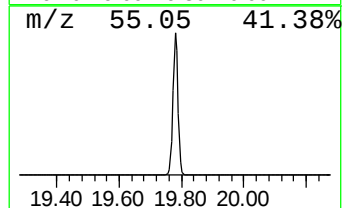
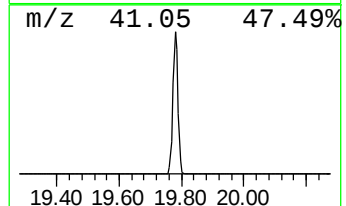
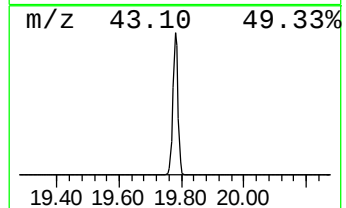
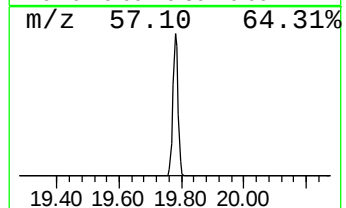
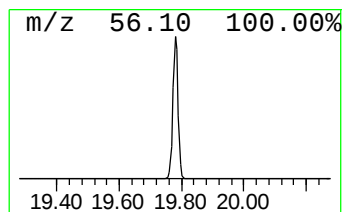
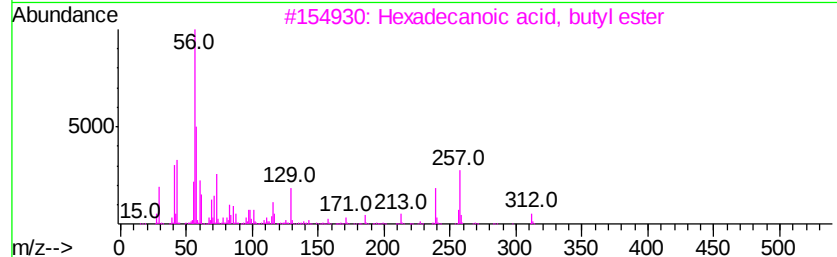
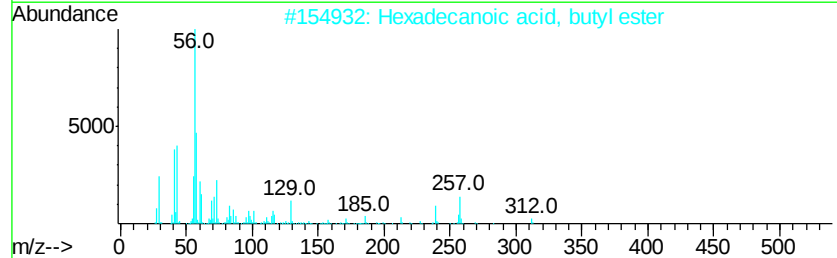
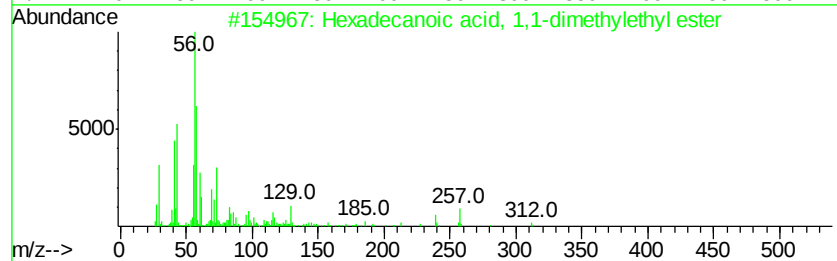
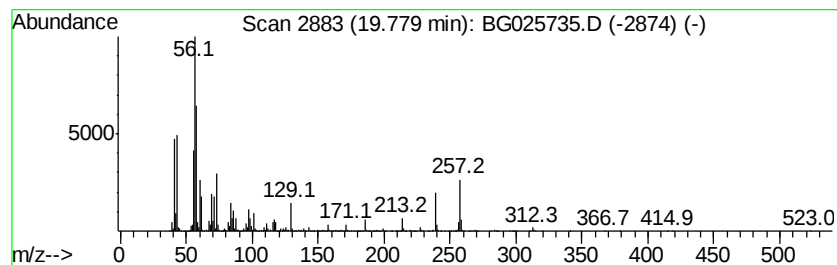
Instrument :
BNA_G
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Hexadecanoic acid, 1,1-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.78	89.22 ng/ul	9419090	Chrysene-d12	21.84		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	94	
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	92	
3	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91	
4	Hexadecanoic acid, 2-methylpropv...	312	C20H40O2	000110-34-9	70	
5	Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	35	



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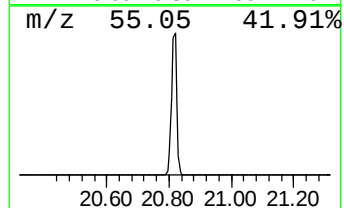
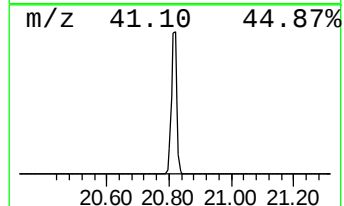
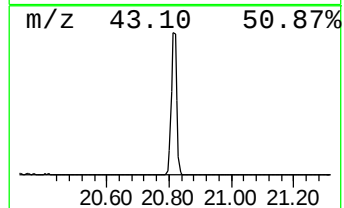
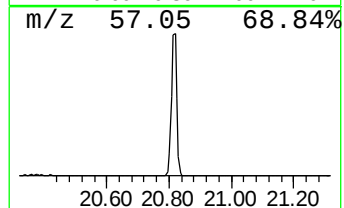
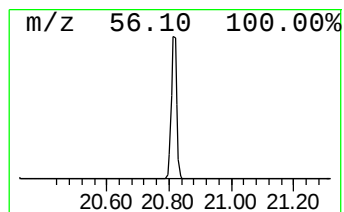
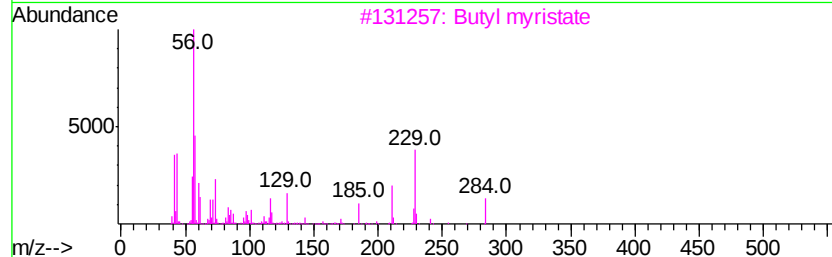
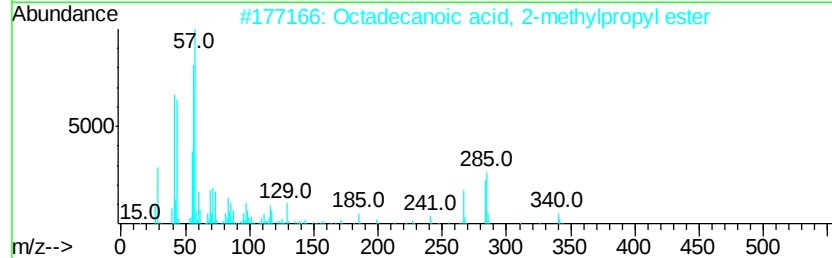
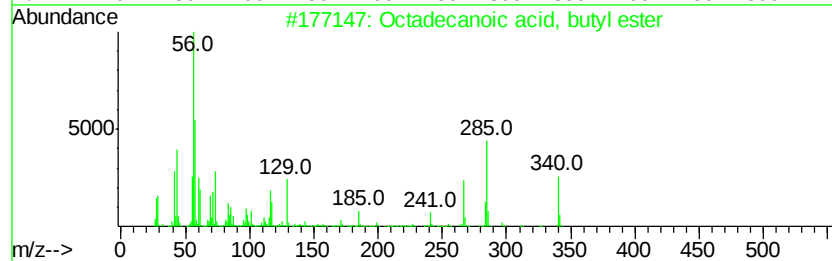
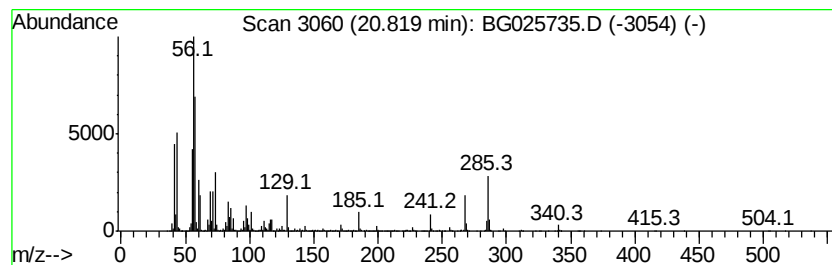
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	78.59 ng/ul	8296930	Chrysene-d12	21.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	86
2		Octadecanoic acid, 2-methylpropyl ester	340	C22H44O2	000646-13-9	80
3		Butyl myristate	284	C18H36O2	000110-36-1	59
4		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	58
5		Docosanoic acid	340	C22H44O2	000112-85-6	48



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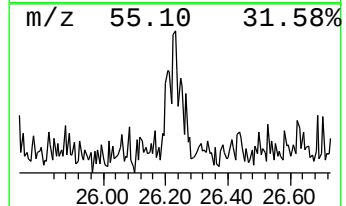
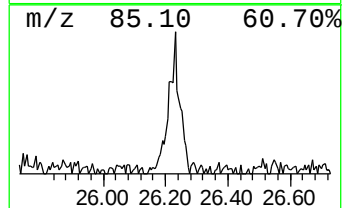
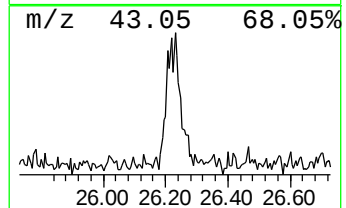
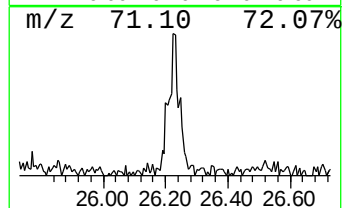
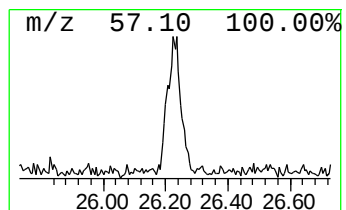
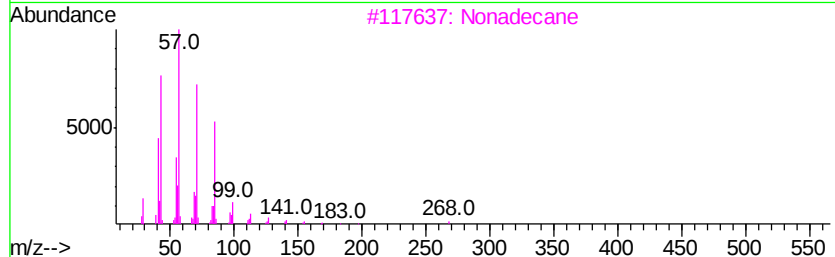
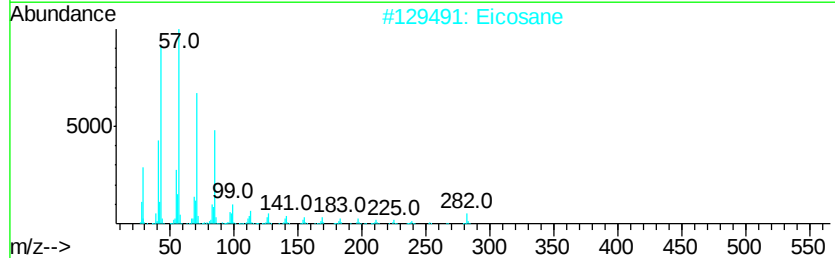
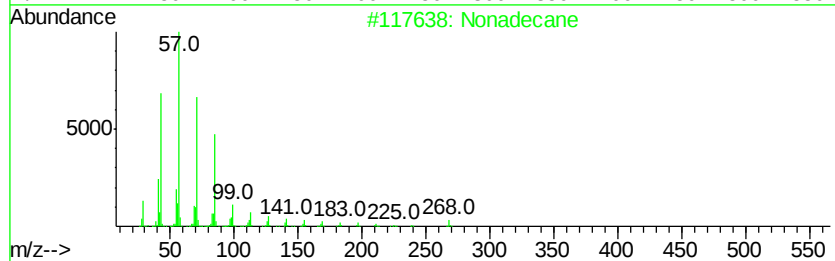
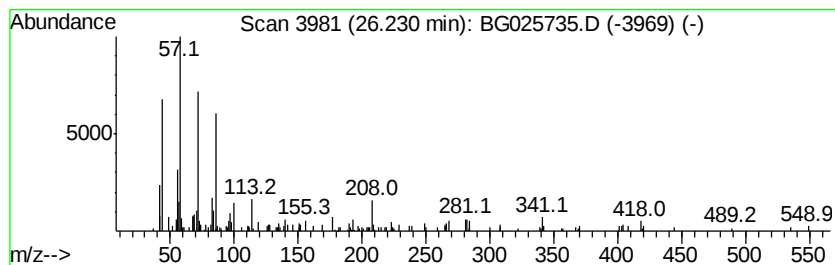
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.23	2.08 ng/ul	198019	Perylene-d12	25.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	86
2		Eicosane	282	C20H42	000112-95-8	70
3		Nonadecane	268	C19H40	000629-92-5	62
4		Eicosane	282	C20H42	000112-95-8	62
5		Octadecane	254	C18H38	000593-45-3	62



Data Path : Z:\HPCHEM1\BNA G\DATA\BG013117\
Data File : BG025735.D
Acq On : 1 Feb 2017 3:02
Operator : SJ/MA
Sample : I1467-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDMW4

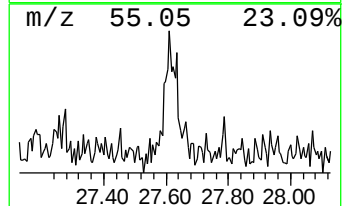
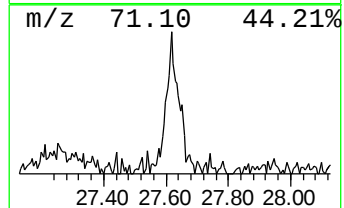
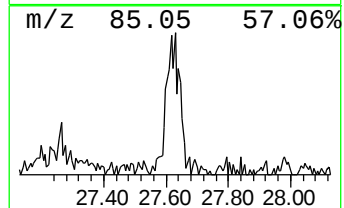
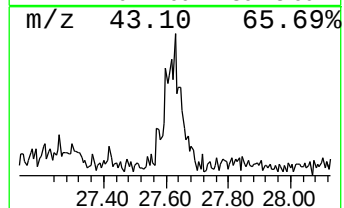
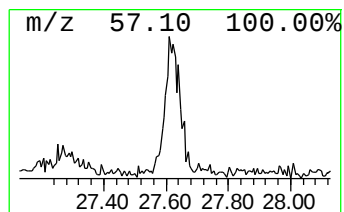
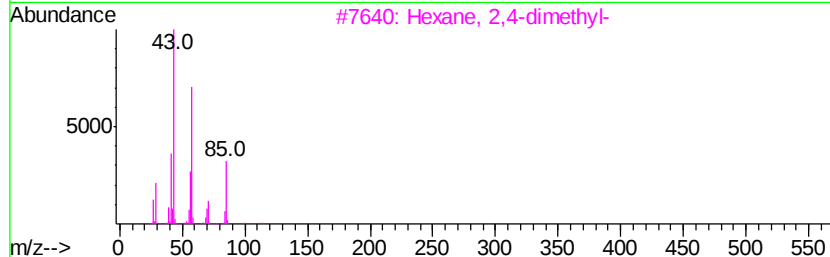
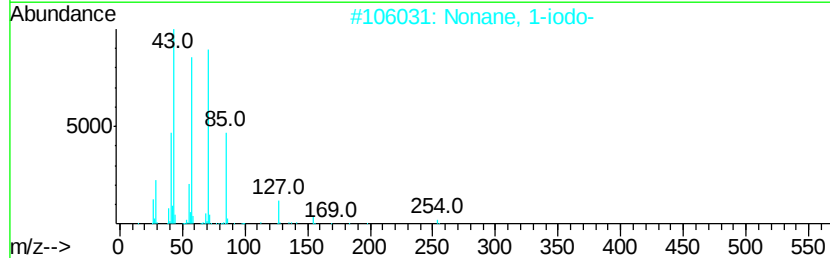
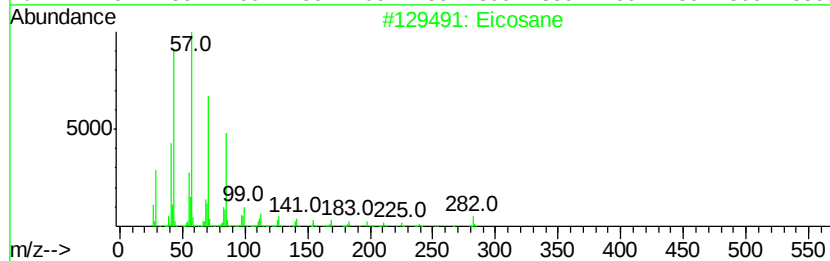
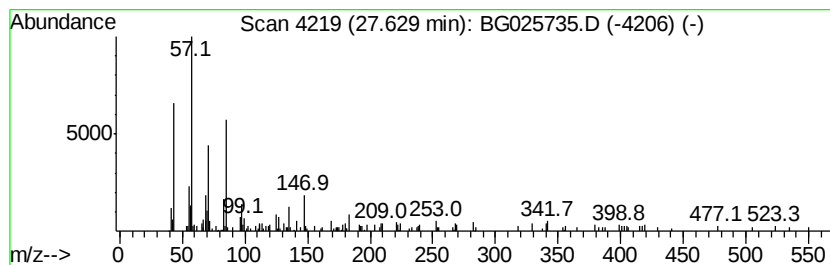
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.63	2.12 ng/ul	201888	Perylene-d12	25.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	55
2		Nonane, 1-iodo-	254	C9H19I	004282-42-2	46
3		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	43
4		Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	43
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG013117\
Data File : BG025735.D
Acq On : 1 Feb 2017 3:02
Operator : SJ/MA
Sample : I1467-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDMW4

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
Hexadecanoic acid...	19.78	89.2	ng/ul	9419090	5	21.84	2111520	20.0
Octadecanoic acid...	20.82	78.6	ng/ul	8296930	5	21.84	2111520	20.0
(DEL) Alkane: Str...	26.23	2.1	ng/ul	198019	6	25.21	1905500	20.0
(DEL) Alkane: Str...	27.63	2.1	ng/ul	201888	6	25.21	1905500	20.0