

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
 Data File : BG021328.D
 Acq On : 6 Mar 2016 6:20
 Operator : UM/SJ
 Sample : H1650-22
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MS-SS-C70

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_G\METHODS\SOM02.2-EPA-BG030316.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	3.181	56	58	63	rVB3	2298	2851	1.19%	0.101%
2	3.264	69	72	77	rVB3	3814	5642	2.36%	0.199%
3	3.463	104	106	108	rBV	374	369	0.15%	0.013%
4	3.528	113	117	121	rVB2	1425	2355	0.99%	0.083%
5	3.634	133	135	137	rVB	507	412	0.17%	0.015%
6	3.651	137	138	142	rBV	542	596	0.25%	0.021%
7	3.898	176	180	181	rVB2	608	515	0.22%	0.018%
8	3.916	181	183	185	rBV2	403	375	0.16%	0.013%
9	3.957	188	190	194	rBV2	424	387	0.16%	0.014%
10	4.069	205	209	213	rBV3	577	818	0.34%	0.029%
11	4.480	278	279	282	rVB	603	410	0.17%	0.014%
12	4.539	286	289	290	rBV	577	465	0.19%	0.016%
13	5.197	399	401	402	rBV	427	424	0.18%	0.015%
14	7.271	748	754	763	rBB	33124	56110	23.50%	1.984%
15	7.447	778	784	792	rBB	25215	41597	17.42%	1.471%
16	7.653	813	819	826	rBB	32106	53618	22.46%	1.896%
17	8.123	893	899	906	rVB	42895	70212	29.41%	2.482%
18	8.816	1012	1017	1024	rVB2	37800	63026	26.40%	2.228%
19	9.286	1091	1097	1105	rBB	32580	59775	25.03%	2.113%
20	9.368	1109	1111	1115	rVB	632	638	0.27%	0.023%
21	10.009	1214	1220	1227	rBB2	28801	48765	20.42%	1.724%
22	10.543	1306	1311	1319	rVB	38555	65190	27.30%	2.305%
23	10.931	1370	1377	1384	rBB	63856	110774	46.39%	3.916%
24	11.066	1394	1400	1405	rBV	13323	22721	9.52%	0.803%
25	13.616	1829	1834	1838	rBB2	2476	3454	1.45%	0.122%
26	14.133	1916	1922	1926	rBV	75629	107140	44.87%	3.788%
27	14.180	1926	1930	1935	rVB	26466	37352	15.64%	1.320%
28	14.427	1965	1972	1980	rBB	83766	126543	53.00%	4.474%
29	14.609	1999	2003	2006	rBB	3535	4496	1.88%	0.159%
30	14.733	2017	2024	2031	rBB2	94365	148128	62.04%	5.237%
31	14.909	2049	2054	2063	rBV	30202	49893	20.90%	1.764%
32	15.056	2077	2079	2082	rBB	802	744	0.31%	0.026%
33	15.103	2086	2087	2089	rVV	603	390	0.16%	0.014%
34	15.138	2089	2093	2098	rVB	4813	6518	2.73%	0.230%

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35	15.226	2104	2108	2110	rBB	1078	1209	0.51%	0.043%
36	15.291	2116	2119	2122	rBB	574	503	0.21%	0.018%
37	15.508	2152	2156	2159	rBV	728	985	0.41%	0.035%
38	15.555	2159	2164	2168	rVB	7473	9514	3.98%	0.336%
39	15.602	2170	2172	2174	rBV	743	634	0.27%	0.022%
40	15.720	2185	2192	2198	rBB	109119	159553	66.82%	5.641%
41	15.773	2198	2201	2203	rBV	528	471	0.20%	0.017%
42	15.825	2205	2210	2219	rBB	34334	49149	20.58%	1.738%
43	15.937	2226	2229	2230	rBV	1597	1452	0.61%	0.051%
44	15.961	2230	2233	2236	rVB3	2612	3258	1.36%	0.115%
45	16.002	2236	2240	2242	rBV3	537	685	0.29%	0.024%
46	16.049	2245	2248	2253	rBB	738	1030	0.43%	0.036%
47	16.107	2253	2258	2261	rBV2	1188	1405	0.59%	0.050%
48	16.178	2266	2270	2273	rBB	1136	1108	0.46%	0.039%
49	16.413	2305	2310	2318	rBV2	9740	14948	6.26%	0.528%
50	16.483	2320	2322	2325	rVV	681	801	0.34%	0.028%
51	16.760	2362	2369	2372	rBV	1246	2263	0.95%	0.080%
52	16.813	2375	2378	2383	rVB	1108	1037	0.43%	0.037%
53	16.871	2385	2388	2393	rVB	707	791	0.33%	0.028%
54	16.912	2394	2395	2399	rBV	586	600	0.25%	0.021%
55	16.977	2405	2406	2409	rBV	561	565	0.24%	0.020%
56	17.206	2440	2445	2449	rVV3	6306	8434	3.53%	0.298%
57	17.259	2449	2454	2456	rVB2	1670	2209	0.93%	0.078%
58	17.306	2460	2462	2465	rVB	762	888	0.37%	0.031%
59	17.471	2484	2490	2494	rBV	126862	180736	75.70%	6.389%
60	17.512	2494	2497	2501	rVV	7416	10516	4.40%	0.372%
61	17.565	2501	2506	2515	rVB2	113046	170488	71.40%	6.027%
62	17.629	2516	2517	2520	rBB2	451	425	0.18%	0.015%
63	17.758	2537	2539	2542	rVB	446	484	0.20%	0.017%
64	17.870	2554	2558	2560	rVB2	642	813	0.34%	0.029%
65	17.935	2567	2569	2573	rVV3	1510	1396	0.58%	0.049%
66	17.988	2575	2578	2580	rBB	379	383	0.16%	0.014%
67	18.023	2580	2584	2586	rBB	527	539	0.23%	0.019%
68	18.217	2615	2617	2622	rVB	614	676	0.28%	0.024%
69	18.276	2624	2627	2629	rBV	722	679	0.28%	0.024%
70	18.334	2633	2637	2643	rVV	17007	21634	9.06%	0.765%
71	18.381	2643	2645	2650	rVV3	1477	2375	0.99%	0.084%

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72	18.417	2650	2651	2655	rVB	1152	907	0.38%	0.032%
73	18.464	2658	2659	2661	rVB	611	396	0.17%	0.014%
74	18.481	2661	2662	2665	rBV	556	369	0.15%	0.013%
75	18.534	2668	2671	2676	rBV2	1460	2718	1.14%	0.096%
76	18.628	2684	2687	2688	rBV	1182	847	0.35%	0.030%
77	18.757	2705	2709	2712	rBV	1157	952	0.40%	0.034%
78	18.834	2715	2722	2723	rBV2	1292	1781	0.75%	0.063%
79	18.863	2723	2727	2732	rVB2	25386	29787	12.48%	1.053%
80	18.904	2732	2734	2737	rBV	473	444	0.19%	0.016%
81	18.963	2743	2744	2747	rBV	352	415	0.17%	0.015%
82	19.086	2761	2765	2766	rBV	541	574	0.24%	0.020%
83	19.127	2771	2772	2775	rVB	721	530	0.22%	0.019%
84	19.192	2780	2783	2784	rVB	618	486	0.20%	0.017%
85	19.245	2790	2792	2798	rVB3	1730	1611	0.67%	0.057%
86	19.333	2805	2807	2811	rVB	668	802	0.34%	0.028%
87	19.380	2811	2815	2816	rBV	1279	1255	0.53%	0.044%
88	19.409	2818	2820	2822	rVV	726	759	0.32%	0.027%
89	19.456	2826	2828	2829	rVV	787	642	0.27%	0.023%
90	19.509	2829	2837	2841	rVB	21462	31933	13.37%	1.129%
91	19.598	2848	2852	2858	rVB2	3478	5475	2.29%	0.194%
92	19.650	2858	2861	2863	rBV3	1775	1692	0.71%	0.060%
93	19.838	2887	2893	2903	rBV2	145334	238767	100.00%	8.441%
94	20.167	2944	2949	2953	rBV2	48554	56860	23.81%	2.010%
95	20.455	2994	2998	3000	rVB2	3057	3300	1.38%	0.117%
96	21.348	3146	3150	3159	rBV3	24897	43140	18.07%	1.525%
97	21.730	3207	3215	3220	rBV	138384	232582	97.41%	8.222%
98	23.193	3460	3464	3472	rVB4	22957	43708	18.31%	1.545%
99	24.756	3722	3730	3739	rBV	65297	169084	70.82%	5.978%
100	24.974	3759	3767	3777	rVB2	75025	209516	87.75%	7.407%

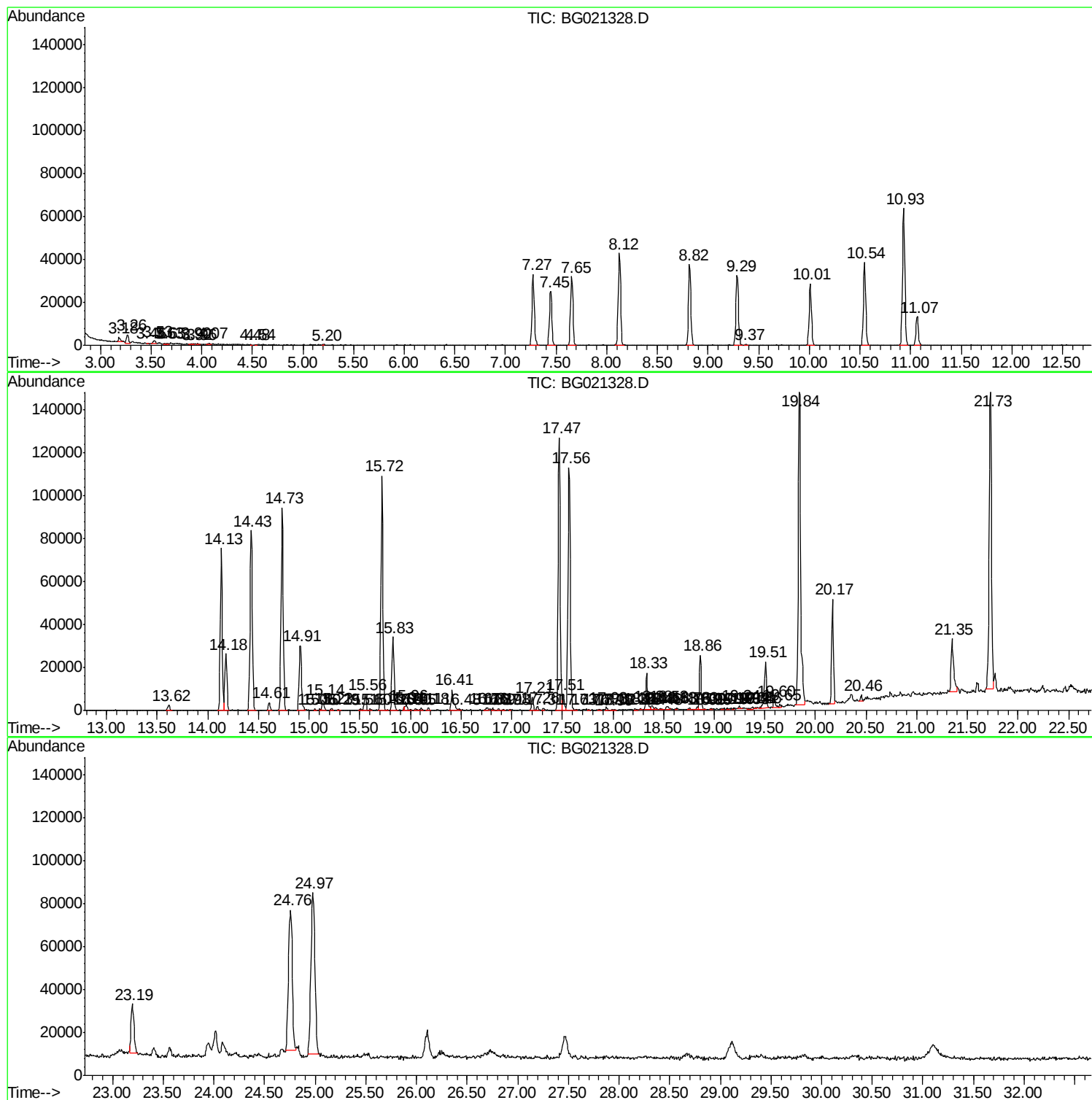
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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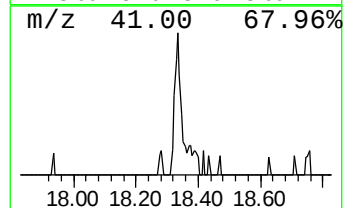
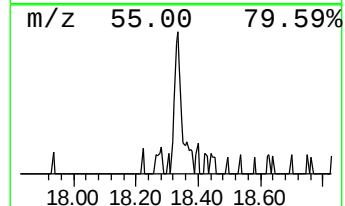
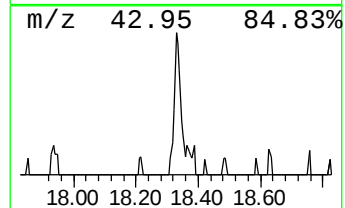
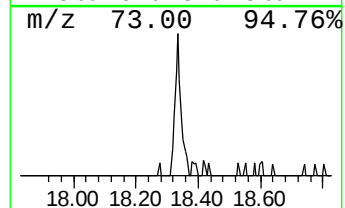
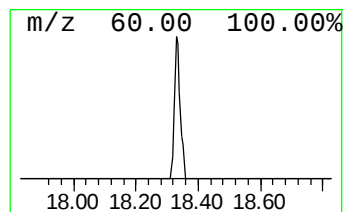
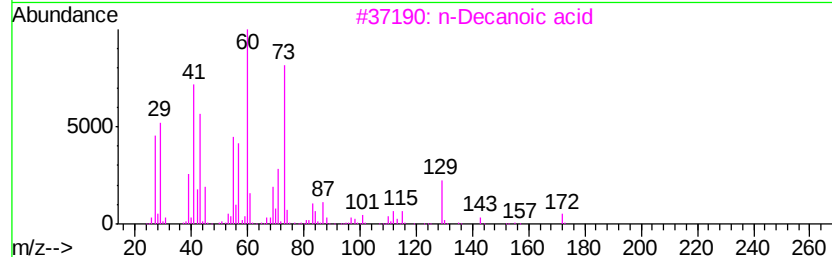
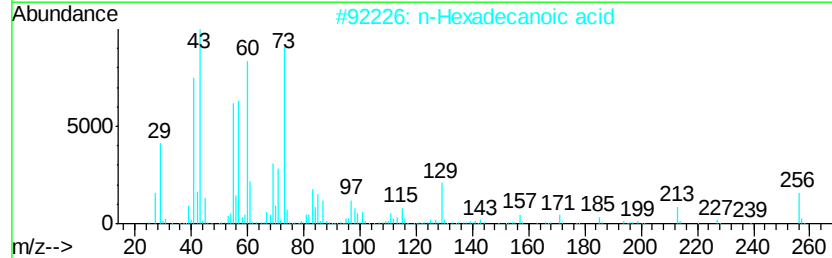
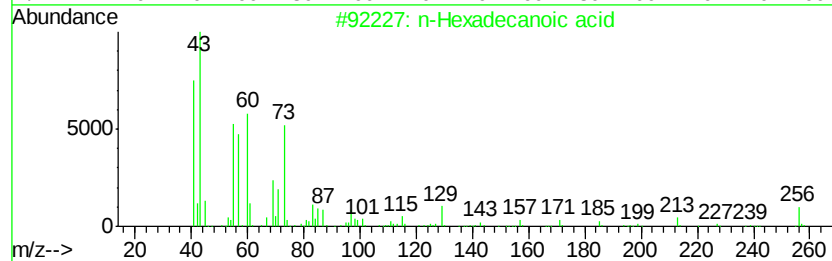
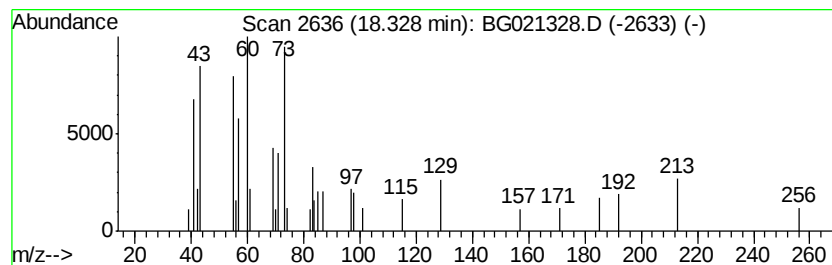
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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.
18.33	2.39 ng/ul	21634	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50
3		n-Decanoic acid	172	C10H20O2	000334-48-5	43
4		Undecanoic acid	186	C11H22O2	000112-37-8	35
5		Dodecane	170	C12H26	000112-40-3	10



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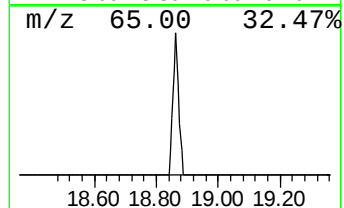
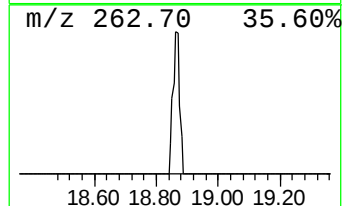
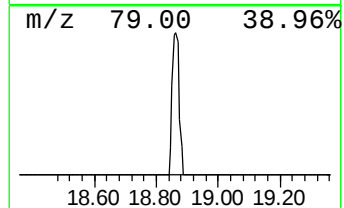
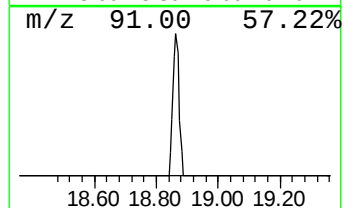
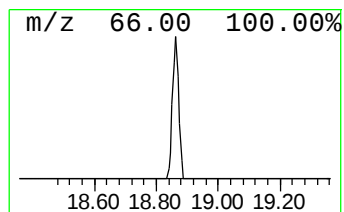
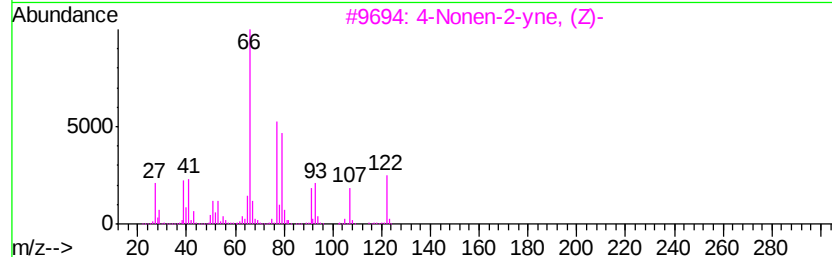
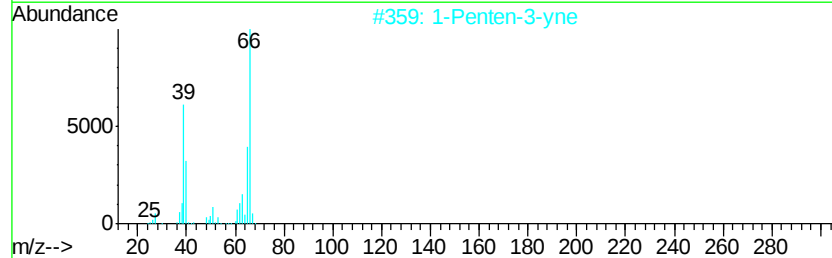
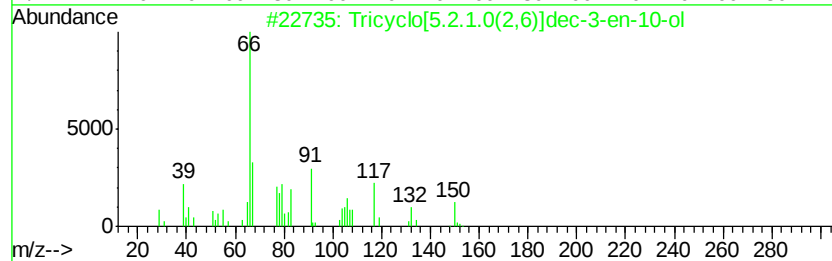
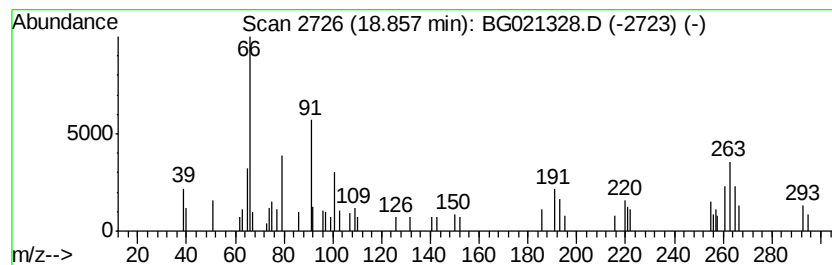
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tricyclo[5.2.1.0(2,6)]dec-3... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	3.30 ng/ul	29787	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[5.2.1.0(2,6)]dec-3-en-1...	150	C10H14O	039852-87-4	53
2		1-Penten-3-yne	66	C5H6	000646-05-9	53
3		4-Nonen-2-yne, (Z)-	122	C9H14	053497-78-2	53
4		cis-1,2-Dihydrocatechol	112	C6H8O2	017793-95-2	42
5		Bicyclo[2.2.1]hept-2-ene, 5-ethy...	120	C9H12	016219-75-3	42



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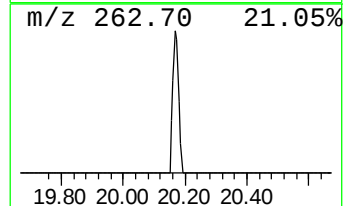
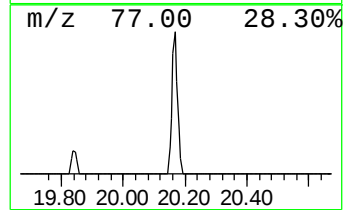
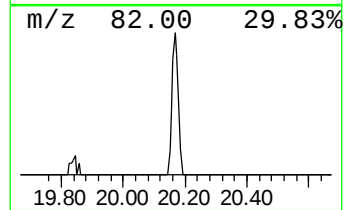
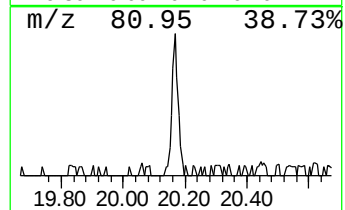
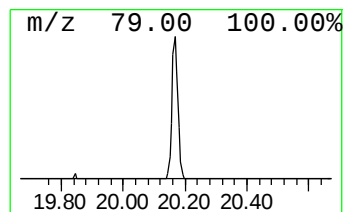
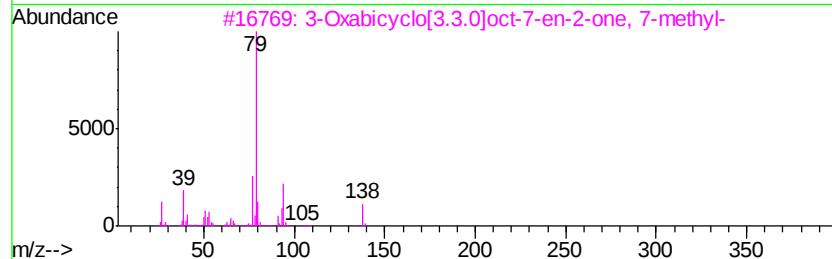
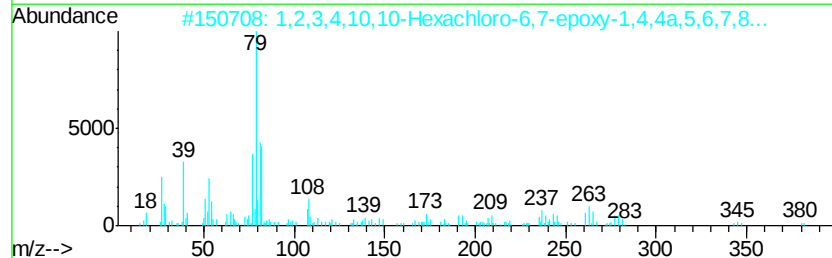
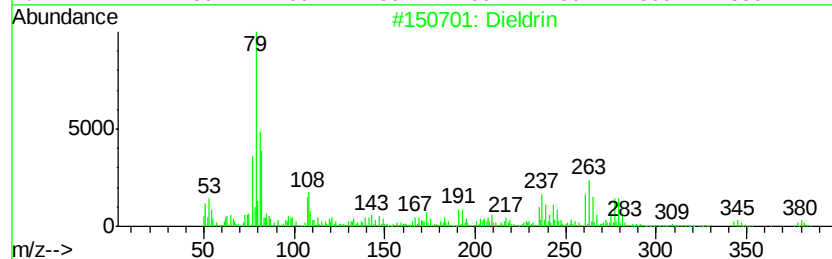
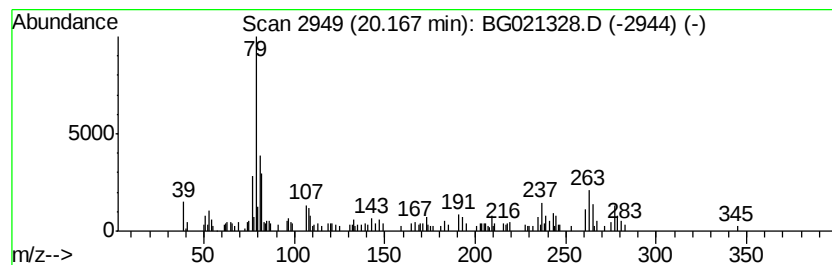
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Dieldrin Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	4.89 ng/ul	56860	Chrysene-d12	21.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dieldrin	378	C12H8Cl6O	000060-57-1	64
2		1,2,3,4,10,10-Hexachloro-6,7-epo...	378	C12H8Cl6O	056816-04-7	52
3		3-Oxabicyclo[3.3.0]oct-7-en-2-on...	138	C8H10O2	1000155-62-4	38
4		Bicyclo[3.1.0]hexane, 6-methylene-	94	C7H10	054211-16-4	38
5		1,3-Cyclohexadiene, 5-ethyl-	108	C8H12	040085-08-3	32



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021328.D
Acq On : 6 Mar 2016 6:20
Operator : UM/SJ
Sample : H1650-22
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MS-SS-C70

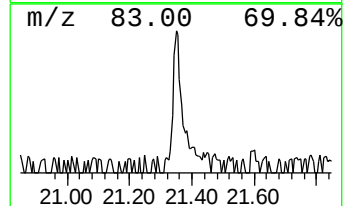
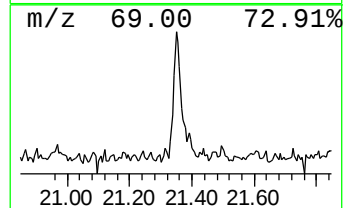
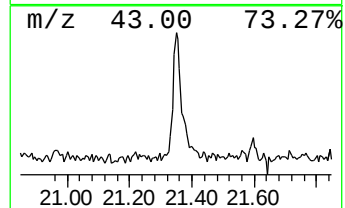
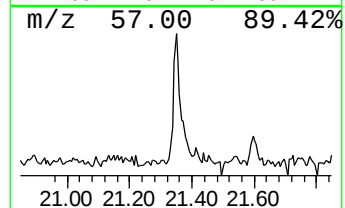
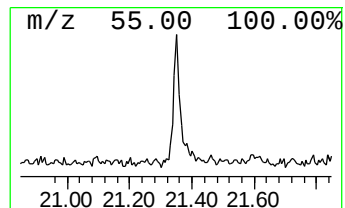
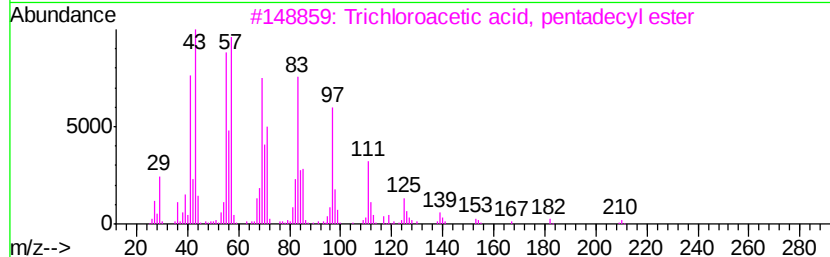
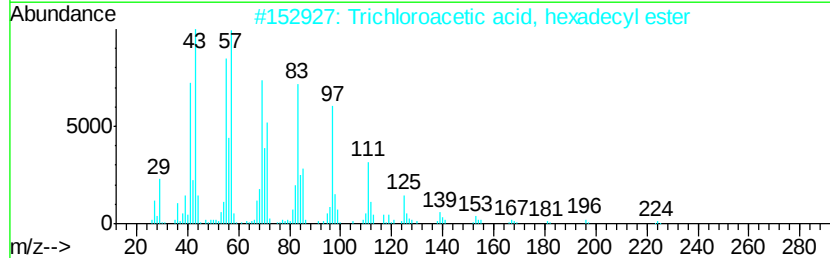
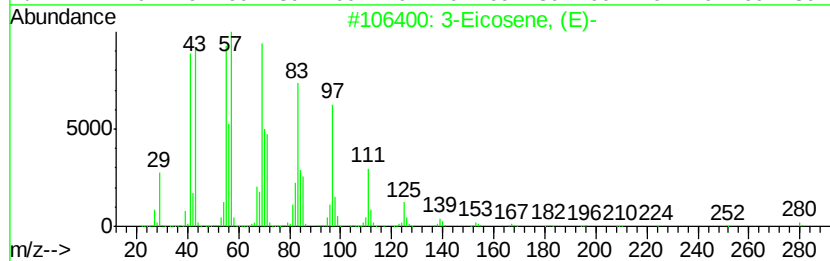
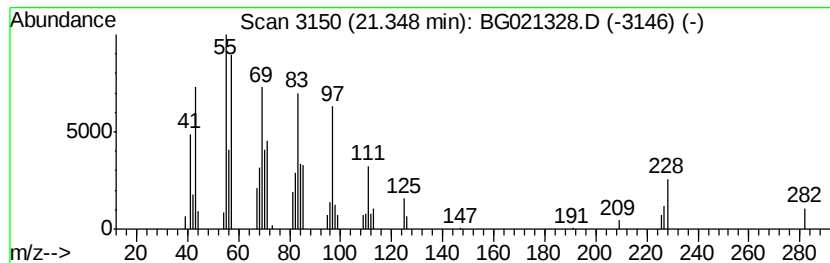
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic21.35 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	3.71 ng/ul	43140	Chrysene-d12	21.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87
4		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	87
5		5-Eicosene, (E)-	280	C20H40	074685-30-6	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021328.D
Acq On : 6 Mar 2016 6:20
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Sample : H1650-22
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MS-SS-C70

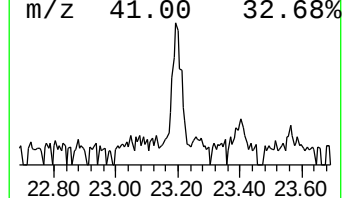
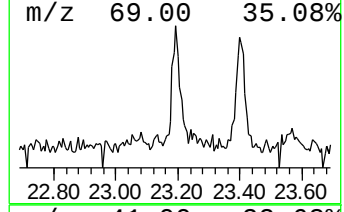
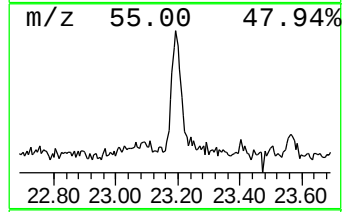
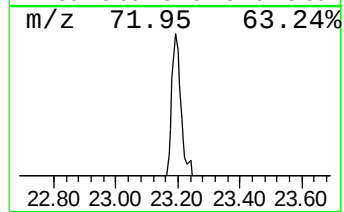
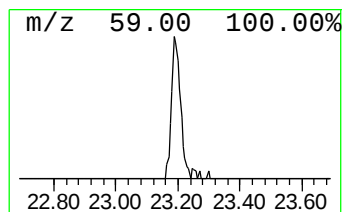
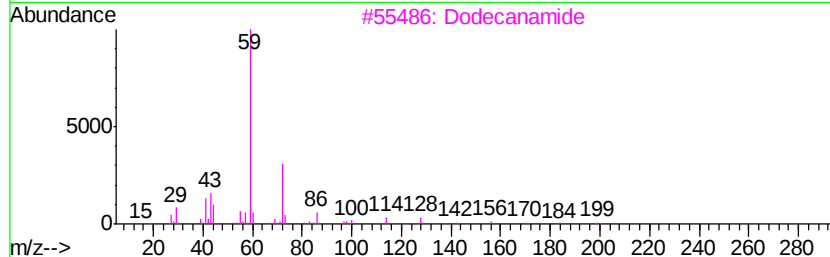
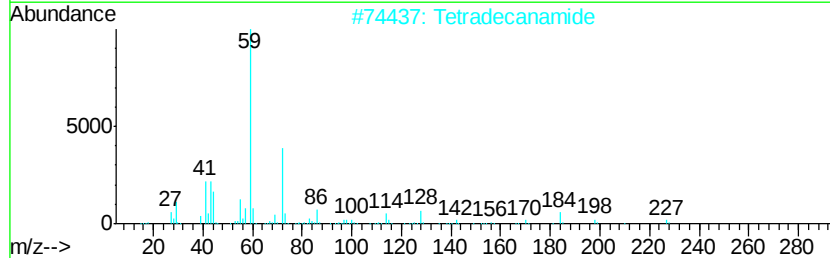
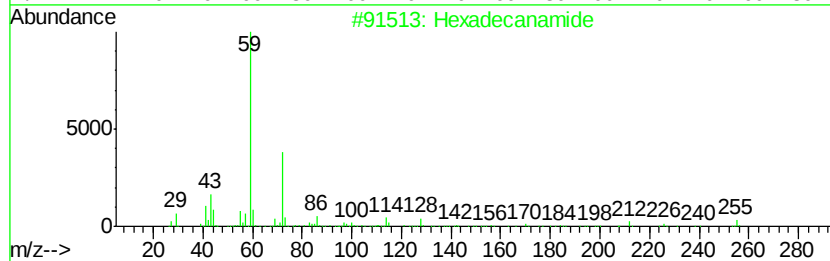
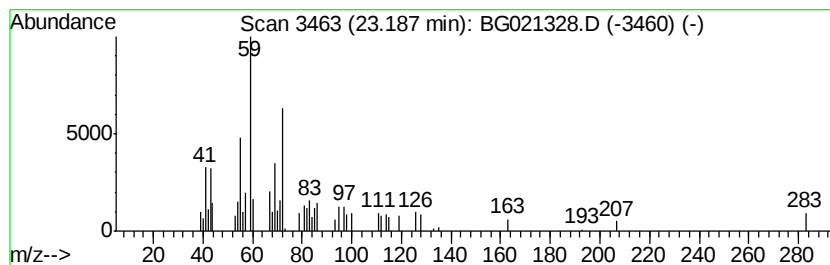
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Hexadecanamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	3.76 ng/ul	43708	Chrysene-d12	21.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanamide		255	C16H33NO	000629-54-9	64
2	Tetradecanamide		227	C14H29NO	000638-58-4	64
3	Dodecanamide		199	C12H25NO	001120-16-7	59
4	3-Hydroxy-3-methyl-butyrac acid,...		132	C5H12N2O2	1000193-80-2	59
5	Decanamide-		171	C10H21NO	002319-29-1	45



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
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Operator : UM/SJ
Sample : H1650-22
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MS-SS-C70

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.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	18.33	2.4	ng/ul	21634	4	17.47	180736	20.0
Tricyclo[5.2.1.0(...	18.86	3.3	ng/ul	29787	4	17.47	180736	20.0
Dieldrin	20.17	4.9	ng/ul	56860	5	21.73	232582	20.0
(DEL) Alkane: Cyc...	21.35	3.7	ng/ul	43140	5	21.73	232582	20.0
Hexadecanamide	23.19	3.8	ng/ul	43708	5	21.73	232582	20.0