

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
 Data File : BG021308.D
 Acq On : 5 Mar 2016 16:37
 Operator : UM/SJ
 Sample : H1650-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MS-SS-A210

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	3.528	114	117	125	rVB4	2195	3279	1.03%	0.091%
2	4.868	341	345	347	rVV	530	620	0.20%	0.017%
3	7.271	748	754	762	rBV	44980	78795	24.81%	2.187%
4	7.447	777	784	791	rBV	35875	58679	18.48%	1.629%
5	7.653	813	819	827	rBB	46395	76127	23.97%	2.113%
6	8.129	894	900	906	rBB	34545	58085	18.29%	1.612%
7	8.816	1011	1017	1026	rBV	57895	96326	30.33%	2.673%
8	9.286	1091	1097	1104	rBV	46474	81847	25.77%	2.271%
9	10.009	1214	1220	1227	rVB2	41413	69489	21.88%	1.929%
10	10.544	1305	1311	1319	rBB2	53427	94833	29.86%	2.632%
11	10.932	1370	1377	1384	rBB	53769	92593	29.15%	2.570%
12	11.067	1393	1400	1410	rBV	176652	317602	100.00%	8.814%
13	13.622	1829	1835	1837	rBB	1304	1735	0.55%	0.048%
14	14.134	1916	1922	1926	rBV	107860	149825	47.17%	4.158%
15	14.181	1926	1930	1935	rVB	27878	38130	12.01%	1.058%
16	14.433	1965	1973	1979	rBV	115322	177925	56.02%	4.938%
17	14.610	1999	2003	2007	rBB2	3230	3870	1.22%	0.107%
18	14.733	2016	2024	2032	rBB2	80410	122992	38.73%	3.413%
19	14.909	2049	2054	2063	rBV	54538	87087	27.42%	2.417%
20	14.968	2063	2064	2069	rVB	950	898	0.28%	0.025%
21	15.226	2105	2108	2111	rBV	613	772	0.24%	0.021%
22	15.556	2160	2164	2168	rBB	5510	6694	2.11%	0.186%
23	15.720	2186	2192	2199	rBB	147803	223293	70.31%	6.197%
24	15.826	2205	2210	2217	rBB	53546	77104	24.28%	2.140%
25	15.961	2226	2233	2236	rBB2	2168	3569	1.12%	0.099%
26	16.102	2256	2257	2260	rBB	624	629	0.20%	0.017%
27	16.413	2306	2310	2314	rBV	5882	8407	2.65%	0.233%
28	16.754	2366	2368	2373	rBB2	750	957	0.30%	0.027%
29	17.201	2441	2444	2448	rBB	2064	2621	0.83%	0.073%
30	17.471	2484	2490	2496	rVV	104549	155858	49.07%	4.325%
31	17.571	2500	2507	2517	rBB	166916	249466	78.55%	6.923%
32	18.276	2623	2627	2631	rBV2	688	949	0.30%	0.026%
33	18.335	2633	2637	2644	rVV2	23465	32875	10.35%	0.912%
34	18.382	2644	2645	2646	rVV	1349	644	0.20%	0.018%

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Integrator: RTE
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 Title : SVOA CALIBRATION

35	18.452	2653	2657	2659	rVB2	456	666	0.21%	0.018%
36	18.752	2706	2708	2710	rBV	588	619	0.19%	0.017%
37	18.811	2715	2718	2722	rBV2	525	703	0.22%	0.020%
38	19.316	2803	2804	2807	rBV2	699	686	0.22%	0.019%
39	19.380	2811	2815	2817	rBV2	728	985	0.31%	0.027%
40	19.480	2827	2832	2834	rVV3	1038	1562	0.49%	0.043%
41	19.598	2848	2852	2859	rVB3	8336	10520	3.31%	0.292%
42	19.733	2871	2875	2879	rBV3	1082	1509	0.48%	0.042%
43	19.845	2886	2894	2901	rBV	208554	293514	92.42%	8.146%
44	20.103	2934	2938	2940	rBV4	536	653	0.21%	0.018%
45	20.197	2951	2954	2956	rBV3	834	1160	0.37%	0.032%
46	20.326	2972	2976	2979	rVV4	1070	1388	0.44%	0.039%
47	20.397	2985	2988	2989	rBV2	955	973	0.31%	0.027%
48	20.450	2995	2997	2999	rVV3	802	823	0.26%	0.023%
49	20.503	3002	3006	3009	rVV3	802	1160	0.37%	0.032%
50	20.532	3009	3011	3014	rVB3	634	630	0.20%	0.017%
51	20.843	3062	3064	3066	rBV2	1301	1072	0.34%	0.030%
52	20.961	3082	3084	3088	rBV4	1750	1905	0.60%	0.053%
53	21.131	3111	3113	3116	rBV4	1322	1447	0.46%	0.040%
54	21.302	3140	3142	3143	rBV2	1381	1173	0.37%	0.033%
55	21.349	3146	3150	3159	rVV	21761	38917	12.25%	1.080%
56	21.413	3159	3161	3162	rVB2	990	673	0.21%	0.019%
57	21.596	3188	3192	3196	rBV4	2037	3542	1.12%	0.098%
58	21.731	3209	3215	3221	rBV	110954	183946	57.92%	5.105%
59	21.813	3227	3229	3232	rBV3	1419	1968	0.62%	0.055%
60	22.042	3266	3268	3269	rBV2	1181	1025	0.32%	0.028%
61	22.107	3278	3279	3281	rBV2	1503	924	0.29%	0.026%
62	22.430	3332	3334	3337	rVB4	1722	1866	0.59%	0.052%
63	22.459	3337	3339	3340	rBV	1322	1194	0.38%	0.033%
64	22.524	3342	3350	3351	rBV6	3489	6719	2.12%	0.186%
65	22.541	3351	3353	3356	rVB4	1638	1663	0.52%	0.046%
66	23.194	3458	3464	3476	rVB3	24470	48997	15.43%	1.360%
67	23.399	3496	3499	3501	rBV4	2183	3209	1.01%	0.089%
68	23.564	3523	3527	3533	rBV5	4801	8136	2.56%	0.226%
69	24.028	3600	3606	3611	rBV6	6102	14275	4.49%	0.396%
70	24.087	3611	3616	3629	rVB5	14552	42863	13.50%	1.190%
71	24.234	3639	3641	3645	rVB5	1406	1515	0.48%	0.042%

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72	24.328	3655	3657	3658	rBV2	1781	1435	0.45%	0.040%
73	24.756	3718	3730	3743	rBV	99294	271729	85.56%	7.541%
74	24.921	3756	3758	3759	rBV	1378	947	0.30%	0.026%
75	24.986	3759	3769	3781	rVB3	63236	180179	56.73%	5.000%
76	25.268	3815	3817	3818	rVB3	1366	611	0.19%	0.017%
77	25.503	3853	3857	3860	rBV5	1975	2733	0.86%	0.076%
78	26.114	3952	3961	3971	rVB5	11015	34799	10.96%	0.966%
79	26.237	3976	3982	3987	rBV9	3587	8299	2.61%	0.230%
80	26.443	4013	4017	4019	rBV5	1433	2152	0.68%	0.060%
81	26.883	4090	4092	4093	rBV	1478	1349	0.42%	0.037%
82	27.212	4146	4148	4149	rBV	1222	651	0.20%	0.018%
83	27.465	4189	4191	4197	rVB6	2664	4005	1.26%	0.111%
84	27.712	4231	4233	4234	rVB2	1429	626	0.20%	0.017%
85	27.841	4253	4255	4256	rBV2	1869	1101	0.35%	0.031%
86	28.041	4286	4289	4291	rBV3	1520	1680	0.53%	0.047%
87	28.805	4418	4419	4421	rVB2	1726	1011	0.32%	0.028%
88	29.075	4462	4465	4466	rBV3	2369	2409	0.76%	0.067%
89	29.128	4466	4474	4480	rVB8	4068	14078	4.43%	0.391%
90	29.286	4499	4501	4504	rBV4	1340	1218	0.38%	0.034%
91	29.668	4564	4566	4567	rBV	1525	778	0.24%	0.022%
92	30.162	4648	4650	4651	rBV2	1250	693	0.22%	0.019%
93	30.315	4673	4676	4679	rBV4	1722	2413	0.76%	0.067%
94	30.832	4763	4764	4766	rBV2	1300	619	0.19%	0.017%
95	31.078	4804	4806	4808	rBV3	1465	1583	0.50%	0.044%
96	31.220	4828	4830	4833	rVB3	1352	706	0.22%	0.020%
97	31.989	4959	4961	4962	rBV	1536	1021	0.32%	0.028%
98	32.301	5012	5014	5018	rBV3	1460	2118	0.67%	0.059%
99	32.365	5023	5025	5028	rBV3	1335	1138	0.36%	0.032%
100	32.436	5034	5037	5039	rBV4	1685	2012	0.63%	0.056%

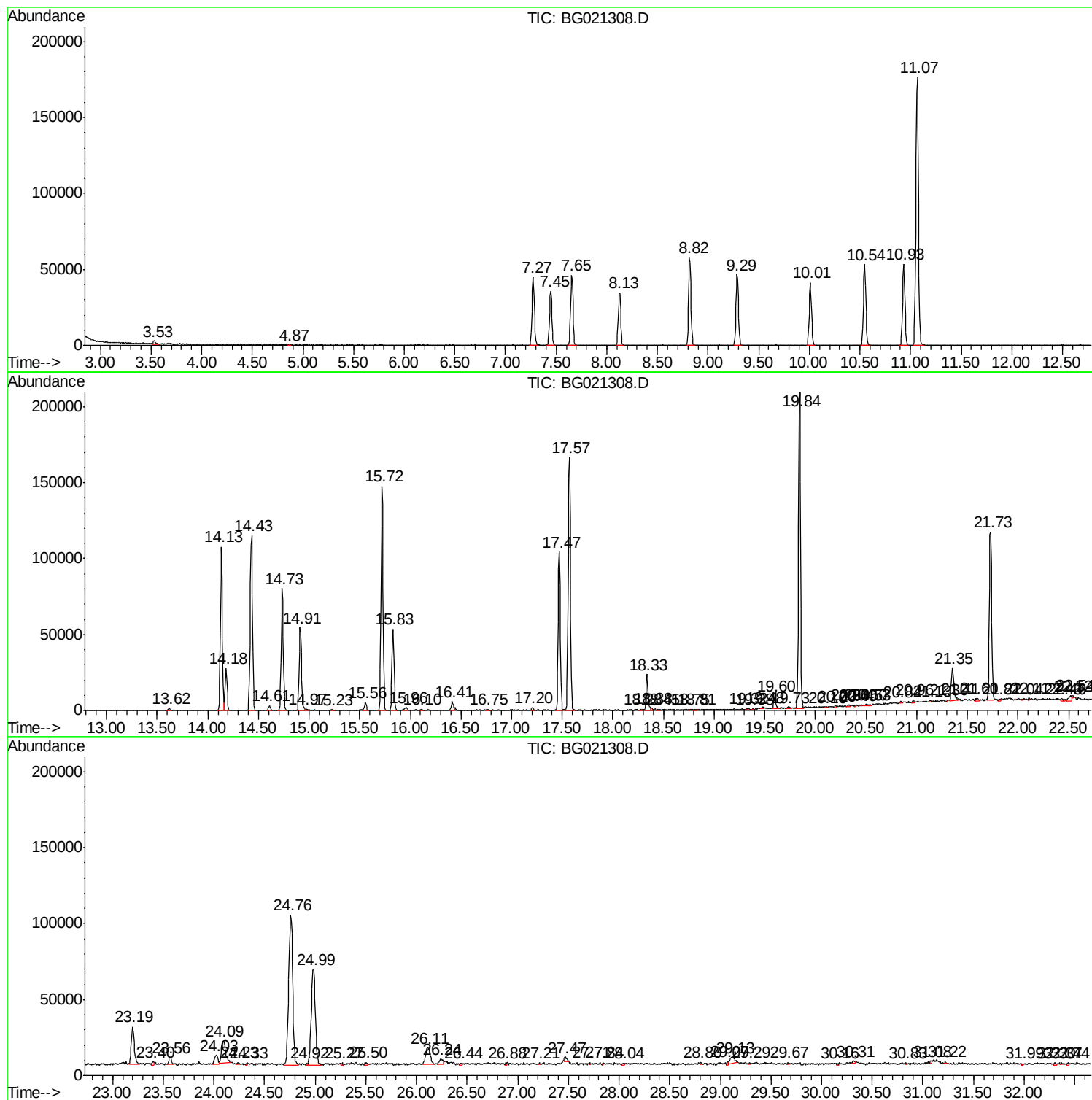
Sum of corrected areas: 3603248

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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



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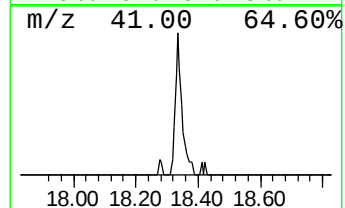
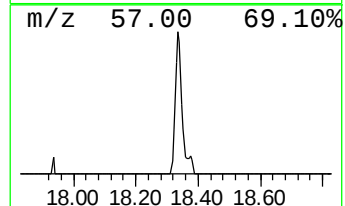
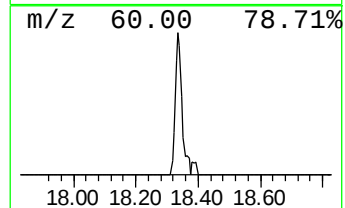
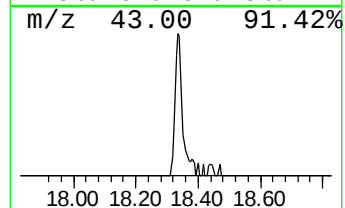
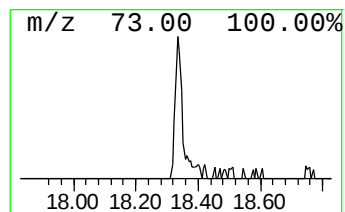
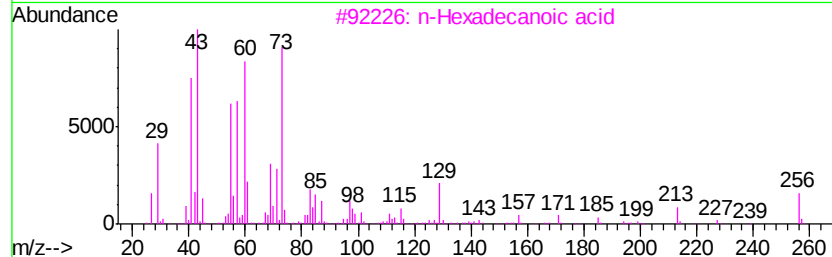
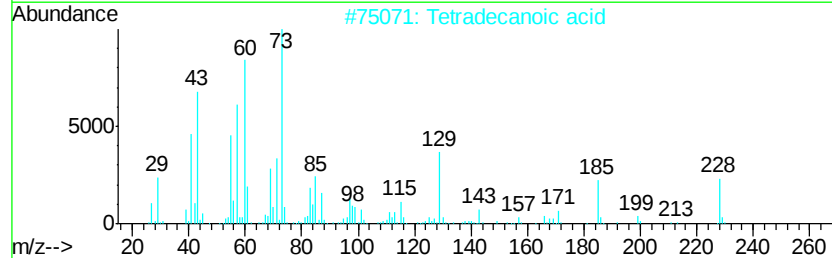
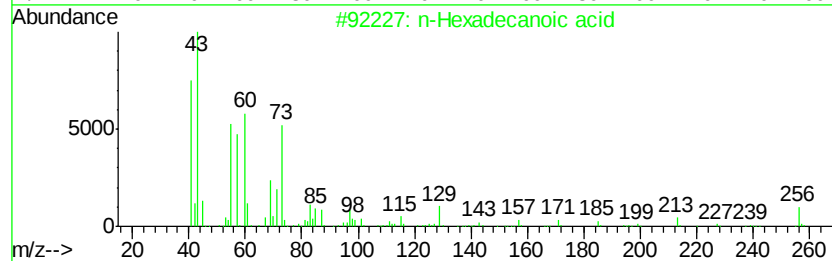
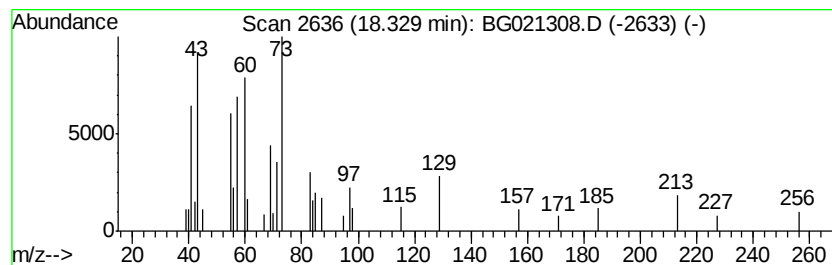
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	4.22 ng/ul	32875	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	59



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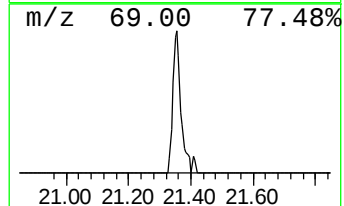
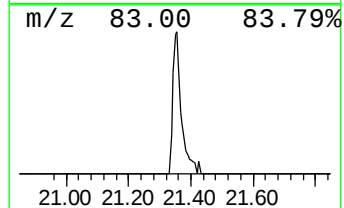
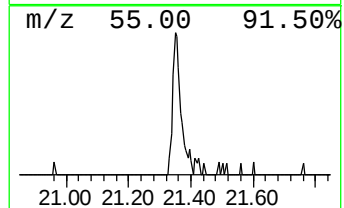
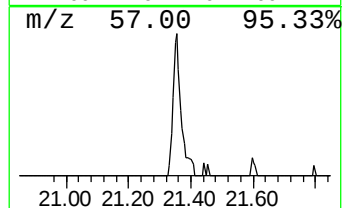
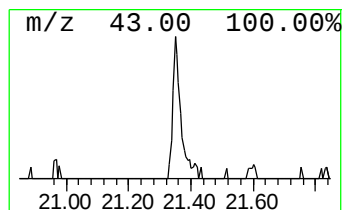
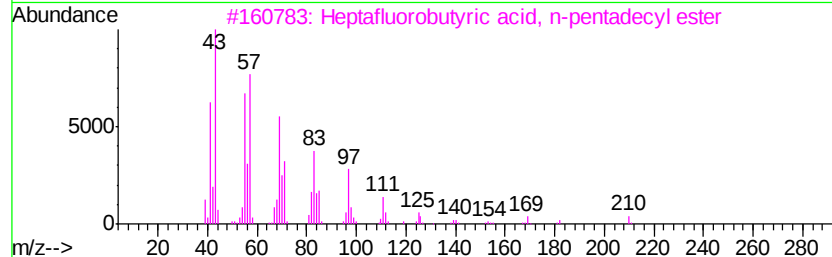
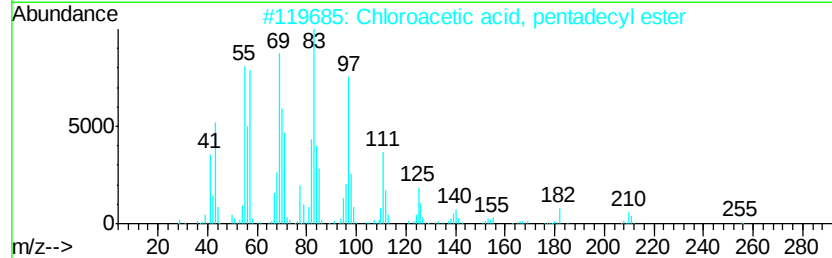
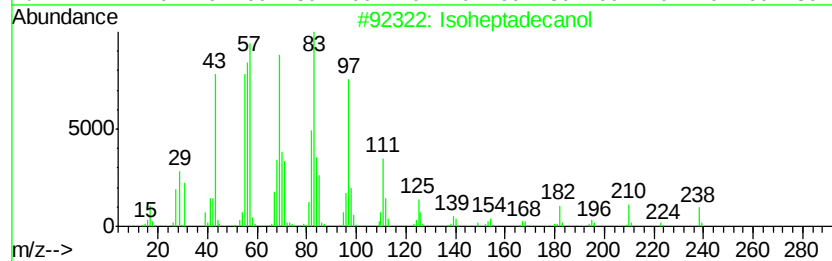
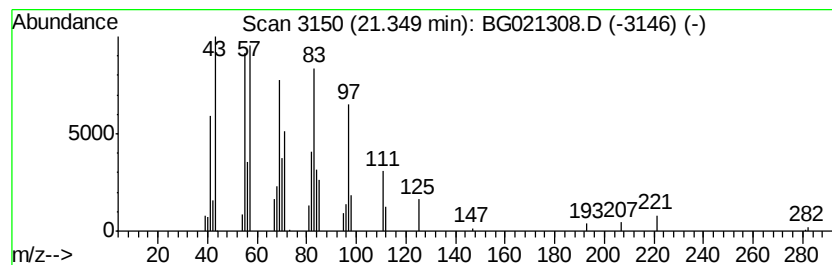
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Isoheptadecanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	4.23 ng/ul	38917	Chrysene-d12	21.73
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Isoheptadecanol	256 C17H36O	057289-07-3 91
2		Chloroacetic acid, pentadecyl ester	304 C17H33ClO2	070301-47-2 91
3		Heptafluorobutyric acid, n-penta...	424 C19H31F7O2	1000216-79-3 91
4		Trifluoroacetic acid, n-heptadec...	324 C17H31F3O2	1000216-79-2 91
5		Acetic acid, trifluoro-, tetradec...	310 C16H29F3O2	006222-02-2 91



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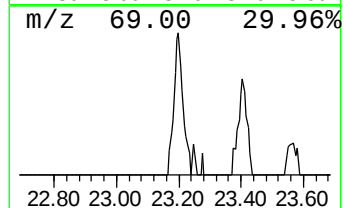
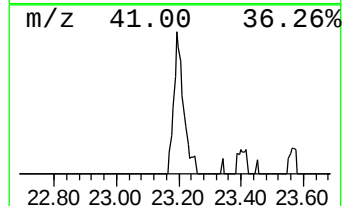
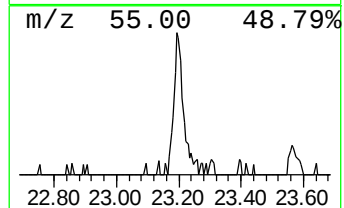
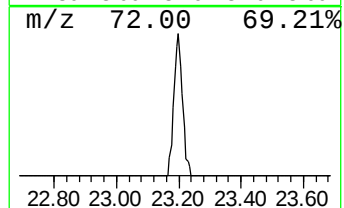
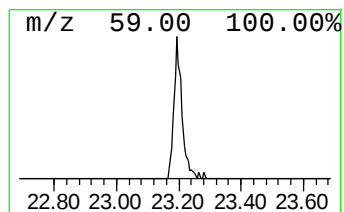
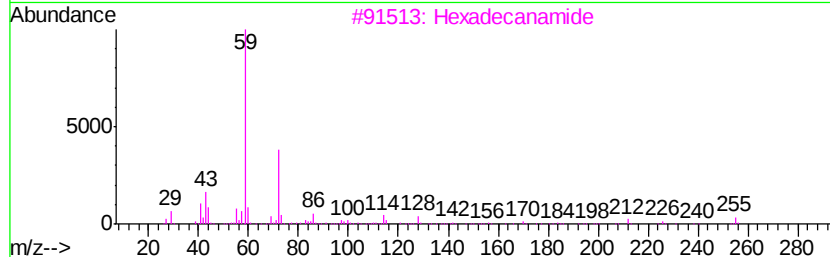
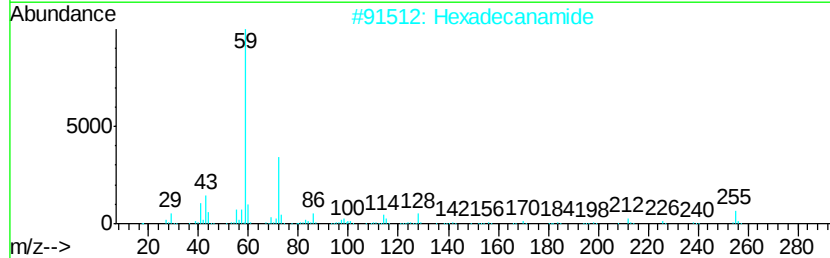
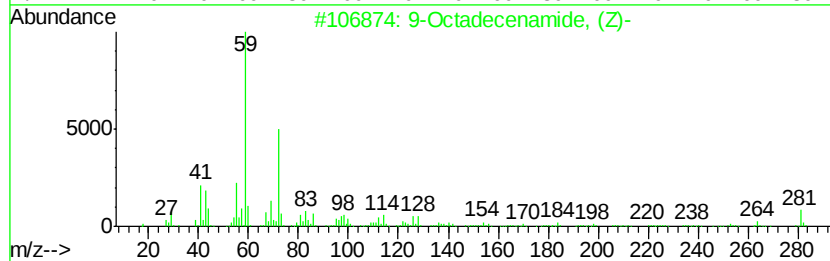
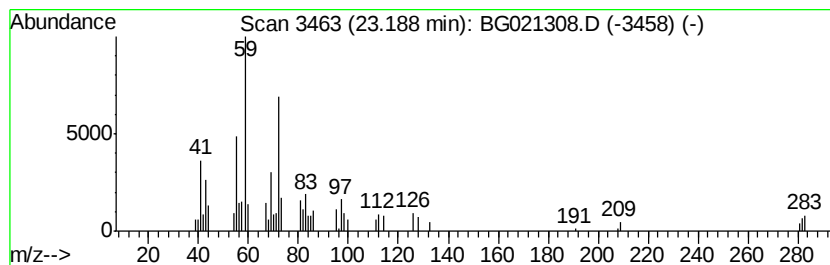
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	5.33 ng/ul	48997	Chrysene-d12	21.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
2		Hexadecanamide	255	C16H33NO	000629-54-9	72
3		Hexadecanamide	255	C16H33NO	000629-54-9	72
4		Dodecanamide	199	C12H25NO	001120-16-7	64
5		7-Nonenamide	155	C9H17NO	090949-53-4	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021308.D
Acq On : 5 Mar 2016 16:37
Operator : UM/SJ
Sample : H1650-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

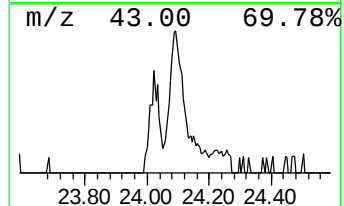
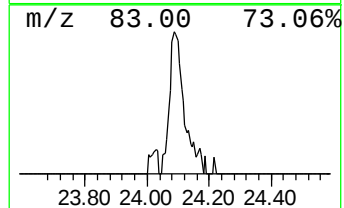
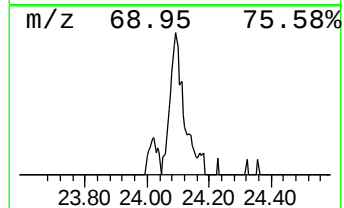
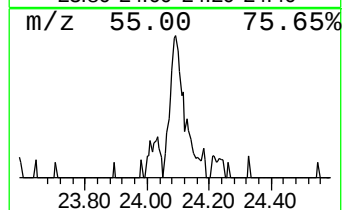
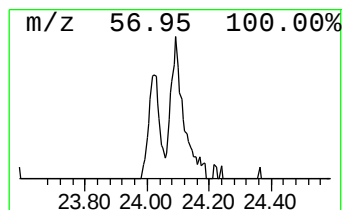
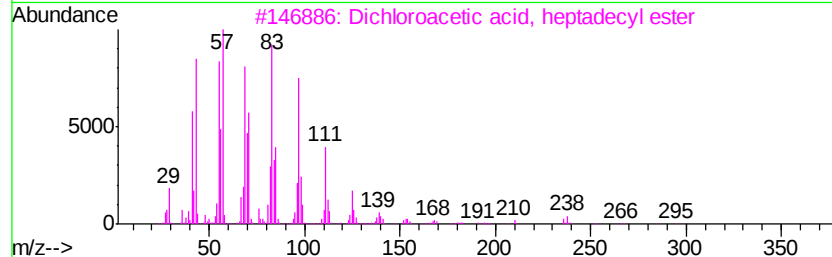
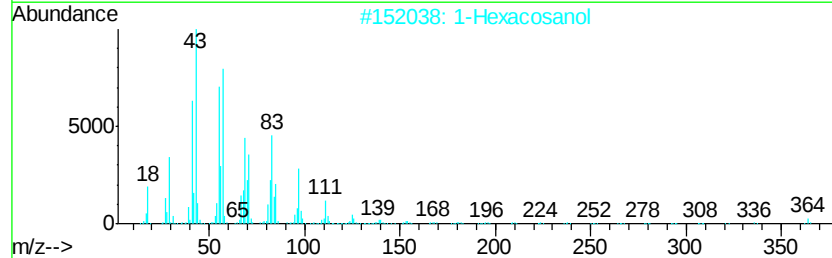
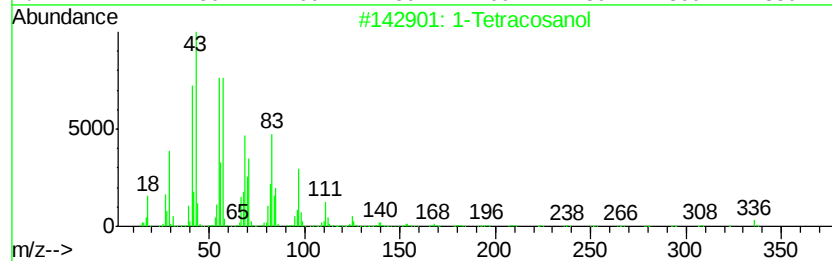
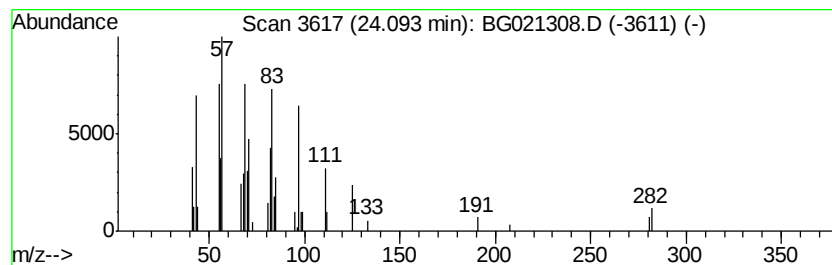
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ClientSampleId :
MS-SS-A210

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 4 1-Tetracosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.09	4.76 ng/ul	42863	Perylene-d12	24.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Tetracosanol	354 C24H50O	000506-51-4	87
2	1-Hexacosanol	382 C26H54O	000506-52-5	87
3	Dichloroacetic acid, heptadecyl ...	366 C19H36Cl2O2	1000282-98-2	87
4	1-Nonadecanol	284 C19H40O	001454-84-8	87
5	1-Heptadecanol	256 C17H36O	001454-85-9	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021308.D
Acq On : 5 Mar 2016 16:37
Operator : UM/SJ
Sample : H1650-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MS-SS-A210

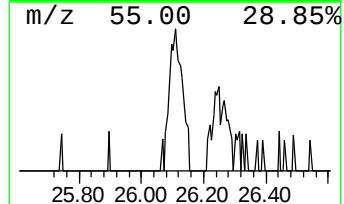
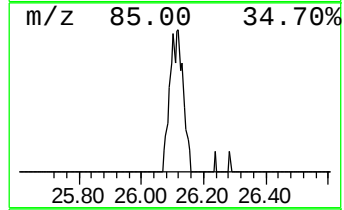
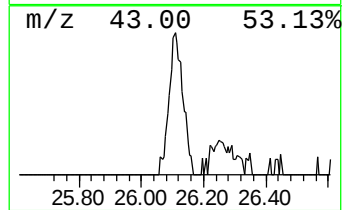
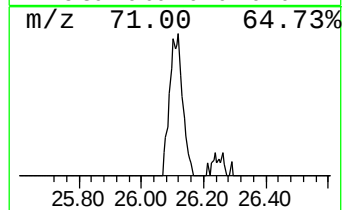
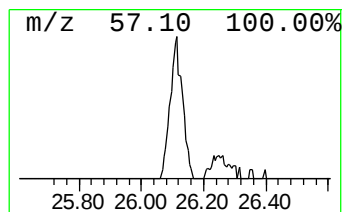
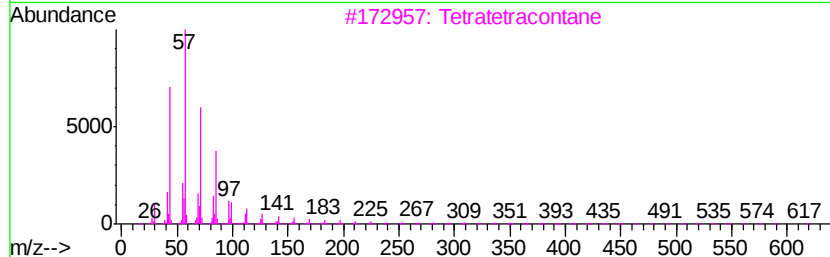
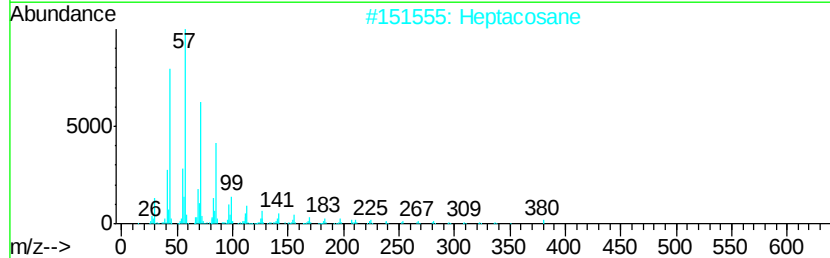
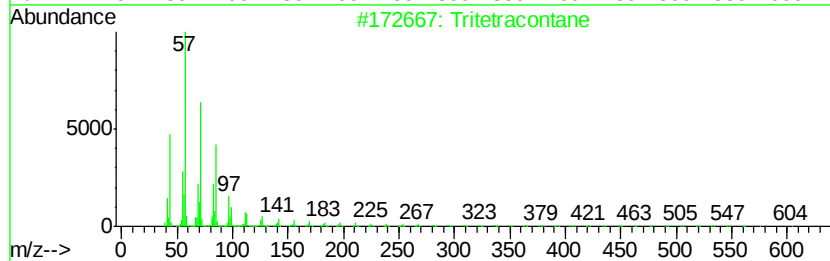
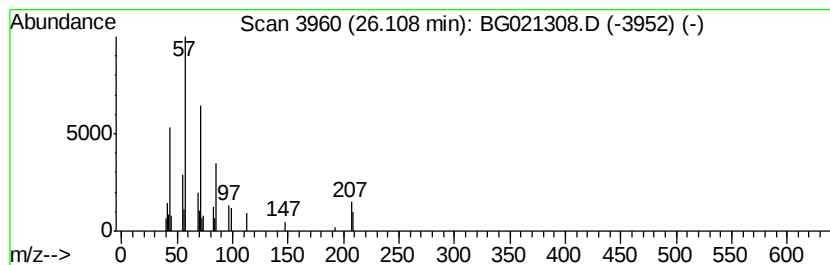
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.11	3.86 ng/ul	34799	Perylene-d12	24.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tritetracontane	605	C43H88	007098-21-7	80
2		Heptacosane	380	C27H56	000593-49-7	80
3		Tetratetracontane	619	C44H90	007098-22-8	80
4		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	80
5		Eicosane	282	C20H42	000112-95-8	74



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021308.D
Acq On : 5 Mar 2016 16:37
Operator : UM/SJ
Sample : H1650-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MS-SS-A210

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	4.2	ng/ul	32875	4	17.47	155858	20.0
Isoheptadecanol	21.35	4.2	ng/ul	38917	5	21.73	183946	20.0
9-Octadecenamide, ...	23.19	5.3	ng/ul	48997	5	21.73	183946	20.0
1-Tetracosanol	24.09	4.8	ng/ul	42863	6	24.98	180179	20.0
(DEL) Alkane: Str...	26.11	3.9	ng/ul	34799	6	24.98	180179	20.0