

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
 Data File : BG019035.D
 Acq On : 5 Oct 2015 20:13
 Operator : UM/NP
 Sample : G3900-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AA1

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-BG100415.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	2.884	3	8	30	rVB	195246	433417	33.86%	2.210%
2	3.166	50	56	65	rBV	140407	261969	20.47%	1.336%
3	3.237	65	68	81	rVB	90250	136196	10.64%	0.695%
4	3.496	109	112	118	rBV2	7323	9769	0.76%	0.050%
5	3.766	154	158	163	rBV	5334	7897	0.62%	0.040%
6	7.021	708	712	720	rBV6	4482	8928	0.70%	0.046%
7	7.197	735	742	751	rVB	148554	248493	19.42%	1.267%
8	7.373	764	772	781	rVB	112923	184109	14.38%	0.939%
9	7.579	800	807	816	rVB	142215	234178	18.30%	1.194%
10	8.049	879	887	894	rBV	121010	210949	16.48%	1.076%
11	8.742	998	1005	1013	rBV	181827	300413	23.47%	1.532%
12	9.201	1076	1083	1091	rBV	140689	246391	19.25%	1.257%
13	9.306	1097	1101	1106	rBV4	5286	9203	0.72%	0.047%
14	9.929	1199	1207	1215	rVB	113576	202736	15.84%	1.034%
15	10.464	1291	1298	1306	rBV	183471	316327	24.72%	1.613%
16	10.622	1321	1325	1332	rVB2	3416	6380	0.50%	0.033%
17	10.852	1357	1364	1372	rBV	189104	328112	25.64%	1.673%
18	10.981	1378	1386	1394	rBV	143371	263897	20.62%	1.346%
19	11.498	1469	1474	1480	rVB4	5637	10112	0.79%	0.052%
20	13.037	1731	1736	1742	rBV2	5842	8758	0.68%	0.045%
21	13.278	1772	1777	1783	rBV3	9421	13583	1.06%	0.069%
22	13.472	1804	1810	1819	rVV5	4103	7758	0.61%	0.040%
23	13.566	1821	1826	1830	rVB2	3474	5442	0.43%	0.028%
24	14.071	1906	1912	1917	rBV	338689	514904	40.23%	2.626%
25	14.118	1917	1920	1927	rVB	192627	256985	20.08%	1.311%
26	14.365	1955	1962	1973	rVB	383487	607753	47.49%	3.099%
27	14.571	1993	1997	2001	rVB	4869	6165	0.48%	0.031%
28	14.671	2007	2014	2023	rVB2	321109	499067	38.99%	2.545%
29	14.847	2037	2044	2052	rBV	215112	327993	25.63%	1.673%
30	15.470	2145	2150	2154	rBV3	9490	13436	1.05%	0.069%
31	15.517	2154	2158	2162	rVB	19892	23334	1.82%	0.119%
32	15.658	2175	2182	2189	rBV	528248	822755	64.28%	4.196%
33	15.763	2195	2200	2208	rBV	184098	267969	20.94%	1.367%
34	15.899	2217	2223	2226	rBV4	7029	13865	1.08%	0.071%

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Integration Parameters: LSCINT.P

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35	16.380	2299	2305	2308	rBV	31317	43835	3.42%	0.224%
36	16.551	2329	2334	2338	rVB2	10429	15270	1.19%	0.078%
37	16.727	2359	2364	2366	rBV3	3234	5486	0.43%	0.028%
38	16.892	2386	2392	2394	rBV4	3550	5775	0.45%	0.029%
39	17.168	2435	2439	2446	rVV	38224	51664	4.04%	0.263%
40	17.226	2446	2449	2453	rVB3	7001	9385	0.73%	0.048%
41	17.409	2474	2480	2490	rVV2	435146	671540	52.47%	3.425%
42	17.509	2490	2497	2506	rVB	623330	941259	73.54%	4.800%
43	17.791	2537	2545	2551	rBV	86749	125836	9.83%	0.642%
44	17.908	2561	2565	2569	rBV	28040	33049	2.58%	0.169%
45	18.084	2592	2595	2601	rVB5	4859	8241	0.64%	0.042%
46	18.184	2608	2612	2616	rBV4	4537	8664	0.68%	0.044%
47	18.237	2618	2621	2627	rBV5	5789	8514	0.67%	0.043%
48	18.302	2627	2632	2642	rBV	98936	155108	12.12%	0.791%
49	18.496	2662	2665	2670	rVB4	8320	11005	0.86%	0.056%
50	18.601	2678	2683	2694	rVV2	55412	119778	9.36%	0.611%
51	18.772	2708	2712	2714	rBV5	4928	5565	0.43%	0.028%
52	19.083	2760	2765	2772	rBV5	7698	13547	1.06%	0.069%
53	19.154	2772	2777	2786	rBV	444468	562089	43.92%	2.866%
54	19.224	2786	2789	2796	rVV	23762	45395	3.55%	0.232%
55	19.289	2797	2800	2805	rVV5	13665	20469	1.60%	0.104%
56	19.342	2806	2809	2814	rVV6	5496	7043	0.55%	0.036%
57	19.424	2819	2823	2824	rVV2	13481	15798	1.23%	0.081%
58	19.453	2825	2828	2837	rVB	45364	70773	5.53%	0.361%
59	19.571	2843	2848	2851	rBV	34955	50240	3.93%	0.256%
60	19.600	2851	2853	2856	rVB3	16490	17684	1.38%	0.090%
61	19.677	2863	2866	2869	rBV3	6635	8649	0.68%	0.044%
62	19.724	2869	2874	2878	rVV	1067803	1279884	100.00%	6.527%
63	19.794	2878	2886	2890	rVV	806376	1263930	98.75%	6.446%
64	19.835	2890	2893	2898	rVB	165364	201431	15.74%	1.027%
65	20.129	2940	2943	2952	rVB6	15135	32232	2.52%	0.164%
66	20.258	2961	2965	2967	rBV5	8400	8356	0.65%	0.043%
67	20.293	2968	2971	2974	rVV4	15429	21519	1.68%	0.110%
68	20.329	2974	2977	2982	rVB	61773	68435	5.35%	0.349%
69	20.464	2998	3000	3004	rVB4	7776	8767	0.68%	0.045%
70	20.505	3004	3007	3012	rBV6	8846	10839	0.85%	0.055%
71	20.605	3020	3024	3028	rBV5	13295	19231	1.50%	0.098%

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72	20.652	3028	3032	3037	rVB2	31292	42926	3.35%	0.219%
73	20.758	3046	3050	3054	rBV	854599	924429	72.23%	4.714%
74	20.793	3054	3056	3058	rVV2	20910	24148	1.89%	0.123%
75	20.828	3058	3062	3065	rVV	126632	147957	11.56%	0.755%
76	20.858	3065	3067	3072	rVB	81869	87942	6.87%	0.448%
77	21.028	3094	3096	3098	rBV2	7996	8158	0.64%	0.042%
78	21.175	3118	3121	3125	rBV	12319	12434	0.97%	0.063%
79	21.239	3126	3132	3133	rBV	19455	30310	2.37%	0.155%
80	21.328	3142	3147	3157	rVB2	219768	374146	29.23%	1.908%
81	21.574	3184	3189	3194	rVB	71325	94464	7.38%	0.482%
82	21.674	3197	3206	3212	rBV	523996	913753	71.39%	4.660%
83	21.886	3236	3242	3248	rBV	178367	250096	19.54%	1.275%
84	22.497	3340	3346	3358	rBV	144155	249690	19.51%	1.273%
85	23.196	3458	3465	3476	rBV	124315	263866	20.62%	1.346%
86	23.396	3494	3499	3505	rVB6	11705	24938	1.95%	0.127%
87	23.543	3520	3524	3532	rVB4	24331	45695	3.57%	0.233%
88	23.866	3573	3579	3589	rBV2	18991	61704	4.82%	0.315%
89	24.013	3597	3604	3609	rBV2	87538	195474	15.27%	0.997%
90	24.060	3609	3612	3620	rVB3	36195	72900	5.70%	0.372%
91	24.594	3698	3703	3706	rBV3	11869	23407	1.83%	0.119%
92	24.677	3706	3717	3735	rVB2	418669	1226460	95.83%	6.255%
93	24.894	3743	3754	3762	rBV2	291544	822244	64.24%	4.193%
94	24.976	3763	3768	3776	rVB2	66812	153983	12.03%	0.785%
95	26.122	3952	3963	3973	rBV4	56283	178289	13.93%	0.909%
96	26.228	3974	3981	3990	rBV8	20450	59480	4.65%	0.303%
97	27.491	4183	4196	4208	rBV3	39981	151699	11.85%	0.774%
98	27.896	4263	4265	4269	rBV5	3192	5110	0.40%	0.026%
99	29.154	4469	4479	4494	rVB5	35755	151234	11.82%	0.771%
100	30.270	4658	4669	4683	rVB9	62724	256564	20.05%	1.308%

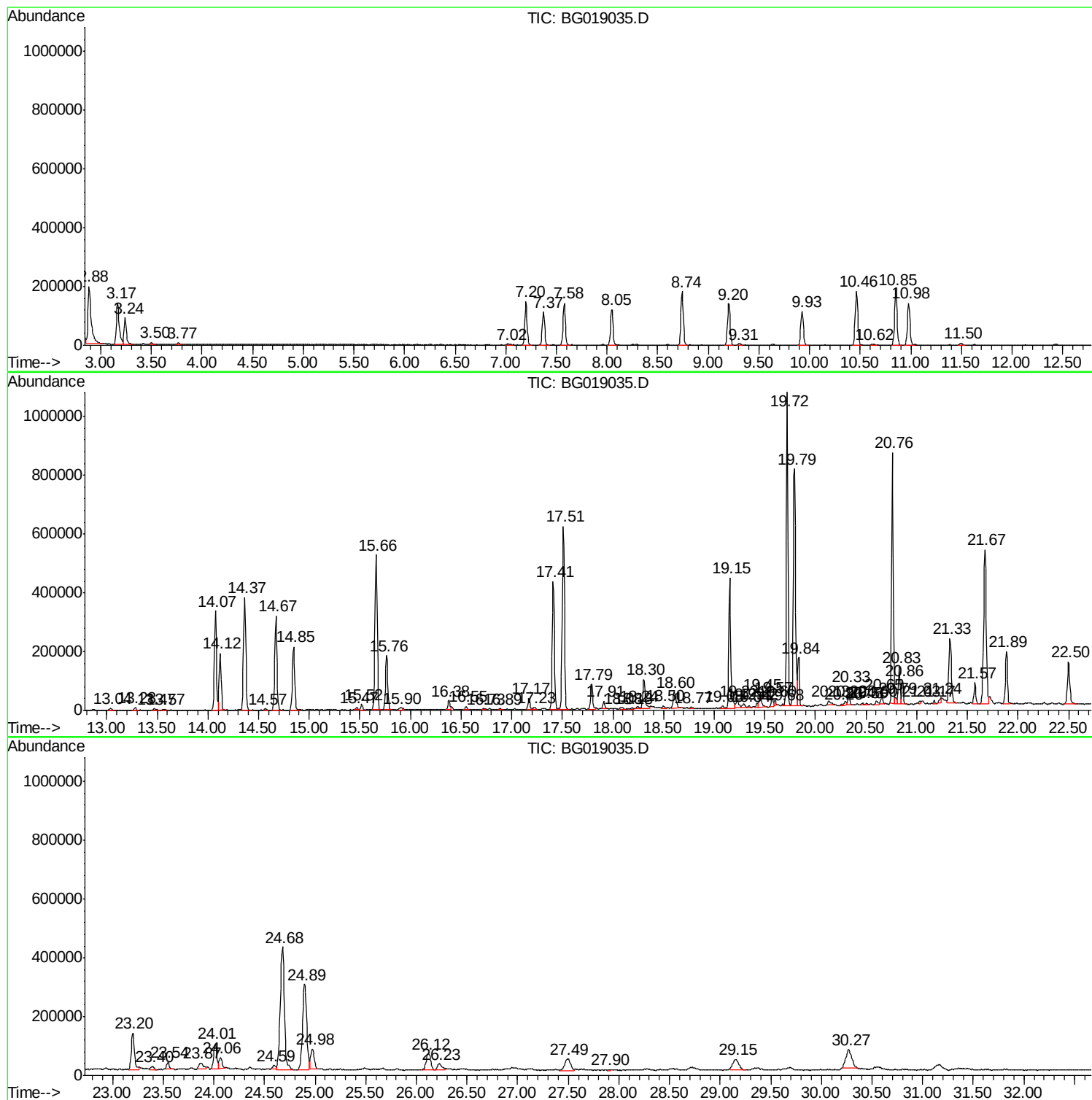
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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



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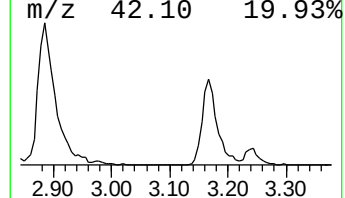
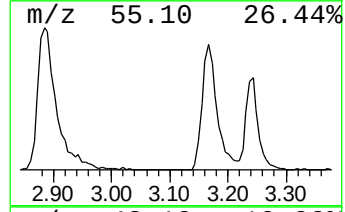
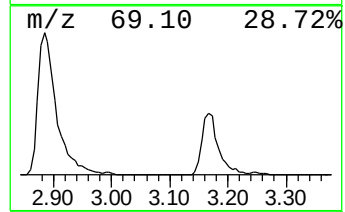
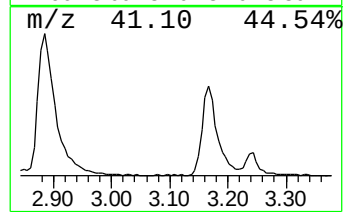
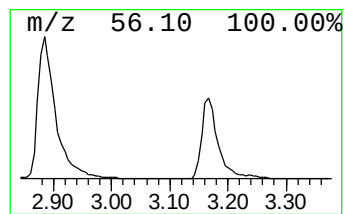
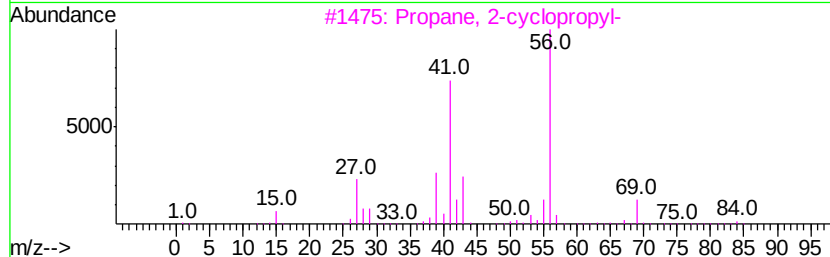
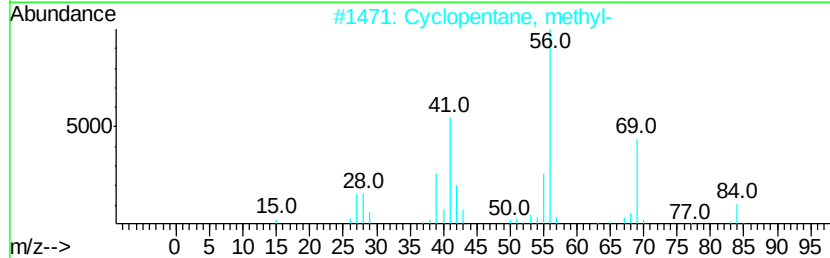
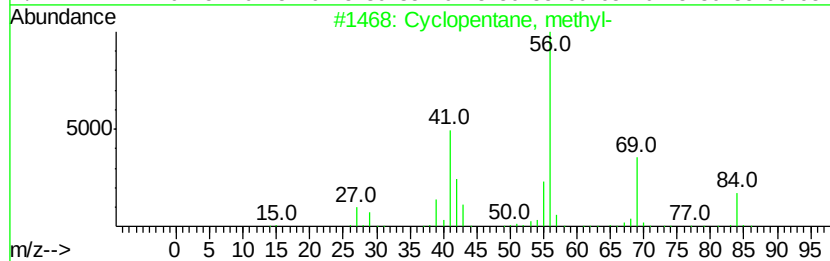
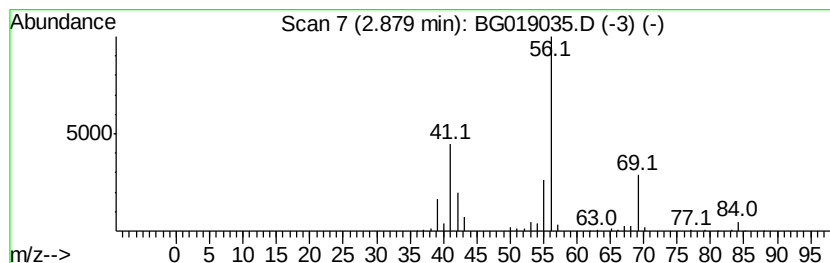
Instrument :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic2.88 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
2.88	41.09 ng/ul	433417	1,4-Dichlorobenzene-d4	8.05		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2		Cyclopentane, methyl-	84	C6H12	000096-37-7	74
3		Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	56
4		Cyclopropane, propyl-	84	C6H12	002415-72-7	53
5		Cyclopentane, methyl-	84	C6H12	000096-37-7	47



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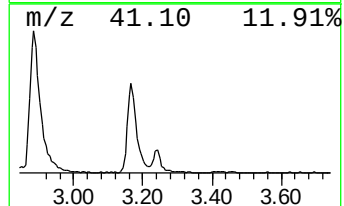
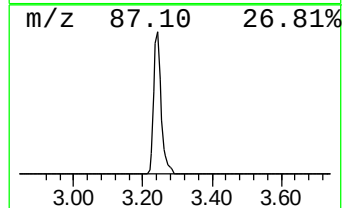
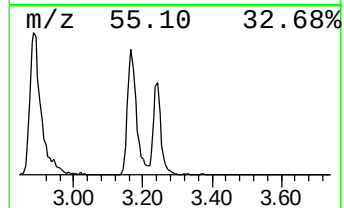
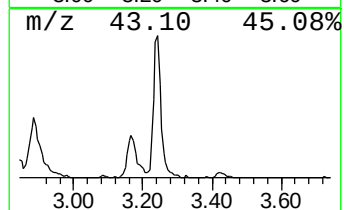
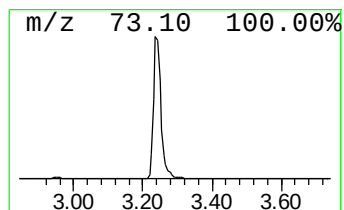
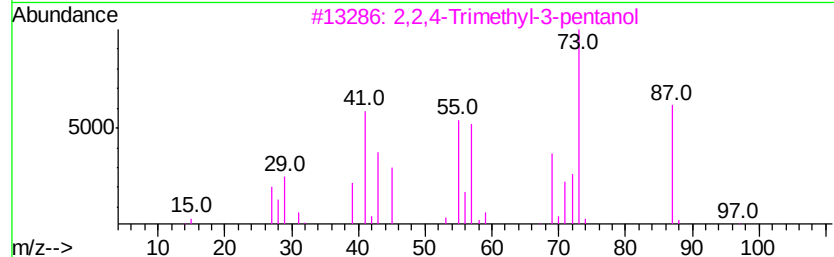
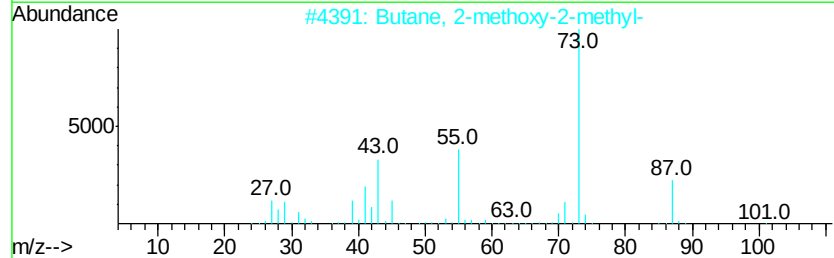
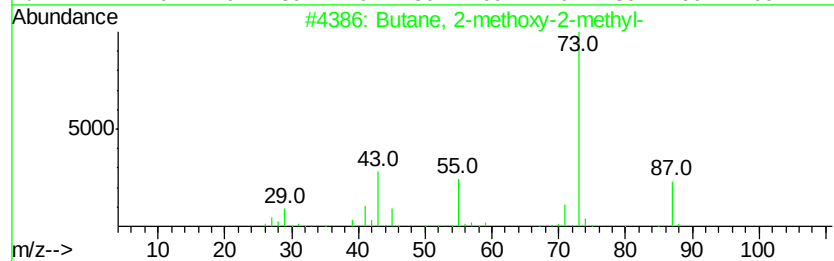
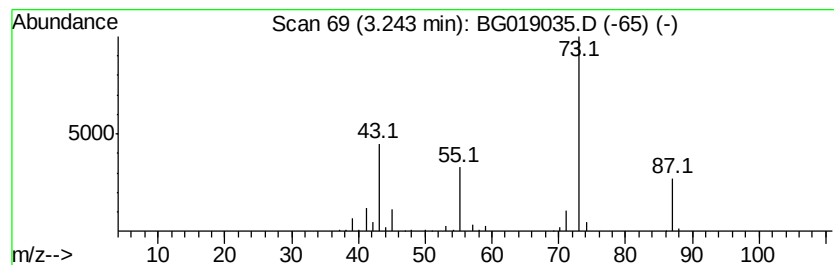
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	12.91 ng/ul	136196	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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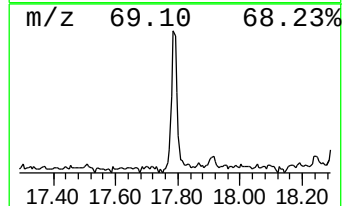
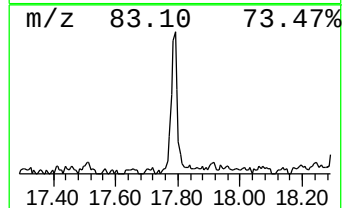
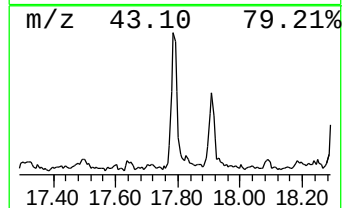
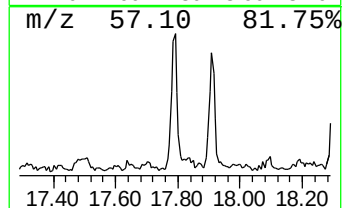
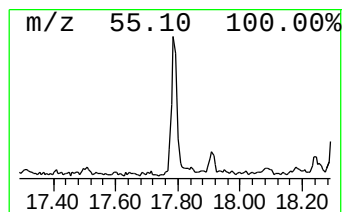
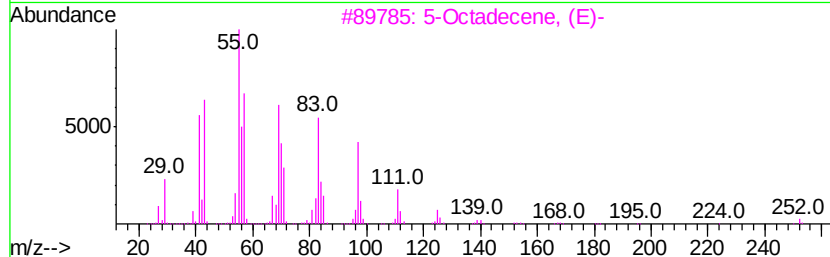
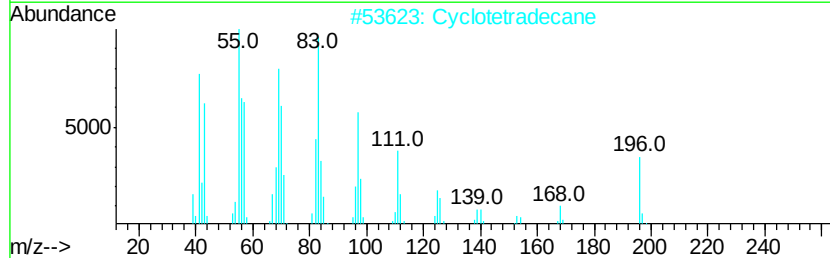
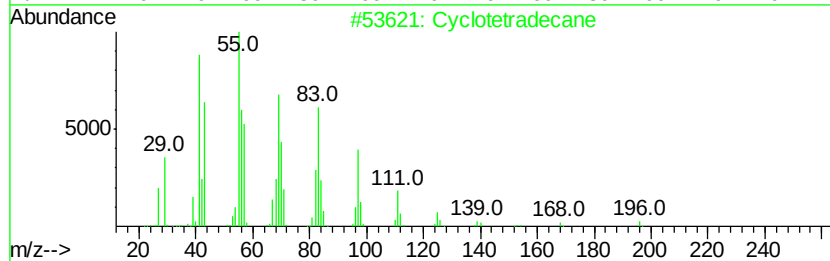
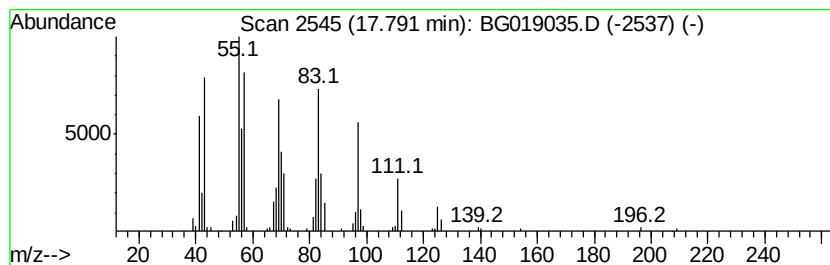
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Peak Number 4 (DEL) Alkane: Cyclic17.79 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.79	3.75 ng/ul	125836	Phenanthrene-d10	17.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	96
2	Cyclotetradecane	196	C14H28	000295-17-0	95
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
4	Cyclotetradecane	196	C14H28	000295-17-0	91
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019035.D
Acq On : 5 Oct 2015 20:13
Operator : UM/NP
Sample : G3900-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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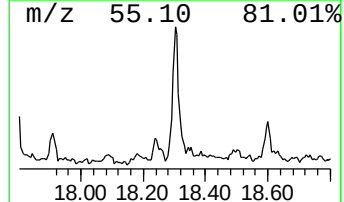
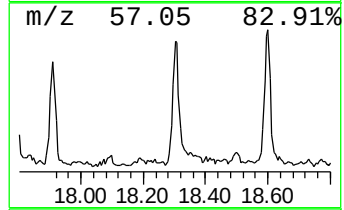
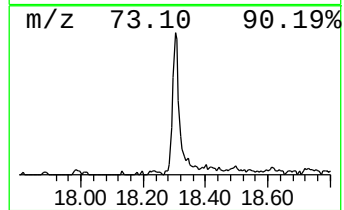
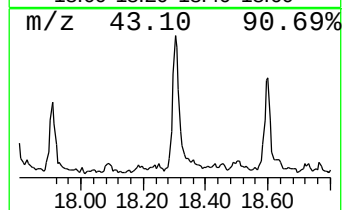
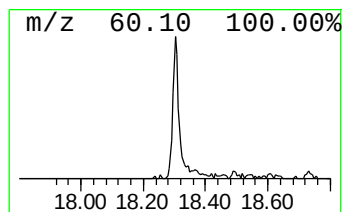
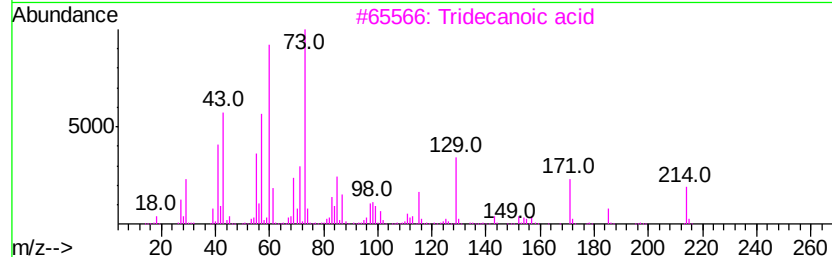
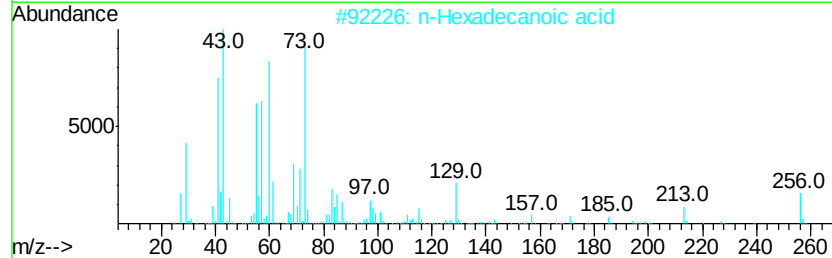
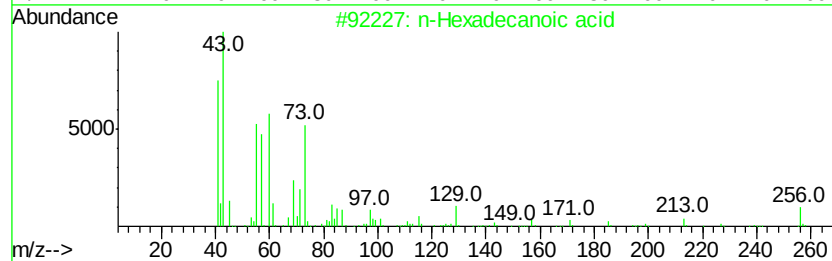
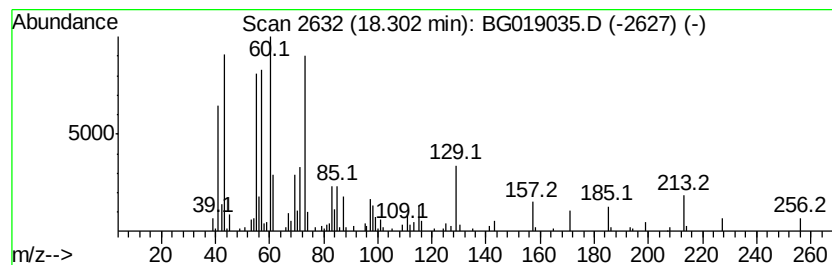
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	4.62 ng/ul	155108	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
3		Tridecanoic acid	214	C13H26O2	000638-53-9	72
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019035.D
Acq On : 5 Oct 2015 20:13
Operator : UM/NP
Sample : G3900-02
Misc :
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Instrument :
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ClientSampleId :
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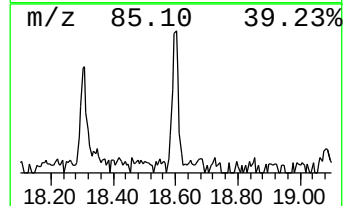
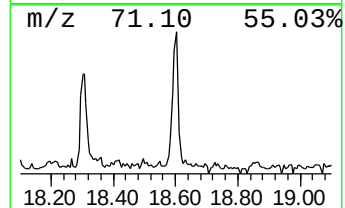
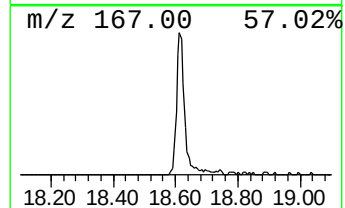
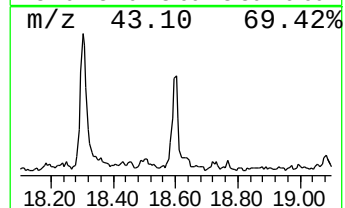
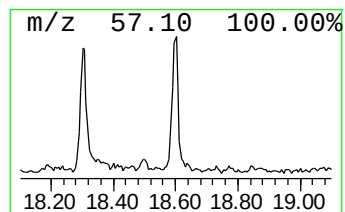
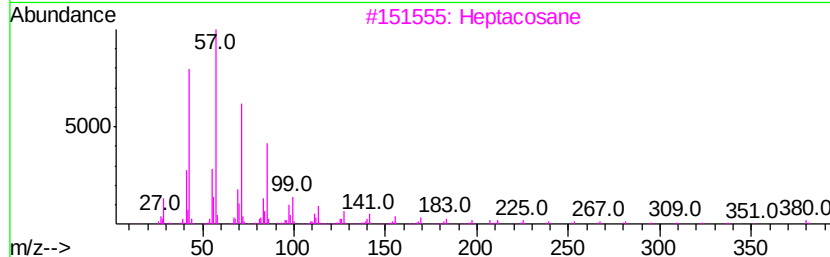
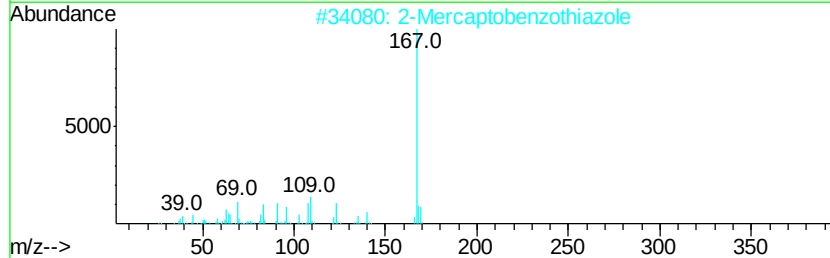
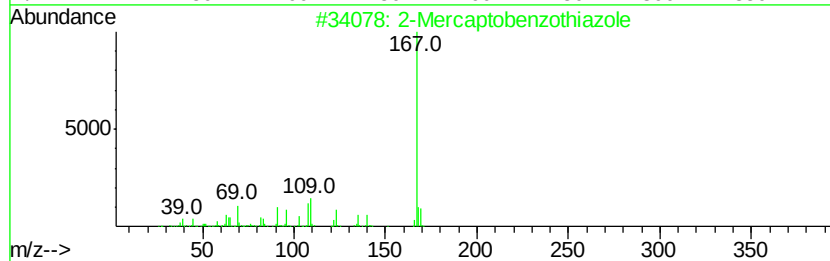
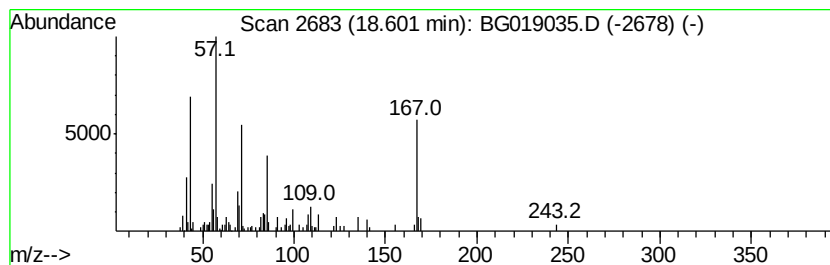
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 2-Mercaptobenzothiazole Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	3.57 ng/ul	119778	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	78
2		2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	64
3		Heptacosane	380	C27H56	000593-49-7	49
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	49
5		Hexadecane	226	C16H34	000544-76-3	49



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019035.D
Acq On : 5 Oct 2015 20:13
Operator : UM/NP
Sample : G3900-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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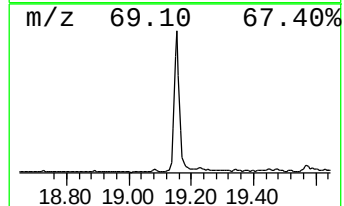
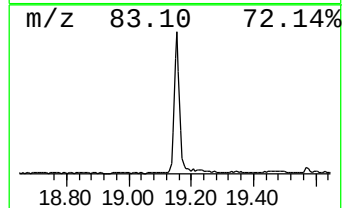
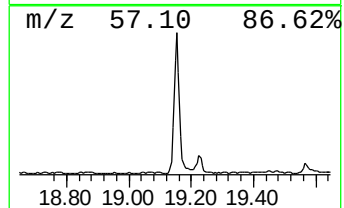
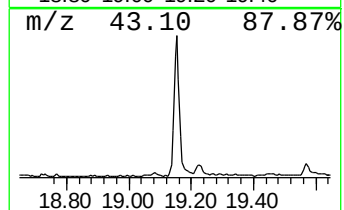
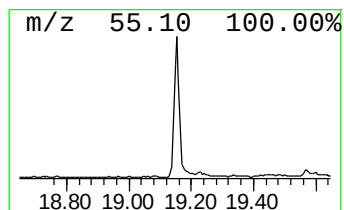
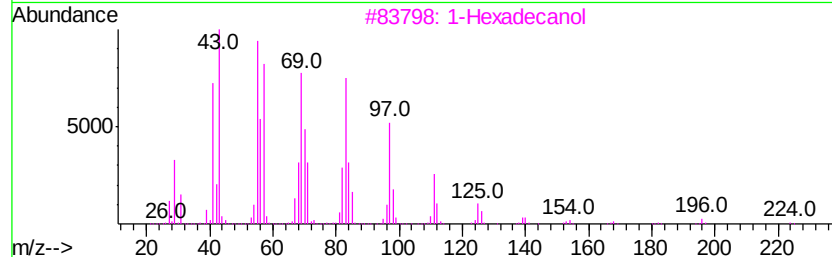
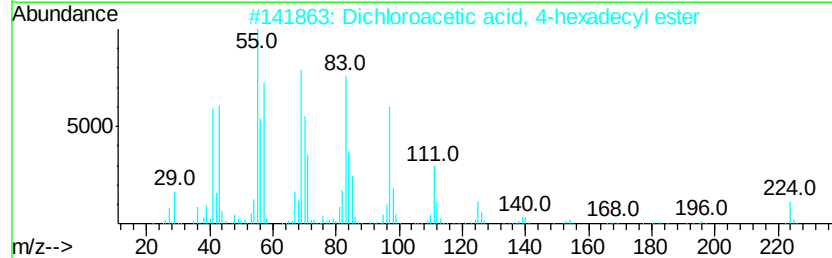
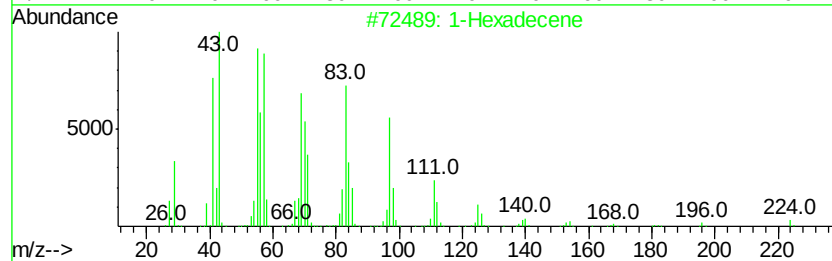
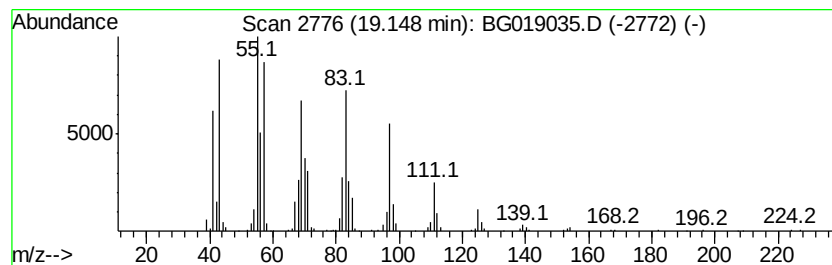
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic19.15 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	16.74 ng/ul	562089	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexadecene	224	C16H32	000629-73-2	96
2		Dichloroacetic acid, 4-hexadecyl...	352	C18H34Cl2O2	1000282-98-1	94
3		1-Hexadecanol	242	C16H34O	036653-82-4	94
4		Cyclohexadecane	224	C16H32	000295-65-8	91
5		1-Hexadecene	224	C16H32	000629-73-2	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019035.D
Acq On : 5 Oct 2015 20:13
Operator : UM/NP
Sample : G3900-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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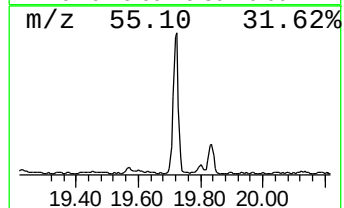
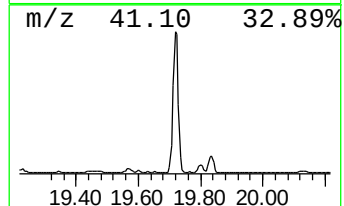
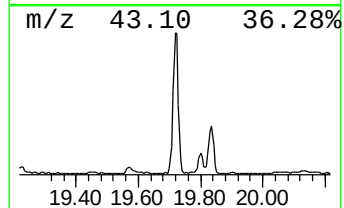
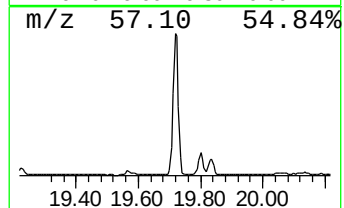
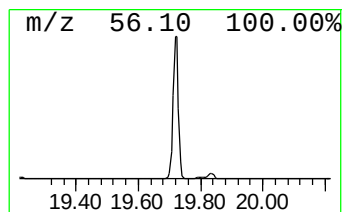
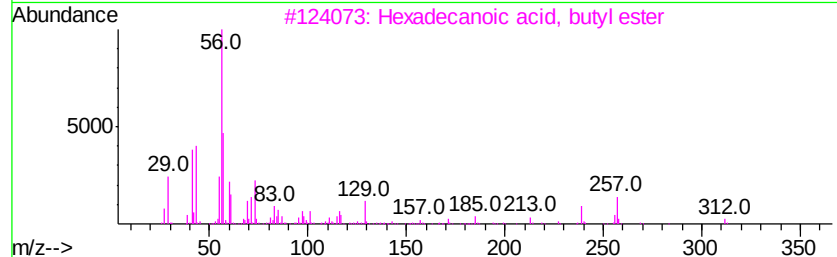
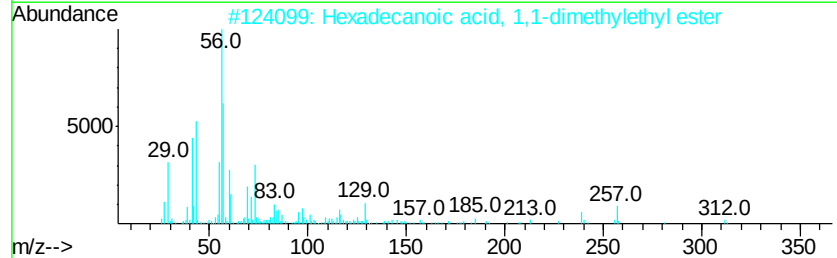
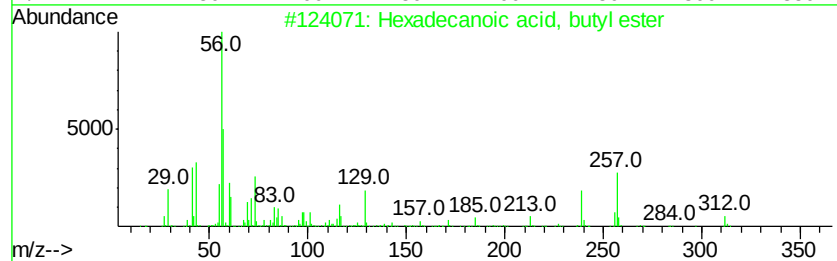
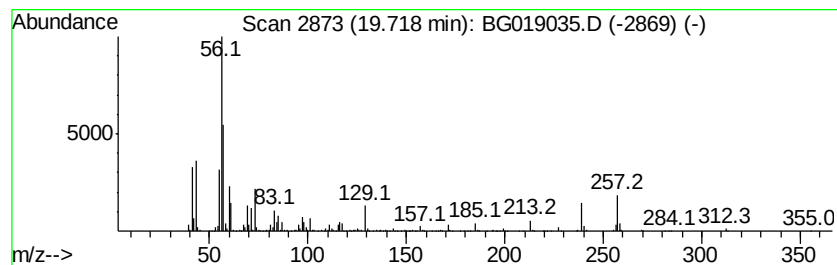
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Hexadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	28.01 ng/ul	1279880	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	90
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	55
4		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	46
5		Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019035.D
Acq On : 5 Oct 2015 20:13
Operator : UM/NP
Sample : G3900-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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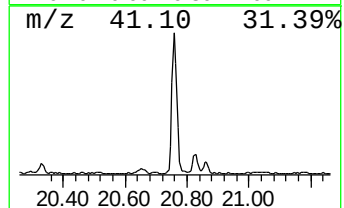
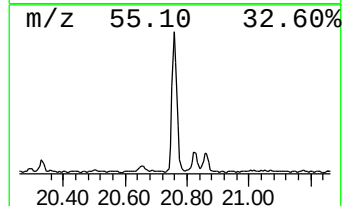
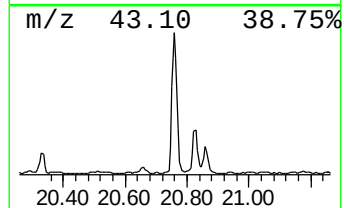
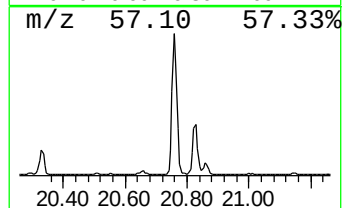
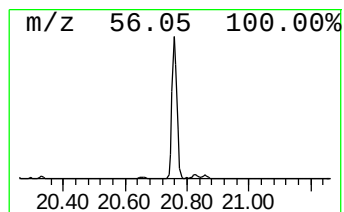
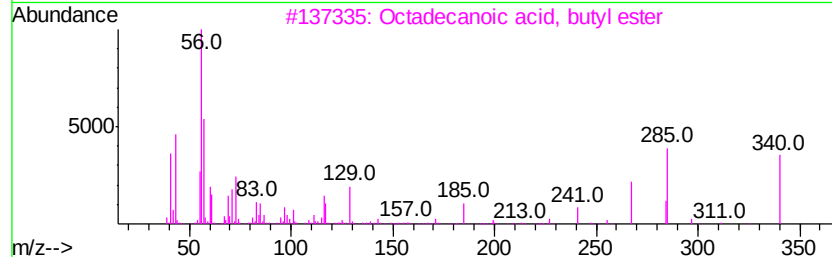
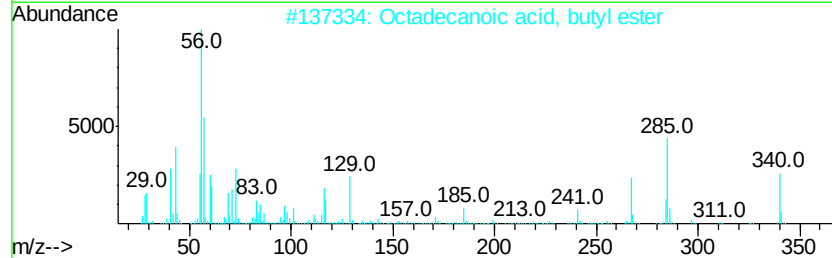
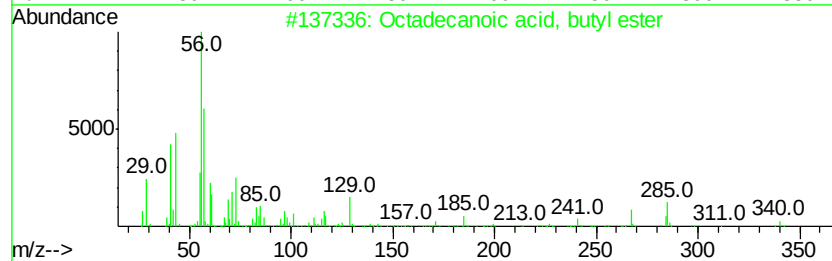
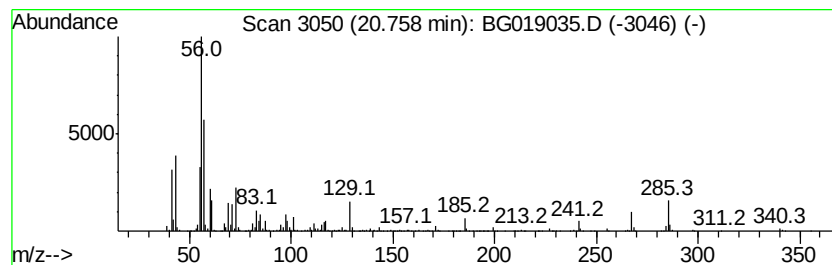
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Octadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	20.23 ng/ul	924429	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
2		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
3		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	78
4		Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	43
5		Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019035.D
Acq On : 5 Oct 2015 20:13
Operator : UM/NP
Sample : G3900-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

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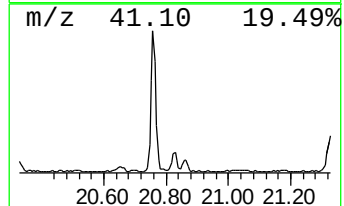
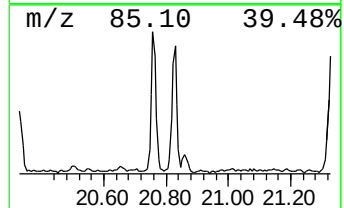
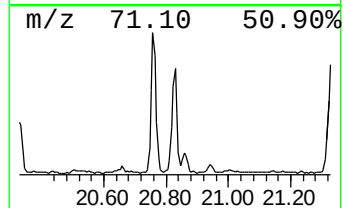
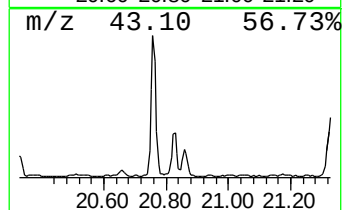
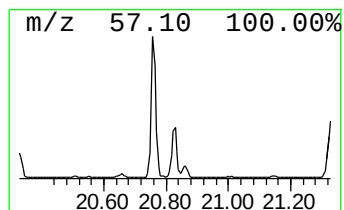
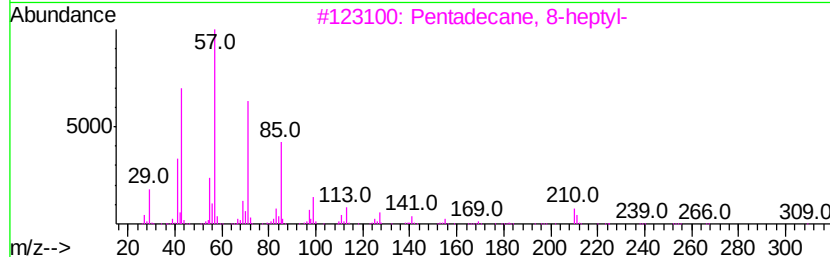
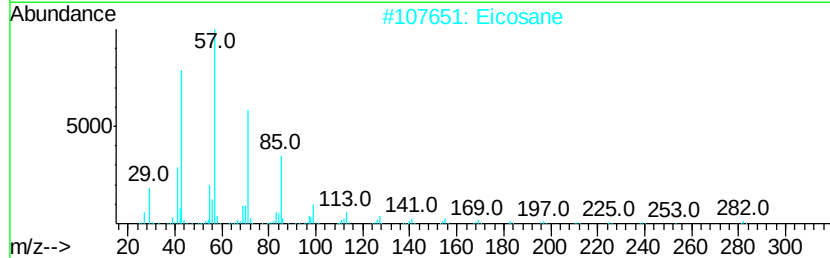
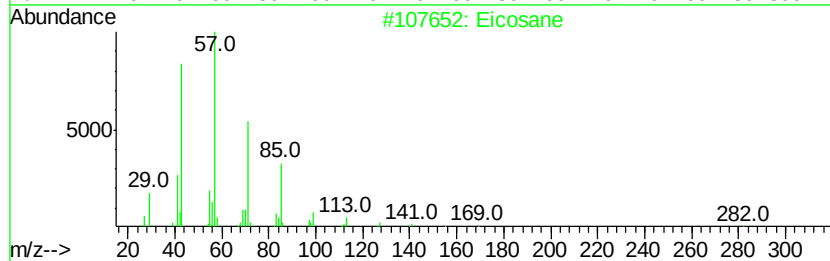
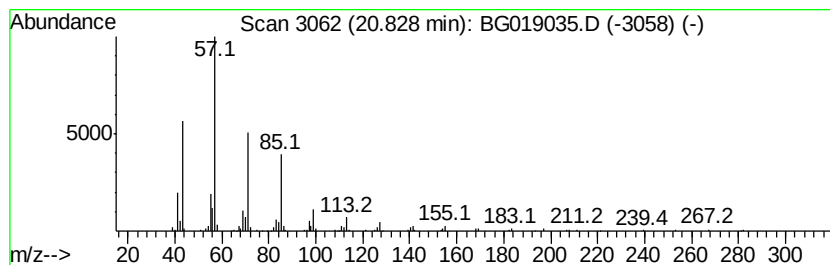
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	3.24 ng/ul	147957	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Eicosane	282	C20H42	000112-95-8	91
3		Pentadecane, 8-heptvl-	310	C22H46	071005-15-7	90
4		Heneicosane	296	C21H44	000629-94-7	87
5		Heptadecane	240	C17H36	000629-78-7	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019035.D
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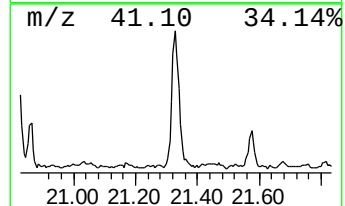
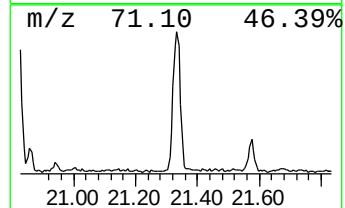
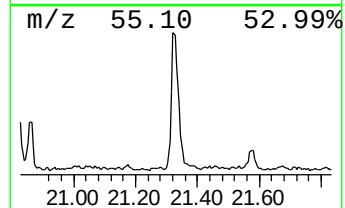
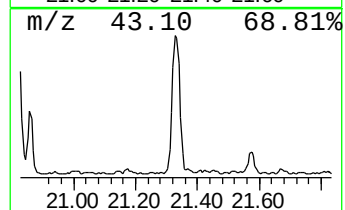
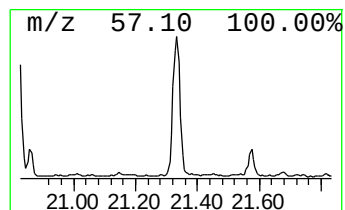
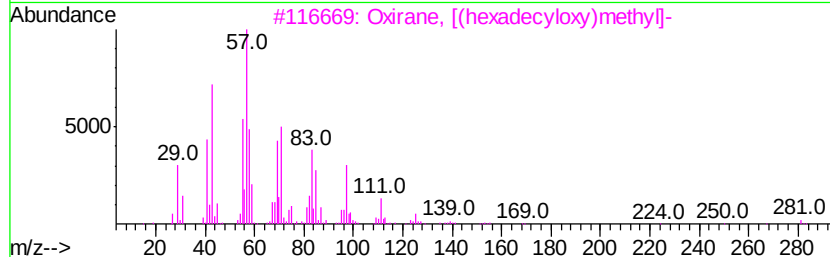
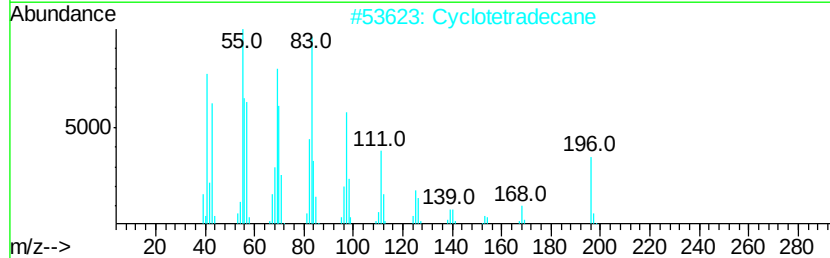
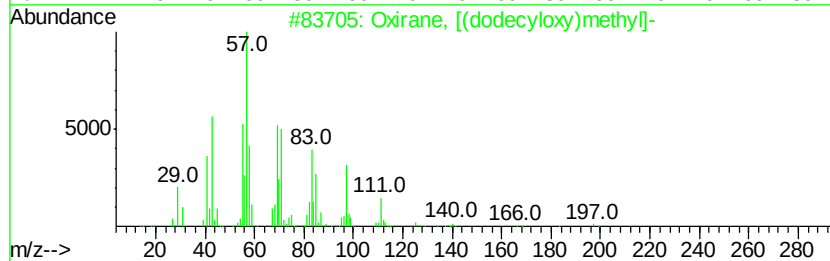
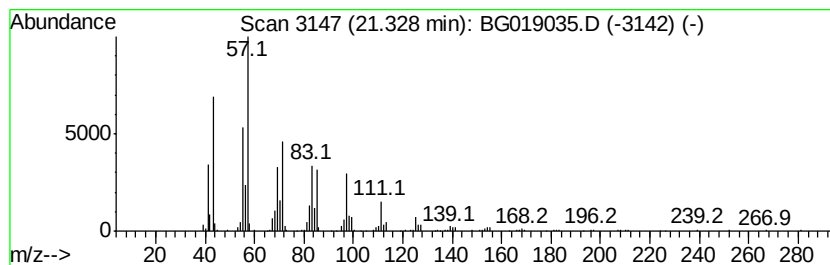
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Oxirane, [(dodecyloxy)methyl]- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.33	8.19 ng/ul	374146	Chrysene-d12	21.67	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	90
2	Cyclotetradecane	196	C14H28	000295-17-0	86
3	Oxirane, [(hexadecyloxy)methyl]-	298	C19H38O2	015965-99-8	83
4	Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	68
5	Cycloeicosane	280	C20H40	000296-56-0	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019035.D
Acq On : 5 Oct 2015 20:13
Operator : UM/NP
Sample : G3900-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA1

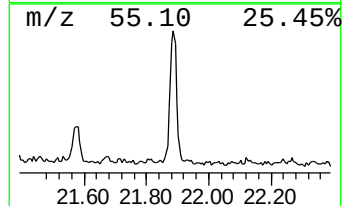
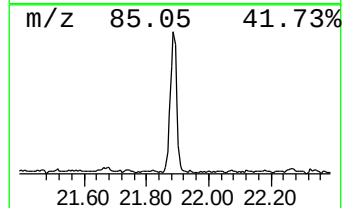
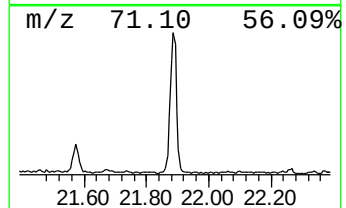
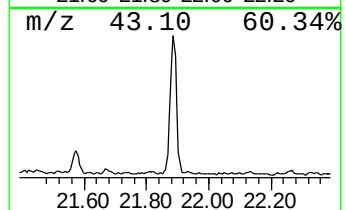
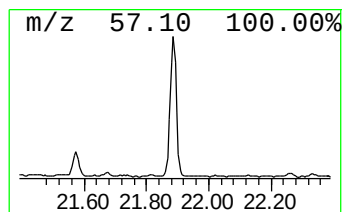
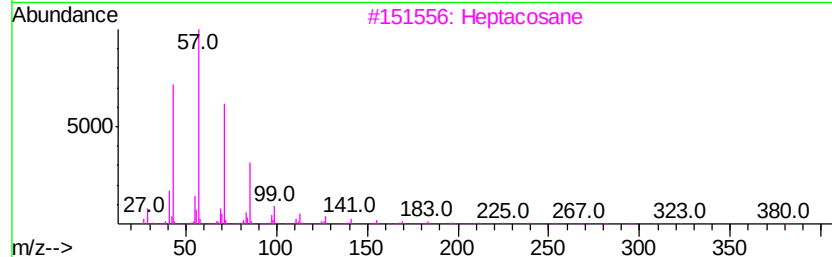
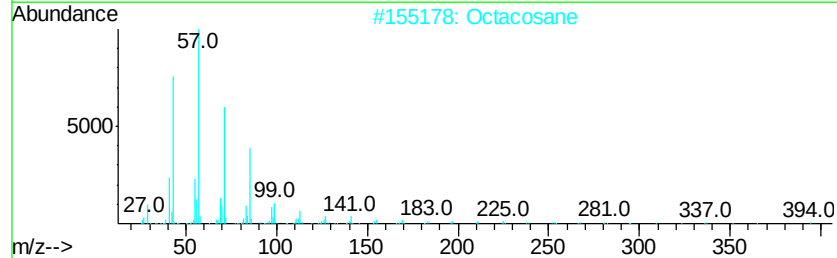
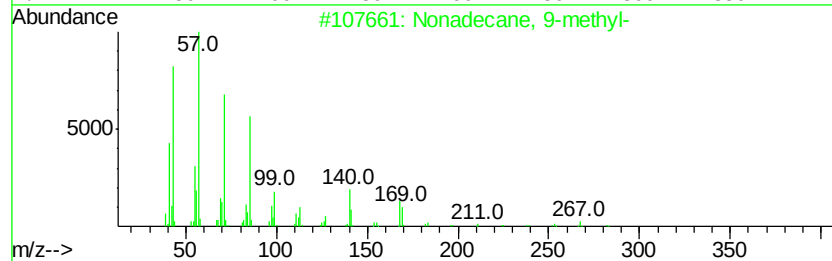
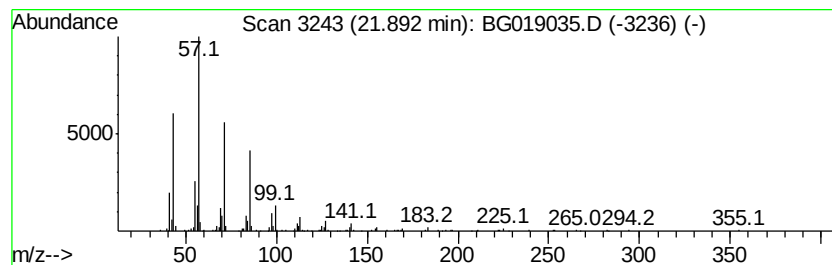
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	5.47 ng/ul	250096	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2		Octacosane	394	C28H58	000630-02-4	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019035.D
Acq On : 5 Oct 2015 20:13
Operator : UM/NP
Sample : G3900-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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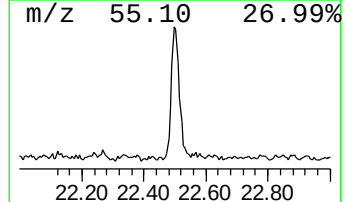
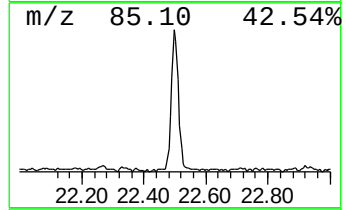
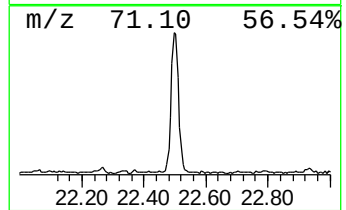
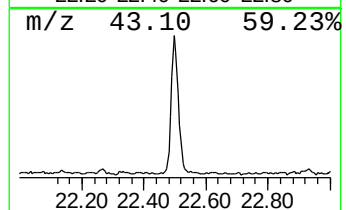
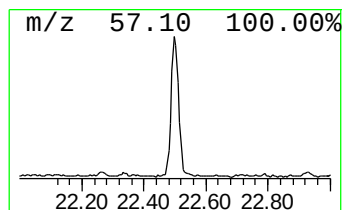
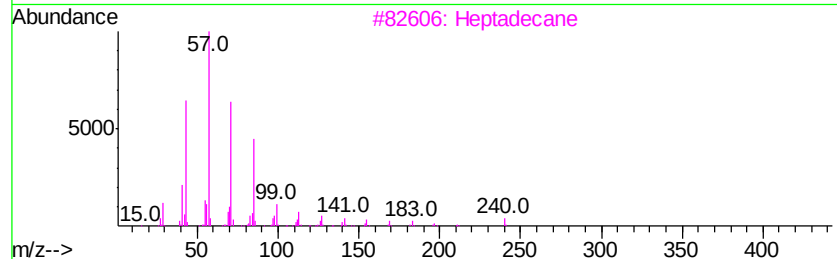
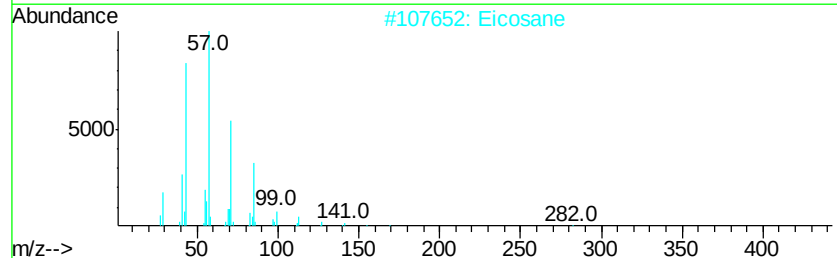
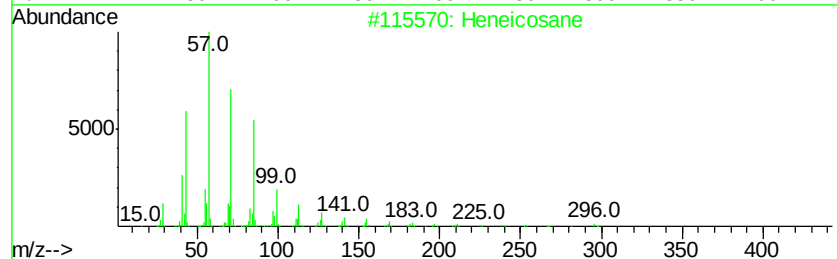
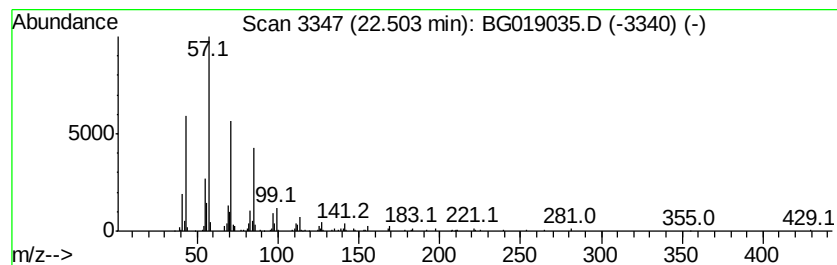
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	5.47 ng/ul	249690	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	87
2		Eicosane	282	C20H42	000112-95-8	87
3		Heptadecane	240	C17H36	000629-78-7	86
4		Octadecane	254	C18H38	000593-45-3	86
5		Tetratetracontane	619	C44H90	007098-22-8	81



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019035.D
Acq On : 5 Oct 2015 20:13
Operator : UM/NP
Sample : G3900-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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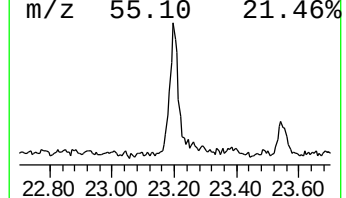
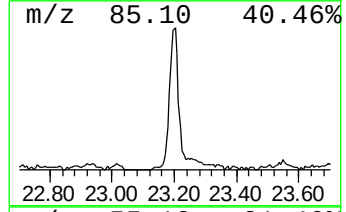
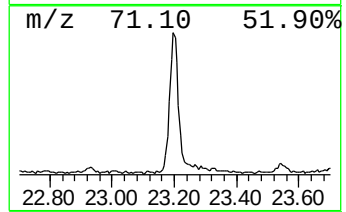
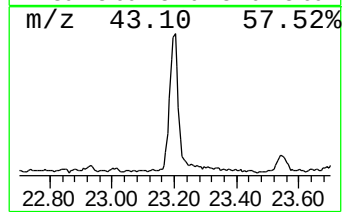
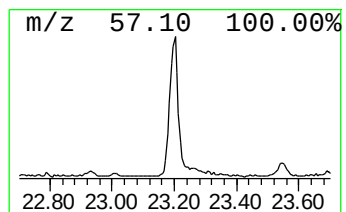
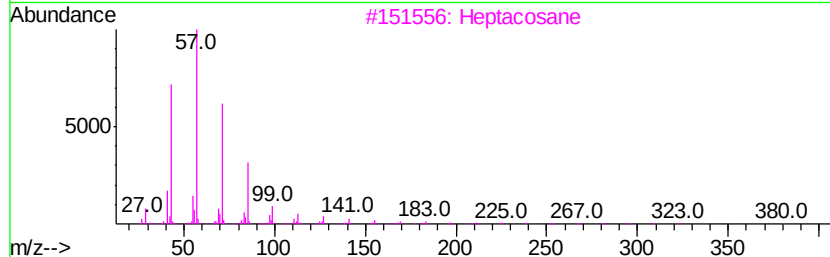
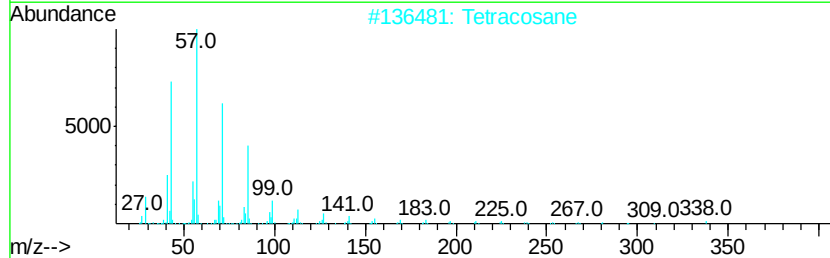
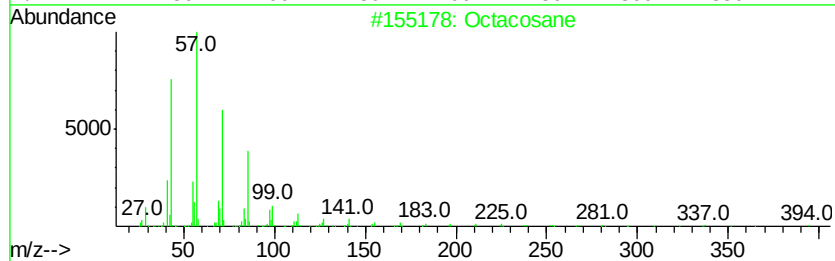
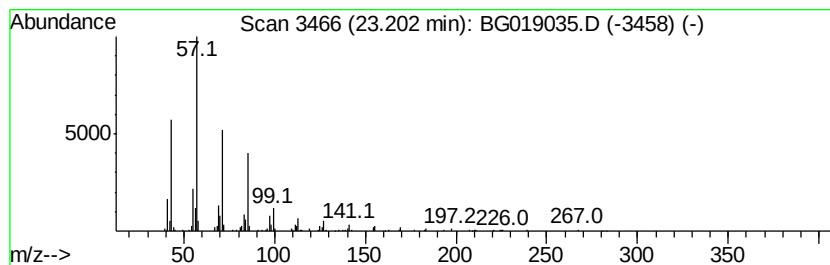
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.20	5.78 ng/ul	263866	Chrysene-d12	21.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Tetracosane	338	C24H50	000646-31-1	91
3			Heptacosane	380	C27H56	000593-49-7	91
4			Heptadecane	240	C17H36	000629-78-7	91
5			Pentacosane	352	C25H52	000629-99-2	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019035.D
Acq On : 5 Oct 2015 20:13
Operator : UM/NP
Sample : G3900-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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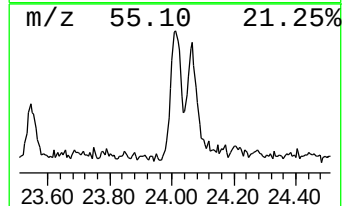
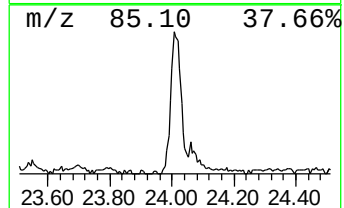
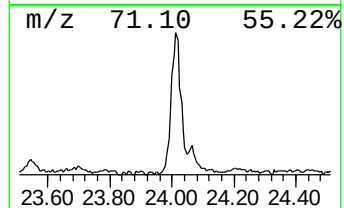
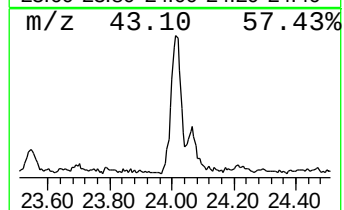
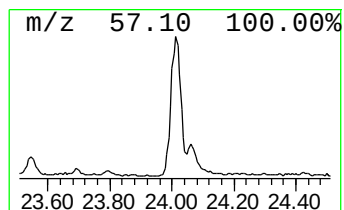
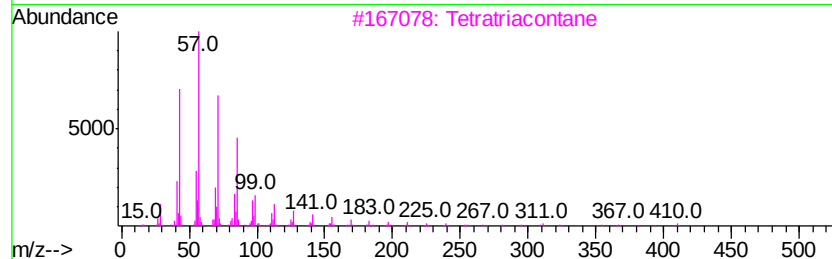
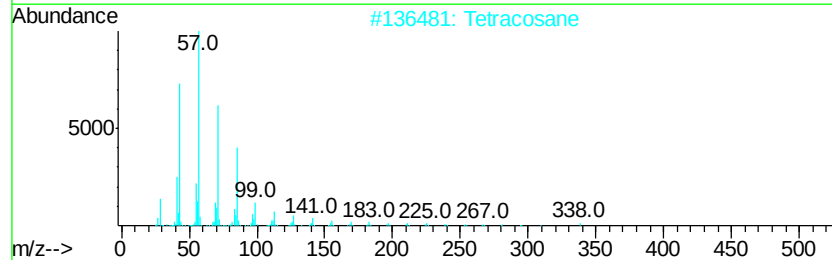
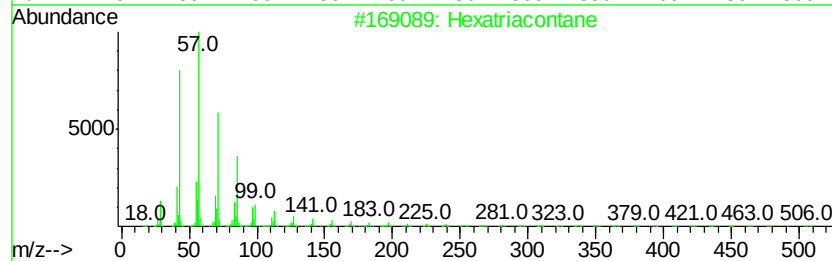
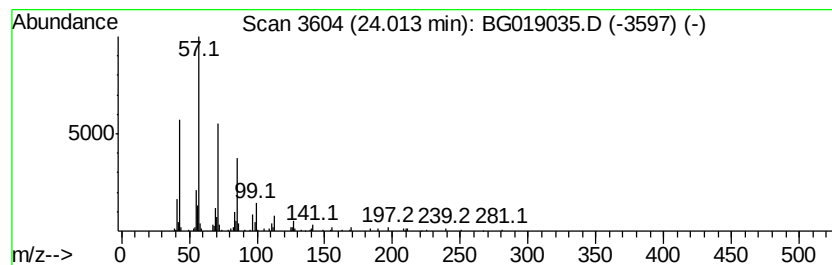
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.01	4.75 ng/ul	195474	Perylene-d12	24.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexatriacontane	507	C36H74	000630-06-8	91
2			Tetracosane	338	C24H50	000646-31-1	90
3			Tetratriacontane	479	C34H70	014167-59-0	90
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5			Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019035.D
Acq On : 5 Oct 2015 20:13
Operator : UM/NP
Sample : G3900-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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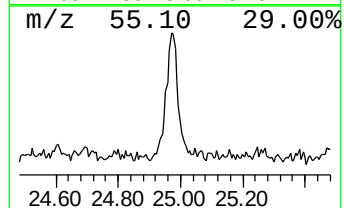
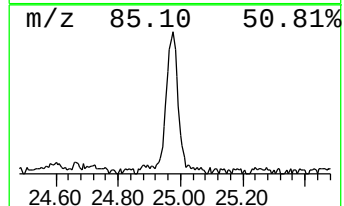
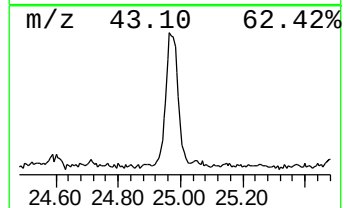
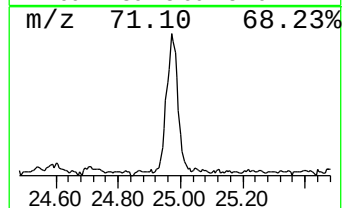
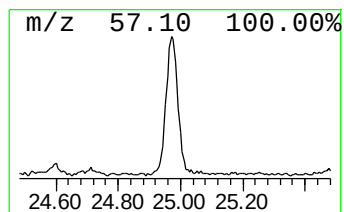
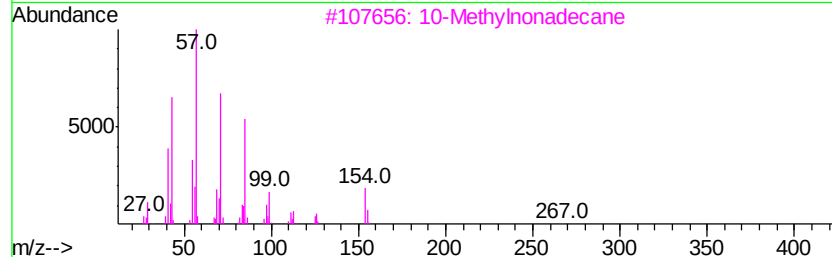
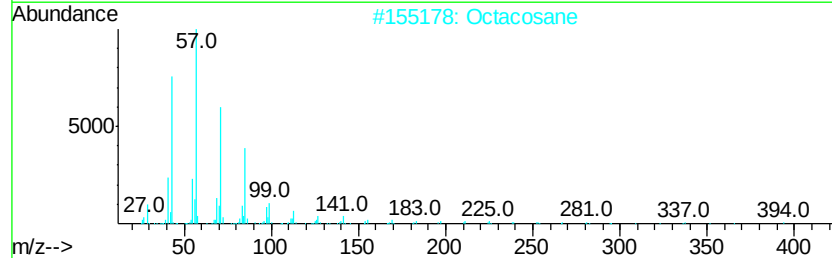
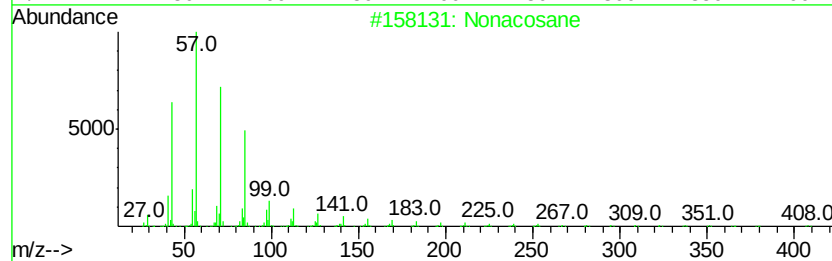
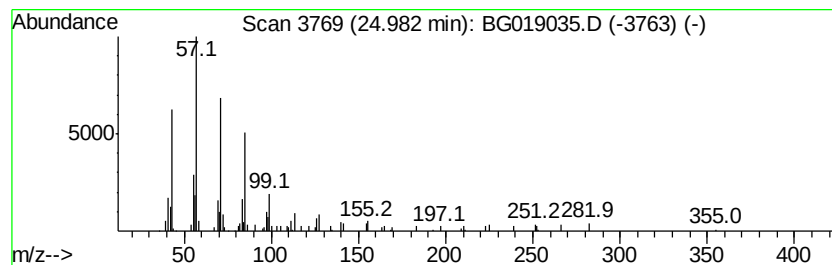
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.98	3.75 ng/ul	153983	Perylene-d12	24.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonacosane	408	C29H60	000630-03-5	83
2			Octacosane	394	C28H58	000630-02-4	83
3			10-Methylnonadecane	282	C20H42	056862-62-5	83
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80
5			Tetratetracontane	619	C44H90	007098-22-8	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019035.D
Acq On : 5 Oct 2015 20:13
Operator : UM/NP
Sample : G3900-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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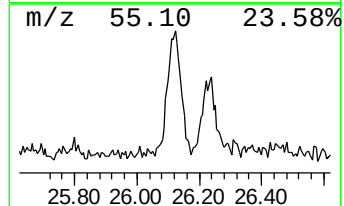
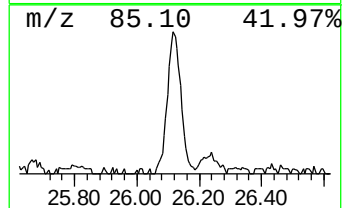
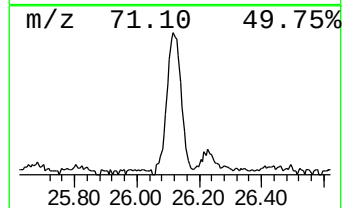
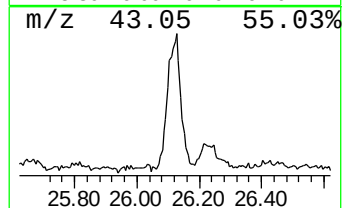
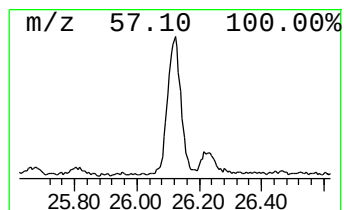
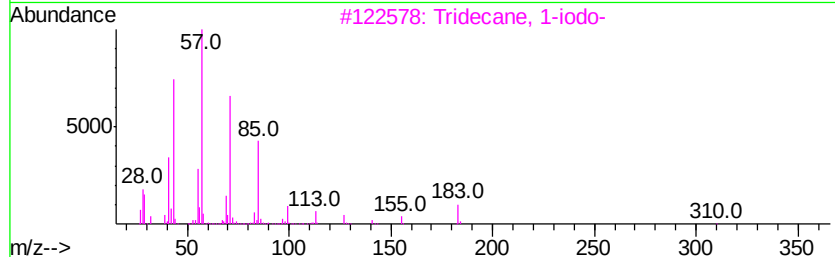
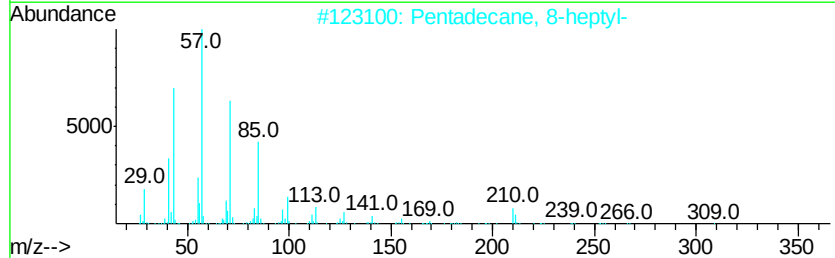
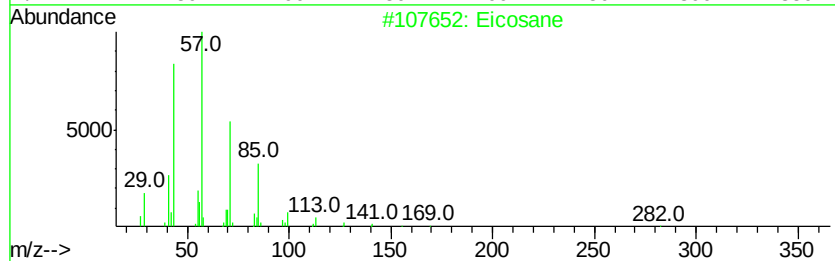
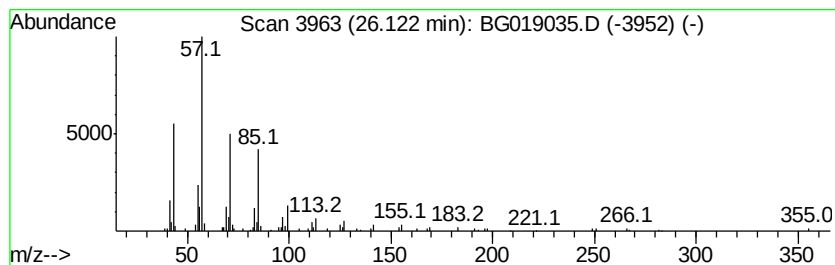
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.12	4.34 ng/ul	178289	Perylene-d12	24.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
4		1-Iodoundecane	282	C11H23I	004282-44-4	87
5		Eicosane	282	C20H42	000112-95-8	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019035.D
Acq On : 5 Oct 2015 20:13
Operator : UM/NP
Sample : G3900-02
Misc :
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Instrument :
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ClientSampleId :
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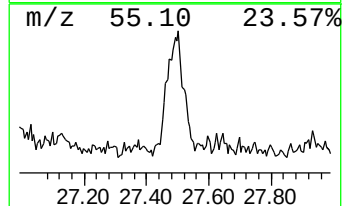
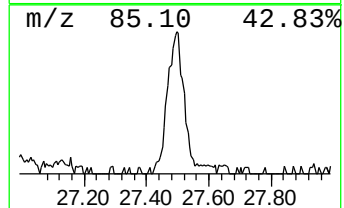
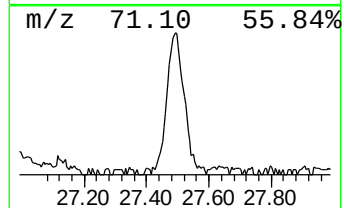
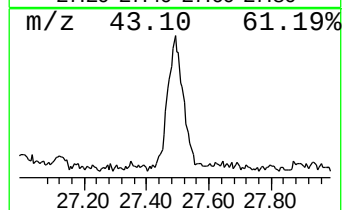
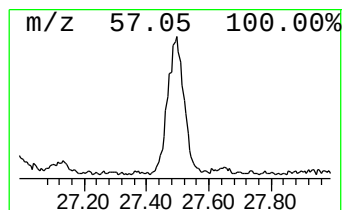
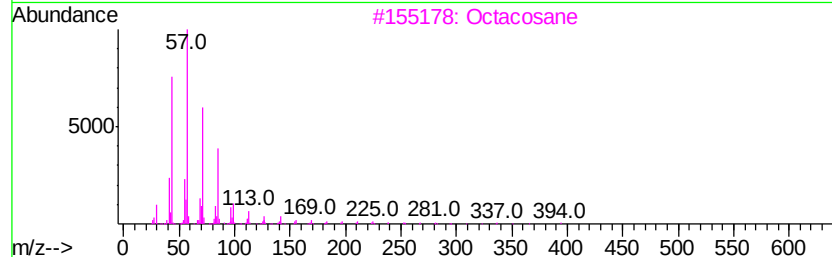
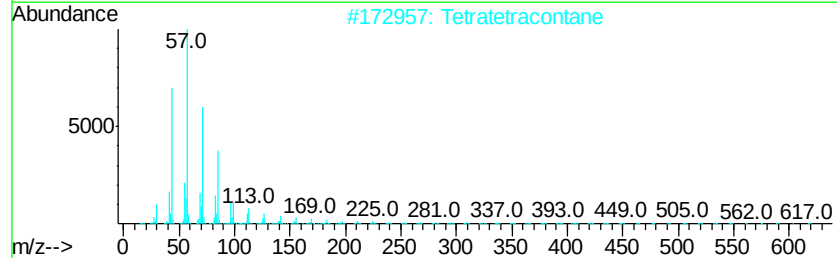
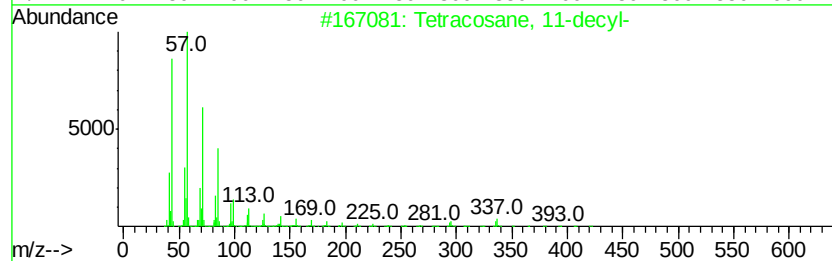
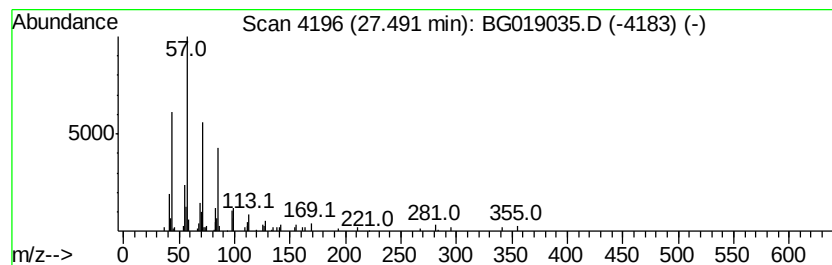
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.49	3.69 ng/ul	151699	Perylene-d12	24.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
2			Tetratetracontane	619	C44H90	007098-22-8	90
3			Octacosane	394	C28H58	000630-02-4	87
4			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
5			Nonacosane	408	C29H60	000630-03-5	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019035.D
Acq On : 5 Oct 2015 20:13
Operator : UM/NP
Sample : G3900-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA1

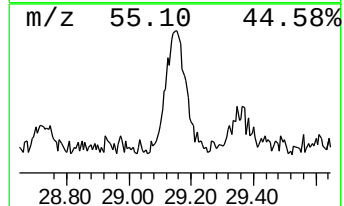
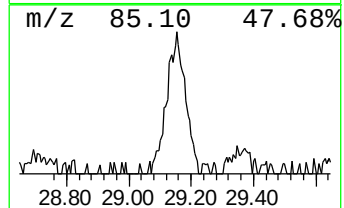
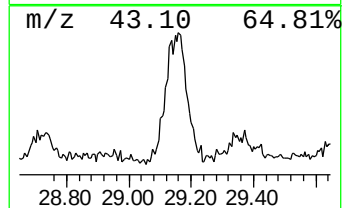
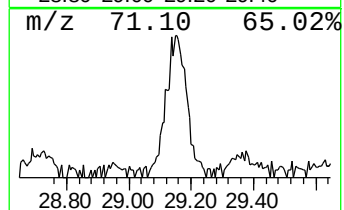
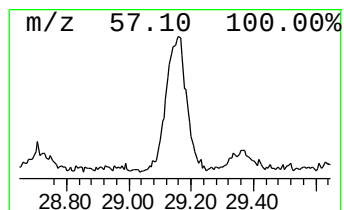
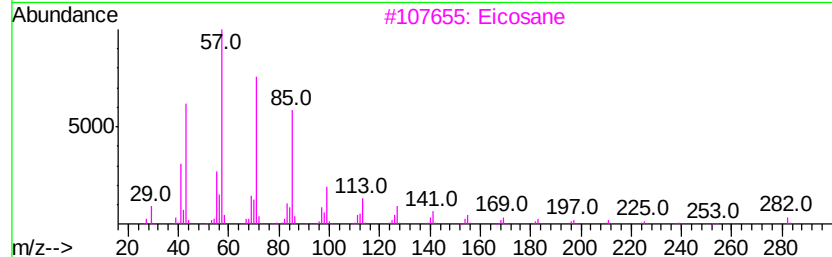
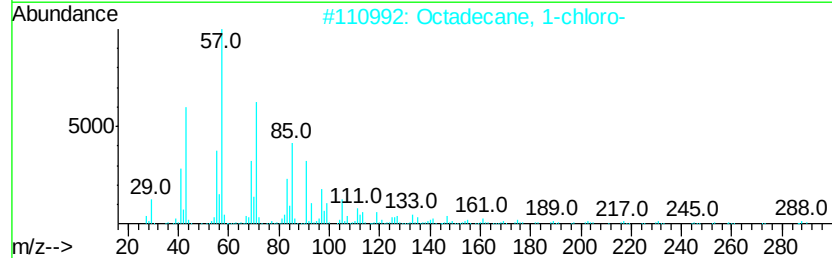
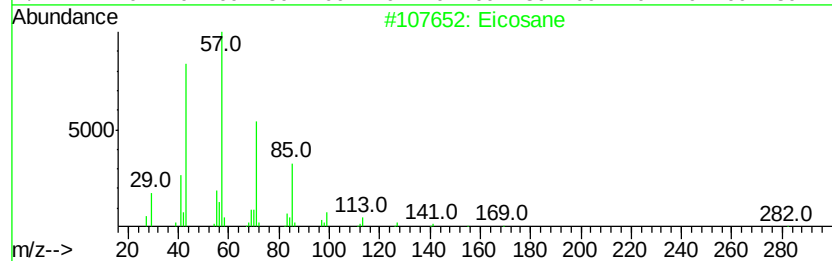
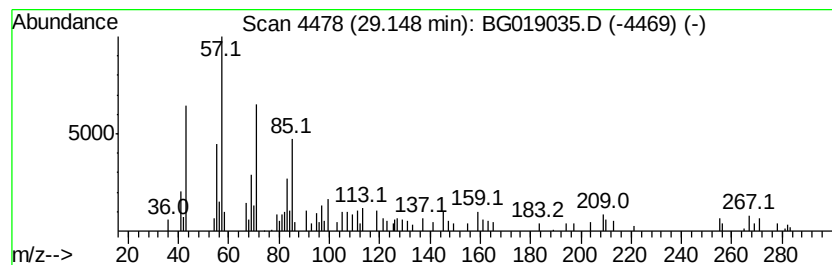
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.15	3.68 ng/ul	151234	Perylene-d12	24.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	83
2	Octadecane, 1-chloro-			288	C18H37Cl	003386-33-2	72
3	Eicosane			282	C20H42	000112-95-8	70
4	Eicosane			282	C20H42	000112-95-8	64
5	Methoxyacetic acid, 2-tetradecyl...			286	C17H34O3	1000282-04-8	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019035.D
Acq On : 5 Oct 2015 20:13
Operator : UM/NP
Sample : G3900-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA1

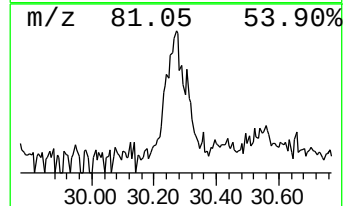
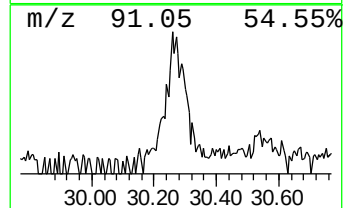
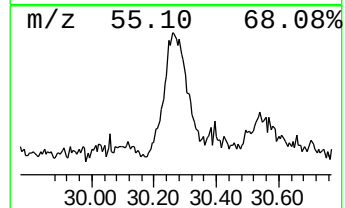
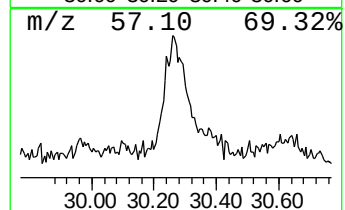
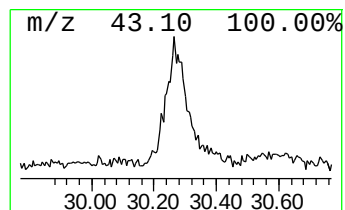
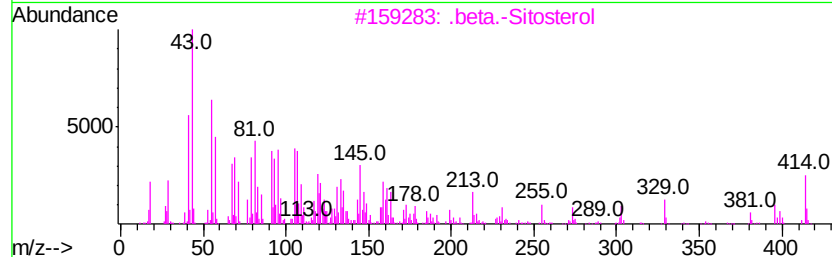
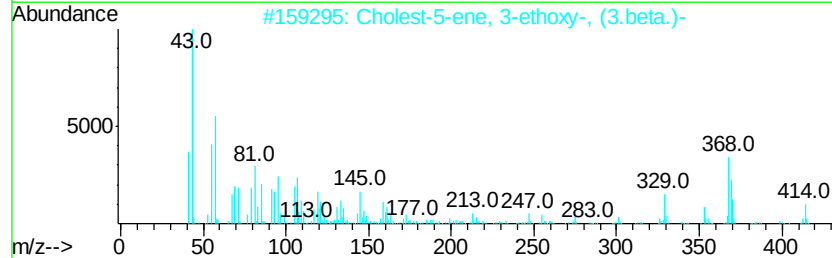
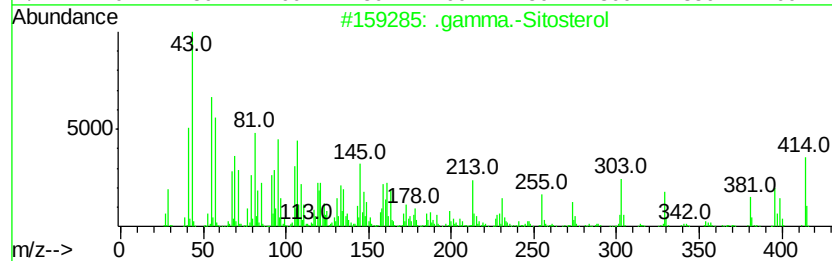
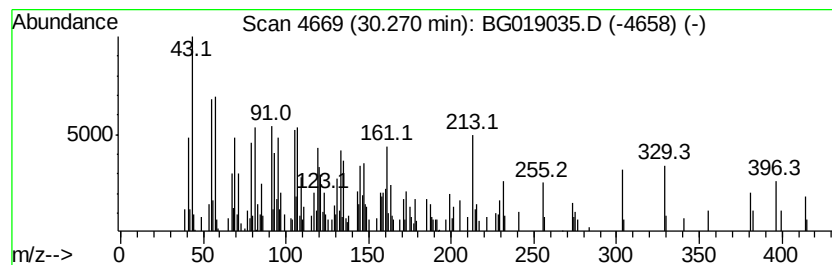
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 .gamma.-Sitosterol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.27	6.24 ng/ul	256564	Perylene-d12	24.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	91
2		Cholest-5-ene, 3-ethoxy-, (3.beta....	414	C29H50O	000986-19-6	83
3		.beta.-Sitosterol	414	C29H50O	000083-46-5	22
4		.beta.-Sitosterol	414	C29H50O	000083-46-5	22
5		9,19-Cyclocho lan-24-al, 3-(acety...	442	C29H46O3	025089-90-1	16



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100515\
 Data File : BG019035.D
 Acq On : 5 Oct 2015 20:13
 Operator : UM/NP
 Sample : G3900-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AA1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.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
(DEL) Alkane: Cyc...	2.88	41.1	ng/ul	433417	1	8.05	210949	20.0
Butane, 2-methoxy...	3.24	12.9	ng/ul	136196	1	8.05	210949	20.0
(DEL) Alkane: Cyc...	17.79	3.8	ng/ul	125836	4	17.41	671540	20.0
n-Hexadecanoic acid	18.30	4.6	ng/ul	155108	4	17.41	671540	20.0
2-Mercaptobenzoth...	18.60	3.6	ng/ul	119778	4	17.41	671540	20.0
(DEL) Alkane: Cyc...	19.15	16.7	ng/ul	562089	4	17.41	671540	20.0
Hexadecanoic acid...	19.72	28.0	ng/ul	1279880	5	21.67	913753	20.0
Octadecanoic acid...	20.76	20.2	ng/ul	924429	5	21.67	913753	20.0
(DEL) Alkane: Str...	20.83	3.2	ng/ul	147957	5	21.67	913753	20.0
Oxirane, [(dodecy...	21.33	8.2	ng/ul	374146	5	21.67	913753	20.0
(DEL) Alkane: Str...	21.89	5.5	ng/ul	250096	5	21.67	913753	20.0
(DEL) Alkane: Str...	22.50	5.5	ng/ul	249690	5	21.67	913753	20.0
(DEL) Alkane: Str...	23.20	5.8	ng/ul	263866	5	21.67	913753	20.0
(DEL) Alkane: Str...	24.01	4.8	ng/ul	195474	6	24.90	822244	20.0
(DEL) Alkane: Str...	24.98	3.8	ng/ul	153983	6	24.90	822244	20.0
(DEL) Alkane: Str...	26.12	4.3	ng/ul	178289	6	24.90	822244	20.0
(DEL) Alkane: Str...	27.49	3.7	ng/ul	151699	6	24.90	822244	20.0
(DEL) Alkane: Str...	29.15	3.7	ng/ul	151234	6	24.90	822244	20.0
.gamma.-Sitosterol	30.27	6.2	ng/ul	256564	6	24.90	822244	20.0