

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
 Data File : BG025202.D
 Acq On : 15 Dec 2016 8:05
 Operator : UM/SJ
 Sample : H5970-16
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA855

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-BG113016.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	3.155	50	54	57	rBV	11297	12939	0.61%	0.048%
2	3.584	124	127	136	rVB7	11832	24889	1.17%	0.093%
3	3.837	166	170	174	rBV6	6679	12499	0.59%	0.047%
4	4.301	245	249	254	rBV6	4859	8448	0.40%	0.032%
5	4.377	254	262	266	rVB7	7083	15349	0.72%	0.057%
6	4.600	296	300	306	rBV6	4988	10349	0.49%	0.039%
7	5.300	413	419	426	rVB4	16522	37339	1.75%	0.140%
8	5.376	426	432	435	rBV6	4880	9996	0.47%	0.037%
9	5.711	487	489	497	rVB6	3463	8851	0.42%	0.033%
10	5.987	529	536	539	rBV6	5319	10265	0.48%	0.038%
11	6.063	544	549	552	rBV4	6200	9191	0.43%	0.034%
12	7.385	767	774	789	rVB3	192855	439468	20.62%	1.646%
13	7.550	794	802	814	rBV2	139253	258171	12.11%	0.967%
14	7.761	831	838	853	rBV2	189159	354003	16.61%	1.326%
15	8.237	911	919	929	rVV2	285184	537708	25.23%	2.014%
16	8.866	1019	1026	1028	rBV6	9374	15205	0.71%	0.057%
17	8.942	1031	1039	1048	rBV2	231611	438167	20.56%	1.641%
18	9.072	1060	1061	1069	rVB7	7343	10378	0.49%	0.039%
19	9.330	1101	1105	1112	rVB7	5813	14397	0.68%	0.054%
20	9.412	1112	1119	1129	rBV	223781	417291	19.58%	1.563%
21	9.489	1130	1132	1140	rVB5	8117	16976	0.80%	0.064%
22	9.918	1201	1205	1210	rVB3	5884	9023	0.42%	0.034%
23	10.006	1213	1220	1225	rVB5	4219	9186	0.43%	0.034%
24	10.141	1232	1243	1255	rVV2	198696	398967	18.72%	1.494%
25	10.223	1255	1257	1265	rVB7	8617	15005	0.70%	0.056%
26	10.329	1271	1275	1280	rBV5	6174	9688	0.45%	0.036%
27	10.681	1327	1335	1352	rBV2	275566	558933	26.23%	2.093%
28	10.875	1364	1368	1370	rVB4	6779	9500	0.45%	0.036%
29	10.981	1377	1386	1391	rVB8	15252	24460	1.15%	0.092%
30	11.063	1391	1400	1413	rBV	459292	866808	40.67%	3.246%
31	11.204	1416	1424	1436	rBV3	77964	178281	8.37%	0.668%
32	11.416	1455	1460	1464	rBV4	12162	22680	1.06%	0.085%
33	11.457	1464	1467	1476	rVB8	10511	20139	0.94%	0.075%
34	11.721	1506	1512	1513	rBV3	7631	12049	0.57%	0.045%

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35	11.815	1524	1528	1530	rBV5	6784	7730	0.36%	0.029%
36	11.874	1533	1538	1543	rBV8	11640	16608	0.78%	0.062%
37	12.074	1568	1572	1575	rBV6	8707	13417	0.63%	0.050%
38	12.203	1588	1594	1595	rBV5	7941	11929	0.56%	0.045%
39	12.315	1610	1613	1615	rBV4	7437	8643	0.41%	0.032%
40	12.415	1625	1630	1637	rBV4	24998	38826	1.82%	0.145%
41	12.503	1642	1645	1651	rBV6	9877	15281	0.72%	0.057%
42	12.703	1674	1679	1682	rBV3	24469	37596	1.76%	0.141%
43	12.855	1698	1705	1711	rBV3	10017	27238	1.28%	0.102%
44	12.920	1711	1716	1725	rVB5	27583	55920	2.62%	0.209%
45	13.008	1725	1731	1733	rBV6	9704	20402	0.96%	0.076%
46	13.038	1734	1736	1742	rVV6	8274	13998	0.66%	0.052%
47	13.102	1742	1747	1748	rVB4	10402	12552	0.59%	0.047%
48	13.202	1758	1764	1768	rBV9	10776	17517	0.82%	0.066%
49	13.343	1784	1788	1793	rBV8	15972	31386	1.47%	0.118%
50	13.449	1803	1806	1814	rVB10	10295	16365	0.77%	0.061%
51	13.549	1816	1823	1831	rBV10	13131	43362	2.03%	0.162%
52	13.637	1833	1838	1845	rBV7	37770	63706	2.99%	0.239%
53	13.807	1862	1867	1869	rBV6	7495	12268	0.58%	0.046%
54	13.901	1877	1883	1885	rBV7	14277	26043	1.22%	0.098%
55	14.036	1897	1906	1914	rVV7	24435	67488	3.17%	0.253%
56	14.119	1914	1920	1924	rVV9	19001	40877	1.92%	0.153%
57	14.177	1924	1930	1935	rVV6	36240	85182	4.00%	0.319%
58	14.248	1935	1942	1946	rVV	639604	992422	46.57%	3.717%
59	14.295	1946	1950	1957	rVB	342749	501304	23.52%	1.877%
60	14.412	1967	1970	1974	rBV6	11189	18392	0.86%	0.069%
61	14.553	1987	1994	2002	rBV	605099	1040108	48.80%	3.895%
62	14.630	2005	2007	2010	rVB4	16451	14080	0.66%	0.053%
63	14.694	2013	2018	2024	rVB2	62186	103719	4.87%	0.388%
64	14.859	2034	2046	2057	rBV	860415	1439476	67.54%	5.391%
65	14.982	2062	2067	2074	rVB5	26215	41964	1.97%	0.157%
66	15.070	2074	2082	2086	rBV2	135632	273648	12.84%	1.025%
67	15.117	2086	2090	2101	rVB	223078	434171	20.37%	1.626%
68	15.229	2104	2109	2120	rVB	28731	89431	4.20%	0.335%
69	15.317	2120	2124	2129	rVB7	17216	36706	1.72%	0.137%
70	15.458	2143	2148	2154	rBV9	21148	37875	1.78%	0.142%
71	15.517	2154	2158	2165	rBV10	19657	40293	1.89%	0.151%

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72	15.605	2165	2173	2176	rVV7	51579	110240	5.17%	0.413%
73	15.640	2176	2179	2188	rVB2	90459	141789	6.65%	0.531%
74	15.770	2197	2201	2205	rBV	36678	52330	2.46%	0.196%
75	15.840	2207	2213	2227	rVB	881338	1473715	69.15%	5.519%
76	15.969	2229	2235	2242	rBV	219489	329827	15.48%	1.235%
77	16.157	2262	2267	2269	rBV6	19232	26394	1.24%	0.099%
78	16.504	2321	2326	2330	rBV3	104152	177835	8.34%	0.666%
79	16.874	2384	2389	2398	rBV7	38176	81919	3.84%	0.307%
80	17.250	2449	2453	2457	rBV7	46980	70622	3.31%	0.264%
81	17.297	2457	2461	2465	rVV	114345	149757	7.03%	0.561%
82	17.444	2481	2486	2493	rVB	39412	76508	3.59%	0.287%
83	17.597	2505	2512	2523	rBV2	1012046	1748060	82.02%	6.546%
84	17.697	2523	2529	2538	rVB	951886	1486539	69.75%	5.567%
85	17.991	2576	2579	2582	rBV5	26470	38966	1.83%	0.146%
86	18.032	2582	2586	2598	rVB	140855	215125	10.09%	0.806%
87	18.437	2651	2655	2663	rBV3	189805	267154	12.54%	1.000%
88	18.719	2699	2703	2710	rVB	136825	177499	8.33%	0.665%
89	19.342	2806	2809	2819	rBV2	132246	162322	7.62%	0.608%
90	19.642	2855	2860	2864	rVB	166513	267983	12.57%	1.004%
91	19.694	2866	2869	2874	rBV7	51443	66234	3.11%	0.248%
92	19.912	2899	2906	2910	rVB4	122388	220242	10.33%	0.825%
93	19.971	2910	2916	2928	rBV3	1200013	2091415	98.13%	7.832%
94	20.435	2993	2995	3001	rVB	125551	148542	6.97%	0.556%
95	20.934	3074	3080	3090	rVB6	108608	288601	13.54%	1.081%
96	21.463	3165	3170	3181	rVB4	156975	311846	14.63%	1.168%
97	21.898	3236	3244	3249	rBV	1158652	2131232	100.00%	7.981%
98	24.219	3633	3639	3649	rBV3	160171	450465	21.14%	1.687%
99	25.082	3776	3786	3794	rBV3	557671	1574701	73.89%	5.897%
100	25.317	3816	3826	3839	rVB2	598599	1820208	85.41%	6.817%

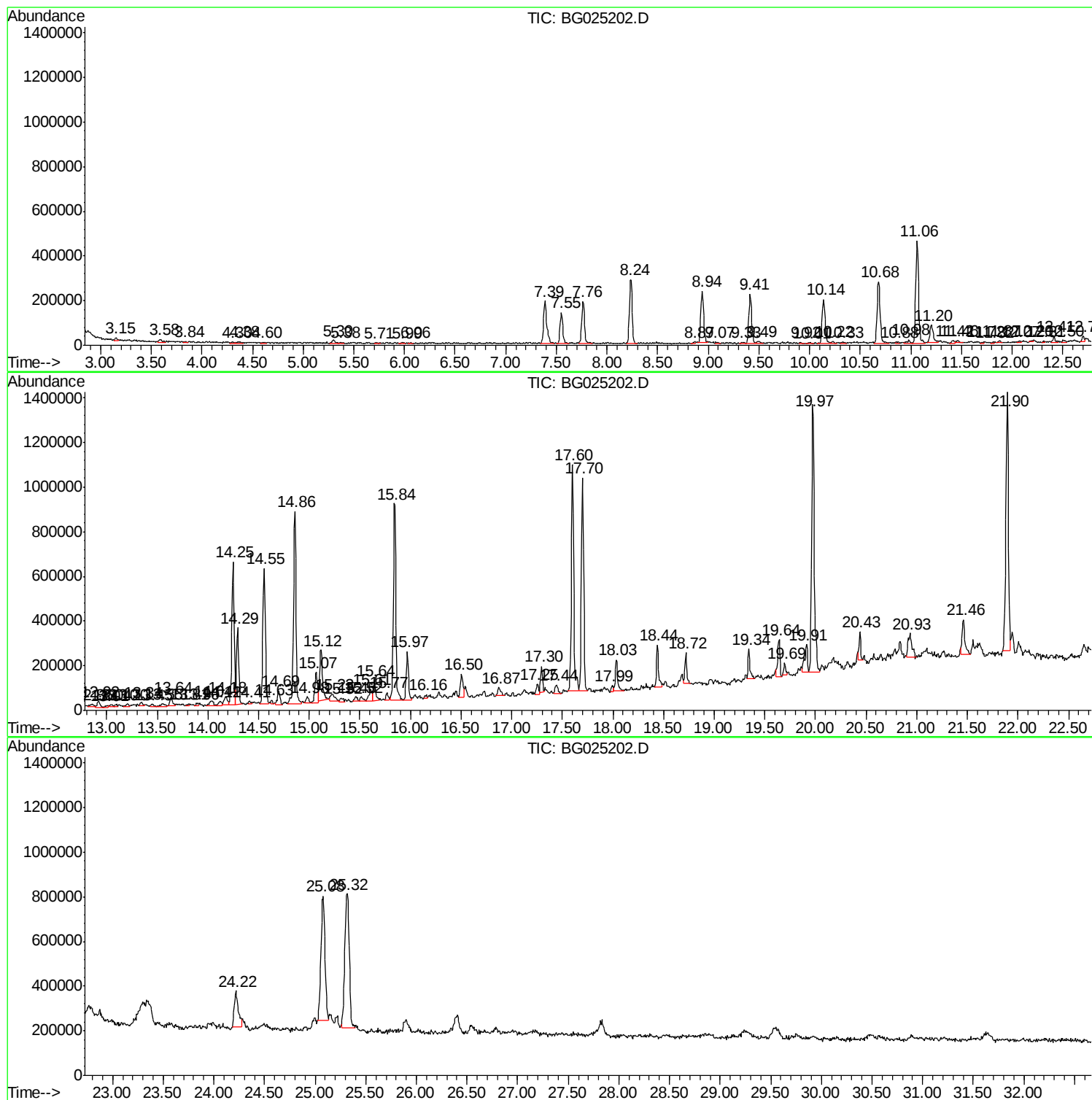
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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



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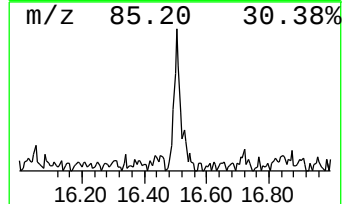
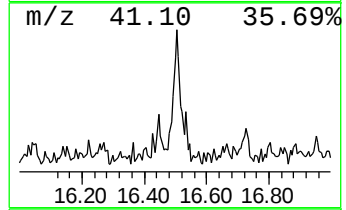
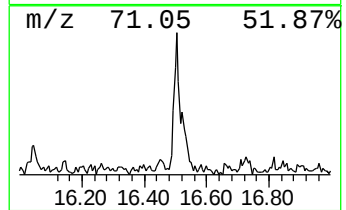
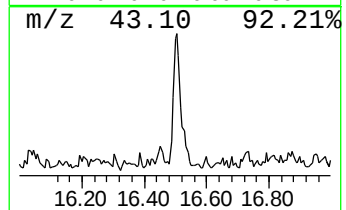
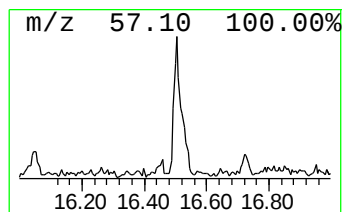
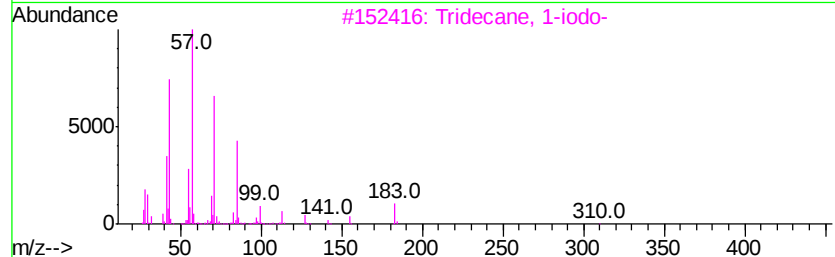
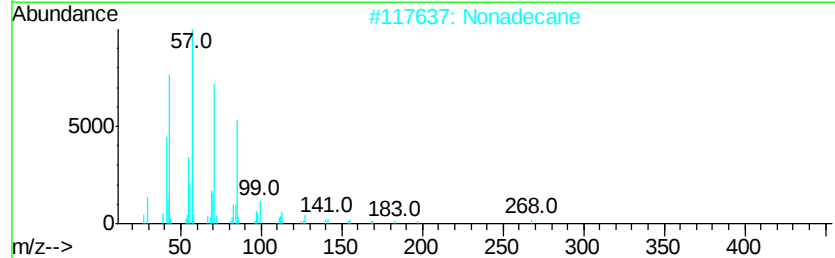
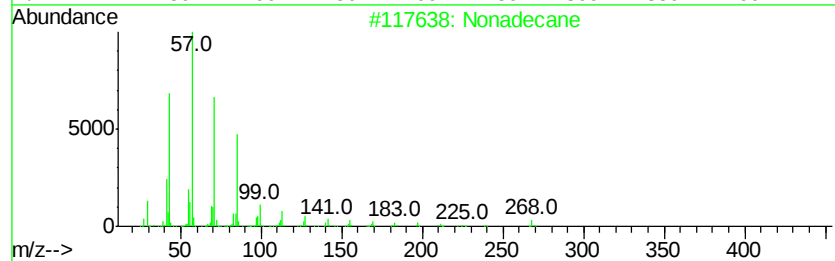
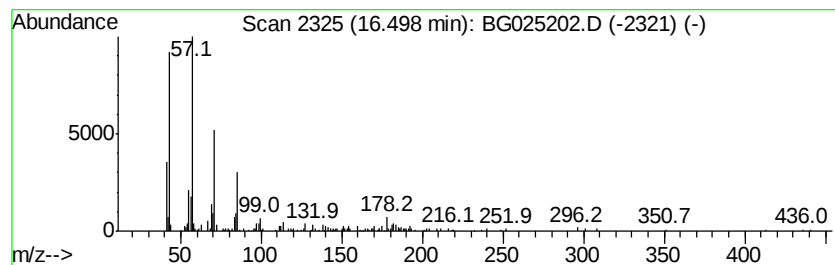
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	2.03 ng/ul	177835	Phenanthrene-d10	17.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	93
2			Nonadecane	268	C19H40	000629-92-5	86
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
4			Pentadecane	212	C15H32	000629-62-9	72
5			Hexadecane	226	C16H34	000544-76-3	72



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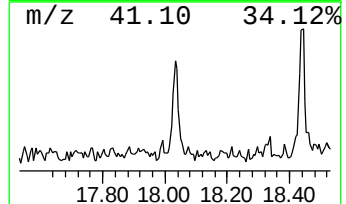
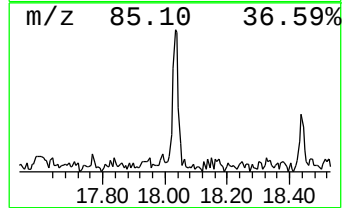
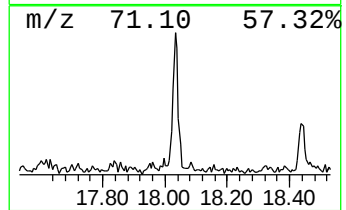
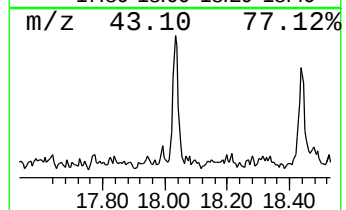
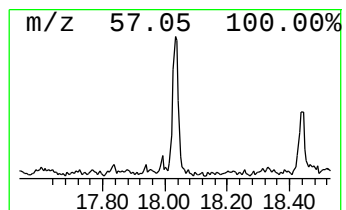
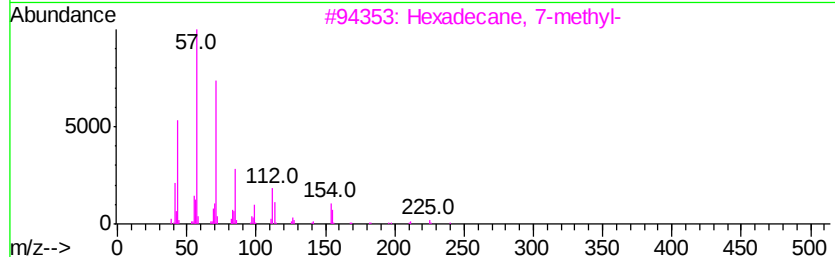
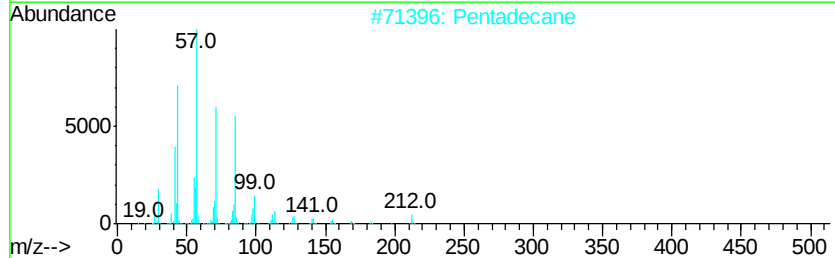
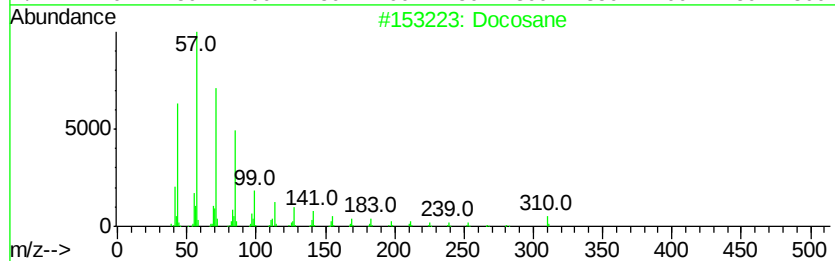
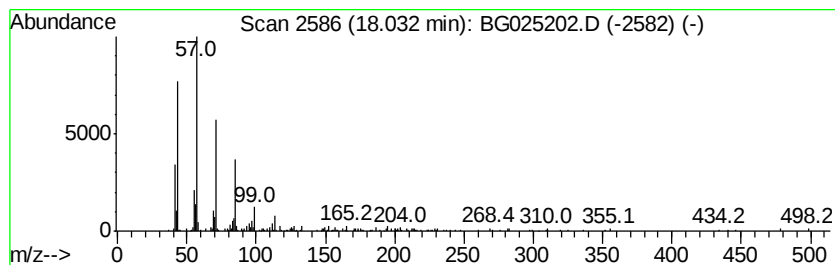
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	2.46 ng/ul	215125	Phenanthrene-d10	17.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	91
2		Pentadecane	212	C15H32	000629-62-9	87
3		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	87
4		Heptacosane	380	C27H56	000593-49-7	80
5		Pentadecane	212	C15H32	000629-62-9	80



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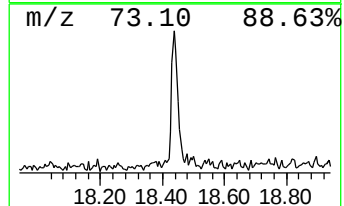
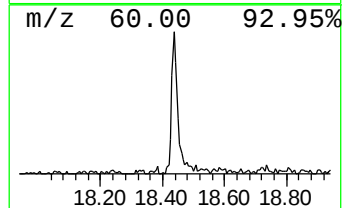
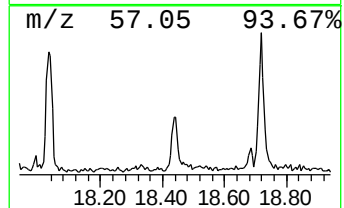
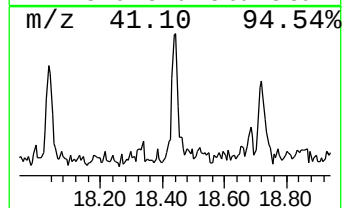
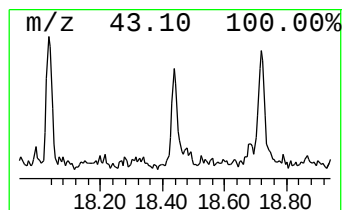
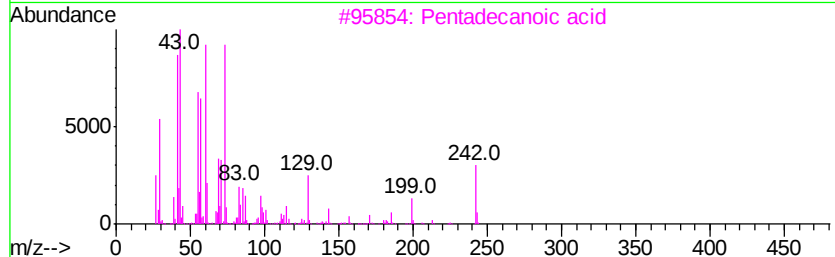
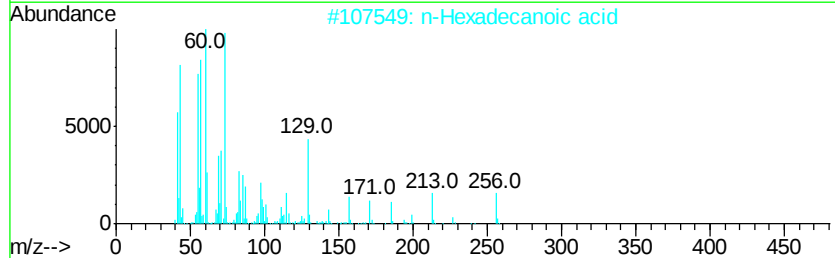
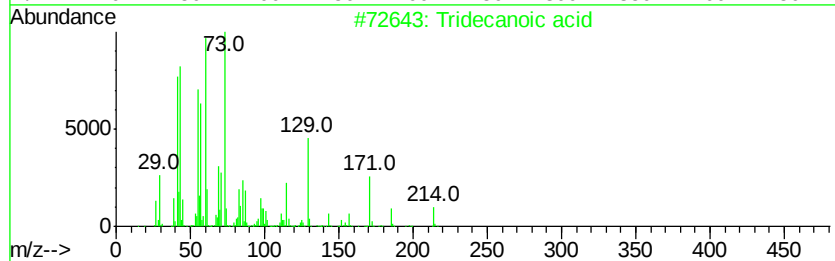
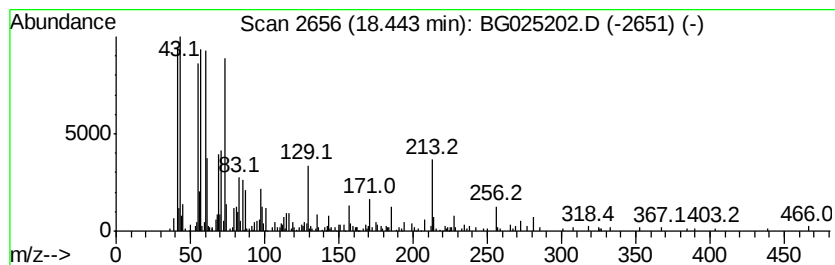
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Peak Number 3 Tridecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	3.06 ng/ul	267154	Phenanthrene-d10	17.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	83
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4		Tridecanoic acid	214	C13H26O2	000638-53-9	58
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025202.D
Acq On : 15 Dec 2016 8:05
Operator : UM/SJ
Sample : H5970-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA855

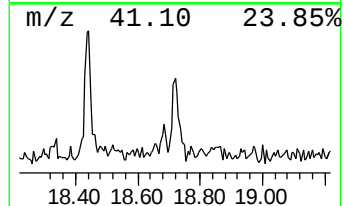
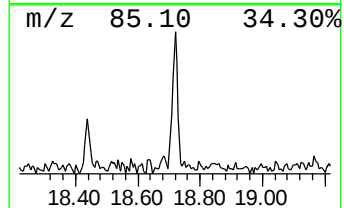
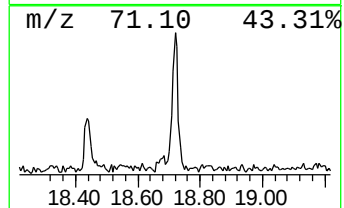
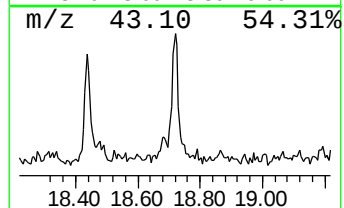
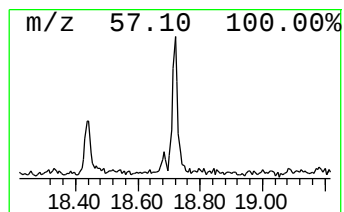
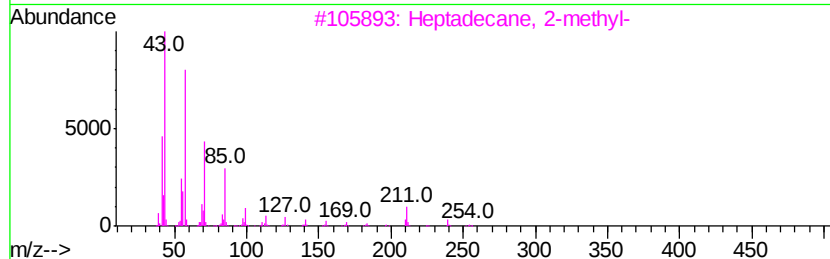
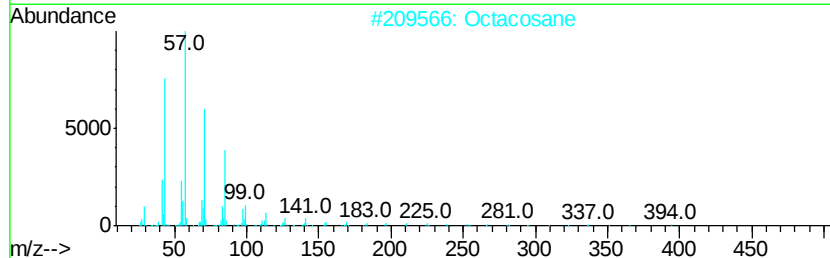
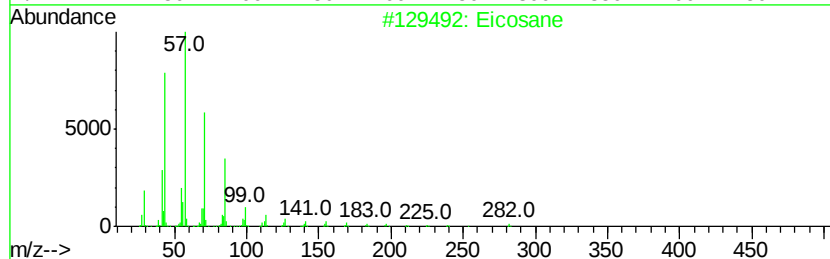
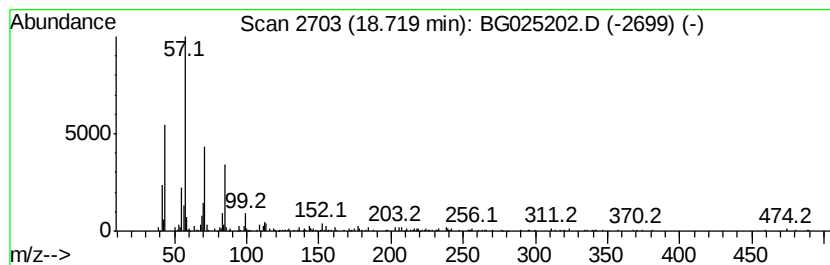
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	2.03 ng/ul	177499	Phenanthrene-d10	17.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	80
2			Octacosane	394	C28H58	000630-02-4	64
3			Heptadecane, 2-methyl-	254	C18H38	001560-89-0	64
4			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	64
5			Heptadecane	240	C17H36	000629-78-7	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025202.D
Acq On : 15 Dec 2016 8:05
Operator : UM/SJ
Sample : H5970-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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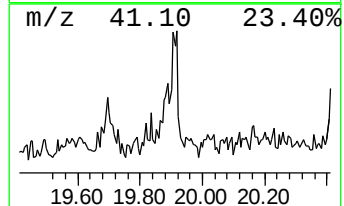
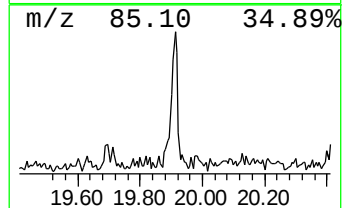
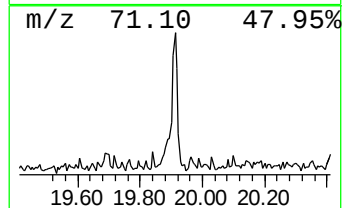
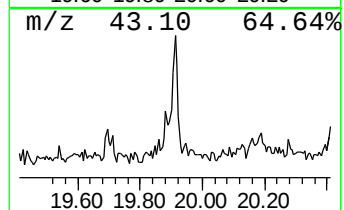
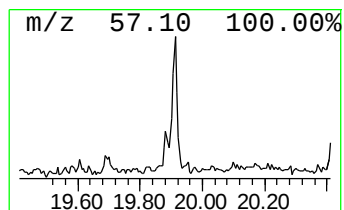
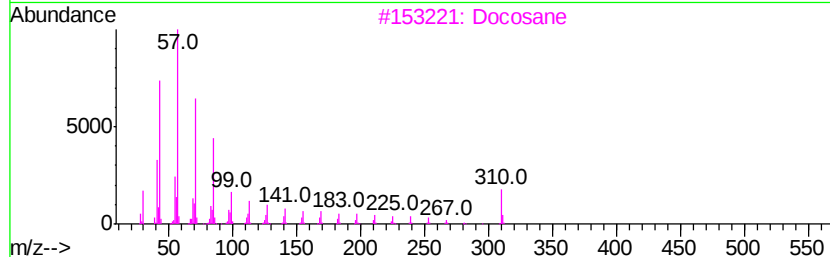
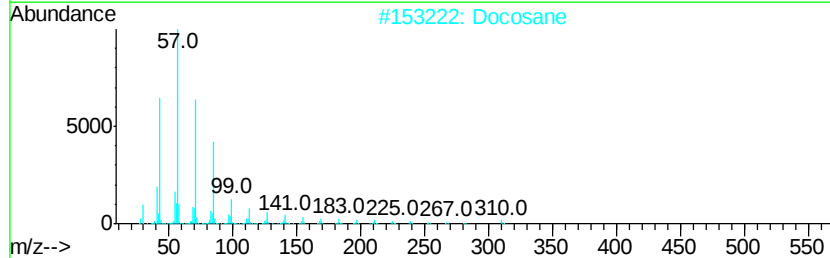
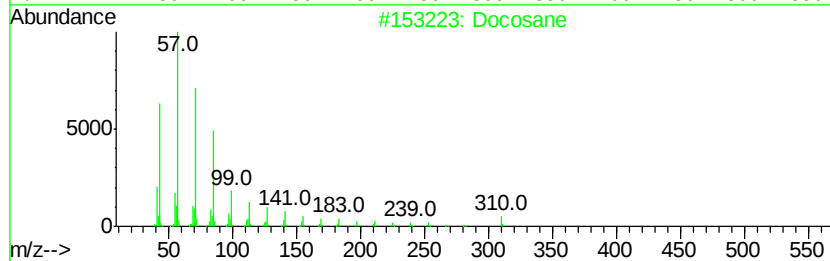
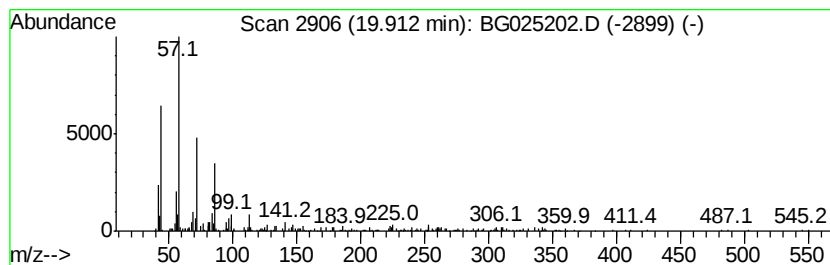
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
19.91	2.07 ng/ul	220242	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	87
2		Docosane	310	C22H46	000629-97-0	87
3		Docosane	310	C22H46	000629-97-0	83
4		Decane, 3-methyl-	156	C11H24	013151-34-3	72
5		Tetracosane	338	C24H50	000646-31-1	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025202.D
Acq On : 15 Dec 2016 8:05
Operator : UM/SJ
Sample : H5970-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

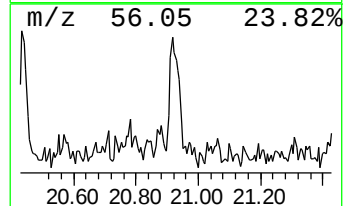
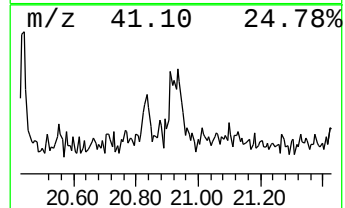
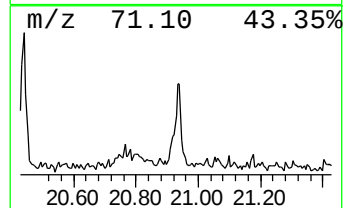
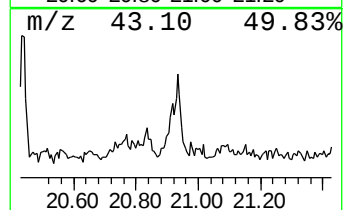
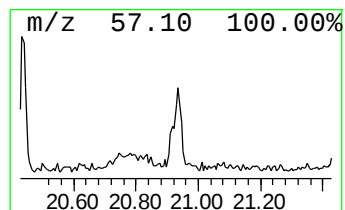
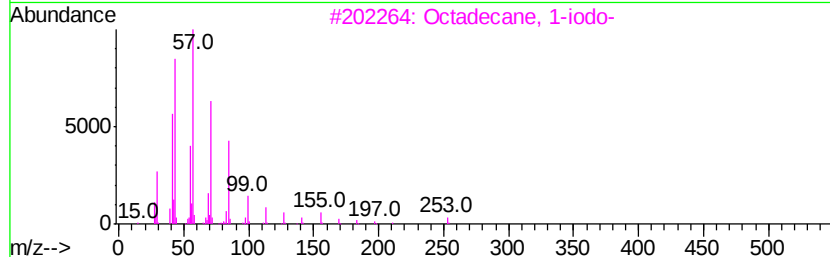
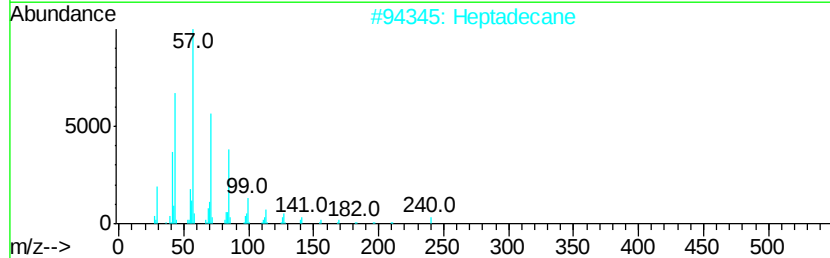
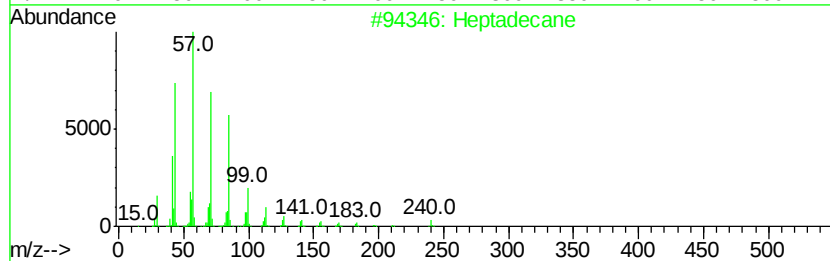
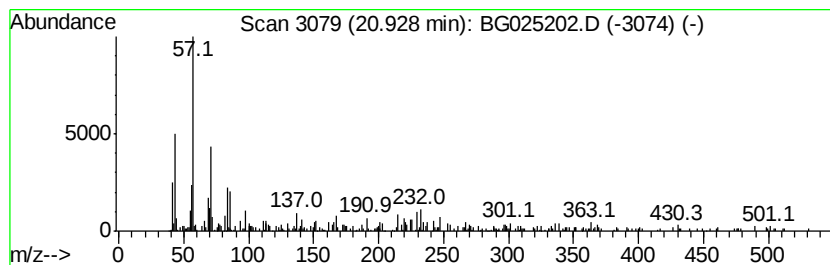
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.93	2.71 ng/ul	288601	Chrysene-d12	21.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	72
2	Heptadecane	240	C17H36	000629-78-7	64
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	64
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025202.D
Acq On : 15 Dec 2016 8:05
Operator : UM/SJ
Sample : H5970-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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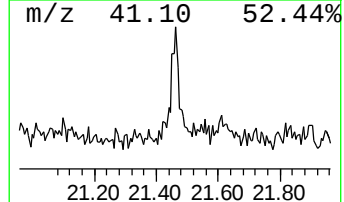
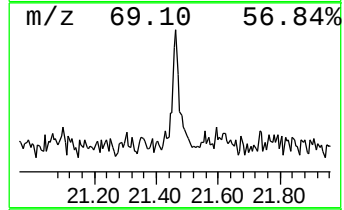
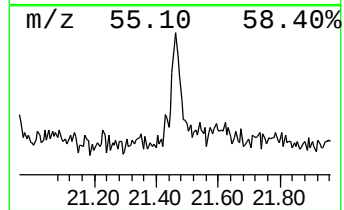
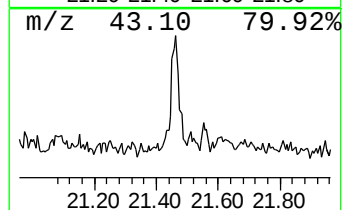
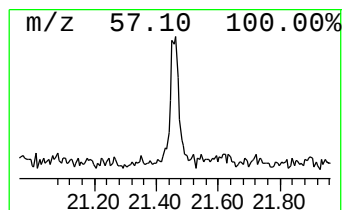
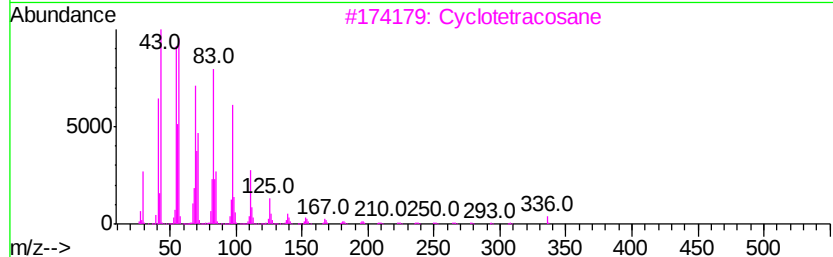
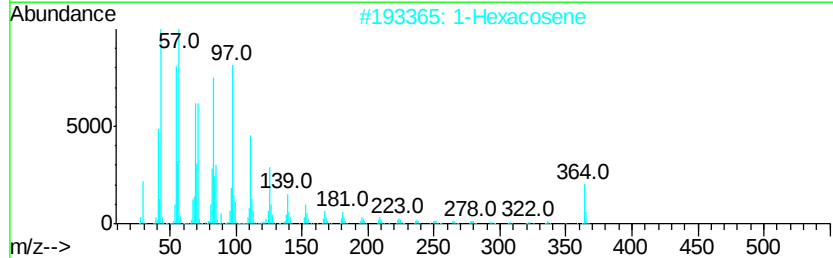
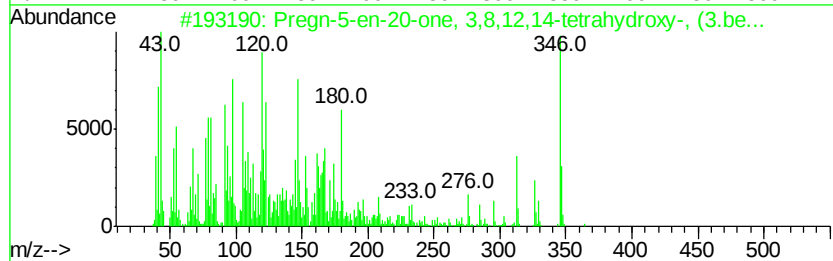
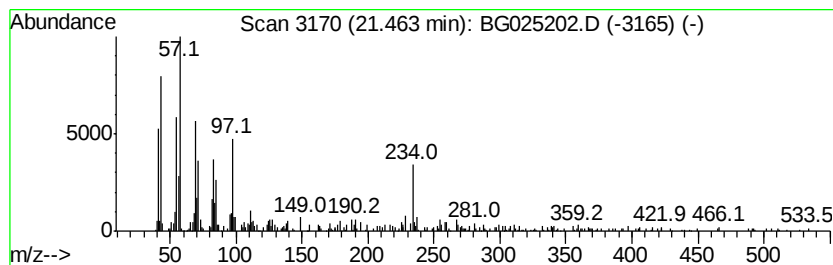
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Pregn-5-en-20-one, 3,8,12,14... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	2.93 ng/ul	311846	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pregn-5-en-20-one, 3,8,12,14-tet...	364	C21H32O5	006869-50-7	83
2		1-Hexacosene	364	C26H52	018835-33-1	43
3		Cyclotetracosane	336	C24H48	000297-03-0	35
4		Cyclooctacosane	392	C28H56	000297-24-5	35
5		Cycloheptane, methyl-	112	C8H16	004126-78-7	30



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
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Acq On : 15 Dec 2016 8:05
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Sample : H5970-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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
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(DEL) Alkane: Str...	18.03	2.5	ng/ul	215125	4	17.60	1748060	20.0
Tridecanoic acid	18.44	3.1	ng/ul	267154	4	17.60	1748060	20.0
(DEL) Alkane: Str...	18.72	2.0	ng/ul	177499	4	17.60	1748060	20.0
(DEL) Alkane: Str...	19.91	2.1	ng/ul	220242	5	21.90	2131230	20.0
(DEL) Alkane: Str...	20.93	2.7	ng/ul	288601	5	21.90	2131230	20.0
Pregn-5-en-20-one...	21.46	2.9	ng/ul	311846	5	21.90	2131230	20.0