

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101316\
 Data File : BG024328.D
 Acq On : 13 Oct 2016 19:51
 Operator : UM/SJ
 Sample : H5164-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNM7

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-BG0100716.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	3.649	135	138	147	rVB2	43872	72481	1.27%	0.096%
2	3.936	184	187	193	rVB7	10922	21281	0.37%	0.028%
3	4.289	246	247	251	rBV4	15160	17492	0.31%	0.023%
4	4.412	265	268	278	rVB9	19077	39002	0.68%	0.052%
5	4.671	310	312	319	rBV5	11828	17474	0.31%	0.023%
6	5.352	423	428	437	rVB	154214	263487	4.60%	0.349%
7	5.511	451	455	460	rBV7	12028	18447	0.32%	0.024%
8	5.587	464	468	472	rVB5	13533	21805	0.38%	0.029%
9	5.652	472	479	481	rBV8	16614	34356	0.60%	0.045%
10	6.234	574	578	583	rVB8	11155	17601	0.31%	0.023%
11	6.339	592	596	600	rVB6	12431	19029	0.33%	0.025%
12	6.663	648	651	656	rVB5	10668	16895	0.30%	0.022%
13	7.209	738	744	750	rBV5	25652	47580	0.83%	0.063%
14	7.415	772	779	792	rVB	995189	1895986	33.11%	2.511%
15	7.603	804	811	822	rVB	707904	1181098	20.62%	1.564%
16	7.808	839	846	857	rVB	910815	1666460	29.10%	2.207%
17	8.290	919	928	942	rVV	805776	1478375	25.82%	1.958%
18	8.619	975	984	985	rVB8	7572	17067	0.30%	0.023%
19	8.719	998	1001	1008	rVB8	14432	28326	0.49%	0.038%
20	8.801	1008	1015	1017	rBV8	13601	33336	0.58%	0.044%
21	8.831	1017	1020	1027	rVB7	12545	25935	0.45%	0.034%
22	8.978	1035	1045	1054	rBV	1234697	2217033	38.72%	2.936%
23	9.095	1062	1065	1071	rVB7	12969	19095	0.33%	0.025%
24	9.465	1117	1128	1134	rVV	969284	1829457	31.95%	2.422%
25	9.524	1134	1138	1147	rVV4	69434	137193	2.40%	0.182%
26	9.595	1147	1150	1155	rVB7	15139	24343	0.43%	0.032%
27	9.818	1181	1188	1197	rBV8	17218	49528	0.86%	0.066%
28	10.188	1241	1251	1259	rBV	883250	1614746	28.20%	2.138%
29	10.617	1319	1324	1330	rVB8	14290	32020	0.56%	0.042%
30	10.717	1330	1341	1351	rBV	1209956	2339532	40.85%	3.098%
31	11.116	1399	1409	1418	rBV	1135919	2147068	37.49%	2.843%
32	11.246	1422	1431	1442	rBV	1146937	2141051	37.39%	2.835%
33	11.575	1482	1487	1489	rBV4	14677	22975	0.40%	0.030%
34	11.716	1508	1511	1515	rBV5	9556	20006	0.35%	0.026%

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35	12.080	1567	1573	1575	rBV6	11834	17557	0.31%	0.023%
36	12.603	1658	1662	1669	rVV9	11597	18500	0.32%	0.024%
37	12.679	1669	1675	1683	rVB4	30470	58885	1.03%	0.078%
38	13.496	1810	1814	1819	rVB6	17675	25059	0.44%	0.033%
39	13.696	1842	1848	1849	rBV6	14020	21426	0.37%	0.028%
40	13.766	1856	1860	1865	rVB4	35060	54028	0.94%	0.072%
41	14.295	1939	1950	1954	rBV	2189753	3386937	59.14%	4.485%
42	14.342	1954	1958	1968	rVB	1798501	2528147	44.15%	3.348%
43	14.600	1994	2002	2011	rBV	2289302	3781129	66.03%	5.007%
44	14.759	2024	2029	2034	rVB3	44643	68675	1.20%	0.091%
45	14.906	2046	2054	2061	rBV	1873899	3059511	53.43%	4.051%
46	15.065	2071	2081	2092	rBV	1187338	1892774	33.05%	2.506%
47	15.206	2102	2105	2110	rVB6	13698	18048	0.32%	0.024%
48	15.264	2110	2115	2120	rBV7	27868	53954	0.94%	0.071%
49	15.305	2120	2122	2130	rVB8	12878	21877	0.38%	0.029%
50	15.370	2130	2133	2139	rBV6	19204	27714	0.48%	0.037%
51	15.441	2141	2145	2149	rBV6	13907	24124	0.42%	0.032%
52	15.605	2170	2173	2177	rVB5	12931	19530	0.34%	0.026%
53	15.658	2178	2182	2186	rVV5	29358	44486	0.78%	0.059%
54	15.705	2186	2190	2197	rVB2	109696	159194	2.78%	0.211%
55	15.887	2211	2221	2231	rVB	2940600	4829041	84.33%	6.394%
56	15.993	2231	2239	2248	rBV	1116077	1722229	30.07%	2.280%
57	16.122	2251	2261	2270	rVB8	60386	182112	3.18%	0.241%
58	16.204	2271	2275	2280	rVV8	24437	35778	0.62%	0.047%
59	16.257	2280	2284	2290	rVB8	19831	38883	0.68%	0.051%
60	16.322	2292	2295	2301	rBV6	23560	38215	0.67%	0.051%
61	16.392	2305	2307	2311	rBV5	11653	16509	0.29%	0.022%
62	16.563	2331	2336	2349	rVB	130929	253096	4.42%	0.335%
63	16.845	2377	2384	2386	rBV8	21662	44154	0.77%	0.058%
64	16.904	2391	2394	2398	rBV6	23212	29956	0.52%	0.040%
65	16.992	2408	2409	2417	rVB8	20093	42947	0.75%	0.057%
66	17.074	2419	2423	2428	rVB7	27393	41252	0.72%	0.055%
67	17.139	2431	2434	2439	rVB7	17802	26847	0.47%	0.036%
68	17.180	2439	2441	2444	rBV4	16560	18858	0.33%	0.025%
69	17.356	2466	2471	2475	rBV2	80523	117356	2.05%	0.155%
70	17.403	2476	2479	2490	rVB9	39763	69447	1.21%	0.092%
71	17.644	2513	2520	2528	rBV	2120850	3431390	59.92%	4.544%

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72	17.744	2530	2537	2547	rVB	3093748	4869379	85.03%	6.448%
73	17.879	2558	2560	2563	rBV4	22853	25253	0.44%	0.033%
74	17.932	2564	2569	2574	rVV2	46497	67342	1.18%	0.089%
75	17.985	2574	2578	2589	rVB5	96739	159731	2.79%	0.212%
76	18.090	2593	2596	2601	rBV4	38003	50876	0.89%	0.067%
77	18.296	2625	2631	2634	rVB8	13950	24586	0.43%	0.033%
78	18.384	2641	2646	2647	rVB4	15739	24086	0.42%	0.032%
79	18.490	2657	2664	2674	rBV	782424	1171954	20.47%	1.552%
80	18.778	2710	2713	2718	rVB6	24775	33289	0.58%	0.044%
81	18.819	2718	2720	2724	rBV4	15162	18256	0.32%	0.024%
82	19.177	2778	2781	2785	rVB4	40653	49827	0.87%	0.066%
83	19.224	2785	2789	2793	rBV4	69576	90836	1.59%	0.120%
84	19.342	2805	2809	2814	rVB7	16039	28203	0.49%	0.037%
85	19.395	2816	2818	2824	rVB7	21883	28218	0.49%	0.037%
86	19.606	2851	2854	2855	rBV2	32899	34681	0.61%	0.046%
87	19.642	2856	2860	2865	rVB4	63556	122670	2.14%	0.162%
88	19.747	2873	2878	2888	rBV	587394	816236	14.25%	1.081%
89	19.894	2901	2903	2909	rVB5	44799	69437	1.21%	0.092%
90	20.012	2916	2923	2933	rVB	3750892	5726542	100.00%	7.583%
91	20.288	2965	2970	2973	rBV	357629	429274	7.50%	0.568%
92	20.329	2973	2977	2983	rVB	765996	846259	14.78%	1.121%
93	21.298	3138	3142	3145	rBV2	129818	167724	2.93%	0.222%
94	21.340	3145	3149	3154	rVB	266587	345369	6.03%	0.457%
95	21.528	3175	3181	3194	rVB2	504315	850293	14.85%	1.126%
96	21.939	3244	3251	3259	rVB	2208674	3976322	69.44%	5.265%
97	22.456	3336	3339	3342	rBV4	59480	84292	1.47%	0.112%
98	22.503	3344	3347	3352	rVB3	106667	125233	2.19%	0.166%
99	25.153	3786	3798	3809	rVB2	1756755	5440897	95.01%	7.204%
100	25.388	3827	3838	3850	rVB	1309312	4097407	71.55%	5.425%

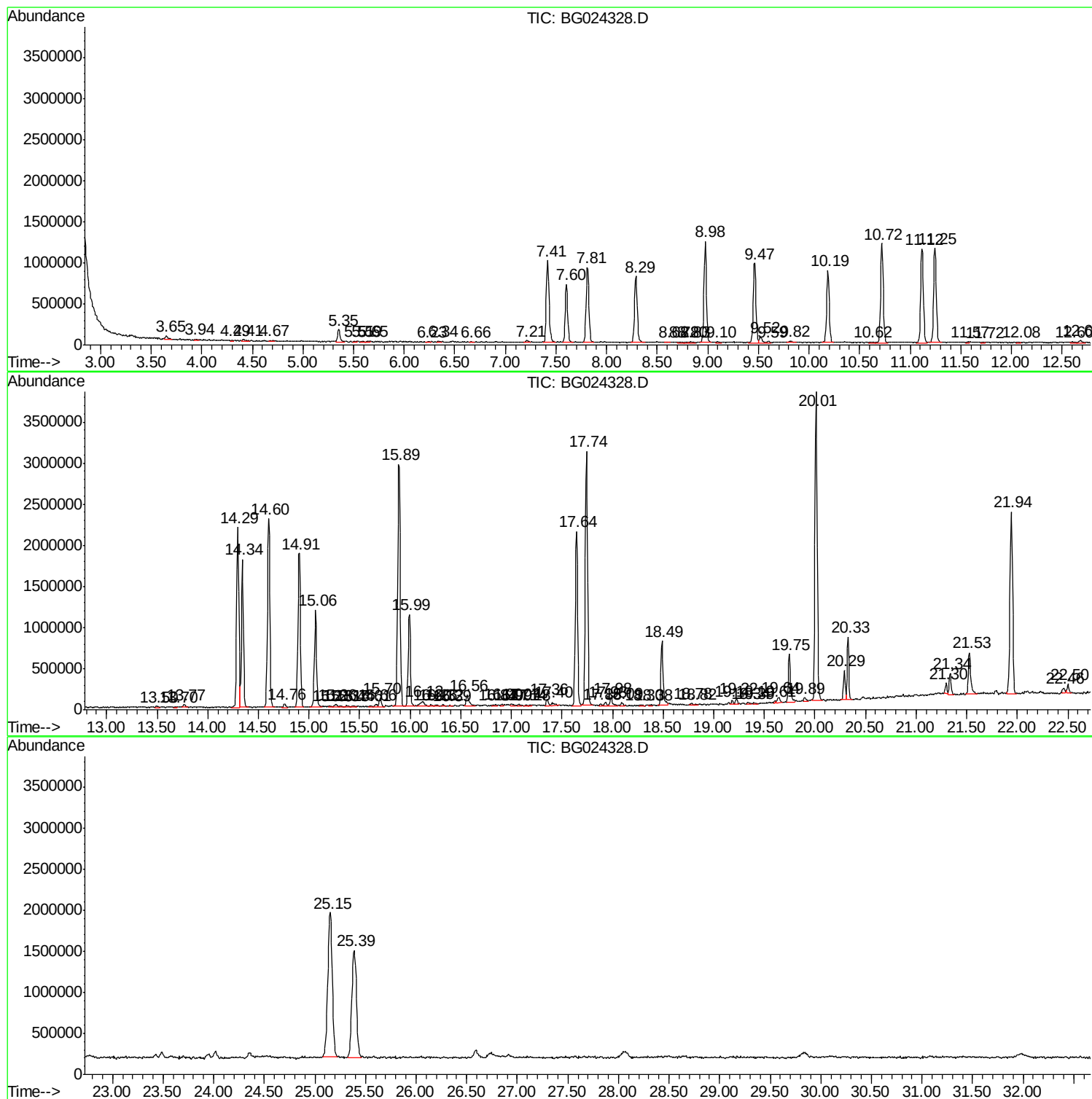
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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



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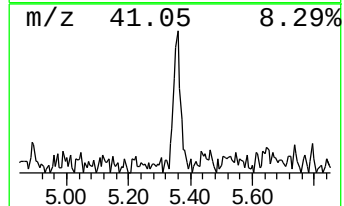
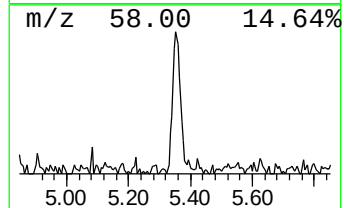
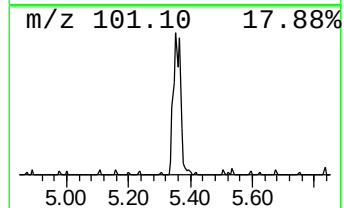
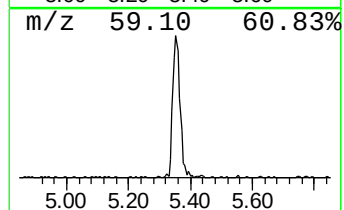
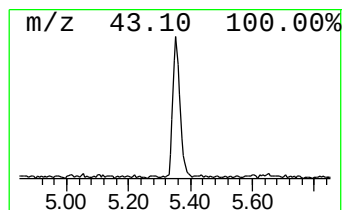
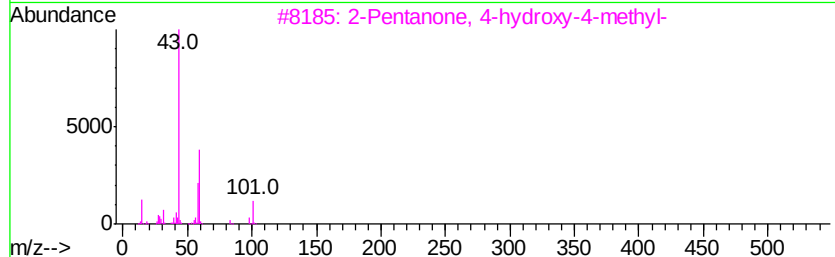
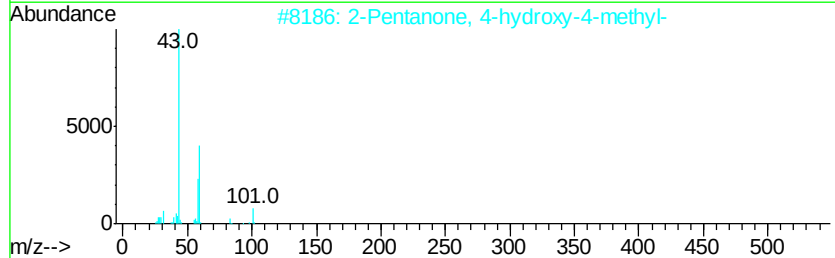
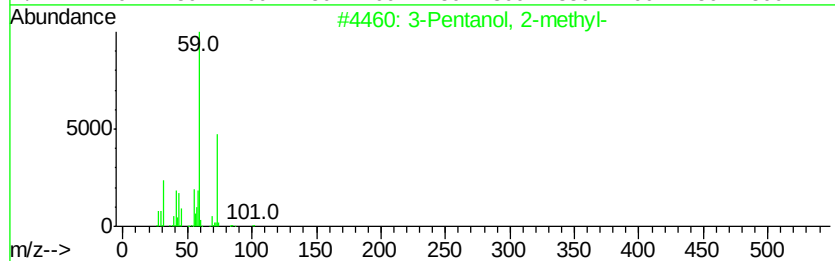
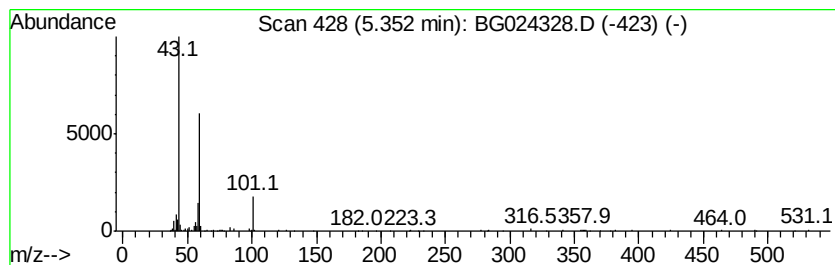
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.35	3.56 ng/ul	263487	1,4-Dichlorobenzene-d4	8.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3	Pentanol, 2-methyl-	102	C6H14O	000565-67-3	43
2	2	Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
3	2	Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
4		Dimethadione	129	C5H7NO3	000695-53-4	37
5	2	Hexanol, 2-methyl-	116	C7H16O	000625-23-0	36



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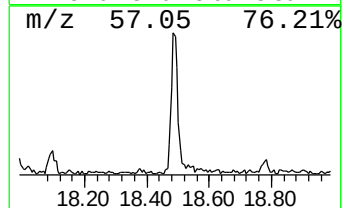
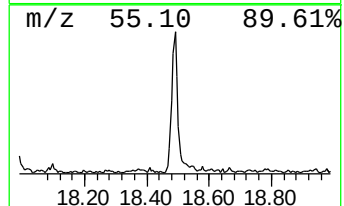
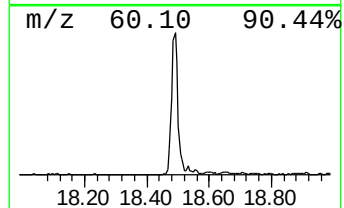
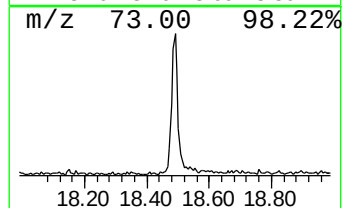
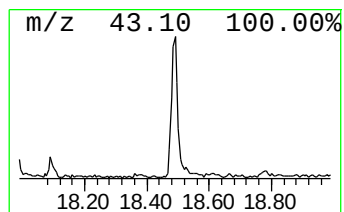
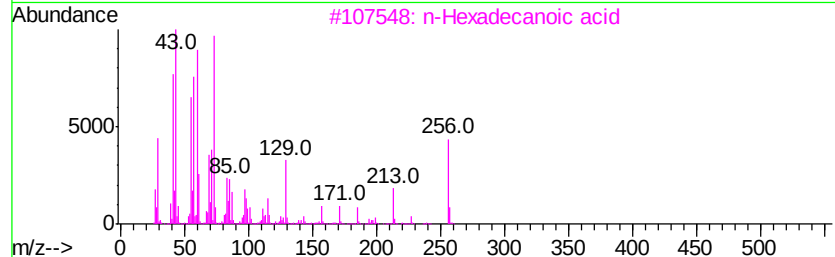
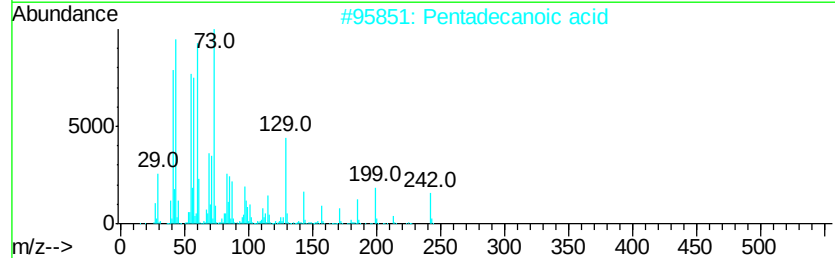
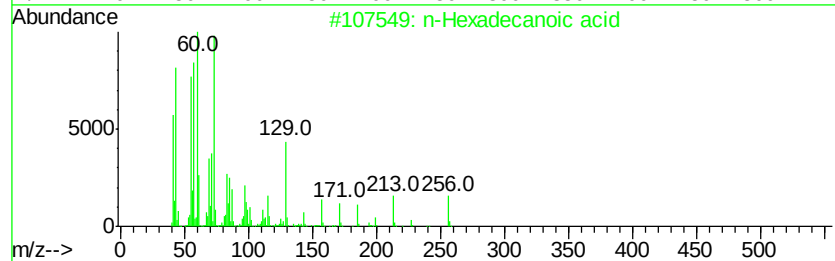
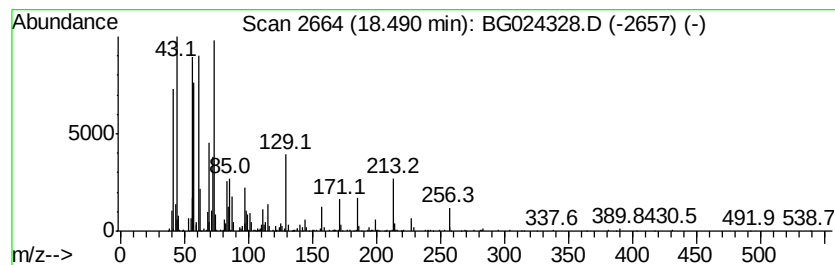
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	6.83 ng/ul	1171950	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4		Tridecanoic acid	214	C13H26O2	000638-53-9	72
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70



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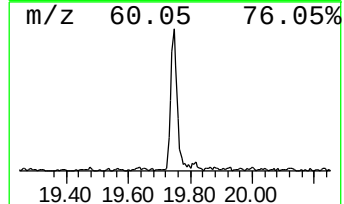
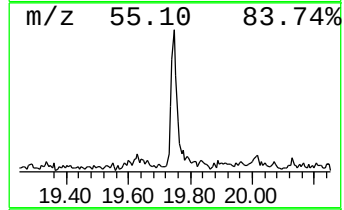
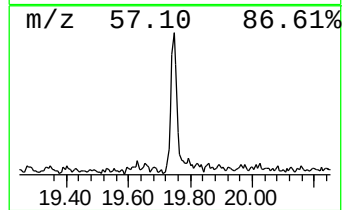
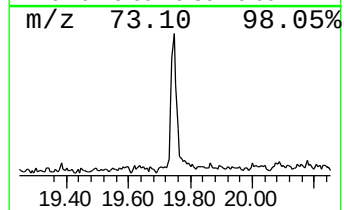
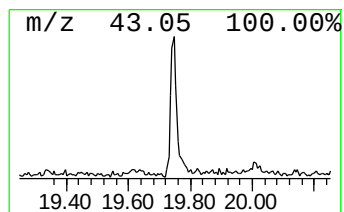
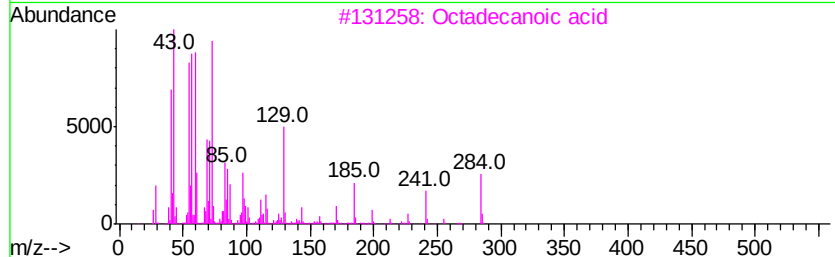
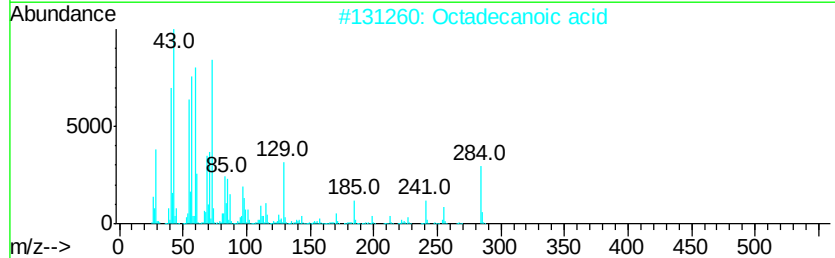
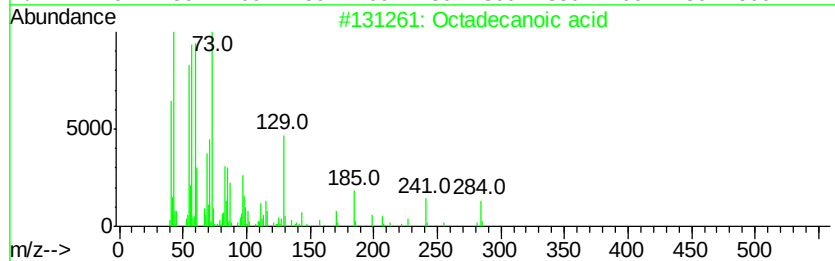
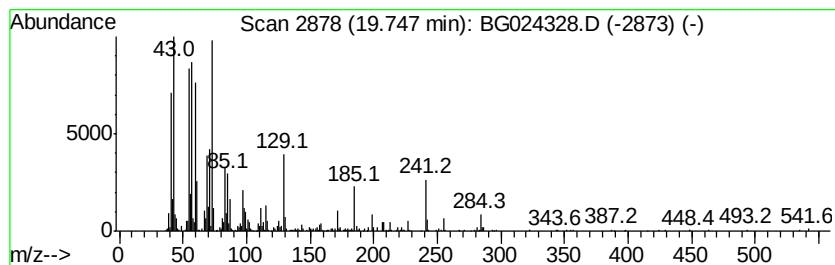
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Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	4.76 ng/ul	816236	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Octadecanoic acid	284	C18H36O2	000057-11-4	93
3		Octadecanoic acid	284	C18H36O2	000057-11-4	93
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	83



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101316\
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Acq On : 13 Oct 2016 19:51
Operator : UM/SJ
Sample : H5164-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNM7

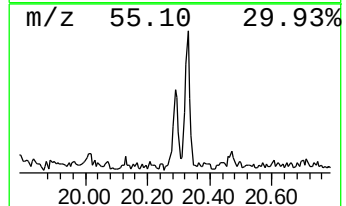
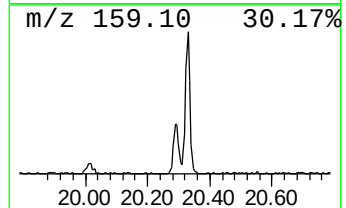
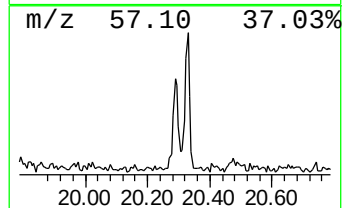
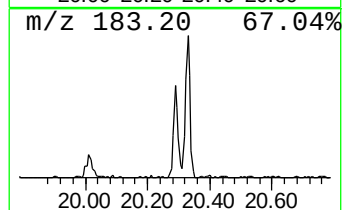
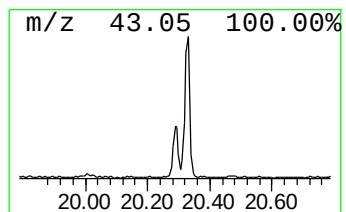
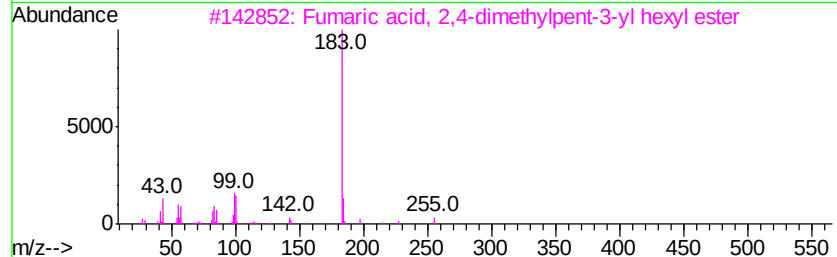
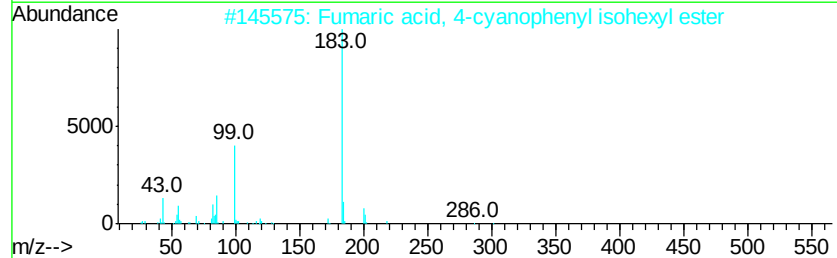
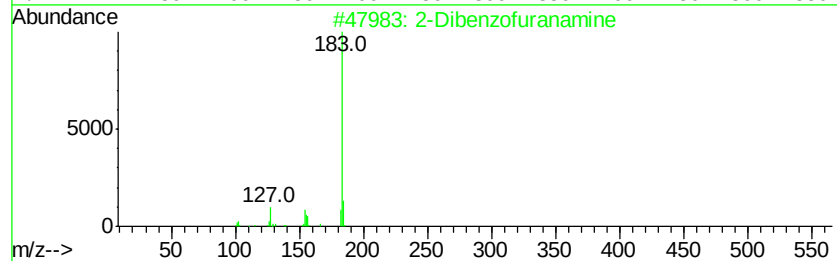
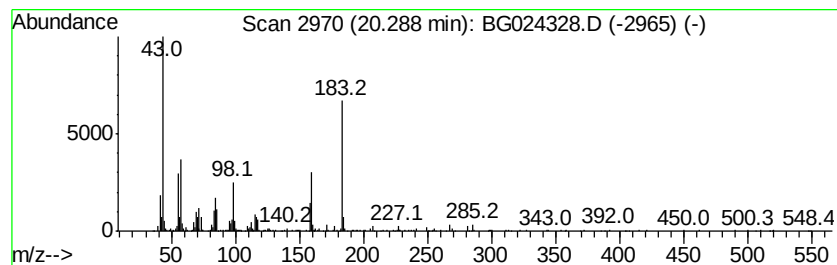
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	2.16 ng/ul	429274	Chrysene-d12	21.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Dibenzofuranamine	183	C12H9NO	003693-22-9	37
2		Fumaric acid, 4-cyanophenyl isoh...	301	C17H19NO4	1000344-81-3	35
3		Fumaric acid, 2,4-dimethylpent-3...	298	C17H30O4	1000348-54-7	35
4		Fumaric acid, 3,5-difluorophenyl...	312	C16H18F2O4	1000339-37-3	35
5		Acetamide, N-[1-(2-ethyl-1-piper...	212	C12H24N2O	055030-28-9	32



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101316\
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Acq On : 13 Oct 2016 19:51
Operator : UM/SJ
Sample : H5164-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNM7

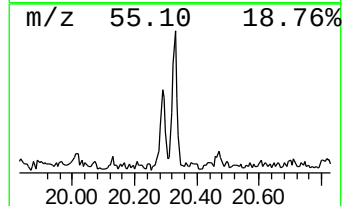
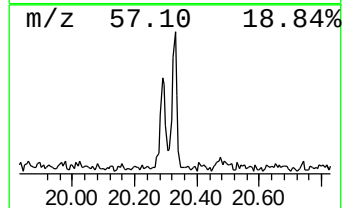
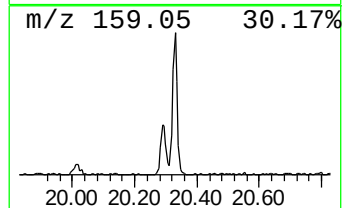
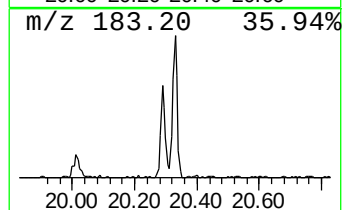
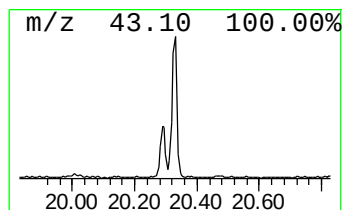
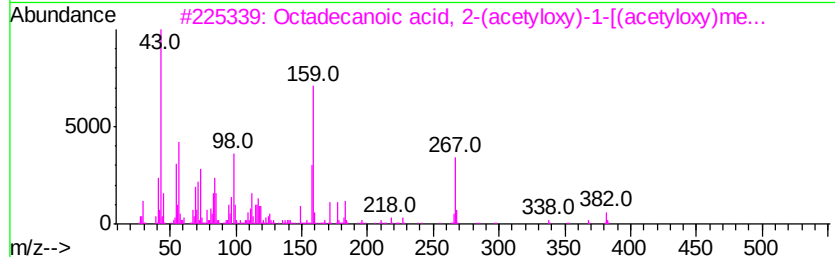
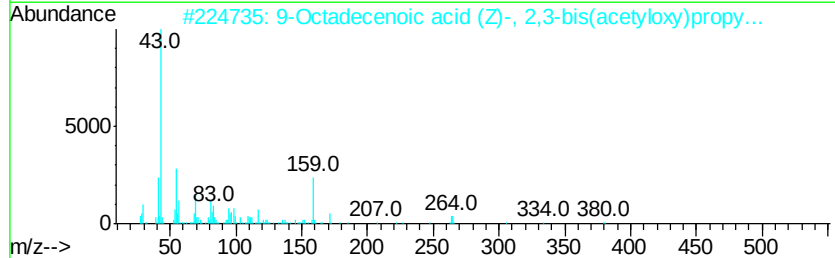
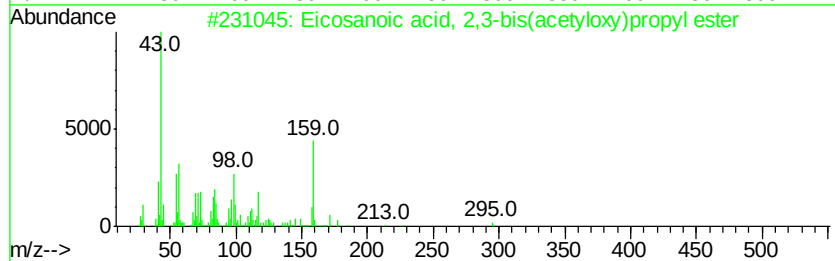
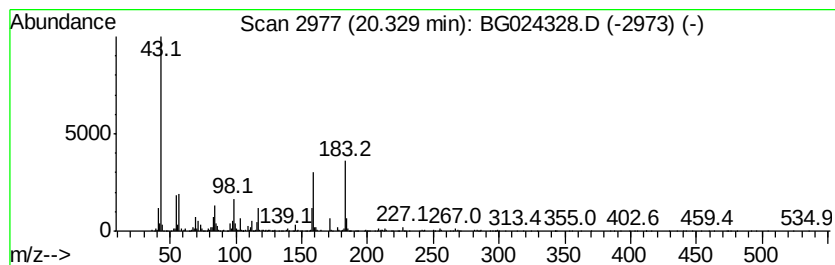
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.33	4.26 ng/ul	846259	Chrysene-d12	21.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	38
2		9-Octadecenoic acid (Z)-, 2,3-bi...	440	C25H44O6	055401-64-4	25
3		Octadecanoic acid, 2-(acetyloxy)...	442	C25H46O6	055401-62-2	25
4		Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	17
5		Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	16



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101316\
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Sample : H5164-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNM7

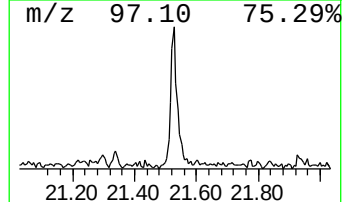
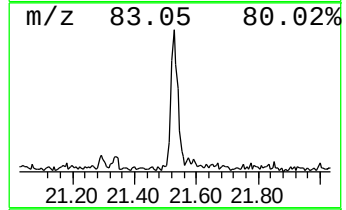
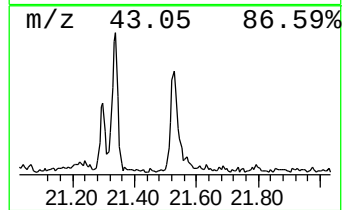
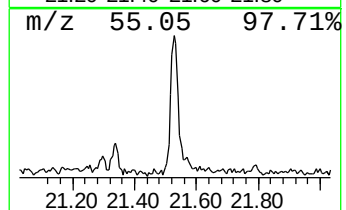
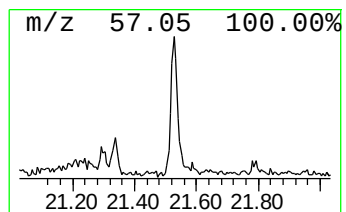
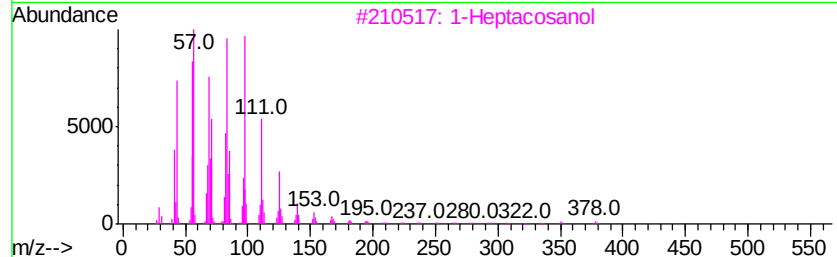
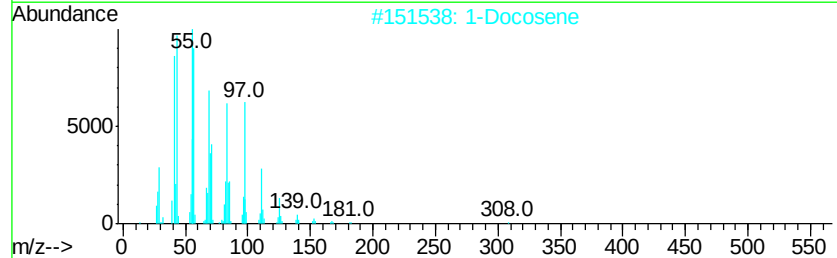
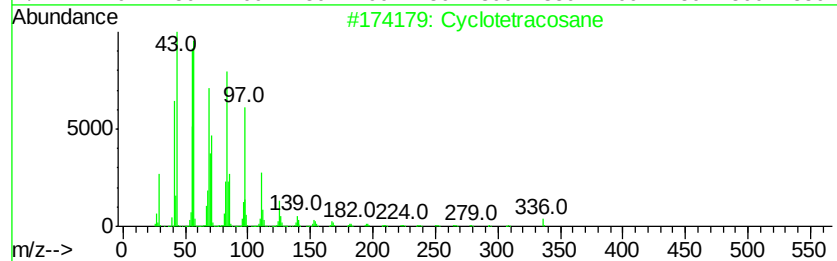
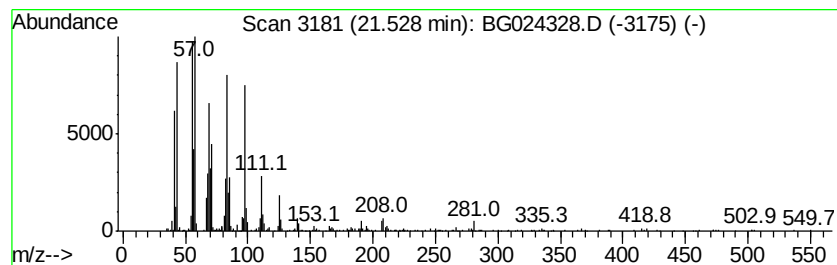
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic21.53 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	4.28 ng/ul	850293	Chrysene-d12	21.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	96
2		1-Docosene	308	C22H44	001599-67-3	91
3		1-Heptacosanol	396	C27H56O	002004-39-9	91
4		Octacosanol	410	C28H58O	000557-61-9	91
5		1-Hexacosene	364	C26H52	018835-33-1	89



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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNM7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.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
unknown-01	5.35	3.6	ng/ul	263487	1	8.28	1478380	20.0
n-Hexadecanoic acid	18.49	6.8	ng/ul	1171950	4	17.64	3431390	20.0
Octadecanoic acid	19.75	4.8	ng/ul	816236	4	17.64	3431390	20.0
unknown-02	20.29	2.2	ng/ul	429274	5	21.94	3976320	20.0
unknown-03	20.33	4.3	ng/ul	846259	5	21.94	3976320	20.0
(DEL) Alkane: Cyc...	21.53	4.3	ng/ul	850293	5	21.94	3976320	20.0