

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101316\
 Data File : BG024325.D
 Acq On : 13 Oct 2016 17:56
 Operator : UM/SJ
 Sample : H5164-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNM4

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	3.651	134	138	145	rVB4	43972	68002	1.09%	0.086%
2	3.944	185	188	192	rVB6	12192	15978	0.26%	0.020%
3	4.414	264	268	276	rVB9	23509	45120	0.72%	0.057%
4	5.037	369	374	378	rBV8	12373	27101	0.43%	0.034%
5	5.354	423	428	436	rVB	104379	171515	2.74%	0.216%
6	5.654	472	479	483	rBV5	25637	47677	0.76%	0.060%
7	6.330	589	594	597	rBV7	13287	19643	0.31%	0.025%
8	6.406	602	607	609	rBV4	8299	14595	0.23%	0.018%
9	6.471	616	618	626	rVB6	12737	22933	0.37%	0.029%
10	6.894	688	690	699	rVB8	7573	19762	0.32%	0.025%
11	7.217	738	745	758	rBV5	47099	94659	1.51%	0.119%
12	7.417	772	779	790	rVB	1093238	2059249	32.88%	2.590%
13	7.605	800	811	819	rVB	761323	1322237	21.11%	1.663%
14	7.699	823	827	835	rVB9	11349	24574	0.39%	0.031%
15	7.810	835	846	855	rBV	1050139	1868439	29.84%	2.350%
16	7.916	860	864	869	rBV5	11400	20100	0.32%	0.025%
17	8.292	919	928	940	rVB	846001	1586341	25.33%	1.996%
18	8.492	960	962	970	rVB8	11057	18860	0.30%	0.024%
19	8.803	1011	1015	1019	rBV6	12794	17232	0.28%	0.022%
20	8.974	1035	1044	1056	rBV	1345499	2416924	38.59%	3.040%
21	9.315	1097	1102	1103	rVB5	9608	14654	0.23%	0.018%
22	9.461	1118	1127	1134	rBV	1089435	2010809	32.11%	2.530%
23	9.532	1134	1139	1145	rVB2	128545	225817	3.61%	0.284%
24	9.814	1183	1187	1192	rBV5	21071	33215	0.53%	0.042%
25	10.102	1232	1236	1239	rBV6	7464	15113	0.24%	0.019%
26	10.190	1239	1251	1261	rVB	951513	1801304	28.76%	2.266%
27	10.360	1274	1280	1286	rVB8	18707	43528	0.70%	0.055%
28	10.402	1286	1287	1293	rVB5	9725	15423	0.25%	0.019%
29	10.631	1325	1326	1333	rVV7	9935	15441	0.25%	0.019%
30	10.719	1333	1341	1354	rVV	1386900	2583443	41.25%	3.250%
31	11.118	1397	1409	1417	rBV	1247093	2267759	36.21%	2.853%
32	11.248	1422	1431	1445	rVB	1174640	2236702	35.72%	2.814%
33	11.606	1486	1492	1500	rVB	11603	33863	0.54%	0.043%
34	11.841	1527	1532	1540	rBV8	15132	36137	0.58%	0.045%

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35	11.947	1544	1550	1552	rBV6	10285	14721	0.24%	0.019%
36	12.675	1670	1674	1682	rVB6	35506	62393	1.00%	0.078%
37	12.799	1689	1695	1696	rVB4	11778	20210	0.32%	0.025%
38	13.210	1759	1765	1768	rVV8	8453	15765	0.25%	0.020%
39	13.257	1768	1773	1780	rVB7	17359	33636	0.54%	0.042%
40	13.504	1810	1815	1817	rVB3	20906	27184	0.43%	0.034%
41	13.698	1844	1848	1853	rVB8	9380	16849	0.27%	0.021%
42	13.768	1853	1860	1864	rBV6	40150	65664	1.05%	0.083%
43	14.103	1909	1917	1923	rBV9	28473	67078	1.07%	0.084%
44	14.297	1940	1950	1954	rBV	2457624	3755919	59.97%	4.725%
45	14.344	1954	1958	1968	rVB	2407301	3345234	53.42%	4.208%
46	14.461	1974	1978	1984	rBV8	9686	19167	0.31%	0.024%
47	14.526	1984	1989	1992	rBV7	9012	17632	0.28%	0.022%
48	14.602	1993	2002	2012	rVV	2580170	4177932	66.71%	5.256%
49	14.755	2023	2028	2035	rVB5	38065	60844	0.97%	0.077%
50	14.902	2044	2053	2064	rVB	2029082	3237369	51.69%	4.072%
51	15.067	2072	2081	2095	rBV	1236609	2008800	32.08%	2.527%
52	15.261	2110	2114	2120	rBV7	24923	42154	0.67%	0.053%
53	15.372	2128	2133	2137	rBV7	18627	29470	0.47%	0.037%
54	15.443	2141	2145	2148	rVB5	18959	20953	0.33%	0.026%
55	15.601	2169	2172	2176	rBV6	14462	24924	0.40%	0.031%
56	15.660	2178	2182	2186	rBV3	40100	51820	0.83%	0.065%
57	15.707	2186	2190	2195	rVB	103852	144980	2.32%	0.182%
58	15.766	2195	2200	2205	rBV9	17764	31847	0.51%	0.040%
59	15.830	2205	2211	2212	rBV6	12504	21910	0.35%	0.028%
60	15.889	2213	2221	2228	rVB	3277981	5271761	84.18%	6.632%
61	15.989	2232	2238	2250	rBV	1213202	1853878	29.60%	2.332%
62	16.124	2250	2261	2267	rVV7	66841	183823	2.94%	0.231%
63	16.206	2271	2275	2279	rBV5	16080	31374	0.50%	0.039%
64	16.253	2280	2283	2290	rVB9	21131	38478	0.61%	0.048%
65	16.324	2292	2295	2302	rVB8	23318	35362	0.56%	0.044%
66	16.565	2330	2336	2348	rBV	138228	273433	4.37%	0.344%
67	16.671	2351	2354	2361	rVB7	21513	28975	0.46%	0.036%
68	16.835	2379	2382	2386	rVB6	21339	34018	0.54%	0.043%
69	16.906	2391	2394	2401	rBV7	16998	32444	0.52%	0.041%
70	16.994	2407	2409	2413	rBV5	19896	21179	0.34%	0.027%
71	17.070	2418	2422	2429	rVB10	16494	34493	0.55%	0.043%

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72	17.135	2429	2433	2436	rBV6	21386	29991	0.48%	0.038%
73	17.358	2467	2471	2475	rBV2	85232	120076	1.92%	0.151%
74	17.399	2475	2478	2492	rVB2	35689	110021	1.76%	0.138%
75	17.640	2512	2519	2529	rBV2	2174631	3538564	56.50%	4.451%
76	17.740	2529	2536	2547	rVB	3369011	5337887	85.23%	6.715%
77	17.881	2557	2560	2565	rBV7	23112	32249	0.51%	0.041%
78	17.928	2565	2568	2573	rVV4	34315	39830	0.64%	0.050%
79	17.981	2573	2577	2590	rVV2	270153	415258	6.63%	0.522%
80	18.098	2592	2597	2601	rBV	51408	66495	1.06%	0.084%
81	18.281	2622	2628	2630	rBV7	13644	19728	0.32%	0.025%
82	18.486	2657	2663	2675	rBV2	430394	640481	10.23%	0.806%
83	18.780	2710	2713	2716	rVB5	21645	30230	0.48%	0.038%
84	19.179	2778	2781	2784	rVB4	33472	35536	0.57%	0.045%
85	19.226	2785	2789	2792	rVV4	39164	55360	0.88%	0.070%
86	19.338	2803	2808	2814	rBV6	106574	146391	2.34%	0.184%
87	19.403	2816	2819	2822	rBV5	26095	25645	0.41%	0.032%
88	19.644	2856	2860	2869	rVB3	69936	136641	2.18%	0.172%
89	19.744	2872	2877	2884	rBV3	274774	398109	6.36%	0.501%
90	19.902	2901	2904	2910	rVB2	46109	68651	1.10%	0.086%
91	20.014	2915	2923	2935	rVB	3954979	6262558	100.00%	7.878%
92	20.290	2967	2970	2973	rBV	186997	207291	3.31%	0.261%
93	20.331	2973	2977	2982	rVB	328564	410886	6.56%	0.517%
94	21.301	3139	3142	3145	rBV4	67904	88307	1.41%	0.111%
95	21.336	3145	3148	3152	rVB2	129460	154933	2.47%	0.195%
96	21.524	3176	3180	3192	rVB5	252374	442011	7.06%	0.556%
97	21.941	3243	3251	3266	rVB	2261974	4124465	65.86%	5.188%
98	22.464	3336	3340	3344	rBV4	97410	158934	2.54%	0.200%
99	25.149	3786	3797	3813	rVB2	1920132	5836032	93.19%	7.342%
100	25.390	3827	3838	3850	rVB2	1349954	4193239	66.96%	5.275%

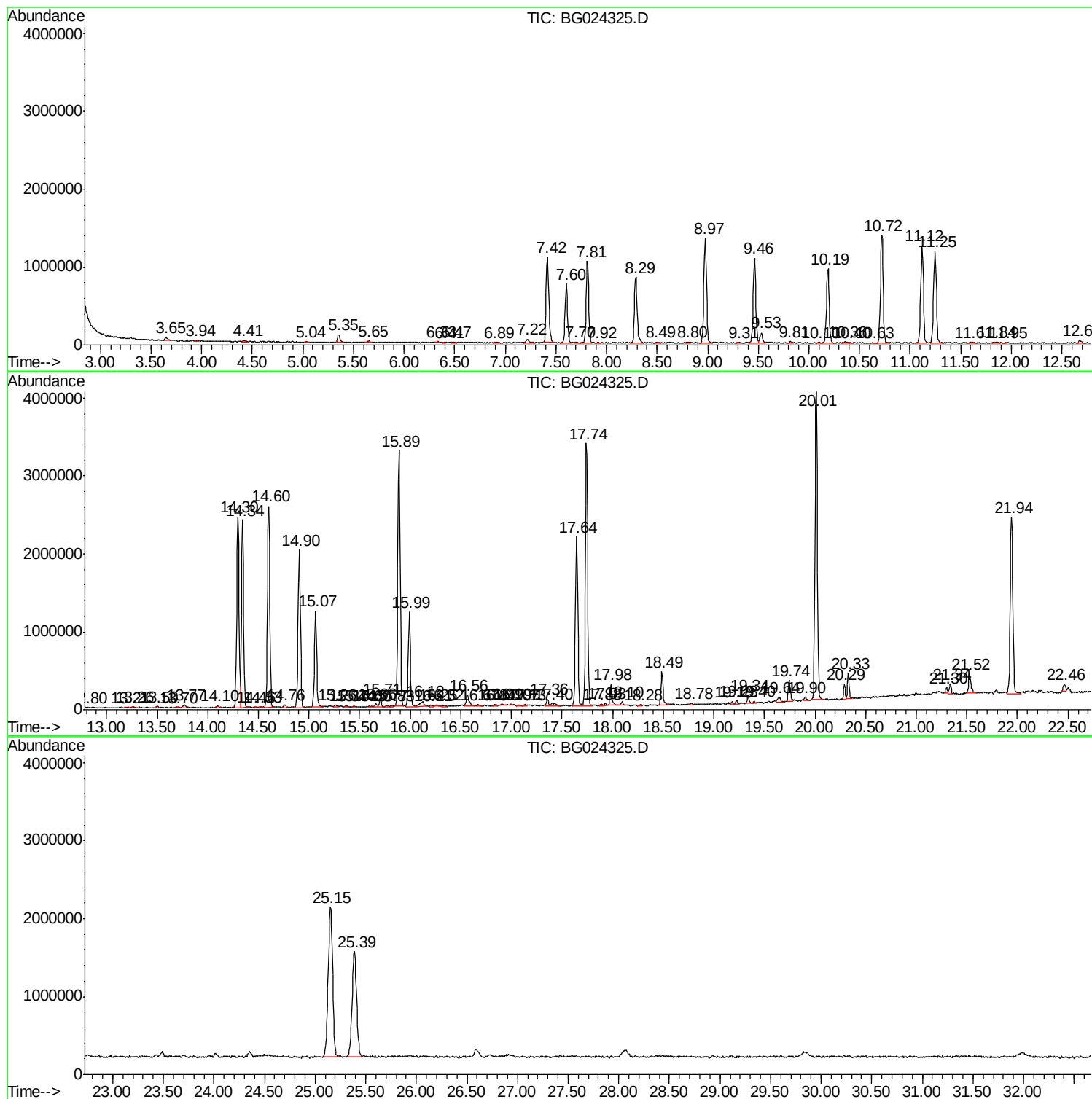
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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



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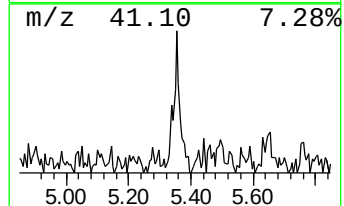
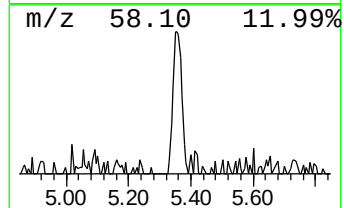
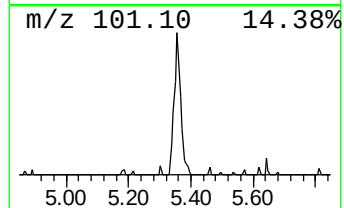
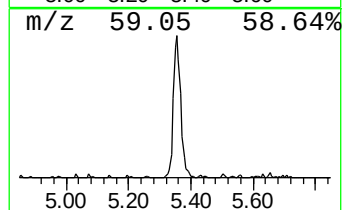
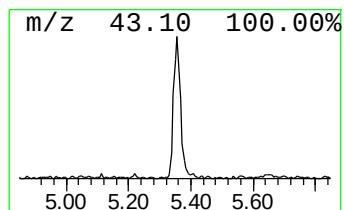
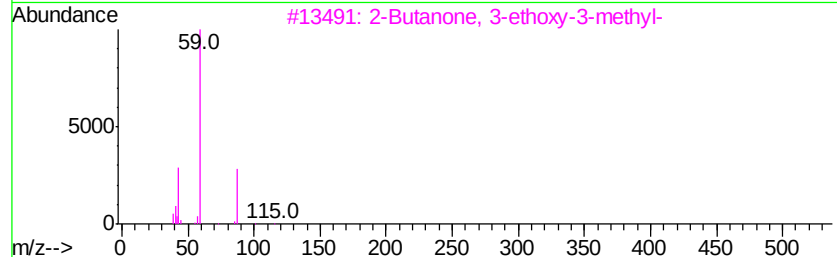
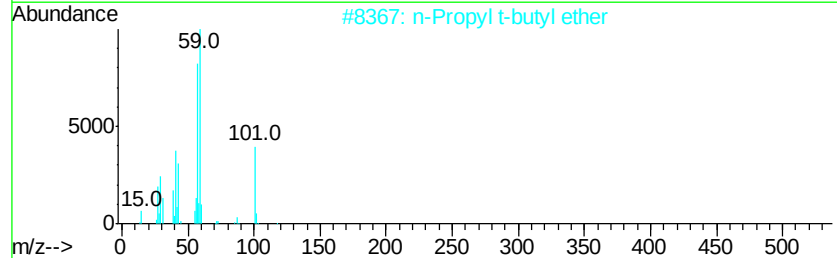
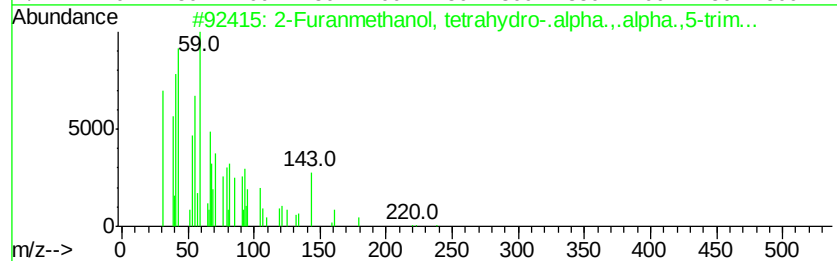
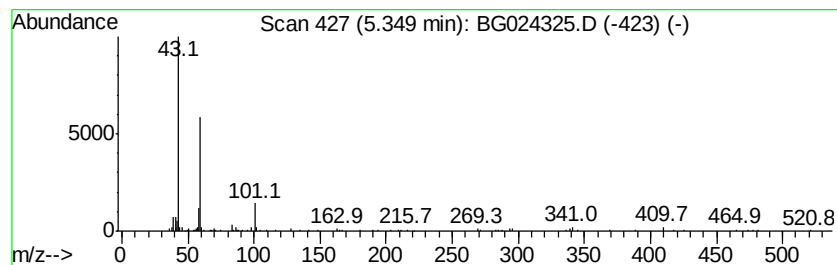
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.35	2.16 ng/ul	171515	1,4-Dichlorobenzene-d4	8.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Furanmethanol, tetrahydro-.alp...	238	C15H26O2	026184-88-3	37
2		n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	36
3		2-Butanone, 3-ethoxy-3-methyl-	130	C7H14O2	036687-99-7	25
4		Allyl dithioacetate	132	C5H8S2	027249-83-8	9
5		Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	9



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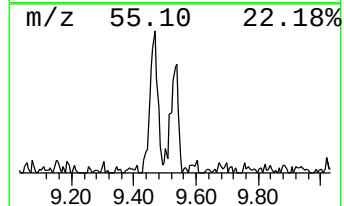
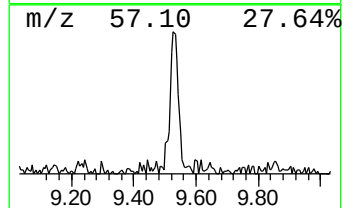
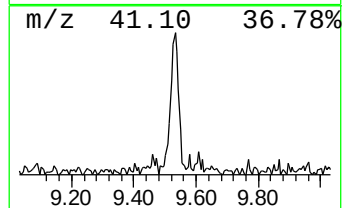
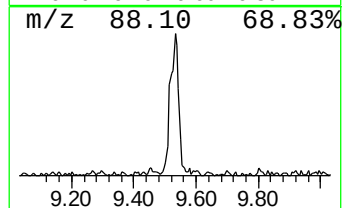
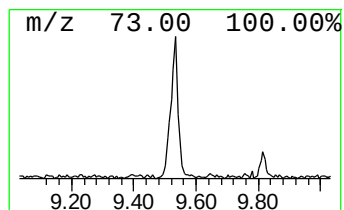
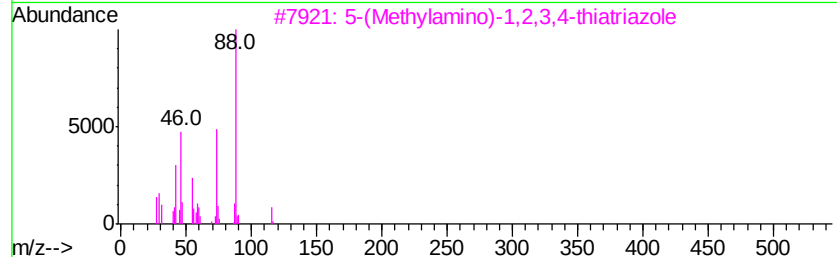
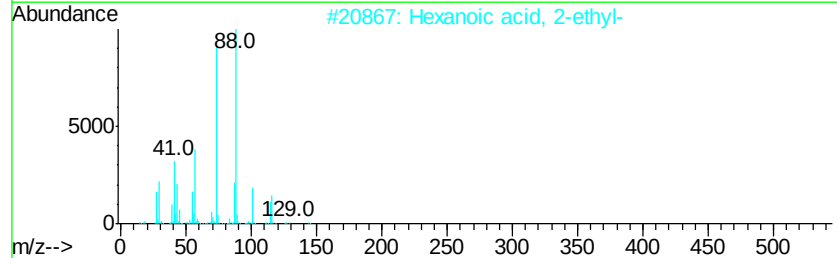
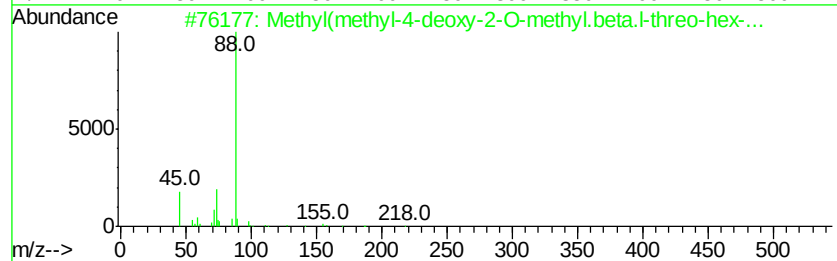
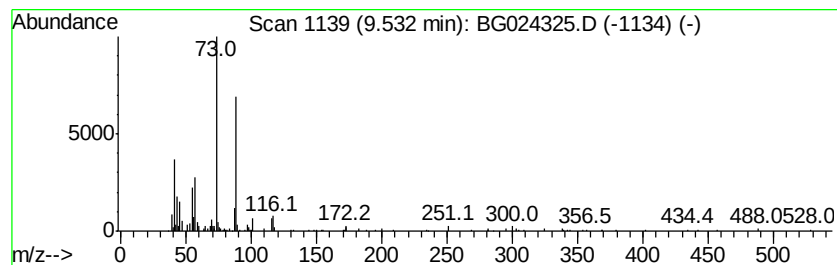
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	2.85 ng/ul	225817	1,4-Dichlorobenzene-d4	8.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl(methyl-4-deoxy-2-O-methyl...	218	C9H14O6	052545-23-0	43
2			Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	40
3			5-(Methylamino)-1,2,3,4-thiatriza...	116	C2H4N4S	052098-72-3	38
4			Butanoic acid, 2,3-dimethyl-, me...	130	C7H14O2	030540-29-5	38
5			Methyl 4,6-di-O-acetyl-2,3,7-tri...	350	C15H26O9	084564-09-0	37



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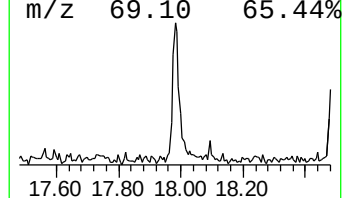
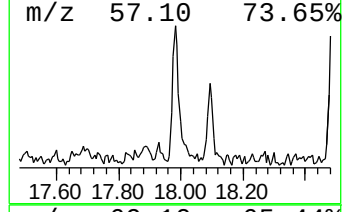
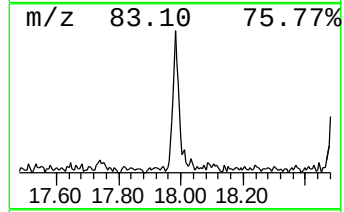
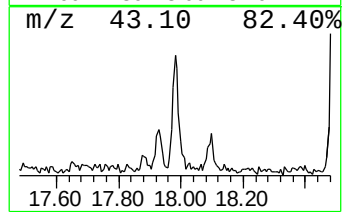
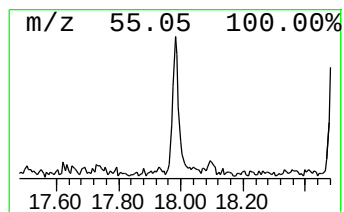
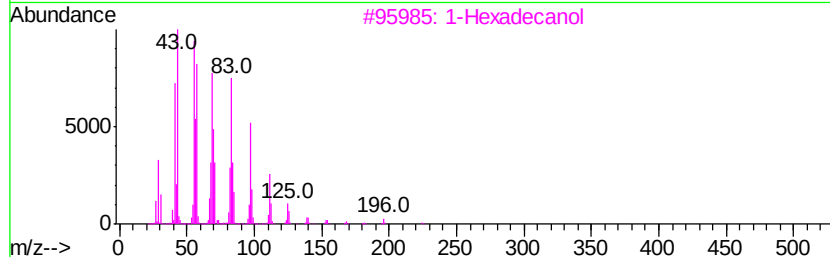
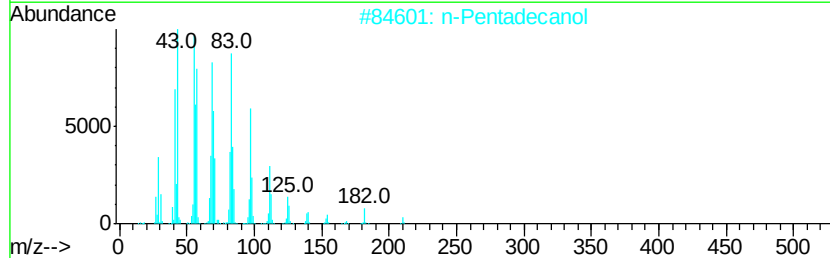
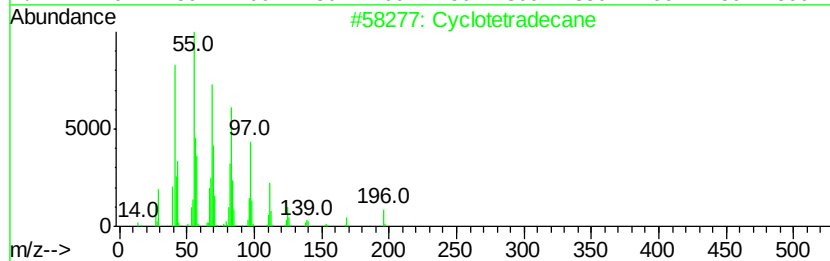
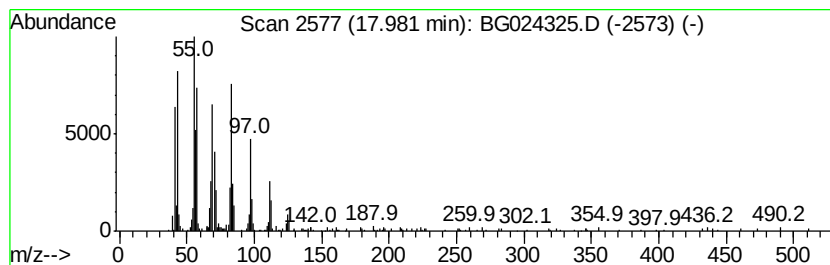
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Peak Number 3 (DEL) Alkane: Cyclic17.98 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	2.35 ng/ul	415258	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	91
2		n-Pentadecanol	228	C15H32O	000629-76-5	90
3		1-Hexadecanol	242	C16H34O	036653-82-4	76
4		Cyclohexadecane	224	C16H32	000295-65-8	74
5		n-Tridecan-1-ol	200	C13H28O	000112-70-9	74



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101316\
Data File : BG024325.D
Acq On : 13 Oct 2016 17:56
Operator : UM/SJ
Sample : H5164-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNM4

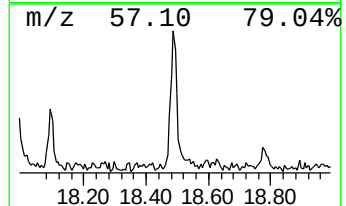
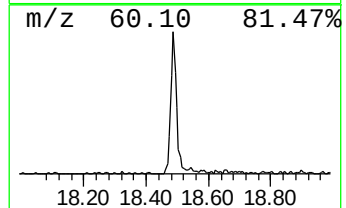
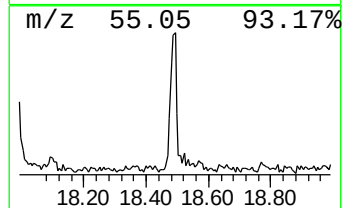
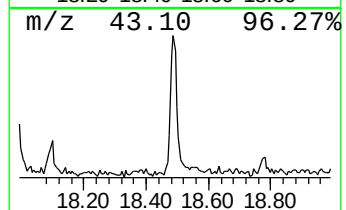
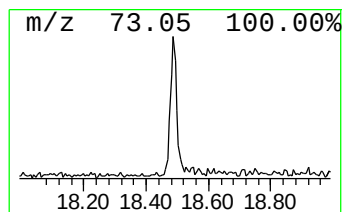
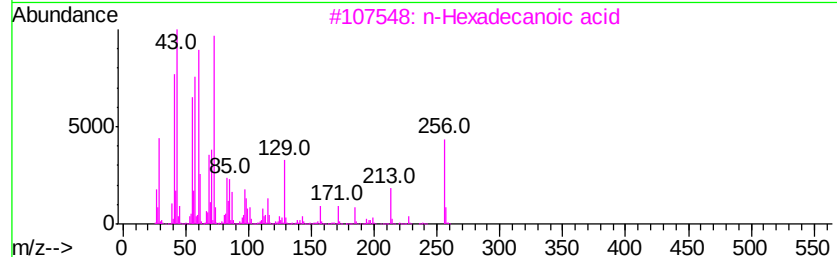
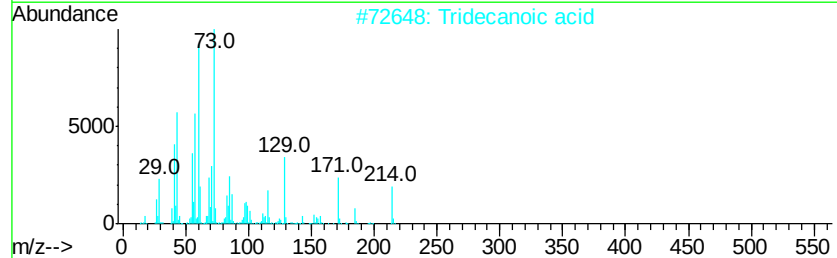
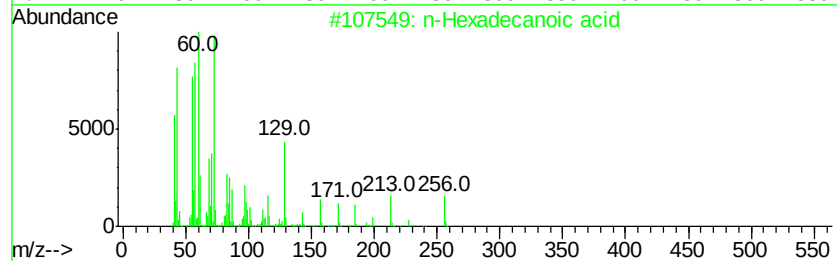
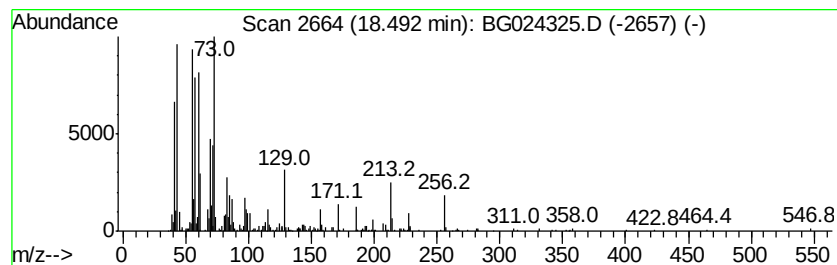
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.49	3.62 ng/ul	640481	Phenanthrene-d10		17.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74	



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101316\
Data File : BG024325.D
Acq On : 13 Oct 2016 17:56
Operator : UM/SJ
Sample : H5164-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNM4

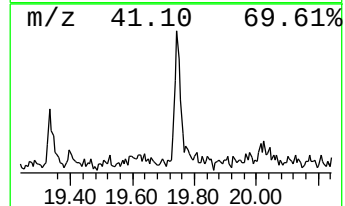
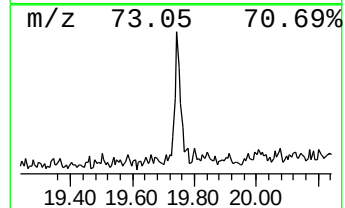
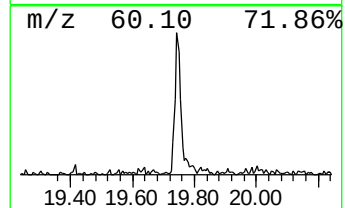
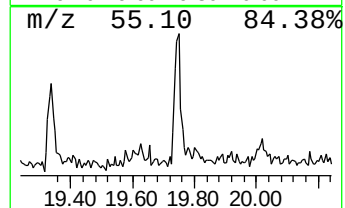
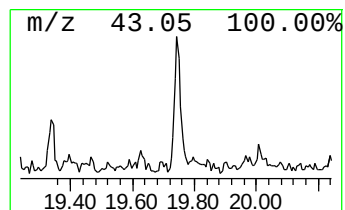
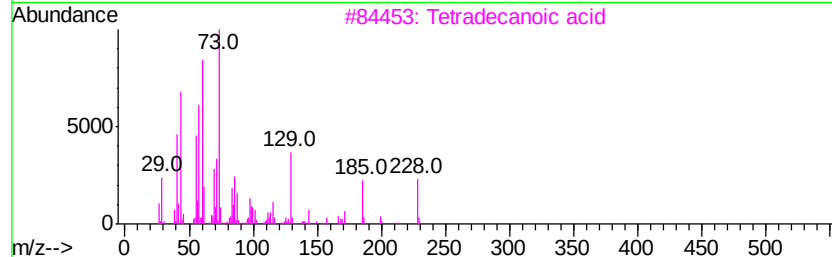
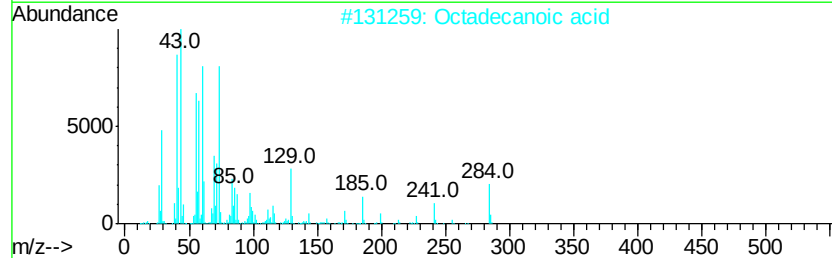
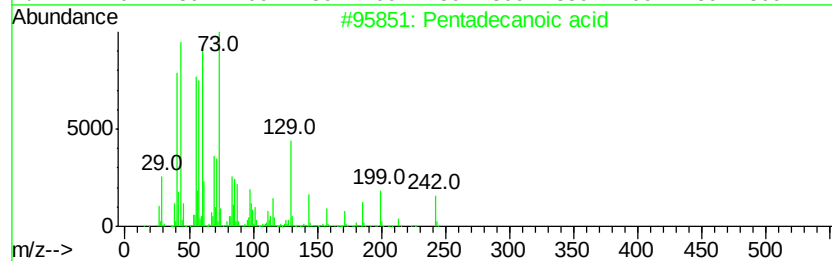
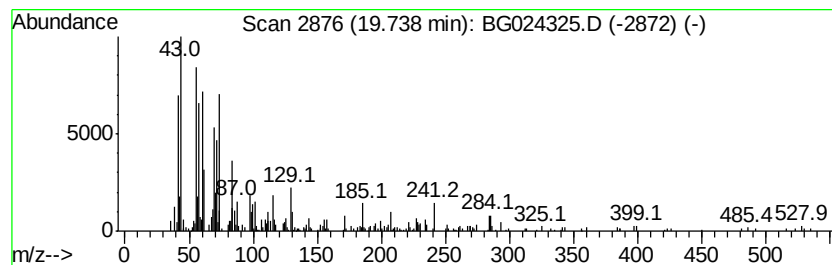
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Pentadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	2.25 ng/ul	398109	Phenanthrene-d10	17.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	93	
2	Octadecanoic acid	284	C18H36O2	000057-11-4	90	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81	
5	Octadecanoic acid	284	C18H36O2	000057-11-4	80	



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101316\
Data File : BG024325.D
Acq On : 13 Oct 2016 17:56
Operator : UM/SJ
Sample : H5164-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

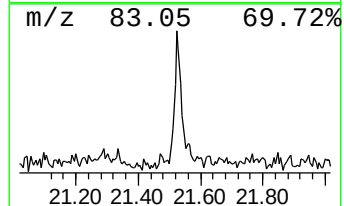
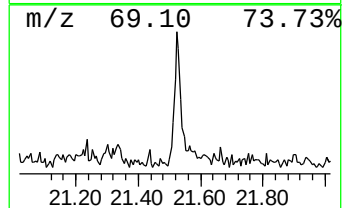
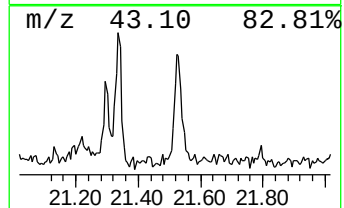
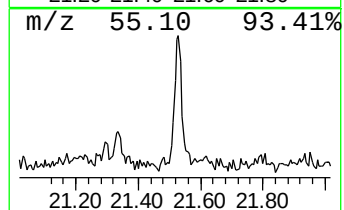
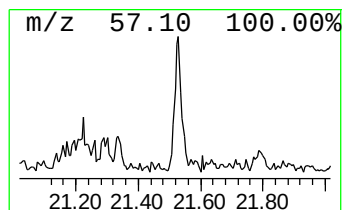
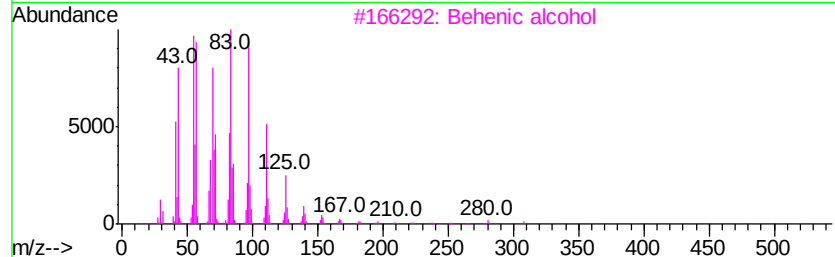
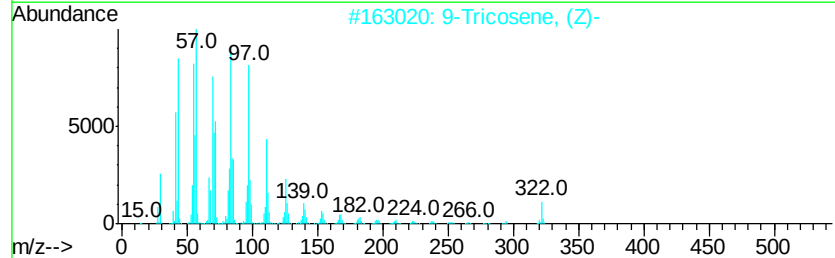
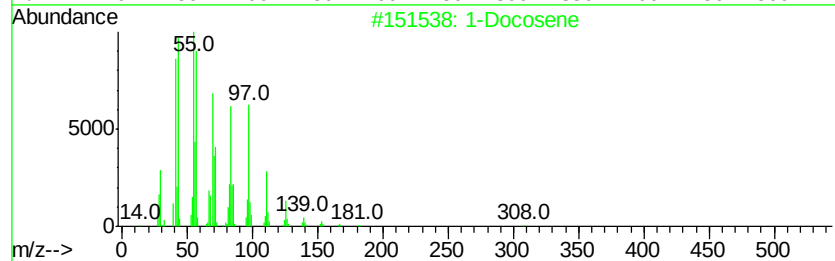
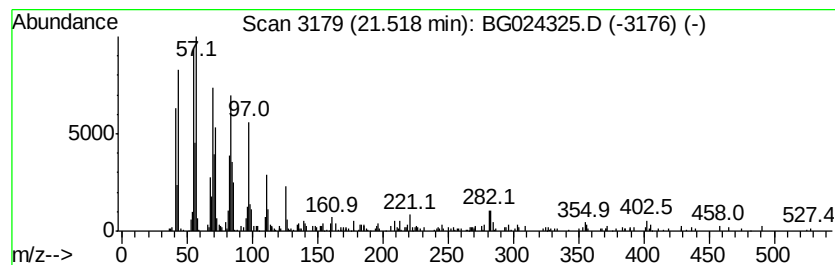
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic21.52 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
21.52	2.14 ng/ul	442011	Chrysene-d12		21.94
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
3	Behenic alcohol	326	C22H46O	000661-19-8	86
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	76
5	1-Hexacosanol	382	C26H54O	000506-52-5	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101316\
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Operator : UM/SJ
Sample : H5164-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNM4

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
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unknown-02	9.53	2.9	ng/ul	225817	1	8.29	1586340	20.0
(DEL) Alkane: Cyc...	17.98	2.4	ng/ul	415258	4	17.64	3538560	20.0
n-Hexadecanoic acid	18.49	3.6	ng/ul	640481	4	17.64	3538560	20.0
Pentadecanoic acid	19.74	2.3	ng/ul	398109	4	17.64	3538560	20.0
(DEL) Alkane: Cyc...	21.52	2.1	ng/ul	442011	5	21.94	4124470	20.0