

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
 Data File : BG025088.D
 Acq On : 11 Dec 2016 3:46
 Operator : UM/SJ
 Sample : H5861-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA8G7

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	3.285	75	76	82	rVB4	8164	9990	0.24%	0.025%
2	3.591	124	128	135	rBV7	13209	28748	0.68%	0.071%
3	3.690	142	145	149	rBV5	7254	10400	0.24%	0.026%
4	4.031	199	203	207	rBV4	5875	9953	0.23%	0.025%
5	4.360	253	259	265	rVB9	11546	23386	0.55%	0.058%
6	4.636	301	306	309	rVV5	6825	10406	0.25%	0.026%
7	4.777	325	330	332	rVB5	7912	9440	0.22%	0.023%
8	4.901	346	351	359	rVB7	16935	30362	0.71%	0.075%
9	5.018	370	371	376	rBV4	6858	10697	0.25%	0.026%
10	5.153	392	394	398	rVB3	7562	8914	0.21%	0.022%
11	5.247	406	410	413	rBV4	7149	10779	0.25%	0.027%
12	5.306	413	420	425	rVV2	26260	48573	1.14%	0.120%
13	5.712	488	489	495	rVB6	7924	11469	0.27%	0.028%
14	6.164	560	566	570	rBV5	4561	9806	0.23%	0.024%
15	6.258	581	582	588	rVV3	6907	10956	0.26%	0.027%
16	6.611	636	642	647	rVB6	6455	11828	0.28%	0.029%
17	6.663	647	651	653	rVB4	8454	10091	0.24%	0.025%
18	6.969	698	703	704	rBV3	6498	10349	0.24%	0.026%
19	7.186	732	740	749	rBV6	38528	96470	2.27%	0.238%
20	7.292	752	758	763	rVB	34502	49672	1.17%	0.122%
21	7.380	767	773	784	rVB2	134646	254034	5.98%	0.626%
22	7.551	794	802	815	rBV	377142	664675	15.65%	1.639%
23	7.762	829	838	847	rBV2	457411	804988	18.95%	1.985%
24	8.238	908	919	930	rVV	330683	607244	14.30%	1.497%
25	8.614	977	983	989	rVB7	8386	18862	0.44%	0.047%
26	8.679	989	994	997	rBV3	5851	13255	0.31%	0.033%
27	8.779	1004	1011	1016	rBV7	7236	14400	0.34%	0.036%
28	8.931	1024	1037	1048	rBV2	364323	711060	16.74%	1.753%
29	9.413	1108	1119	1127	rVV	555241	1019953	24.02%	2.515%
30	9.478	1127	1130	1137	rVV6	21585	46431	1.09%	0.114%
31	9.542	1137	1141	1146	rVV5	17892	34078	0.80%	0.084%
32	9.584	1146	1148	1154	rVB4	7675	11142	0.26%	0.027%
33	9.754	1171	1177	1180	rVB6	10814	21301	0.50%	0.053%
34	10.136	1235	1242	1252	rBV2	503812	931002	21.92%	2.295%

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35	10.330	1267	1275	1286	rBV4	42378	95976	2.26%	0.237%
36	10.676	1324	1334	1347	rBV	720193	1382666	32.56%	3.409%
37	10.817	1353	1358	1365	rVB6	21189	42811	1.01%	0.106%
38	11.064	1393	1400	1417	rVB	452617	901401	21.22%	2.222%
39	11.211	1417	1425	1434	rBV9	22683	64763	1.52%	0.160%
40	11.734	1506	1514	1516	rBV5	9897	17853	0.42%	0.044%
41	11.810	1520	1527	1533	rBV5	41378	78590	1.85%	0.194%
42	12.233	1591	1599	1602	rBV8	14224	25556	0.60%	0.063%
43	12.363	1615	1621	1623	rBV5	6841	10667	0.25%	0.026%
44	12.504	1641	1645	1650	rBV7	5587	11257	0.27%	0.028%
45	12.633	1662	1667	1673	rVB3	17320	24965	0.59%	0.062%
46	13.021	1730	1733	1737	rBV5	6452	10556	0.25%	0.026%
47	13.103	1743	1747	1755	rBV5	35490	66512	1.57%	0.164%
48	13.203	1759	1764	1772	rVB2	42664	76626	1.80%	0.189%
49	13.444	1793	1805	1811	rBV3	70072	125536	2.96%	0.309%
50	13.614	1830	1834	1837	rBV4	8738	10287	0.24%	0.025%
51	13.714	1845	1851	1855	rVB8	13029	24717	0.58%	0.061%
52	13.785	1856	1863	1870	rBV5	35789	67766	1.60%	0.167%
53	14.249	1930	1942	1953	rBV	1343546	2007433	47.27%	4.949%
54	14.349	1957	1959	1965	rVB7	8326	11323	0.27%	0.028%
55	14.466	1973	1979	1986	rBV7	25229	51255	1.21%	0.126%
56	14.554	1986	1994	2004	rVB	1337606	2194054	51.66%	5.409%
57	14.648	2009	2010	2015	rVB5	7710	9295	0.22%	0.023%
58	14.789	2031	2034	2037	rBV4	8706	13968	0.33%	0.034%
59	14.854	2037	2045	2054	rVV	788919	1290990	30.40%	3.183%
60	14.930	2054	2058	2064	rVB7	10510	16773	0.39%	0.041%
61	15.048	2071	2078	2097	rBV3	142677	320592	7.55%	0.790%
62	15.230	2102	2109	2123	rBV2	430954	661800	15.58%	1.632%
63	15.336	2123	2127	2136	rVB4	51006	91658	2.16%	0.226%
64	15.606	2164	2173	2178	rBV3	71819	107342	2.53%	0.265%
65	15.712	2186	2191	2195	rBV7	12975	17618	0.41%	0.043%
66	15.770	2195	2201	2205	rBV6	28337	62889	1.48%	0.155%
67	15.841	2206	2213	2221	rVB	1854417	2925829	68.89%	7.213%
68	15.958	2226	2233	2249	rVB	823128	1355772	31.92%	3.343%
69	16.082	2249	2254	2265	rVB8	25595	79156	1.86%	0.195%
70	16.311	2285	2293	2297	rBV5	29698	49359	1.16%	0.122%
71	16.411	2305	2310	2313	rBV6	13128	18764	0.44%	0.046%

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72	16.522	2327	2329	2333	rBV4	10356	13326	0.31%	0.033%
73	16.640	2342	2349	2354	rBV	36606	64917	1.53%	0.160%
74	16.681	2355	2356	2363	rVB7	14974	26277	0.62%	0.065%
75	16.793	2370	2375	2378	rBV4	21478	37381	0.88%	0.092%
76	16.828	2378	2381	2385	rVB2	20459	27670	0.65%	0.068%
77	16.946	2395	2401	2417	rBV3	138297	246478	5.80%	0.608%
78	17.139	2430	2434	2440	rVB5	24652	31639	0.74%	0.078%
79	17.251	2450	2453	2458	rVB6	24023	29395	0.69%	0.072%
80	17.457	2484	2488	2492	rVB2	43543	57827	1.36%	0.143%
81	17.598	2505	2512	2522	rBV	1125053	1765002	41.56%	4.351%
82	17.698	2522	2529	2541	rVB	2289522	3426831	80.69%	8.449%
83	17.839	2550	2553	2559	rVB3	27548	40673	0.96%	0.100%
84	18.003	2578	2581	2588	rVB3	23871	38950	0.92%	0.096%
85	18.215	2614	2617	2627	rVB9	16669	36708	0.86%	0.091%
86	18.438	2649	2655	2658	rBV4	76798	129202	3.04%	0.319%
87	18.467	2658	2660	2665	rVB4	58260	68630	1.62%	0.169%
88	18.520	2665	2669	2673	rBV3	36416	57246	1.35%	0.141%
89	19.002	2742	2751	2759	rBV10	76530	240168	5.66%	0.592%
90	19.695	2865	2869	2874	rBV6	63677	97454	2.29%	0.240%
91	19.860	2894	2897	2904	rVB2	33927	49816	1.17%	0.123%
92	19.971	2908	2916	2927	rBV	2779599	4246966	100.00%	10.471%
93	20.853	3061	3066	3070	rVB6	128079	169454	3.99%	0.418%
94	21.887	3236	3242	3252	rVB	1294847	2222356	52.33%	5.479%
95	23.379	3491	3496	3503	rVB8	54095	128867	3.03%	0.318%
96	23.503	3509	3517	3526	rVB2	486438	997362	23.48%	2.459%
97	24.213	3635	3638	3646	rVB9	57523	115125	2.71%	0.284%
98	25.065	3771	3783	3795	rVB2	1345930	4061301	95.63%	10.013%
99	25.212	3803	3808	3813	rBV5	52242	120144	2.83%	0.296%
100	25.300	3813	3823	3834	rVB	705643	2114700	49.79%	5.214%

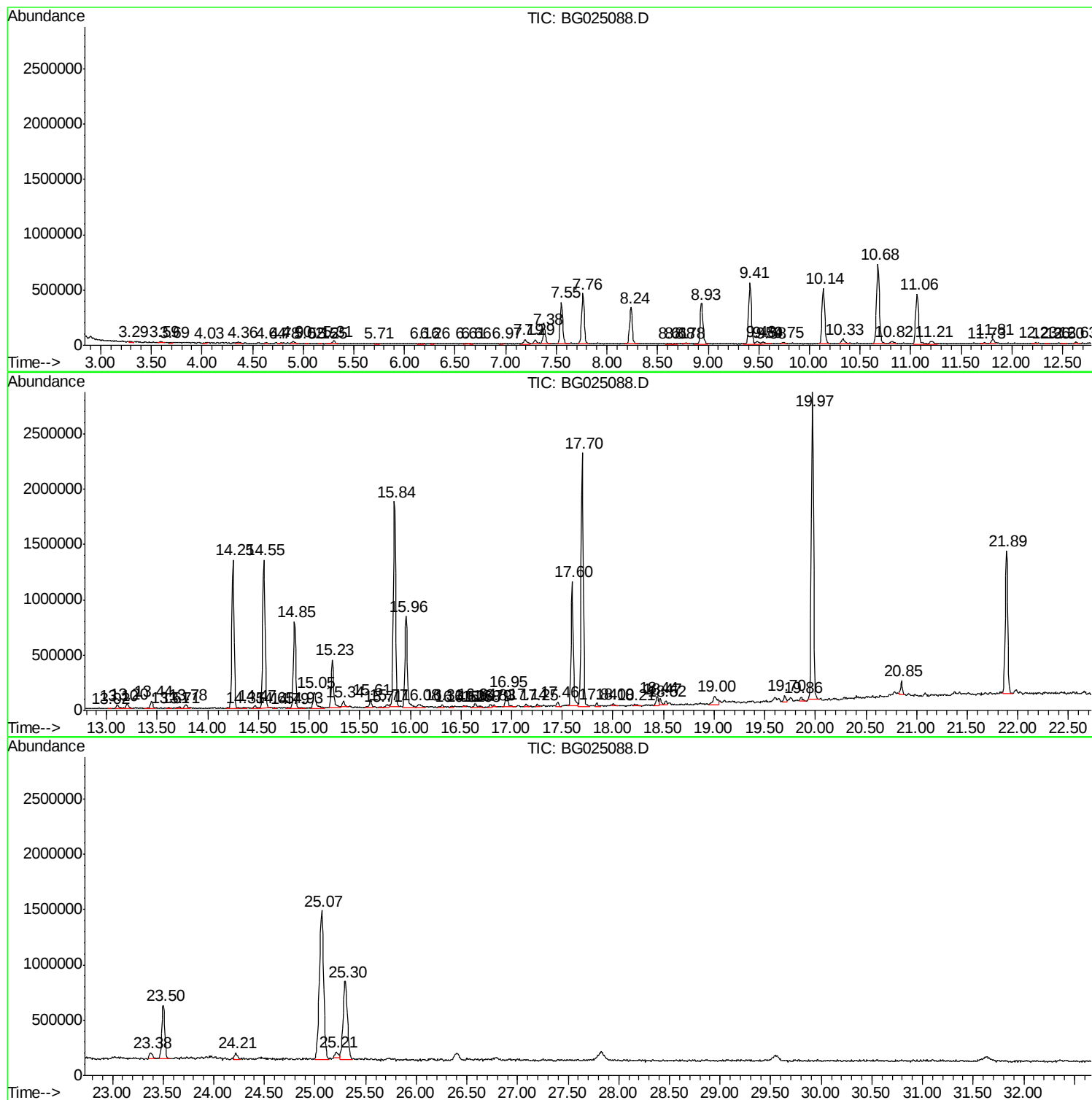
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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



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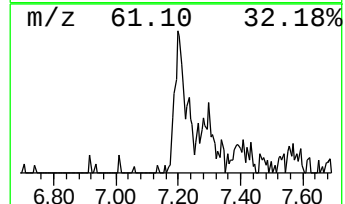
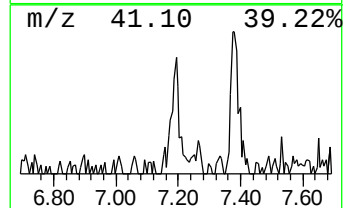
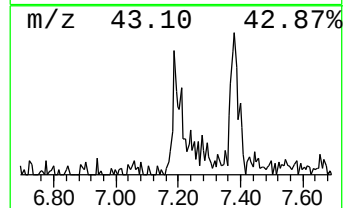
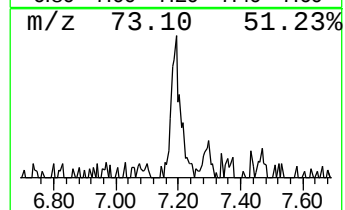
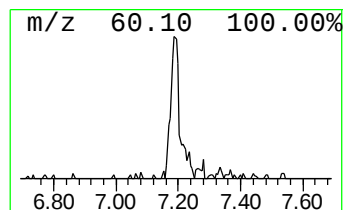
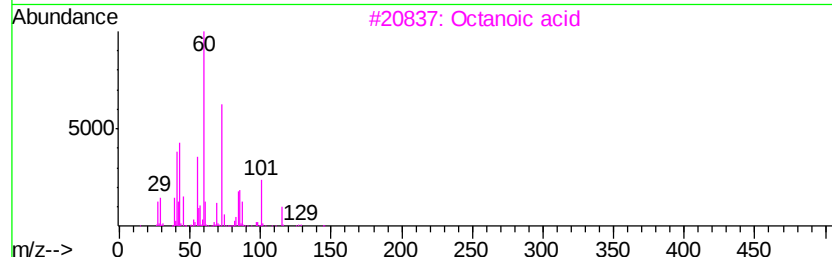
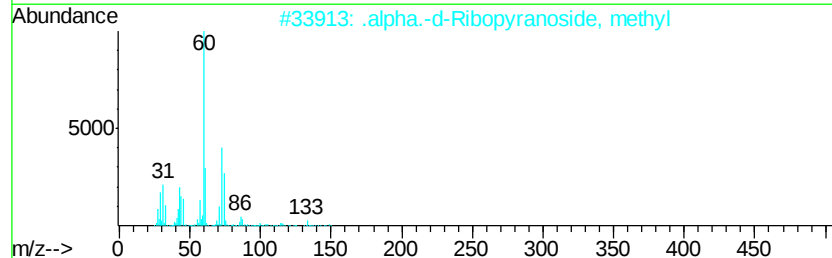
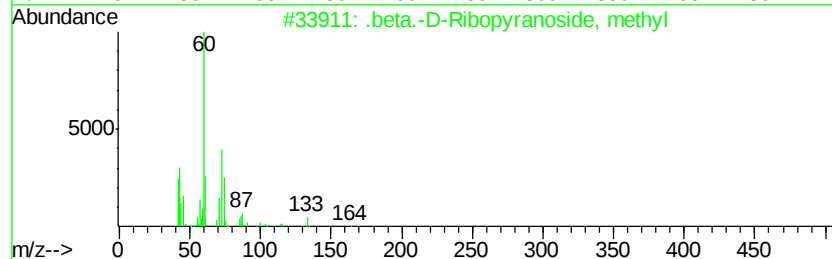
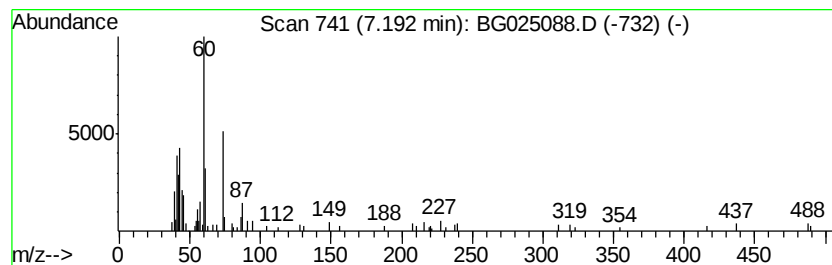
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	3.18 ng/ul	96470	1,4-Dichlorobenzene-d4	8.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	beta.-D-Ribopyranoside, methyl	164	C6H12O5	017289-61-1	42	
2	.	alpha.-d-Ribopyranoside, methyl	164	C6H12O5	006207-03-0	42	
3	O	ctanoic acid	144	C8H16O2	000124-07-2	38	
4	H	exanoic acid	116	C6H12O2	000142-62-1	38	
5	F	ormic acid hydrazide	60	CH4N2O	000624-84-0	38	



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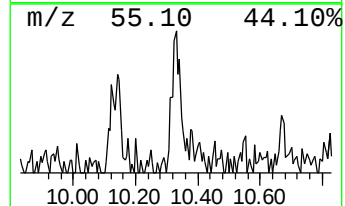
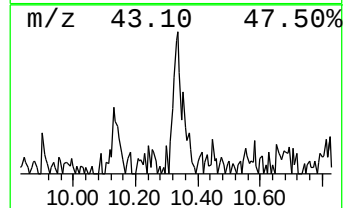
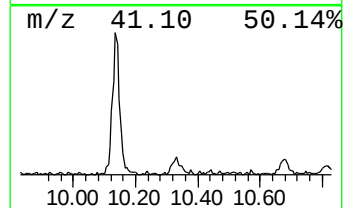
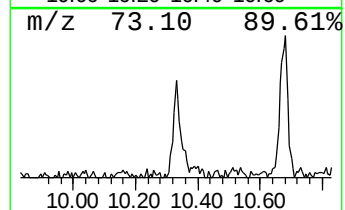
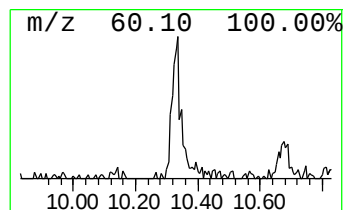
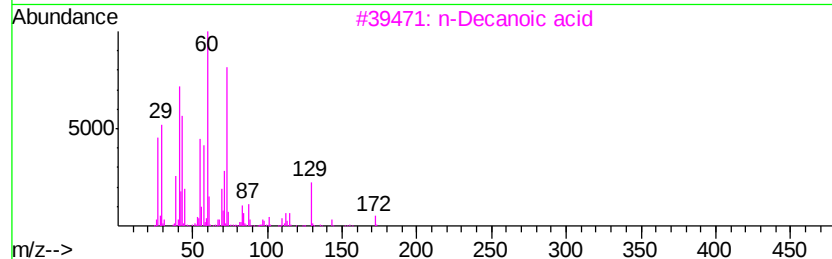
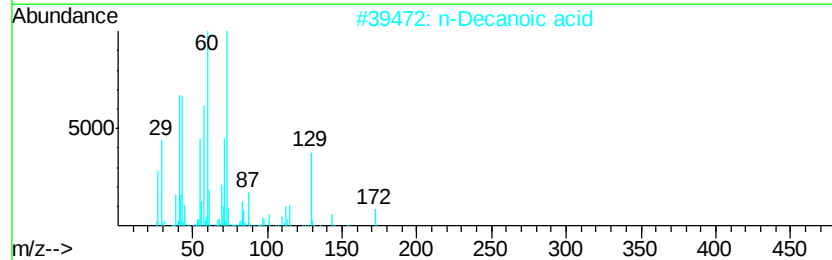
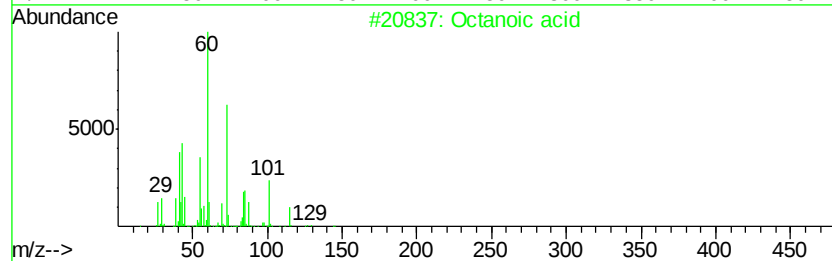
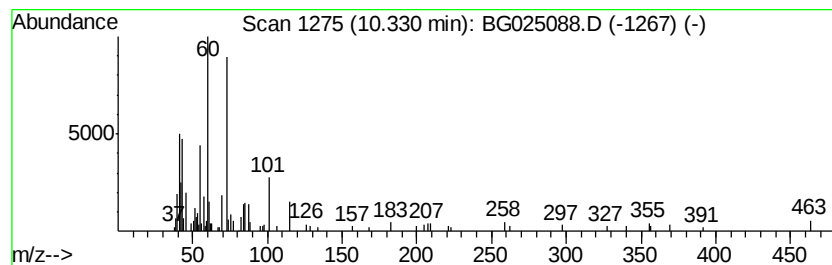
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	2.13 ng/ul	95976	Naphthalene-d8	11.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octanoic acid	144	C8H16O2	000124-07-2	64
2		n-Decanoic acid	172	C10H20O2	000334-48-5	53
3		n-Decanoic acid	172	C10H20O2	000334-48-5	53
4		n-Decanoic acid	172	C10H20O2	000334-48-5	53
5		4a-Methyl-6,8-dioxa-3-thia-bicyc...	146	C6H10O2S	1000144-00-7	53



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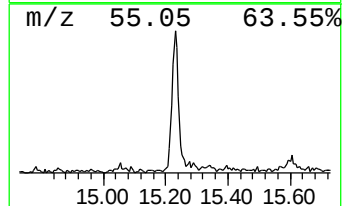
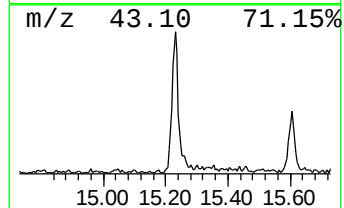
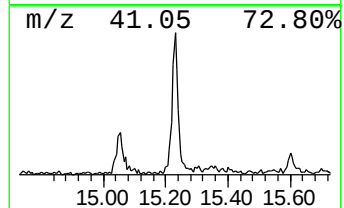
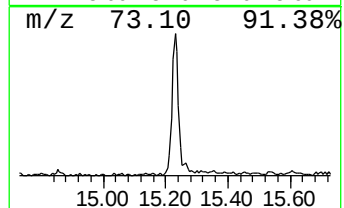
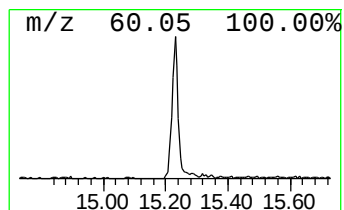
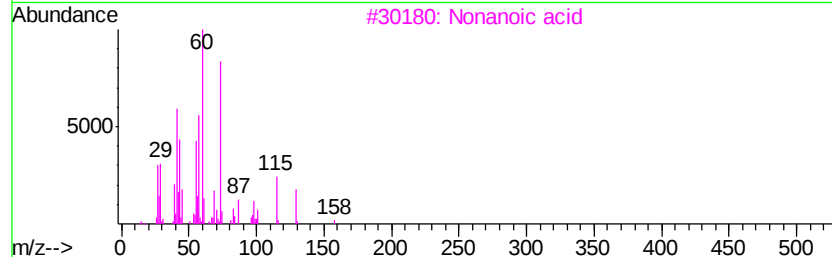
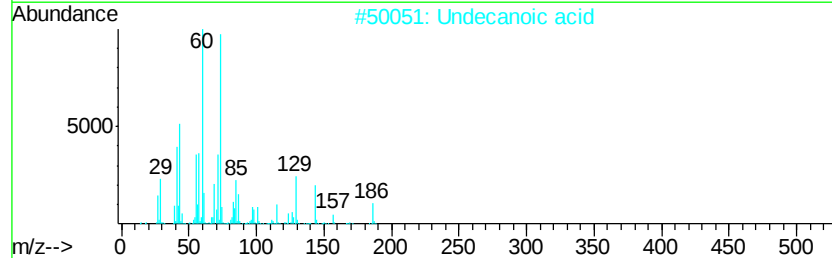
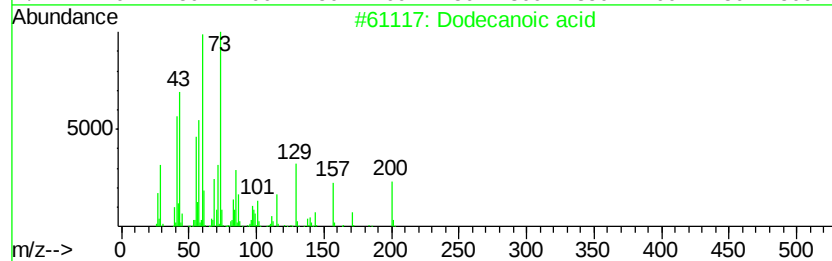
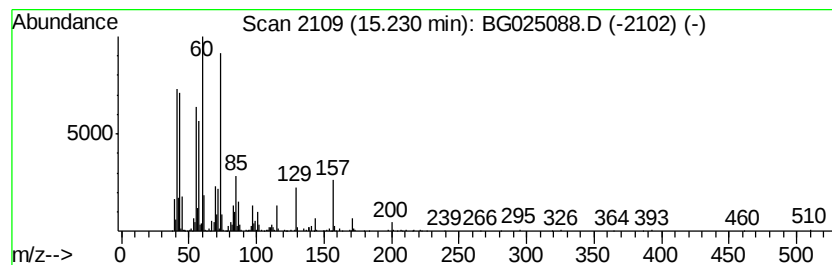
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Peak Number 3 Dodecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	10.25 ng/ul	661800	Acenaphthene-d10	14.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecanoic acid	200 C12H24O2	000143-07-7	96
2	Undecanoic acid	186 C11H22O2	000112-37-8	78
3	Nonanoic acid	158 C9H18O2	000112-05-0	76
4	Dodecanoic acid	200 C12H24O2	000143-07-7	72
5	Tridecanoic acid	214 C13H26O2	000638-53-9	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025088.D
Acq On : 11 Dec 2016 3:46
Operator : UM/SJ
Sample : H5861-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA8G7

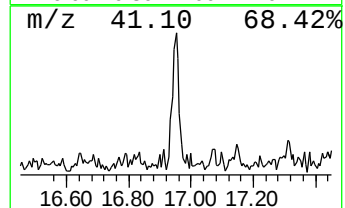
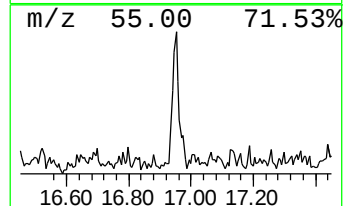
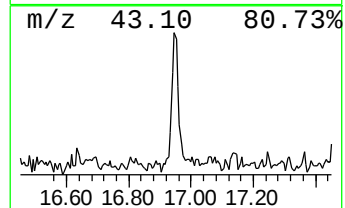
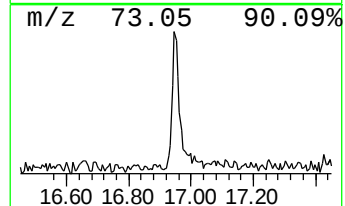
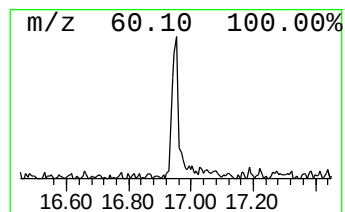
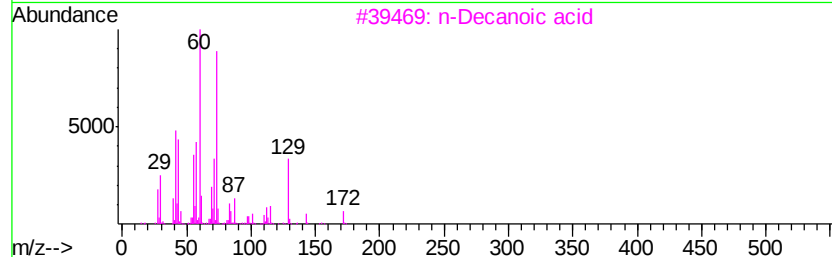
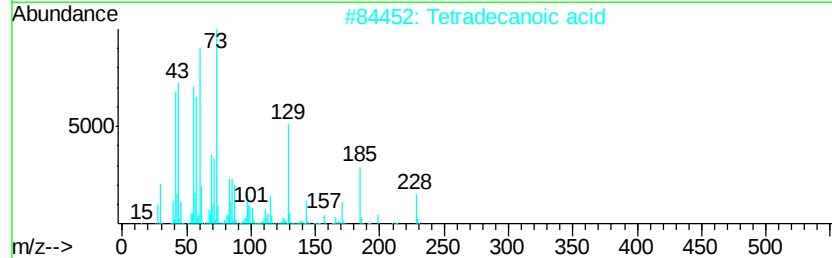
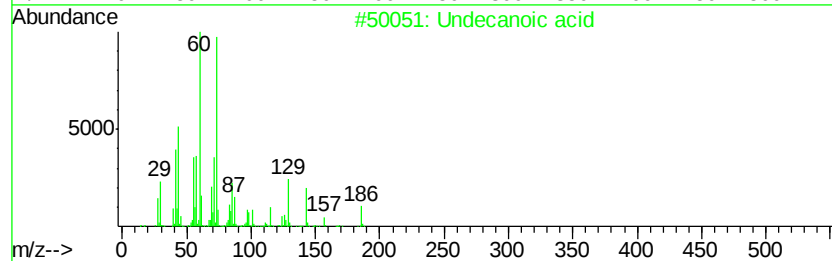
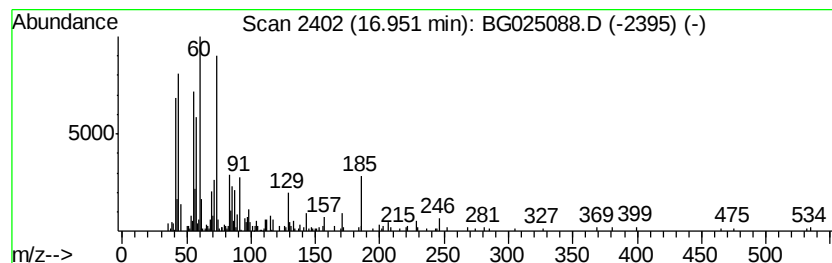
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Undecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	2.79 ng/ul	246478	Phenanthrene-d10	17.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecanoic acid	186	C11H22O2	000112-37-8	72
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3		n-Decanoic acid	172	C10H20O2	000334-48-5	58
4		Tridecanoic acid	214	C13H26O2	000638-53-9	58
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	55



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025088.D
Acq On : 11 Dec 2016 3:46
Operator : UM/SJ
Sample : H5861-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DA8G7

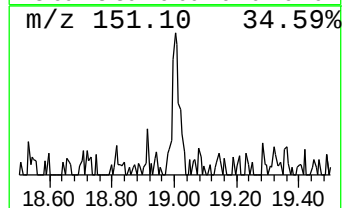
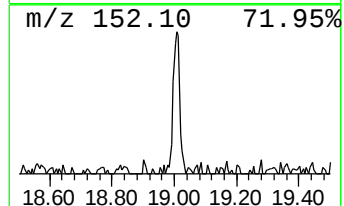
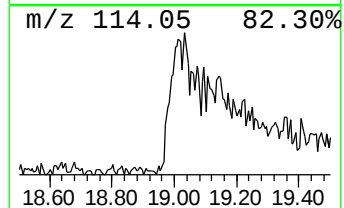
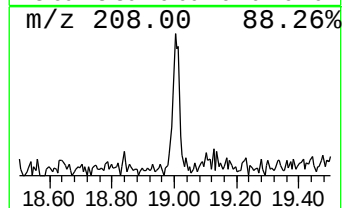
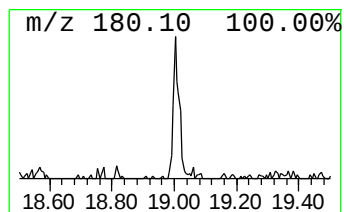
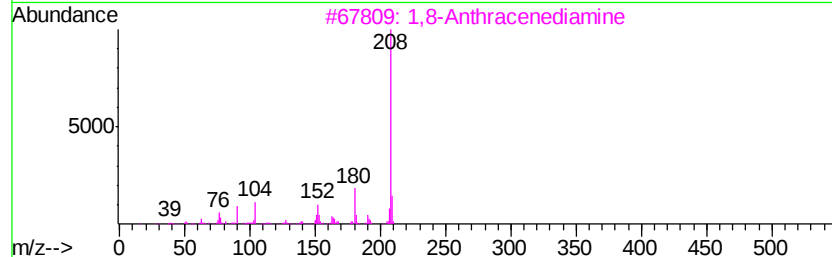
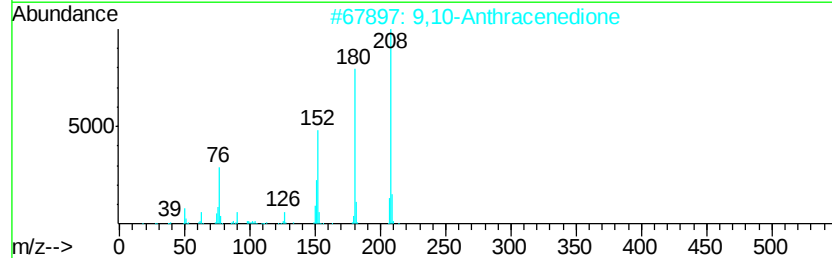
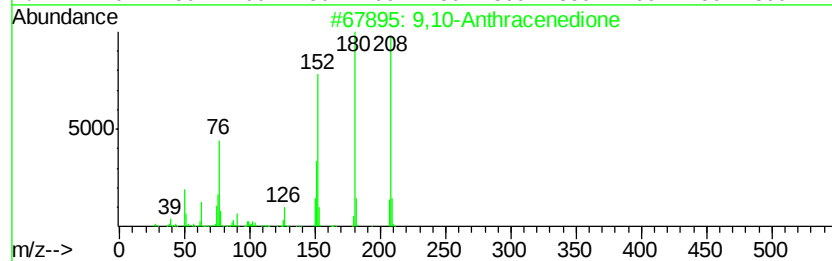
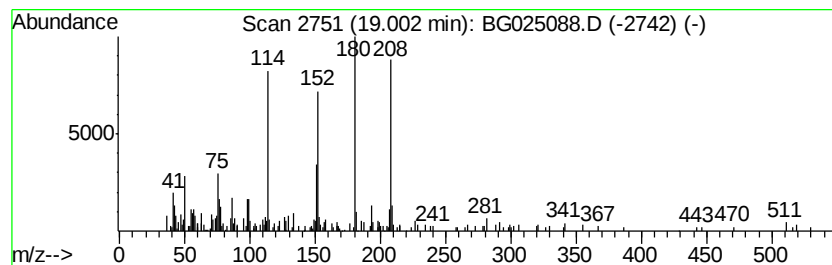
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	2.72 ng/ul	240168	Phenanthrene-d10	17.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione		208	C14H8O2	000084-65-1	86
2	9,10-Anthracenedione		208	C14H8O2	000084-65-1	70
3	1,8-Anthracenediamine		208	C14H12N2	139312-39-3	58
4	9,10-Anthracenedione		208	C14H8O2	000084-65-1	46
5	Phenol, 2-bromo-4-chloro-		206	C6H4BrClO	000695-96-5	44



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
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Acq On : 11 Dec 2016 3:46
Operator : UM/SJ
Sample : H5861-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA8G7

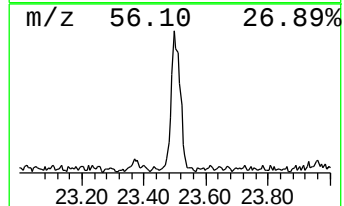
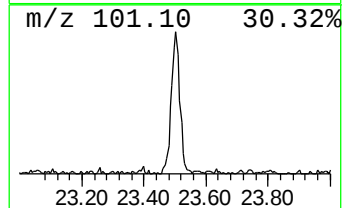
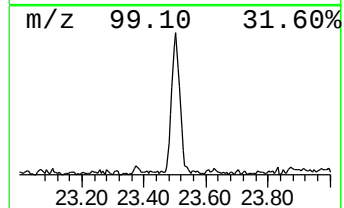
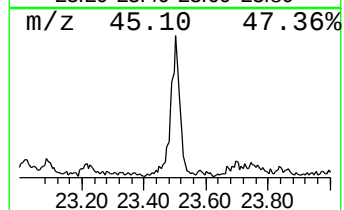
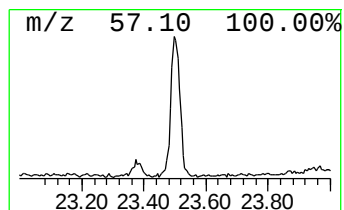
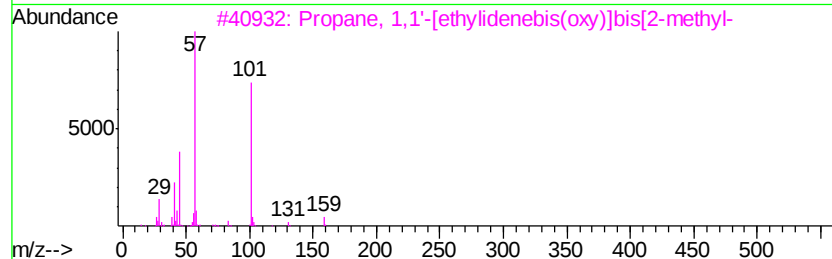
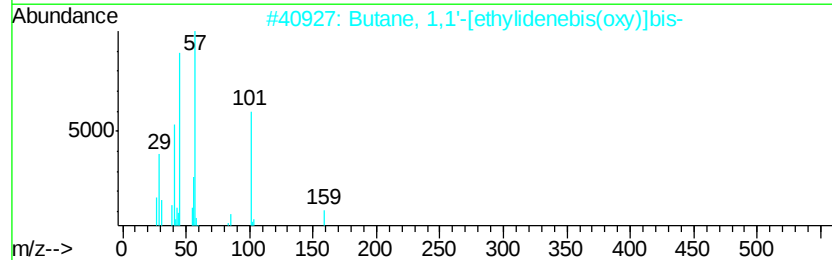
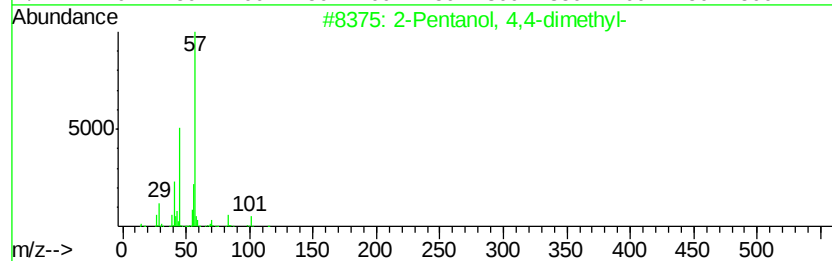
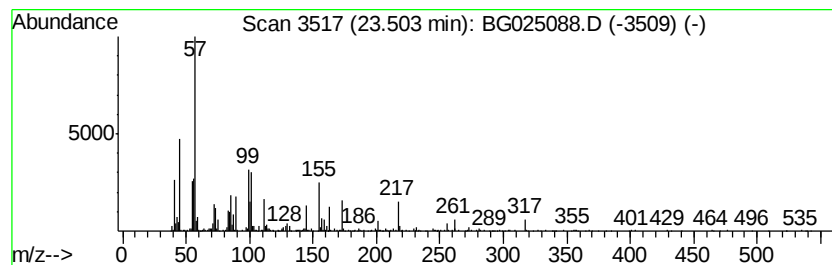
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.50	8.98 ng/ul	997362	Chrysene-d12	21.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanol, 4,4-dimethyl-	116	C7H16O	006144-93-0	38
2		Butane, 1,1'-[ethylidenebis(oxy)...]	174	C10H22O2	000871-22-7	38
3		Propane, 1,1'-[ethylidenebis(oxy)...]	174	C10H22O2	005669-09-0	32
4		Butane, 1,1'-[ethylidenebis(oxy)...]	174	C10H22O2	000871-22-7	23
5		1-Decanamine	157	C10H23N	002016-57-1	22



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025088.D
Acq On : 11 Dec 2016 3:46
Operator : UM/SJ
Sample : H5861-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA8G7

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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Octanoic acid	10.33	2.1	ng/ul	95976	2	11.06	901401	20.0
Dodecanoic acid	15.23	10.3	ng/ul	661800	3	14.85	1290990	20.0
Undecanoic acid	16.95	2.8	ng/ul	246478	4	17.60	1765000	20.0
9,10-Anthracenedione	19.00	2.7	ng/ul	240168	4	17.60	1765000	20.0
unknown-02	23.50	9.0	ng/ul	997362	5	21.89	2222360	20.0