

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050917\
 Data File : BG026928.D
 Acq On : 10 May 2017 1:34
 Operator : SJ/MA
 Sample : I2966-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESXM3

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\SOM-EPA-BG042717.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	4.900	303	308	321	rBV3	35633	104967	3.52%	0.286%
2	5.105	338	343	352	rVB2	140218	234792	7.88%	0.640%
3	7.185	691	697	714	rVV2	114755	289466	9.72%	0.789%
4	7.326	714	721	735	rVV	316117	531573	17.85%	1.448%
5	7.420	735	737	744	rVB5	4743	6859	0.23%	0.019%
6	7.544	751	758	769	rBV	352730	645375	21.67%	1.758%
7	8.002	828	836	847	rVB	613374	1040110	34.92%	2.834%
8	8.601	936	938	942	rVB4	3924	5728	0.19%	0.016%
9	8.654	942	947	948	rBV3	5306	7441	0.25%	0.020%
10	8.719	952	958	976	rBV	300865	643513	21.60%	1.753%
11	9.159	1020	1033	1055	rVB	366654	700061	23.50%	1.907%
12	9.318	1055	1060	1067	rVV9	7458	18089	0.61%	0.049%
13	9.471	1081	1086	1094	rVB10	4019	10117	0.34%	0.028%
14	9.576	1096	1104	1111	rVB4	13893	31219	1.05%	0.085%
15	9.882	1146	1156	1170	rBV	297728	568685	19.09%	1.549%
16	10.023	1177	1180	1188	rVB7	5618	12027	0.40%	0.033%
17	10.111	1191	1195	1199	rBV6	3799	7630	0.26%	0.021%
18	10.305	1224	1228	1233	rBV6	4926	8308	0.28%	0.023%
19	10.434	1243	1250	1274	rVV	456322	978097	32.84%	2.665%
20	10.799	1305	1312	1322	rVV	997843	1816854	60.99%	4.950%
21	10.951	1333	1338	1348	rVV4	14540	30019	1.01%	0.082%
22	11.175	1369	1376	1380	rBV9	3064	8356	0.28%	0.023%
23	11.263	1384	1391	1398	rVB9	6675	13398	0.45%	0.036%
24	11.392	1406	1413	1421	rBV2	13728	42104	1.41%	0.115%
25	11.615	1444	1451	1456	rBV5	14315	29781	1.00%	0.081%
26	11.803	1476	1483	1487	rBV6	3516	8030	0.27%	0.022%
27	11.909	1497	1501	1505	rBV6	3189	5168	0.17%	0.014%
28	12.003	1513	1517	1521	rVB5	3877	6923	0.23%	0.019%
29	12.203	1548	1551	1556	rBV5	4624	8446	0.28%	0.023%
30	12.279	1558	1564	1566	rBV4	9662	14969	0.50%	0.041%
31	12.314	1566	1570	1576	rVV3	19574	36066	1.21%	0.098%
32	12.385	1576	1582	1588	rVV4	11627	22847	0.77%	0.062%
33	12.479	1593	1598	1601	rVB4	3187	6257	0.21%	0.017%
34	12.608	1617	1620	1626	rBV5	3405	6193	0.21%	0.017%

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35	12.837	1651	1659	1661	rBV7	4800	8612	0.29%	0.023%
36	12.867	1662	1664	1670	rVB7	3622	6633	0.22%	0.018%
37	12.990	1683	1685	1689	rBV4	3375	5365	0.18%	0.015%
38	13.213	1720	1723	1726	rBV3	3947	5283	0.18%	0.014%
39	13.437	1752	1761	1765	rBV5	11324	23221	0.78%	0.063%
40	13.513	1769	1774	1781	rBV4	11174	20257	0.68%	0.055%
41	13.601	1784	1789	1794	rBV9	5070	10534	0.35%	0.029%
42	13.654	1794	1798	1806	rVV9	3883	11446	0.38%	0.031%
43	13.960	1843	1850	1853	rVV6	5304	9863	0.33%	0.027%
44	14.018	1853	1860	1864	rVV	958192	1417340	47.58%	3.861%
45	14.065	1864	1868	1876	rVV	144655	225810	7.58%	0.615%
46	14.130	1876	1879	1886	rVB7	7992	16376	0.55%	0.045%
47	14.206	1888	1892	1897	rBV7	5504	8863	0.30%	0.024%
48	14.306	1897	1909	1923	rVV	1185137	1919738	64.45%	5.230%
49	14.406	1923	1926	1932	rVB8	4164	10439	0.35%	0.028%
50	14.500	1938	1942	1947	rVB	38375	52330	1.76%	0.143%
51	14.618	1952	1962	1972	rBV2	1559341	2509794	84.26%	6.837%
52	14.747	1980	1984	1990	rVB9	7991	13533	0.45%	0.037%
53	14.806	1990	1994	1997	rBV6	7372	11589	0.39%	0.032%
54	14.858	1997	2003	2014	rBV3	51708	144321	4.84%	0.393%
55	14.947	2015	2018	2024	rVB7	7509	12886	0.43%	0.035%
56	15.023	2024	2031	2039	rBV7	19450	51375	1.72%	0.140%
57	15.094	2039	2043	2051	rVB6	20041	41164	1.38%	0.112%
58	15.188	2051	2059	2065	rBV5	30799	78523	2.64%	0.214%
59	15.387	2091	2093	2099	rBV7	6356	13414	0.45%	0.037%
60	15.446	2099	2103	2108	rVB	65615	87767	2.95%	0.239%
61	15.505	2109	2113	2117	rVB7	6332	10820	0.36%	0.029%
62	15.546	2117	2120	2122	rBV4	5653	6949	0.23%	0.019%
63	15.605	2122	2130	2142	rVB	1460573	2255340	75.71%	6.144%
64	15.728	2143	2151	2164	rBV	273913	435318	14.61%	1.186%
65	15.846	2166	2171	2177	rVB7	32689	57174	1.92%	0.156%
66	15.951	2186	2189	2191	rBV3	10244	12890	0.43%	0.035%
67	15.987	2191	2195	2204	rVB7	34311	71795	2.41%	0.196%
68	16.069	2204	2209	2213	rBV8	10598	14863	0.50%	0.040%
69	16.110	2213	2216	2220	rBV5	8144	12551	0.42%	0.034%
70	16.192	2226	2230	2233	rVV5	4805	6783	0.23%	0.018%
71	16.239	2233	2238	2245	rVB6	40072	71595	2.40%	0.195%

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72	16.304	2245	2249	2258	rBV	93081	147252	4.94%	0.401%
73	16.562	2289	2293	2298	rBV8	6329	10828	0.36%	0.029%
74	16.651	2304	2308	2312	rBV6	11497	16585	0.56%	0.045%
75	16.750	2322	2325	2331	rVB8	15296	24675	0.83%	0.067%
76	16.803	2331	2334	2340	rBV7	9084	15956	0.54%	0.043%
77	16.874	2344	2346	2351	rBV6	9454	11008	0.37%	0.030%
78	17.097	2379	2384	2387	rBV2	34396	41690	1.40%	0.114%
79	17.138	2387	2391	2400	rVB10	25876	59311	1.99%	0.162%
80	17.350	2420	2427	2436	rBV2	1677391	2507193	84.17%	6.830%
81	17.450	2436	2444	2453	rVB	1518382	2235512	75.05%	6.090%
82	18.231	2573	2577	2595	rBV	441054	827640	27.78%	2.255%
83	19.371	2765	2771	2781	rBV10	44723	161924	5.44%	0.441%
84	19.500	2787	2793	2808	rBV	579361	957736	32.15%	2.609%
85	19.729	2826	2832	2841	rBV2	1621883	2362802	79.32%	6.437%
86	20.605	2976	2981	2992	rVB2	31555	70764	2.38%	0.193%
87	20.728	2998	3002	3008	rBV3	49073	78250	2.63%	0.213%
88	20.775	3008	3010	3014	rVB5	23691	23835	0.80%	0.065%
89	21.474	3125	3129	3142	rVB	120131	191164	6.42%	0.521%
90	21.598	3142	3150	3157	rBV	1631975	2647049	88.86%	7.211%
91	22.356	3276	3279	3284	rBV4	39125	73374	2.46%	0.200%
92	22.732	3337	3343	3354	rVB3	102339	198871	6.68%	0.542%
93	23.037	3391	3395	3401	rVB7	40432	67114	2.25%	0.183%
94	23.231	3422	3428	3432	rBV5	37374	76122	2.56%	0.207%
95	23.819	3522	3528	3540	rVB3	96722	221596	7.44%	0.604%
96	24.541	3641	3651	3675	rVB2	810504	2470792	82.95%	6.731%
97	24.759	3676	3688	3711	rVB2	963616	2978775	100.00%	8.115%
98	25.834	3861	3871	3882	rBV4	102938	355565	11.94%	0.969%
99	27.150	4088	4095	4103	rVB3	44749	133551	4.48%	0.364%
100	28.725	4356	4363	4378	rVB5	43651	168621	5.66%	0.459%

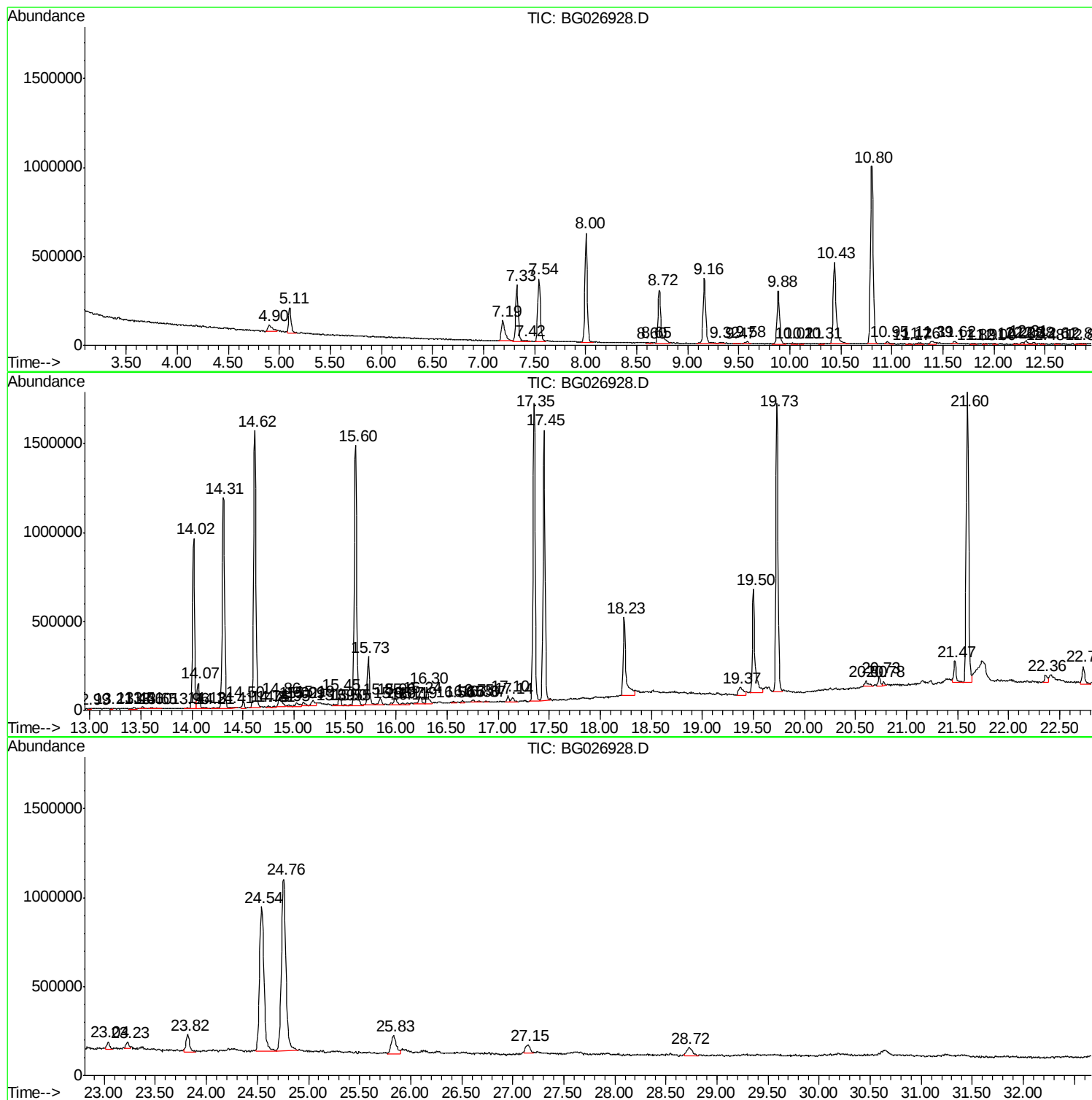
Sum of corrected areas: 36707577

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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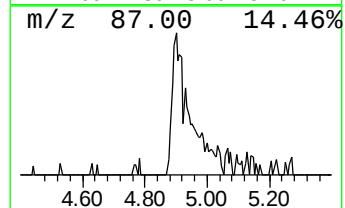
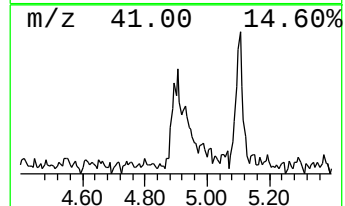
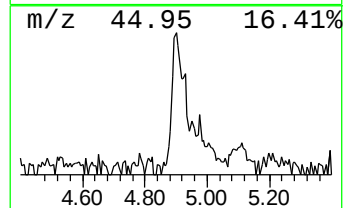
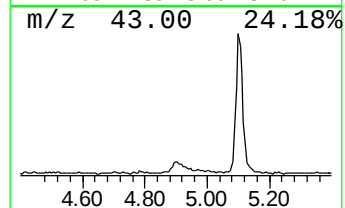
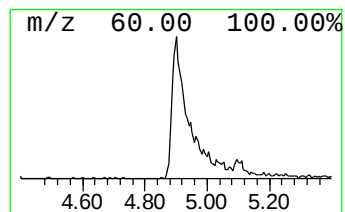
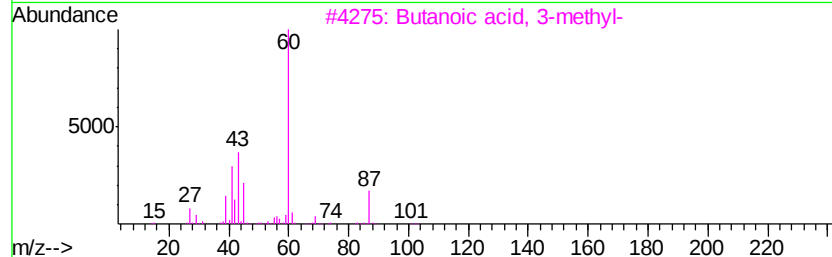
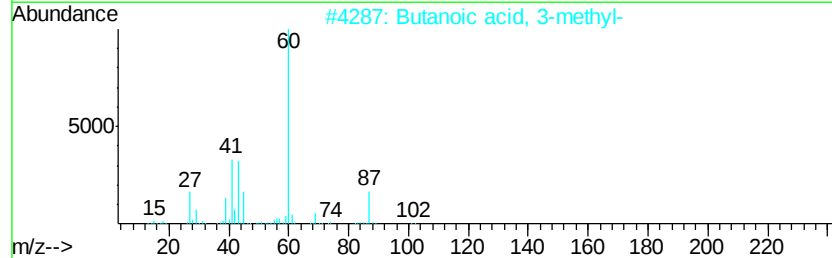
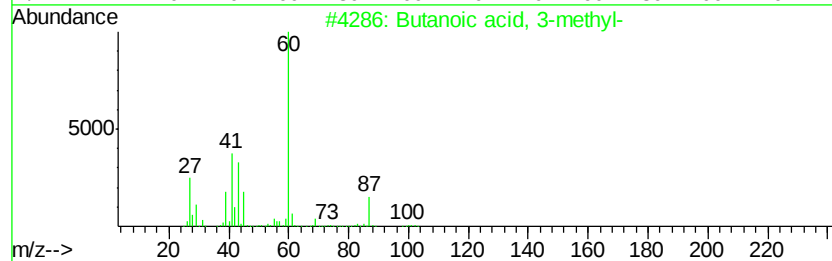
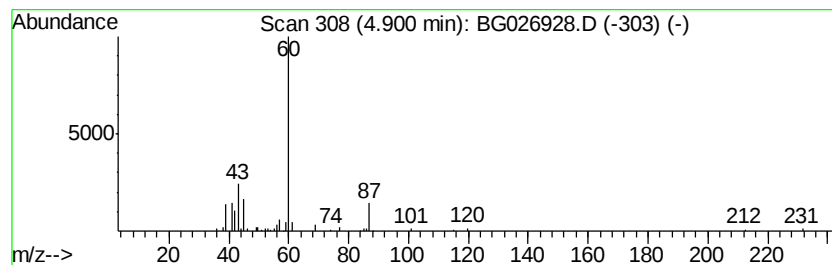
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butanoic acid, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	2.02 ng/ul	104967	1,4-Dichlorobenzene-d4	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	78
2		Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	72
3		Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	47
4		Pentanoic acid	102	C5H10O2	000109-52-4	40
5		Hexanoic acid	116	C6H12O2	000142-62-1	40



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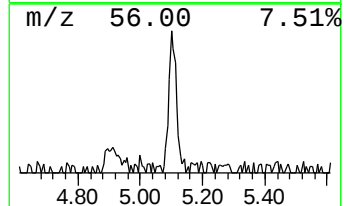
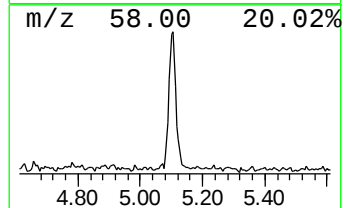
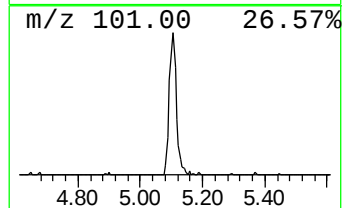
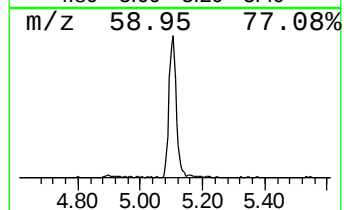
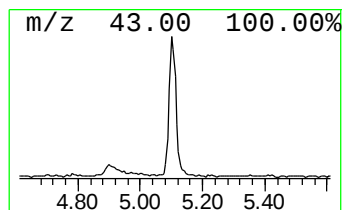
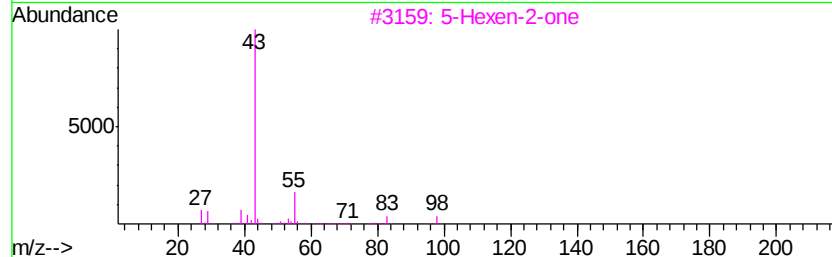
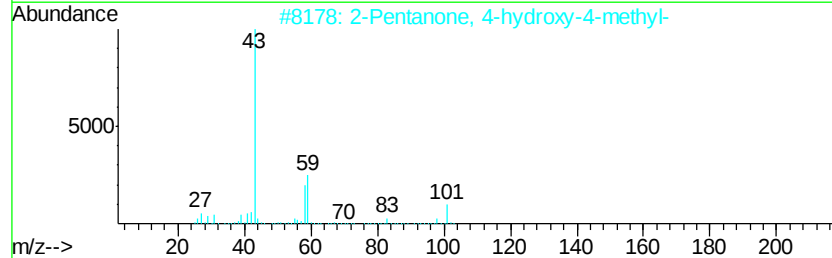
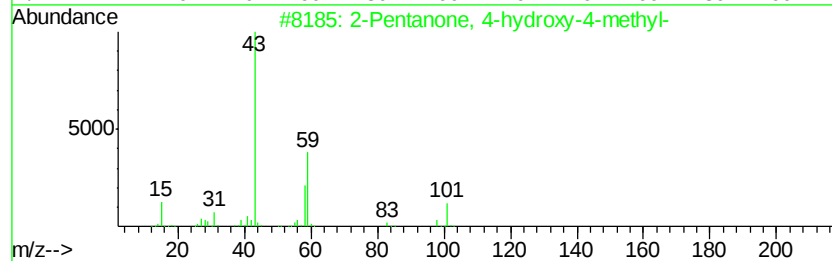
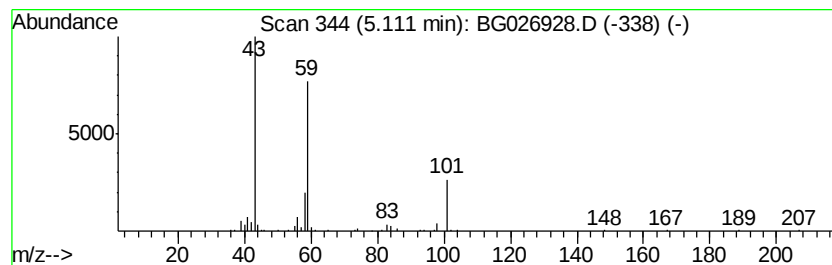
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	4.51 ng/ul	234792	1,4-Dichlorobenzene-d4	8.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	23		
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9		
4	Acetone	58	C3H6O	000067-64-1	9		
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9		



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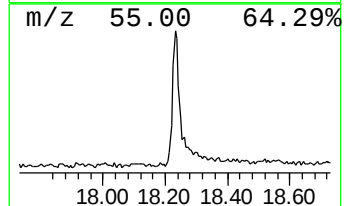
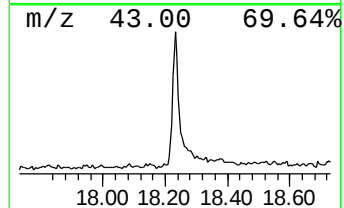
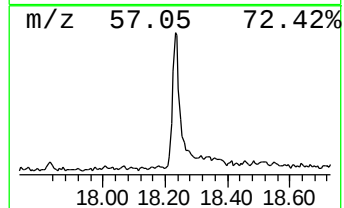
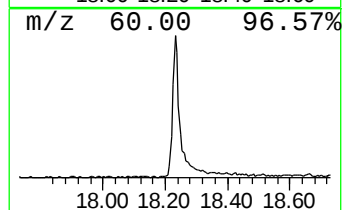
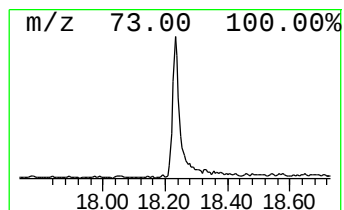
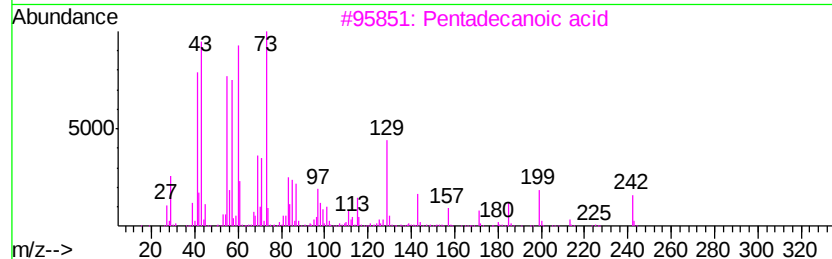
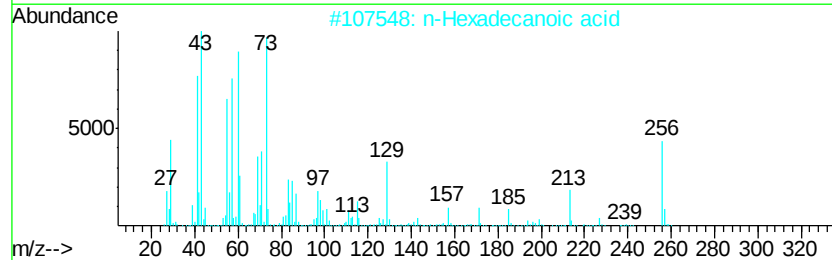
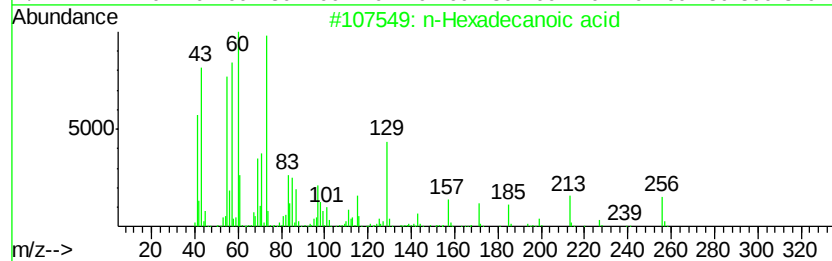
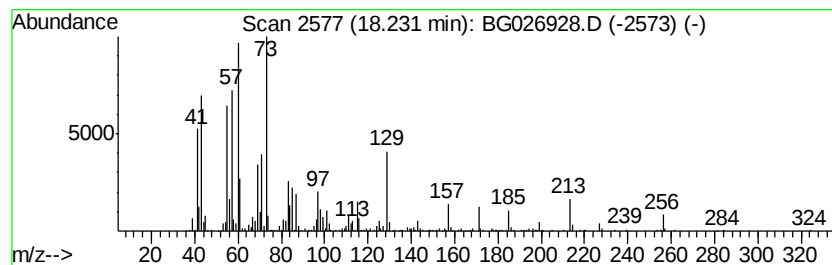
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.23	6.60 ng/ul	827640	Phenanthrene-d10	17.35		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	94	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	93	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	93	



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050917\
Data File : BG026928.D
Acq On : 10 May 2017 1:34
Operator : SJ/MA
Sample : I2966-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESXM3

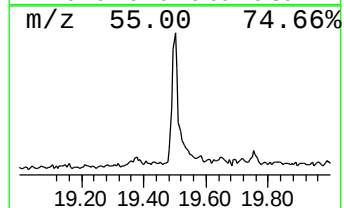
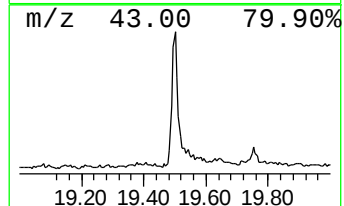
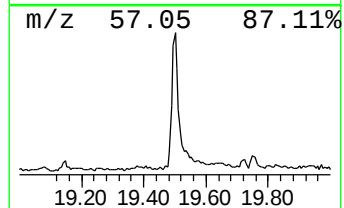
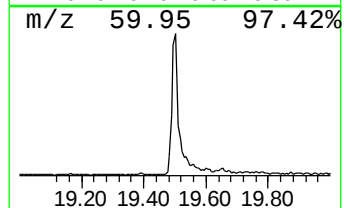
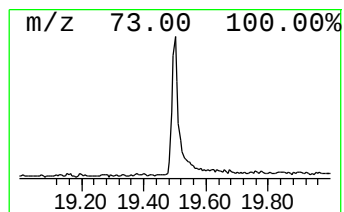
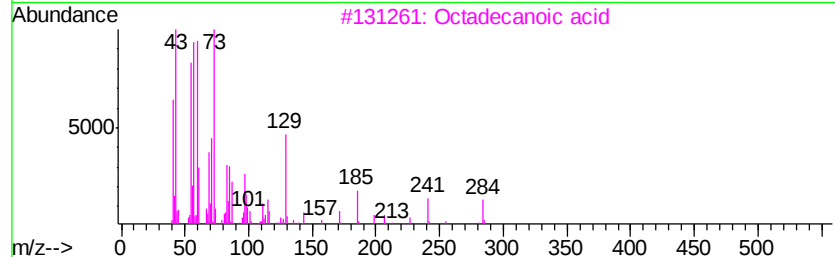
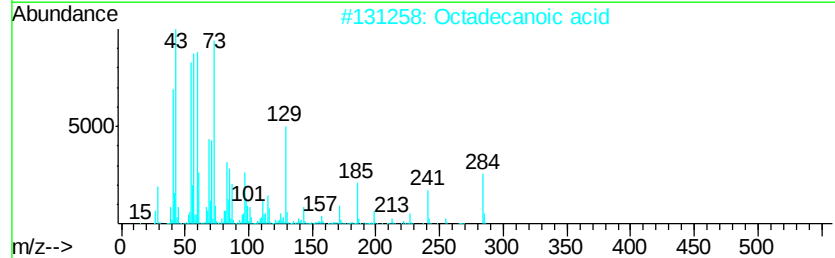
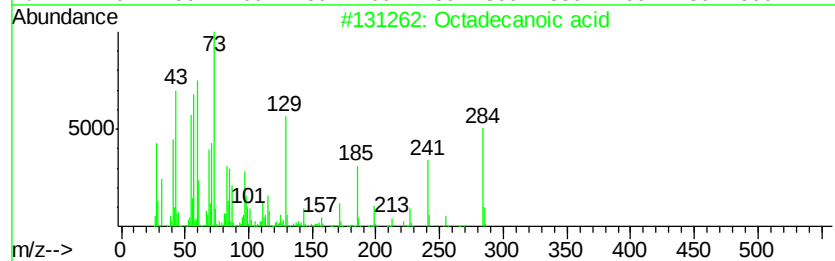
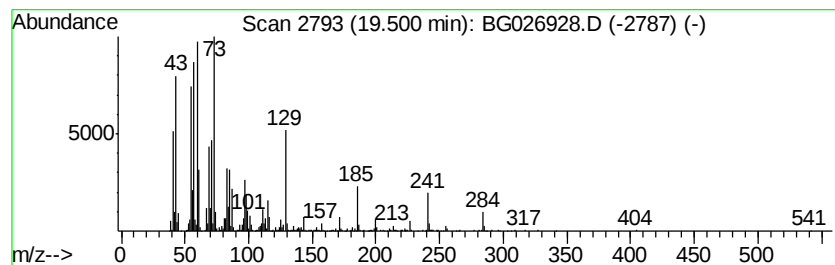
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	7.24 ng/ul	957736	Chrysene-d12	21.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	96
4		Octadecanoic acid	284	C18H36O2	000057-11-4	95
5		Octadecanoic acid	284	C18H36O2	000057-11-4	94



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050917\
Data File : BG026928.D
Acq On : 10 May 2017 1:34
Operator : SJ/MA
Sample : I2966-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESXM3

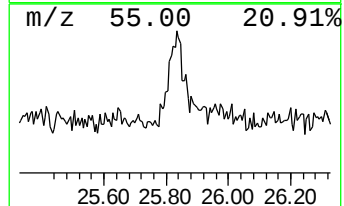
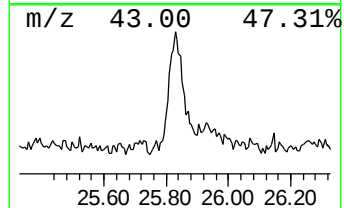
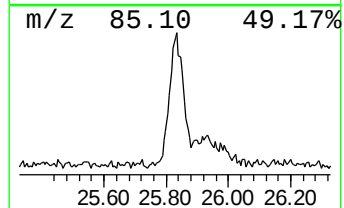
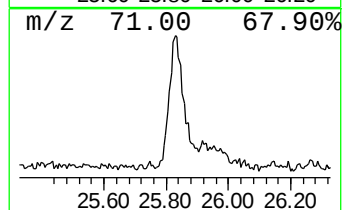
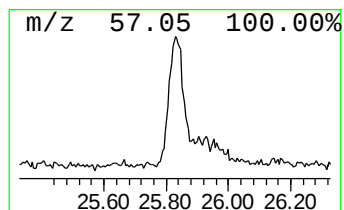
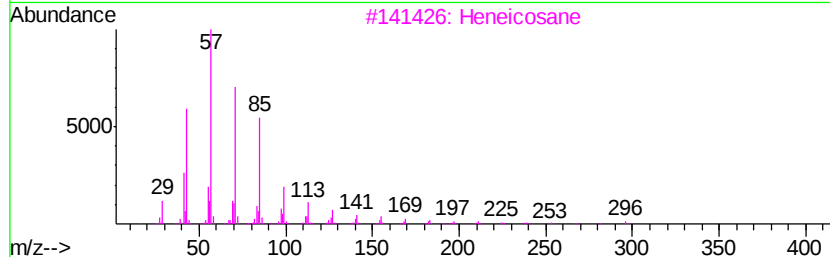
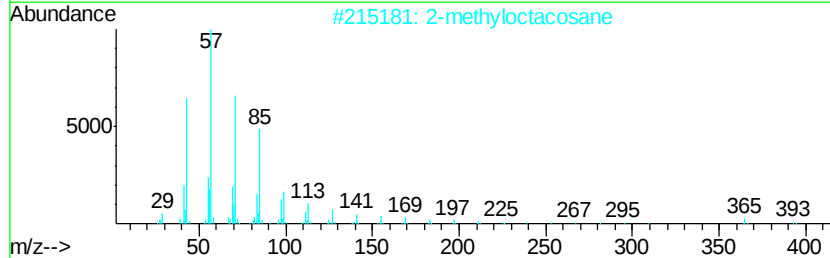
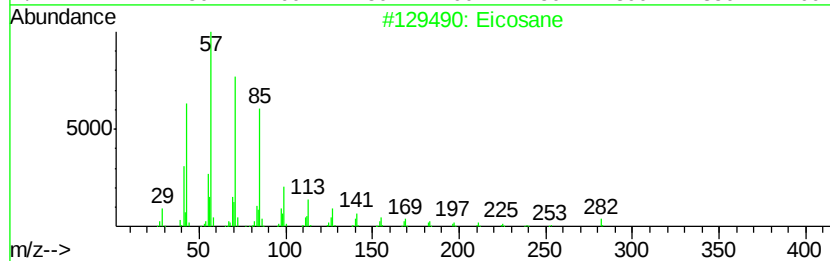
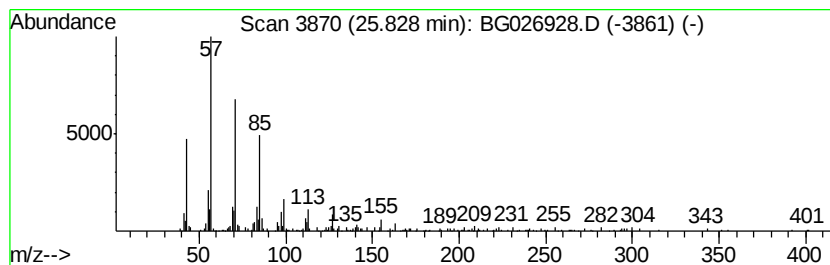
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.83	2.39 ng/ul	355565	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	90
5		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90



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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESXM3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.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
Butanoic acid, 3-...	4.90	2.0	ng/ul	104967	1	8.00	1040110	20.0
2-Pentanone, 4-hy...	5.11	4.5	ng/ul	234792	1	8.00	1040110	20.0
n-Hexadecanoic acid	18.23	6.6	ng/ul	827640	4	17.35	2507190	20.0
Octadecanoic acid	19.50	7.2	ng/ul	957736	5	21.60	2647050	20.0
(DEL) Alkane: Str...	25.83	2.4	ng/ul	355565	6	24.76	2978780	20.0