

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101816\
 Data File : BG024431.D
 Acq On : 18 Oct 2016 22:34
 Operator : UM/SJ
 Sample : H5223-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNH5

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	3.407	92	97	102	rBV7	19688	41634	0.88%	0.069%
2	3.642	128	137	142	rBV9	27387	68753	1.45%	0.114%
3	4.182	224	229	234	rBV7	17516	23905	0.50%	0.040%
4	4.406	266	267	272	rVB4	16766	20498	0.43%	0.034%
5	4.688	309	315	319	rVV8	10659	24642	0.52%	0.041%
6	4.729	319	322	331	rVV8	10729	27538	0.58%	0.046%
7	4.823	337	338	347	rVB7	8307	18876	0.40%	0.031%
8	5.140	389	392	398	rVB6	11864	18906	0.40%	0.031%
9	5.346	419	427	438	rBV	277863	458603	9.67%	0.762%
10	5.645	471	478	480	rBV5	12588	23660	0.50%	0.039%
11	5.898	514	521	526	rVV8	11407	22879	0.48%	0.038%
12	6.486	614	621	624	rBV8	13241	29268	0.62%	0.049%
13	7.202	739	743	747	rBV6	12283	20296	0.43%	0.034%
14	7.255	747	752	765	rVB6	16772	45677	0.96%	0.076%
15	7.408	765	778	794	rVB	588183	1155052	24.35%	1.918%
16	7.596	801	810	821	rBV	366618	642979	13.56%	1.068%
17	7.808	835	846	855	rBV	517968	924734	19.50%	1.536%
18	8.284	918	927	940	rVV	698451	1233346	26.00%	2.048%
19	8.483	955	961	969	rVB10	31112	74086	1.56%	0.123%
20	8.648	983	989	995	rBV8	9244	19948	0.42%	0.033%
21	8.971	1036	1044	1053	rVB2	674195	1219373	25.71%	2.025%
22	9.112	1062	1068	1073	rBV8	19671	40748	0.86%	0.068%
23	9.453	1118	1126	1134	rBV	541102	1032296	21.77%	1.714%
24	9.512	1134	1136	1143	rVB4	31105	44835	0.95%	0.074%
25	9.805	1181	1186	1197	rVB6	12821	34936	0.74%	0.058%
26	10.181	1242	1250	1258	rBV2	489210	925067	19.50%	1.536%
27	10.275	1264	1266	1273	rBV6	11346	19213	0.41%	0.032%
28	10.716	1332	1341	1353	rVV	791115	1459634	30.78%	2.424%
29	10.875	1361	1368	1373	rBV7	14966	35164	0.74%	0.058%
30	11.110	1398	1408	1417	rBV	1083855	2011082	42.40%	3.340%
31	11.239	1422	1430	1446	rBV2	575603	1098325	23.16%	1.824%
32	12.590	1652	1660	1668	rVB3	53738	111924	2.36%	0.186%
33	12.673	1668	1674	1679	rBV6	20831	44364	0.94%	0.074%
34	12.772	1688	1691	1696	rVB6	19620	31659	0.67%	0.053%

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35	13.043	1730	1737	1743	rBV9	8903	25761	0.54%	0.043%
36	13.489	1805	1813	1818	rVB10	11483	23505	0.50%	0.039%
37	13.671	1841	1844	1854	rBV10	8923	22255	0.47%	0.037%
38	13.759	1854	1859	1869	rBV3	51766	94652	2.00%	0.157%
39	14.212	1932	1936	1940	rVV6	11166	22638	0.48%	0.038%
40	14.288	1940	1949	1953	rVV	1550163	2350438	49.56%	3.903%
41	14.335	1953	1957	1965	rVB	1061826	1505200	31.74%	2.500%
42	14.500	1982	1985	1989	rBV5	12339	19057	0.40%	0.032%
43	14.594	1991	2001	2009	rBV	1606696	2567907	54.14%	4.264%
44	14.752	2023	2028	2035	rVB6	28083	49088	1.04%	0.082%
45	14.841	2035	2043	2046	rBV9	18446	42045	0.89%	0.070%
46	14.899	2046	2053	2066	rVB	1915934	3118400	65.75%	5.178%
47	15.058	2073	2080	2089	rBV2	819271	1381090	29.12%	2.293%
48	15.152	2089	2096	2104	rVV8	77362	161112	3.40%	0.268%
49	15.252	2109	2113	2118	rVB8	21050	45171	0.95%	0.075%
50	15.305	2118	2122	2125	rBV6	13492	21087	0.44%	0.035%
51	15.363	2126	2132	2137	rVB6	63587	99165	2.09%	0.165%
52	15.599	2168	2172	2176	rVB7	19174	24808	0.52%	0.041%
53	15.651	2176	2181	2184	rBV6	19736	38383	0.81%	0.064%
54	15.698	2184	2189	2194	rVB2	79906	102734	2.17%	0.171%
55	15.763	2194	2200	2201	rBV6	17673	27196	0.57%	0.045%
56	15.798	2203	2206	2210	rVB2	41634	44856	0.95%	0.074%
57	15.881	2210	2220	2231	rVV	2199809	3453632	72.82%	5.735%
58	15.986	2231	2238	2248	rVB	832171	1258997	26.55%	2.091%
59	16.086	2251	2255	2256	rBV4	24170	29374	0.62%	0.049%
60	16.245	2279	2282	2287	rBV7	17455	30062	0.63%	0.050%
61	16.309	2289	2293	2301	rVB9	31532	53937	1.14%	0.090%
62	16.550	2330	2334	2344	rBV4	65892	144060	3.04%	0.239%
63	16.826	2375	2381	2387	rBV10	28028	62439	1.32%	0.104%
64	17.050	2415	2419	2426	rVB4	49687	74412	1.57%	0.124%
65	17.238	2445	2451	2454	rBV7	17626	41138	0.87%	0.068%
66	17.273	2454	2457	2461	rVB6	38188	41185	0.87%	0.068%
67	17.344	2464	2469	2476	rBV3	60385	106540	2.25%	0.177%
68	17.479	2489	2492	2497	rBV6	28224	39608	0.84%	0.066%
69	17.543	2500	2503	2508	rVB7	18083	33648	0.71%	0.056%
70	17.637	2511	2519	2529	rVV	2339161	3777160	79.64%	6.272%
71	17.737	2529	2536	2548	rVB	2304374	3595401	75.81%	5.971%

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72	17.978	2571	2577	2591	rBV7	113381	234980	4.95%	0.390%
73	18.090	2591	2596	2597	rVV2	37182	48721	1.03%	0.081%
74	18.113	2597	2600	2607	rVB6	68899	99187	2.09%	0.165%
75	18.219	2615	2618	2622	rBV6	18701	25041	0.53%	0.042%
76	18.366	2637	2643	2649	rBV10	42121	96991	2.05%	0.161%
77	18.425	2649	2653	2657	rVV4	63862	91385	1.93%	0.152%
78	18.483	2657	2663	2673	rBV	682493	1028417	21.68%	1.708%
79	18.771	2706	2712	2716	rBV7	40696	76463	1.61%	0.127%
80	19.042	2755	2758	2765	rVB5	44025	61095	1.29%	0.101%
81	19.136	2770	2774	2780	rVB9	17810	33309	0.70%	0.055%
82	19.335	2803	2808	2820	rBV7	94173	168724	3.56%	0.280%
83	19.535	2837	2842	2847	rBV3	80609	117926	2.49%	0.196%
84	19.623	2849	2857	2868	rBV8	177920	421371	8.88%	0.700%
85	19.741	2872	2877	2888	rBV2	296749	434177	9.15%	0.721%
86	19.829	2889	2892	2896	rVB3	49607	66218	1.40%	0.110%
87	19.899	2899	2904	2910	rVB3	38518	75661	1.60%	0.126%
88	20.005	2913	2922	2935	rBV	2817003	4342258	91.56%	7.211%
89	20.516	3007	3009	3014	rVB5	55122	59585	1.26%	0.099%
90	20.898	3071	3074	3080	rVB6	31000	52732	1.11%	0.088%
91	21.163	3116	3119	3125	rVB5	57663	70113	1.48%	0.116%
92	21.521	3175	3180	3191	rBV5	254953	491171	10.36%	0.816%
93	21.774	3220	3223	3229	rBV	99898	170354	3.59%	0.283%
94	21.932	3243	3250	3259	rVB2	2450051	4385546	92.47%	7.283%
95	23.466	3508	3511	3518	rVB5	83334	144098	3.04%	0.239%
96	24.324	3652	3657	3665	rVB5	98685	209765	4.42%	0.348%
97	25.140	3784	3796	3809	rVB	1431038	4256881	89.76%	7.069%
98	25.375	3824	3836	3851	rVB2	1460688	4742740	100.00%	7.876%
99	26.562	4030	4038	4050	rVB7	145082	470968	9.93%	0.782%
100	29.776	4580	4585	4590	rBV7	90637	211455	4.46%	0.351%

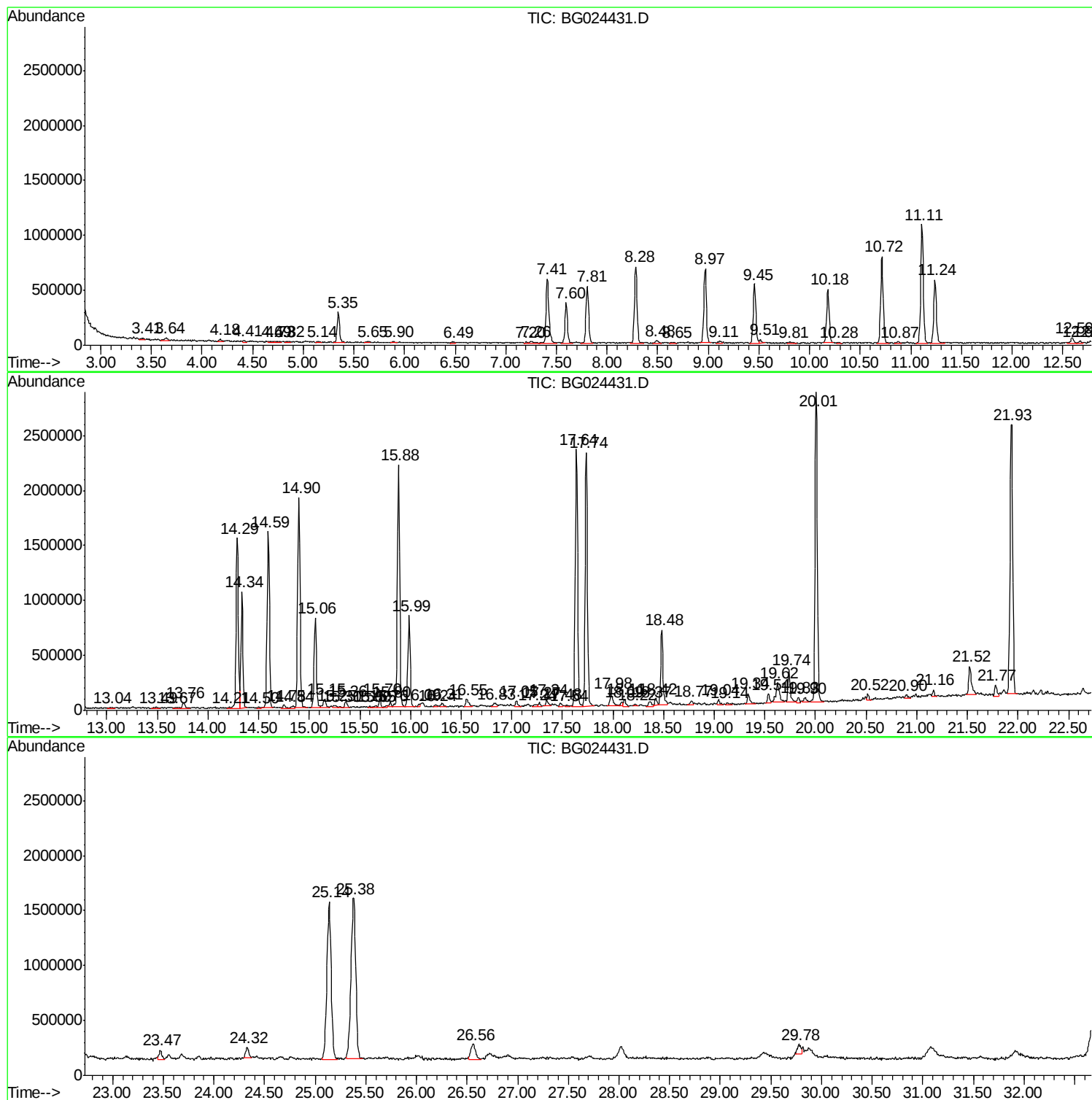
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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



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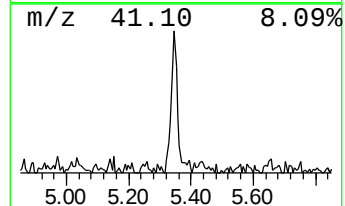
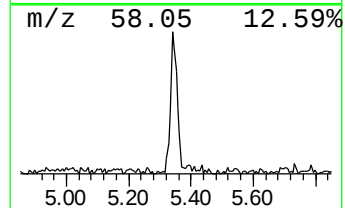
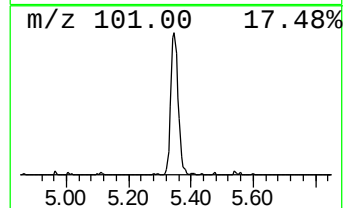
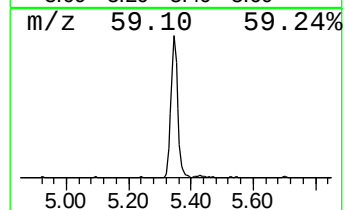
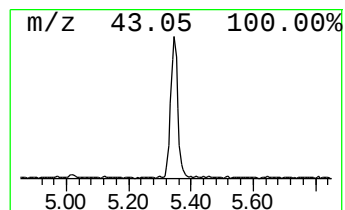
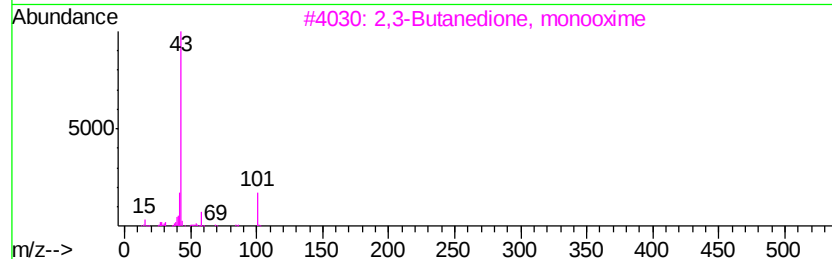
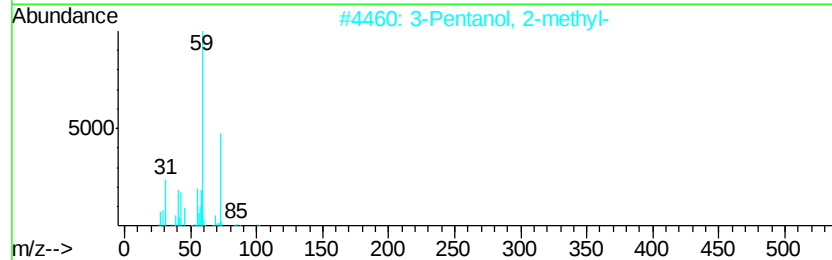
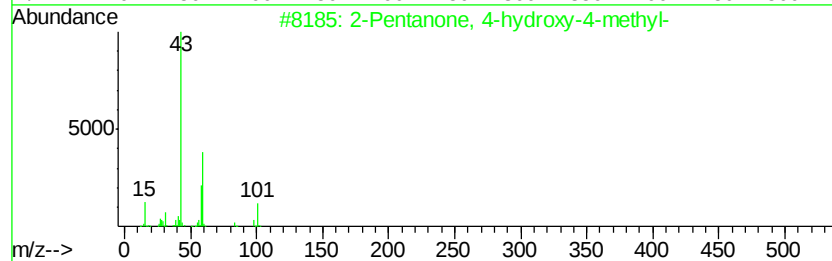
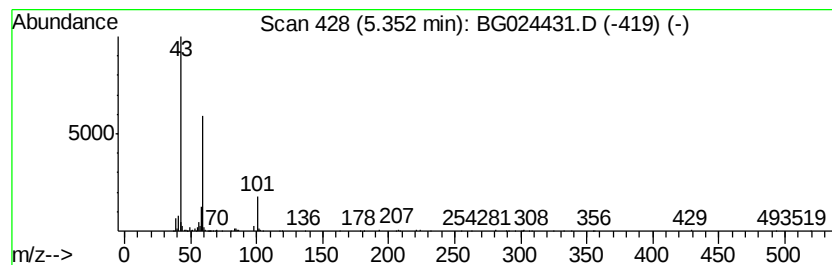
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.35	7.44 ng/ul	458603	1,4-Dichlorobenzene-d4	8.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	23
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4		Oxirane-2-carboxylic acid, methy...	102	C4H6O3	004538-50-5	9
5		Butane	58	C4H10	000106-97-8	9



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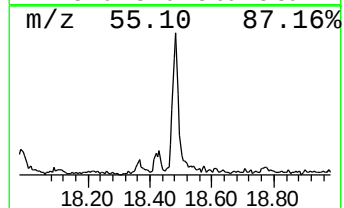
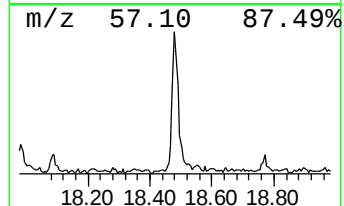
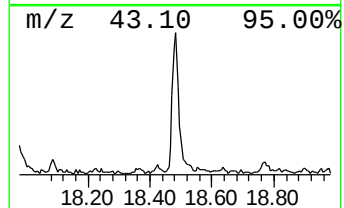
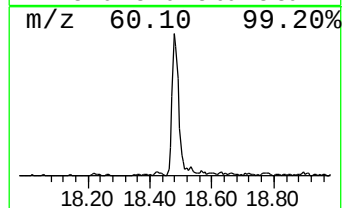
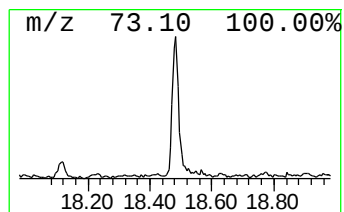
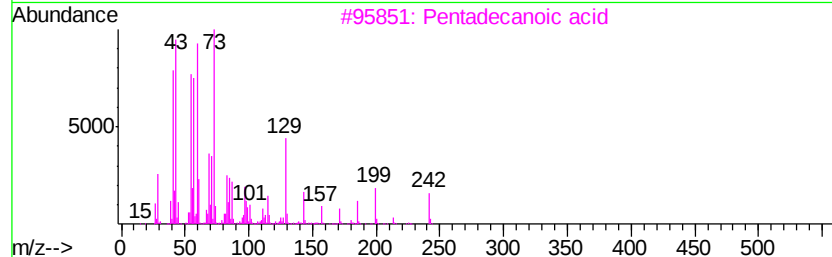
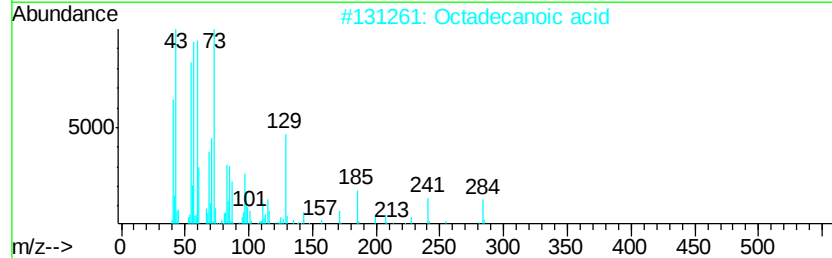
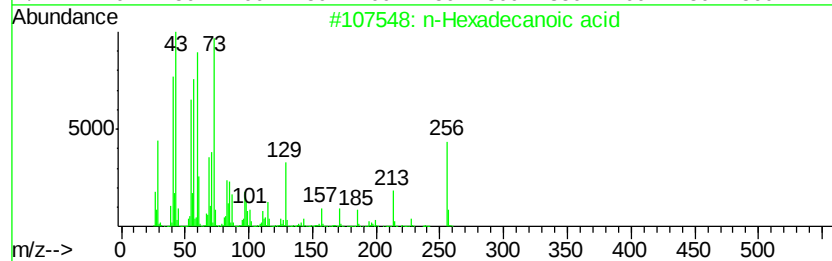
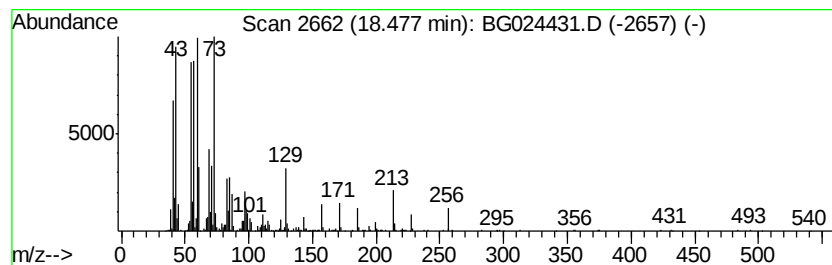
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	5.45 ng/ul	1028420	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Octadecanoic acid	284	C18H36O2	000057-11-4	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4		Tridecanoic acid	214	C13H26O2	000638-53-9	70
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70



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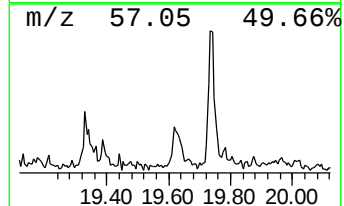
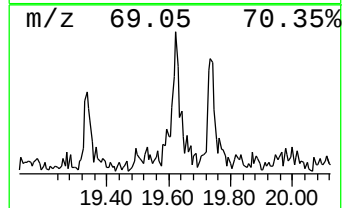
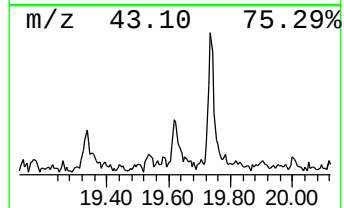
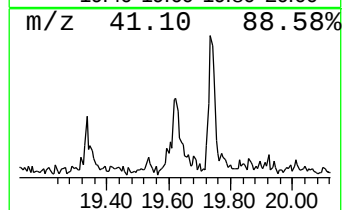
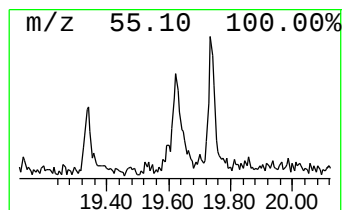
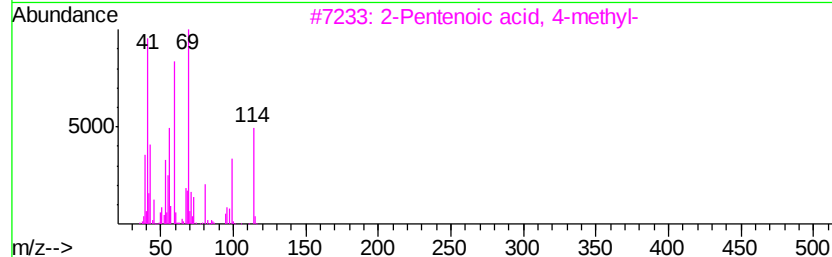
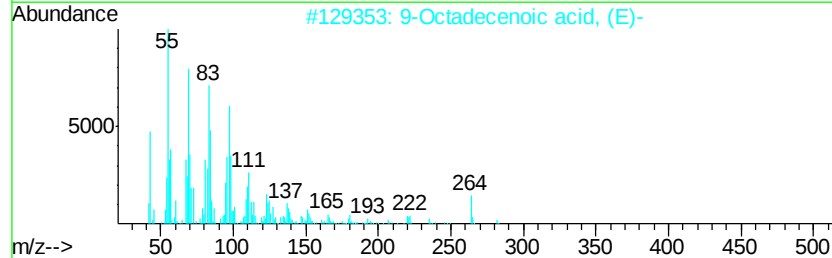
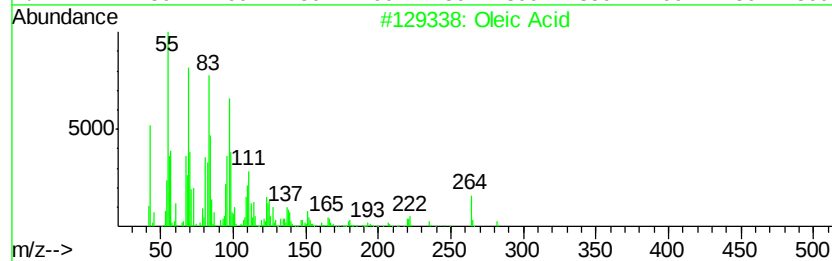
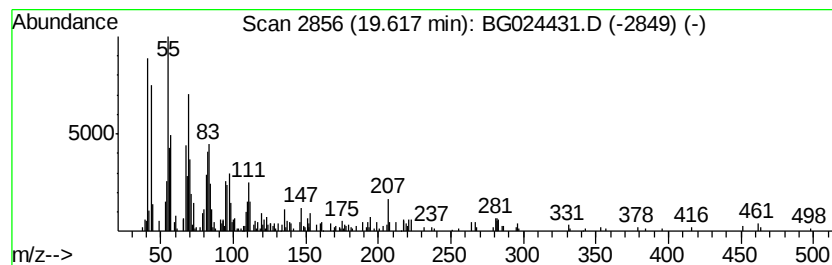
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Peak Number 3 Oleic Acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.62	2.23 ng/ul	421371	Phenanthrene-d10	17.64		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oleic Acid	282	C18H34O2	000112-80-1	89
2		9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	89
3		2-Pentenoic acid, 4-methyl-	114	C6H10O2	010321-71-8	38
4		3-Hexenoic acid	114	C6H10O2	004219-24-3	38
5		Methacrylic acid, ethyl ester	114	C6H10O2	000097-63-2	35



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101816\
Data File : BG024431.D
Acq On : 18 Oct 2016 22:34
Operator : UM/SJ
Sample : H5223-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNH5

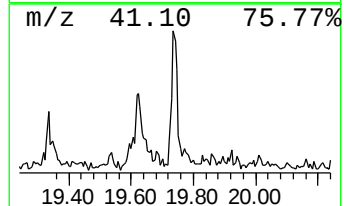
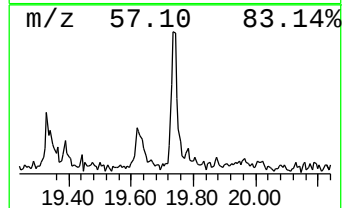
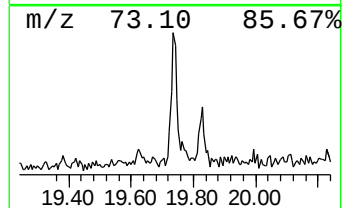
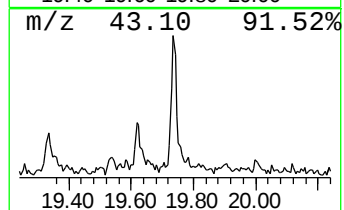
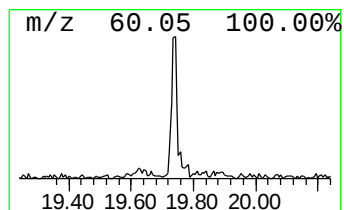
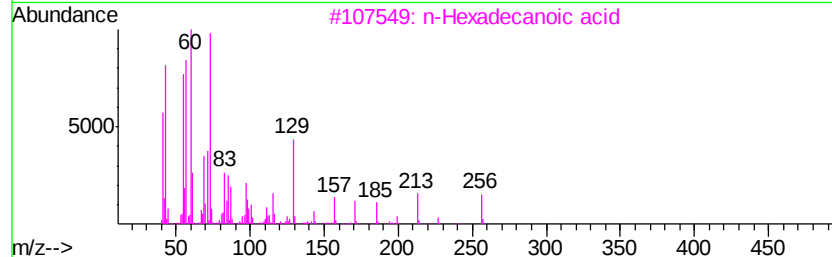
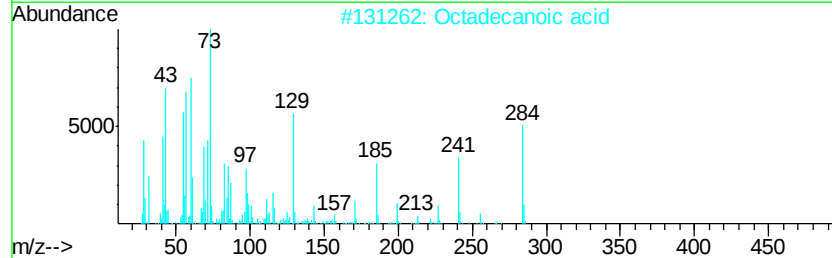
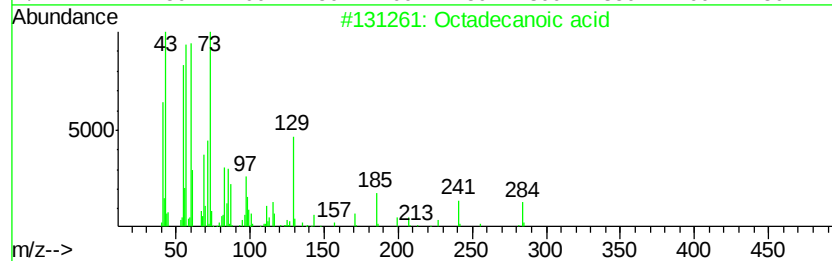
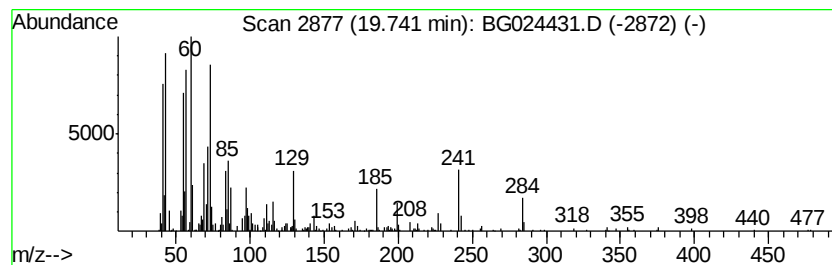
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	2.30 ng/ul	434177	Phenanthrene-d10	17.64

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	93
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5		Octadecanoic acid	284	C18H36O2	000057-11-4	92



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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNH5

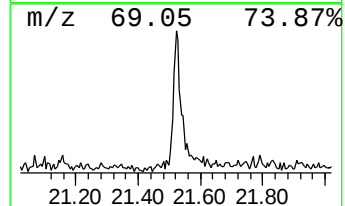
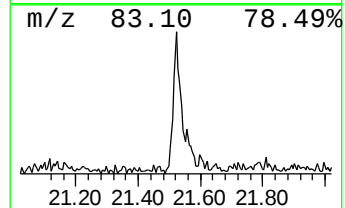
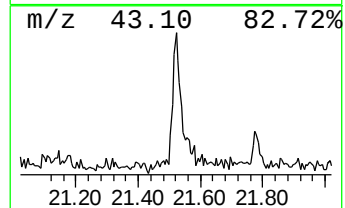
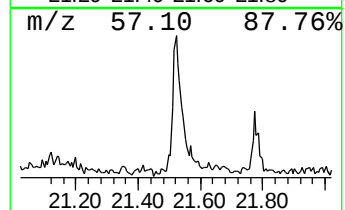
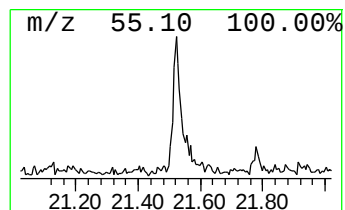
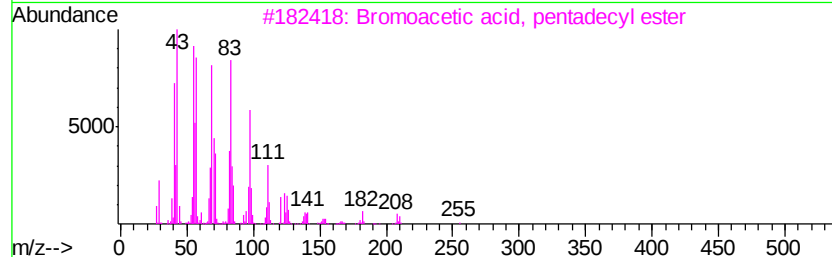
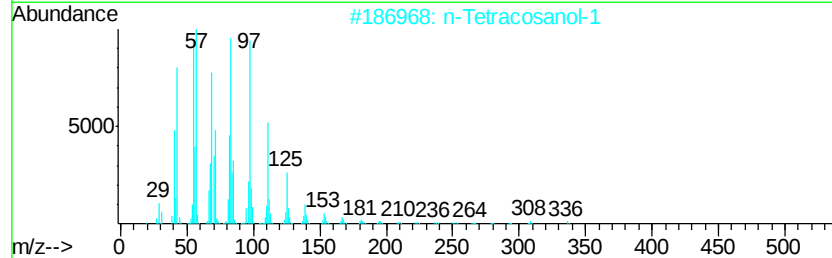
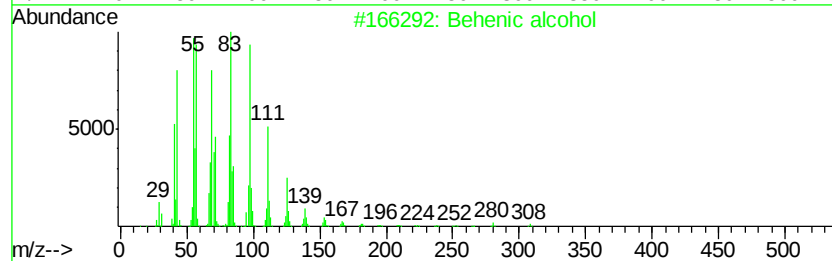
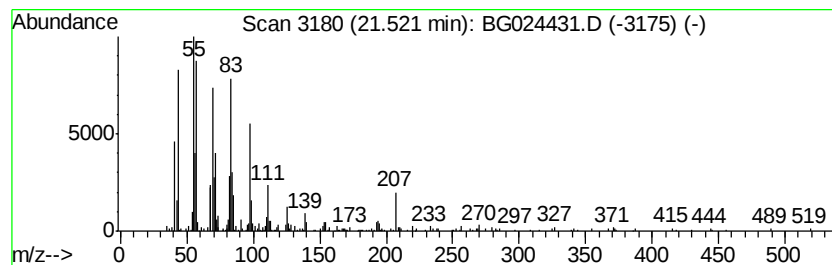
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	2.24 ng/ul	491171	Chrysene-d12	21.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Behenic alcohol	326	C22H46O	000661-19-8	87
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	87
3		Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	86
4		1-Heneicosanol	312	C21H44O	015594-90-8	86
5		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	83



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Sample : H5223-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNH5

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
2-Pentanone, 4-hy...	5.35	7.4	ng/ul	458603	1	8.28	1233350	20.0
n-Hexadecanoic acid	18.48	5.5	ng/ul	1028420	4	17.64	3777160	20.0
Oleic Acid	19.62	2.2	ng/ul	421371	4	17.64	3777160	20.0
Octadecanoic acid	19.74	2.3	ng/ul	434177	4	17.64	3777160	20.0
Behenic alcohol	21.52	2.2	ng/ul	491171	5	21.94	4385550	20.0