

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081915\
 Data File : BG018475.D
 Acq On : 19 Aug 2015 15:44
 Operator : UM/MA
 Sample : G3302-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0545

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 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: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.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	2.890	6	9	17	rVB	22561	35351	1.01%	0.099%
2	3.114	42	47	54	rBV	145824	241602	6.91%	0.675%
3	3.184	54	59	73	rVB	1533944	2258435	64.61%	6.306%
4	3.360	85	89	95	rBV7	3943	7554	0.22%	0.021%
5	3.449	102	104	107	rVB3	6743	7670	0.22%	0.021%
6	4.036	198	204	205	rBV5	4662	5415	0.15%	0.015%
7	4.729	316	322	328	rBV	76204	121604	3.48%	0.340%
8	5.035	370	374	378	rBV5	4342	7325	0.21%	0.020%
9	5.094	381	384	387	rBV5	4409	5685	0.16%	0.016%
10	5.241	405	409	412	rBV4	4712	7617	0.22%	0.021%
11	6.228	574	577	579	rVB4	4259	4880	0.14%	0.014%
12	7.009	704	710	711	rBV4	6161	8926	0.26%	0.025%
13	7.056	715	718	721	rBV5	4293	5274	0.15%	0.015%
14	7.174	731	738	746	rBV2	97995	185707	5.31%	0.519%
15	7.338	758	766	776	rVB	349536	593311	16.97%	1.657%
16	7.544	794	801	809	rBV	342730	580926	16.62%	1.622%
17	7.708	826	829	833	rVB5	4126	5023	0.14%	0.014%
18	7.785	837	842	844	rBV5	4562	5125	0.15%	0.014%
19	8.014	875	881	889	rBV	375160	618502	17.69%	1.727%
20	8.243	918	920	928	rVB6	8662	14076	0.40%	0.039%
21	8.566	970	975	979	rBV6	6497	10453	0.30%	0.029%
22	8.713	993	1000	1010	rBV	283217	500164	14.31%	1.397%
23	9.171	1070	1078	1085	rBV	407521	731651	20.93%	2.043%
24	9.389	1114	1115	1117	rBV2	5584	5089	0.15%	0.014%
25	9.612	1147	1153	1159	rVB6	6210	13664	0.39%	0.038%
26	9.894	1194	1201	1210	rVB	340373	595679	17.04%	1.663%
27	10.100	1230	1236	1238	rVB6	3180	5658	0.16%	0.016%
28	10.293	1266	1269	1271	rBV3	5149	5887	0.17%	0.016%
29	10.434	1284	1293	1303	rBV	578963	974930	27.89%	2.722%
30	10.740	1342	1345	1349	rBV5	4215	7226	0.21%	0.020%
31	10.816	1351	1358	1366	rVV	564206	1015215	29.04%	2.835%
32	11.792	1521	1524	1529	rBV6	3180	6564	0.19%	0.018%
33	11.856	1531	1535	1538	rVB5	3689	5406	0.15%	0.015%
34	12.097	1572	1576	1580	rVB4	10902	16491	0.47%	0.046%

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35	12.667	1667	1673	1680	rBV10	8566	18462	0.53%	0.052%
36	12.791	1692	1694	1697	rBV3	3393	5028	0.14%	0.014%
37	13.014	1728	1732	1735	rBV5	5846	7409	0.21%	0.021%
38	14.042	1898	1907	1916	rBV	1159684	1674870	47.91%	4.677%
39	14.171	1927	1929	1933	rVB5	5201	5358	0.15%	0.015%
40	14.336	1947	1957	1965	rBV	1339570	2117555	60.58%	5.913%
41	14.641	2000	2009	2017	rVB2	1014915	1652247	47.27%	4.613%
42	14.823	2034	2040	2052	rBV	126524	223026	6.38%	0.623%
43	14.935	2055	2059	2060	rBV4	4999	5552	0.16%	0.016%
44	15.041	2075	2077	2079	rBV3	4669	5310	0.15%	0.015%
45	15.147	2094	2095	2100	rBV5	3228	5454	0.16%	0.015%
46	15.282	2116	2118	2122	rBV4	5026	6824	0.20%	0.019%
47	15.376	2129	2134	2137	rBV2	13219	22053	0.63%	0.062%
48	15.452	2143	2147	2151	rVB3	12725	16945	0.48%	0.047%
49	15.564	2160	2166	2169	rBV7	6166	13332	0.38%	0.037%
50	15.628	2171	2177	2185	rVB	1794181	2731294	78.13%	7.626%
51	15.740	2189	2196	2205	rBV	493454	743121	21.26%	2.075%
52	15.869	2214	2218	2222	rVB6	12319	20429	0.58%	0.057%
53	16.316	2286	2294	2308	rBV2	55285	228083	6.52%	0.637%
54	16.580	2335	2339	2344	rBV6	9873	12701	0.36%	0.035%
55	16.680	2355	2356	2359	rVB3	10585	6798	0.19%	0.019%
56	16.774	2369	2372	2374	rBV3	7051	7503	0.21%	0.021%
57	16.874	2385	2389	2390	rBV3	6551	7287	0.21%	0.020%
58	16.968	2403	2405	2410	rVB4	6463	8316	0.24%	0.023%
59	17.121	2427	2431	2435	rBV3	17734	32085	0.92%	0.090%
60	17.385	2469	2476	2482	rBV2	1473377	2235864	63.96%	6.243%
61	17.479	2486	2492	2499	rBV	1942334	3036802	86.87%	8.479%
62	18.272	2622	2627	2635	rBV2	266420	393883	11.27%	1.100%
63	19.424	2820	2823	2829	rVB3	61552	85817	2.45%	0.240%
64	19.541	2839	2843	2852	rBV2	223591	342723	9.80%	0.957%
65	19.765	2875	2881	2889	rVB	2458743	3495652	100.00%	9.761%
66	21.645	3194	3201	3210	rVB	1500040	2454744	70.22%	6.854%
67	24.624	3697	3708	3720	rVB	1141993	3097386	88.61%	8.649%
68	24.841	3735	3745	3760	rVB2	859318	2479610	70.93%	6.924%

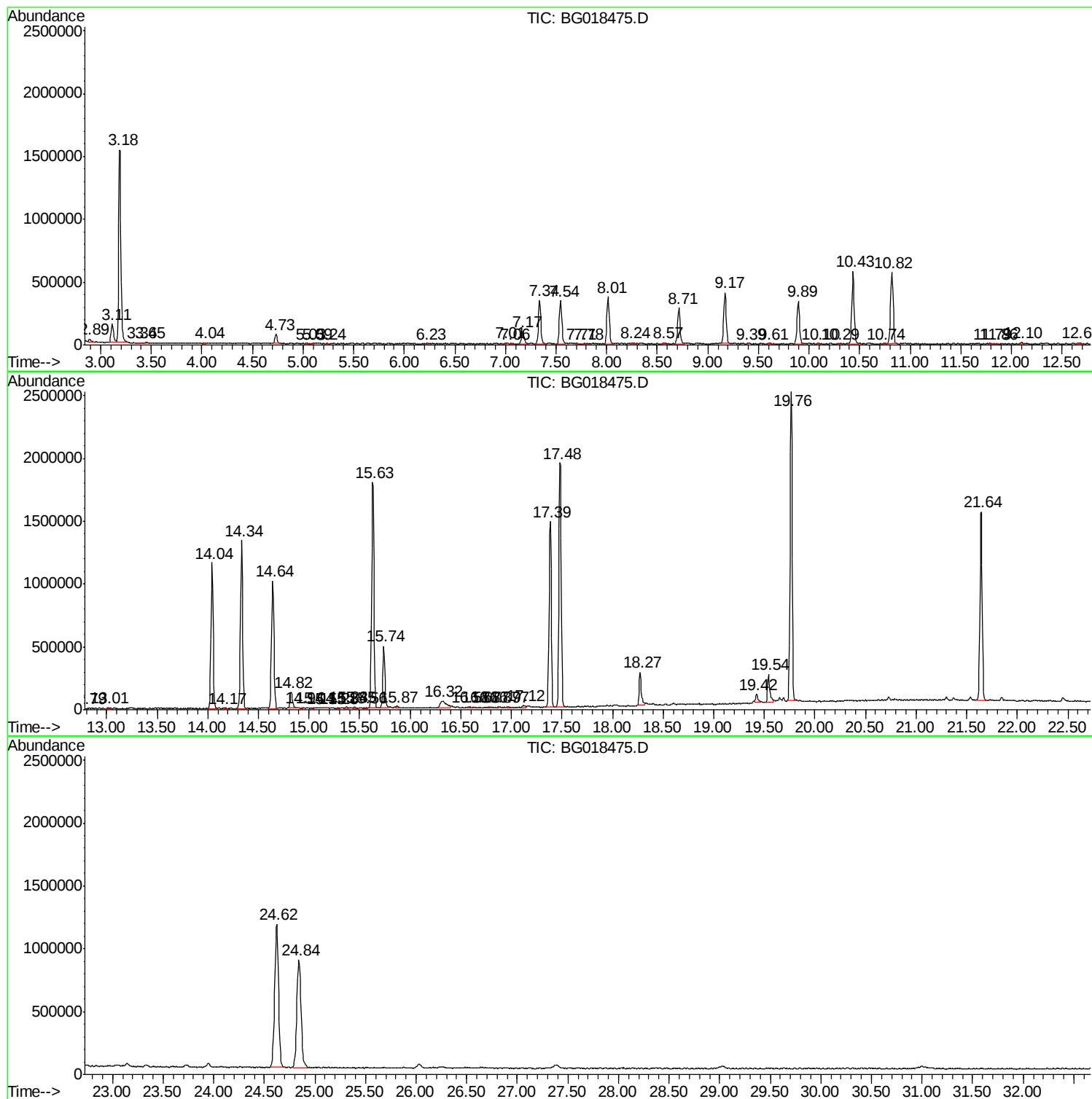
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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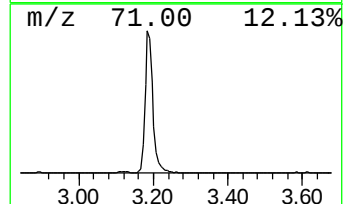
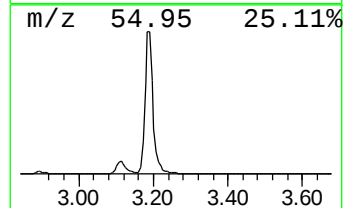
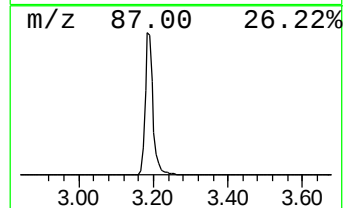
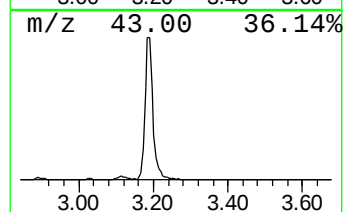
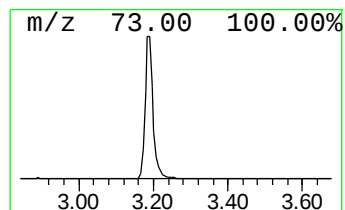
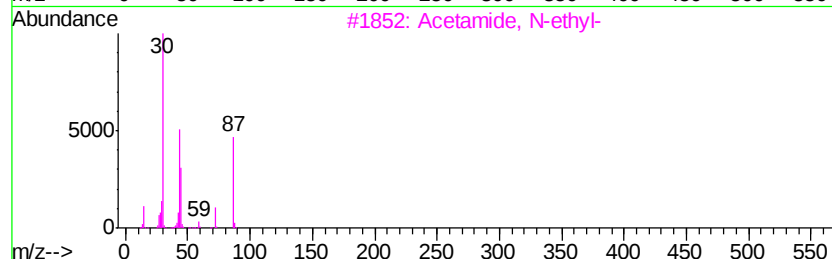
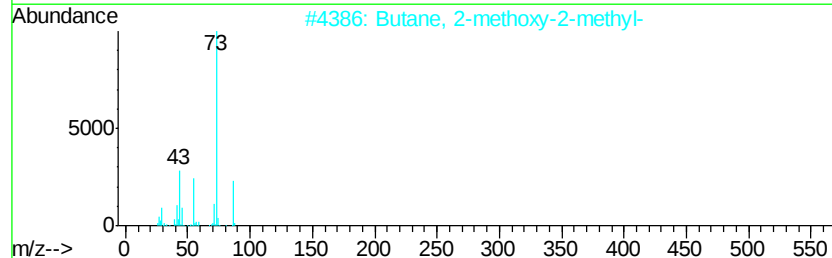
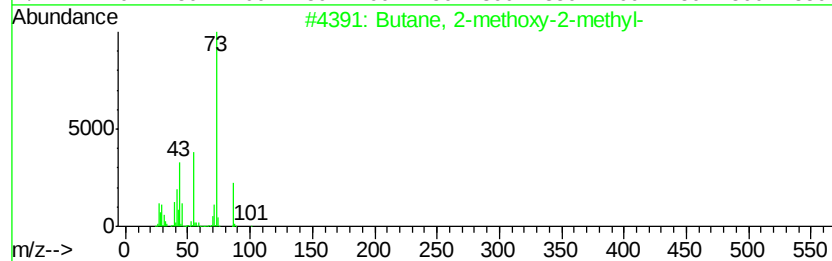
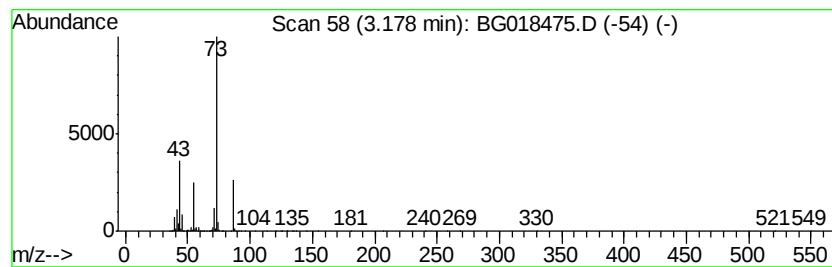
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	73.03 ng/ul	2258440	1,4-Dichlorobenzene-d4	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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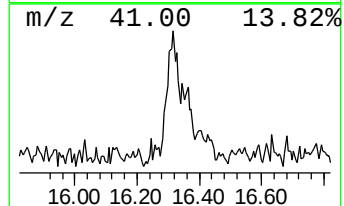
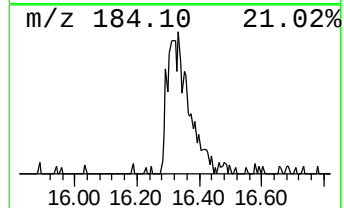
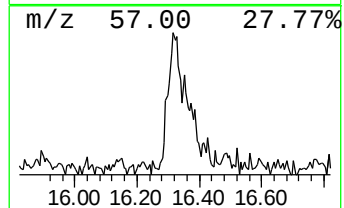
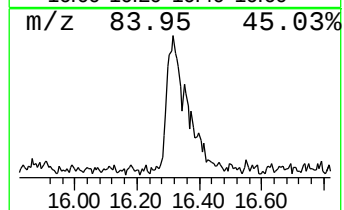
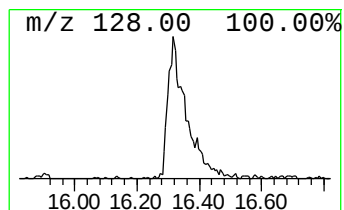
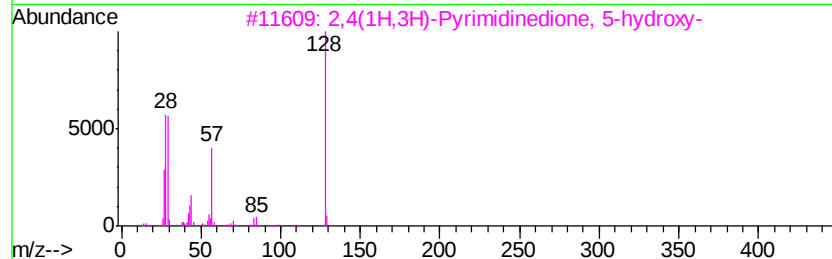
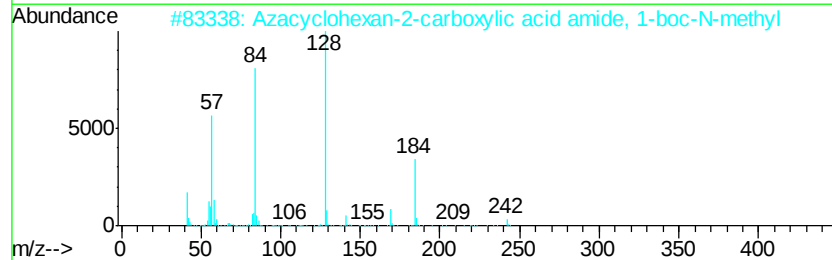
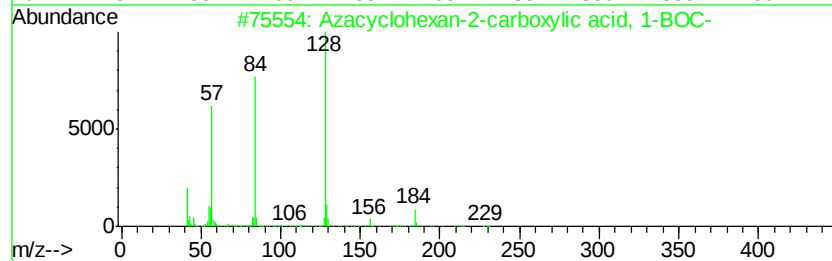
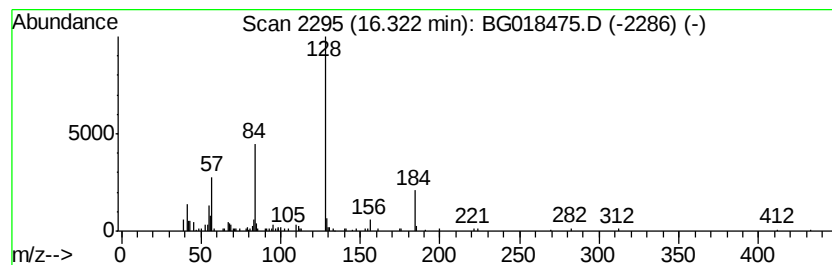
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Azacyclohexan-2-carboxylic ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	2.04 ng/ul	228083	Phenanthrene-d10	17.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Azacyclohexan-2-carboxylic acid,...	229	C11H19N04	1000126-80-6	56
2		Azacyclohexan-2-carboxylic acid ...	242	C12H22N2O3	184637-51-2	47
3		2,4(1H,3H)-Pyrimidinedione, 5-hy...	128	C4H4N2O3	020636-41-3	46
4		2,4,5-Trihydroxypyrimidine	128	C4H4N2O3	000496-76-4	43
5		2,4,5-Trihydroxypyrimidine	128	C4H4N2O3	000496-76-4	37



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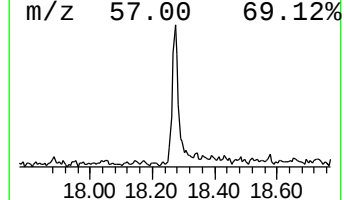
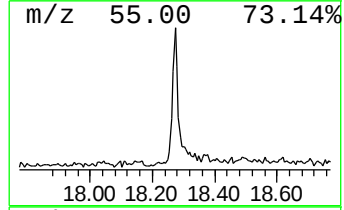
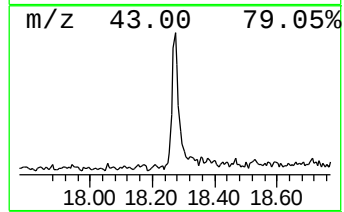
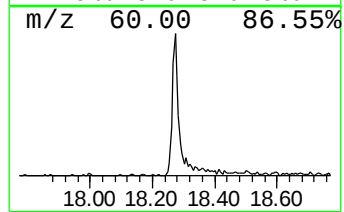
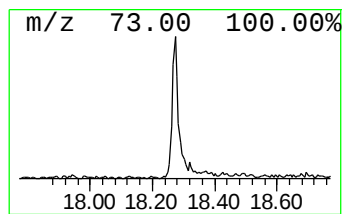
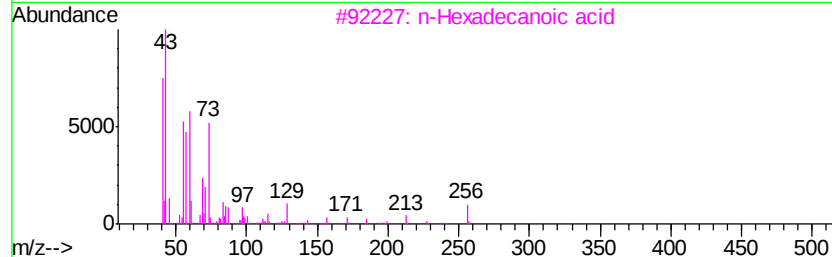
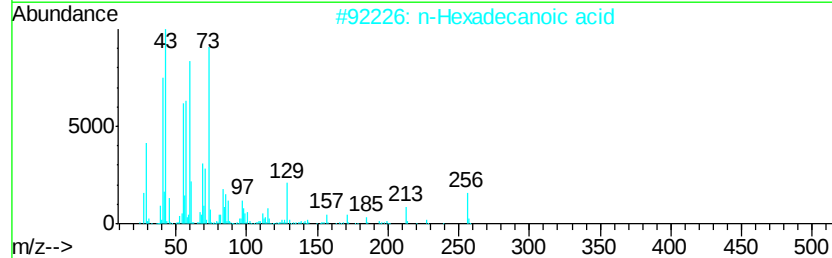
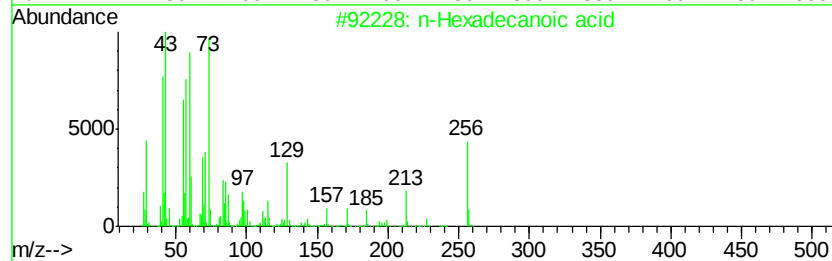
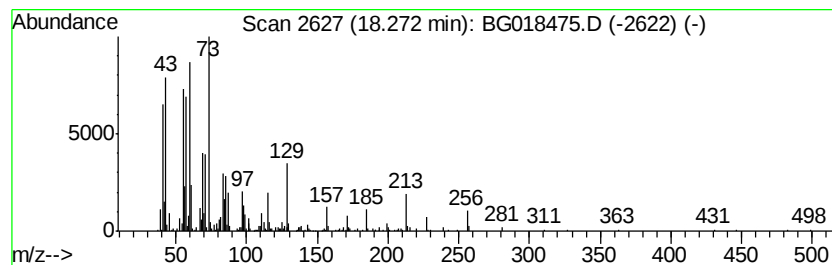
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	3.52 ng/ul	393883	Phenanthrene-d10	17.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4		Tridecanoic acid	214	C13H26O2	000638-53-9	81
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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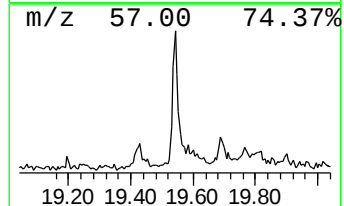
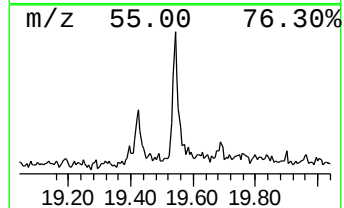
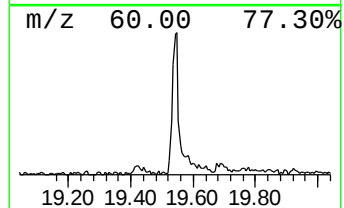
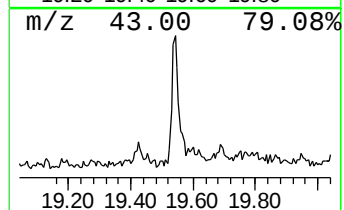
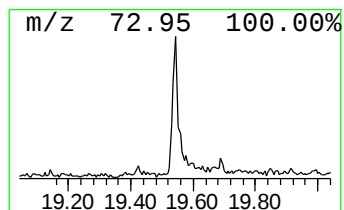
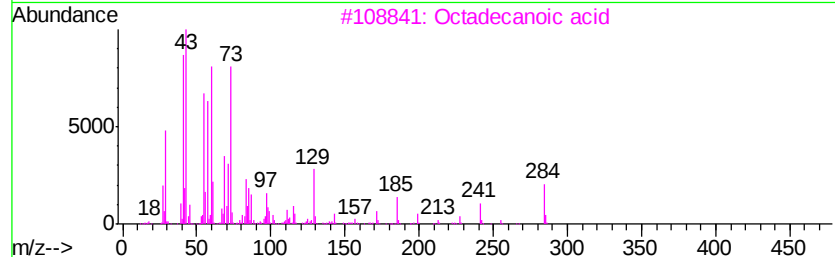
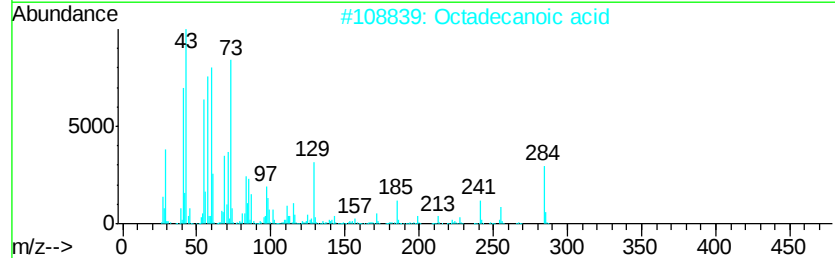
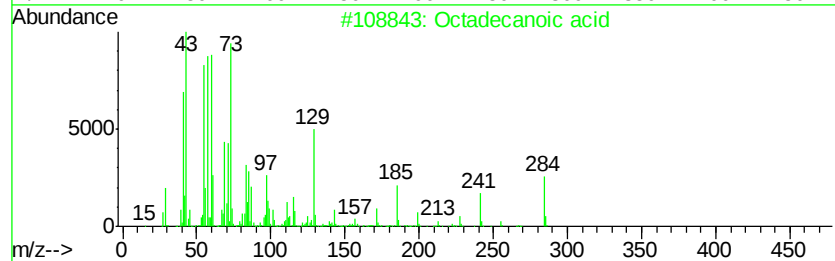
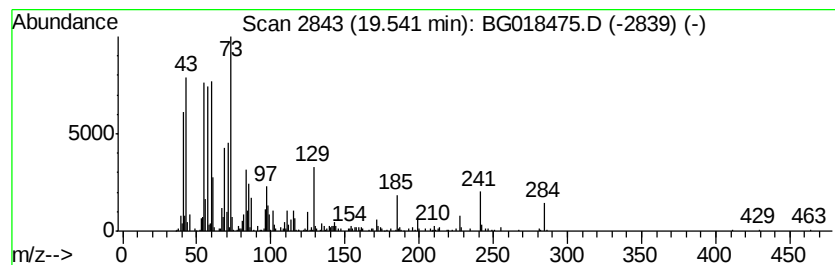
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	2.79 ng/ul	342723	Chrysene-d12	21.64

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	95
3		Octadecanoic acid	284	C18H36O2	000057-11-4	91
4		Octadecanoic acid	284	C18H36O2	000057-11-4	78
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	64



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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.18	73.0	ng/ul	2258440	1	8.01	618502	20.0
Azacyclohexan-2-c...	16.32	2.0	ng/ul	228083	4	17.39	2235860	20.0
n-Hexadecanoic acid	18.27	3.5	ng/ul	393883	4	17.39	2235860	20.0
Octadecanoic acid	19.54	2.8	ng/ul	342723	5	21.64	2454740	20.0