

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090616\
 Data File : BM007428.D
 Acq On : 06 Sep 2016 23:42
 Operator : UM/SJ
 Sample : H4674-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0042

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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_M\METHODS\SOM02.2-EPA-BM082316.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	6.963	737	744	756	rBV	348718	566149	4.06%	0.545%
2	7.128	765	772	783	rBV	654857	1016336	7.30%	0.979%
3	7.328	798	806	820	rBV	792633	1270576	9.12%	1.224%
4	7.792	875	885	891	rBV	883487	1430277	10.27%	1.378%
5	7.851	891	895	904	rVB	285992	420306	3.02%	0.405%
6	8.492	998	1004	1014	rVB	771673	1258941	9.04%	1.213%
7	8.945	1074	1081	1090	rBV	912234	1559976	11.20%	1.502%
8	9.075	1095	1103	1116	rVB	117663	218201	1.57%	0.210%
9	9.663	1196	1203	1214	rBV	829415	1438228	10.33%	1.385%
10	10.198	1287	1294	1303	rBV	1236643	2172242	15.60%	2.092%
11	10.580	1348	1359	1366	rBV	1418753	2440511	17.52%	2.351%
12	10.716	1374	1382	1391	rBV	220656	408779	2.93%	0.394%
13	13.833	1905	1912	1922	rVB	2907685	4042242	29.02%	3.893%
14	14.115	1953	1960	1971	rBV	2936418	4493433	32.26%	4.328%
15	14.427	2006	2013	2022	rVB2	2539560	4012910	28.81%	3.865%
16	14.633	2042	2048	2063	rVB	450952	796104	5.72%	0.767%
17	15.221	2143	2148	2158	rVB	293703	384306	2.76%	0.370%
18	15.415	2174	2181	2188	rBV	4018776	6038639	43.35%	5.816%
19	15.545	2196	2203	2215	rBV	1546435	2211038	15.87%	2.130%
20	16.562	2367	2376	2382	rBV	561381	807178	5.80%	0.777%
21	16.621	2382	2386	2399	rVB	559163	905142	6.50%	0.872%
22	17.168	2472	2479	2488	rBV	3914647	5643769	40.52%	5.436%
23	17.268	2489	2496	2504	rBV	4939918	7079415	50.83%	6.819%
24	19.033	2791	2796	2802	rBV	1239962	1474398	10.59%	1.420%
25	19.562	2879	2886	2892	rBV	6237262	9138876	65.61%	8.802%
26	20.256	2995	3004	3008	rBV	2429887	2762589	19.83%	2.661%
27	20.297	3008	3011	3020	rVB	1499240	1826529	13.11%	1.759%
28	20.891	3108	3112	3117	rBV	137919	155823	1.12%	0.150%
29	21.121	3147	3151	3160	rBV	228323	297720	2.14%	0.287%
30	21.286	3174	3179	3183	rBV	3108814	3407137	24.46%	3.282%
31	21.333	3183	3187	3192	rVV2	6702950	13928495	100.00%	13.415%
32	21.374	3192	3194	3201	rVB	3220191	3288259	23.61%	3.167%
33	22.903	3451	3454	3460	rVB	124930	159881	1.15%	0.154%
34	23.474	3543	3551	3565	rVB2	4499826	8614663	61.85%	8.297%

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35	23.621	3567	3576	3586	rVB	3549773	7037362	50.52%	6.778%
36	24.127	3657	3662	3668	rVB2	185020	349449	2.51%	0.337%
37	24.879	3785	3790	3799	rVB2	195394	434096	3.12%	0.418%
38	25.762	3935	3940	3950	rVB2	139133	335921	2.41%	0.324%

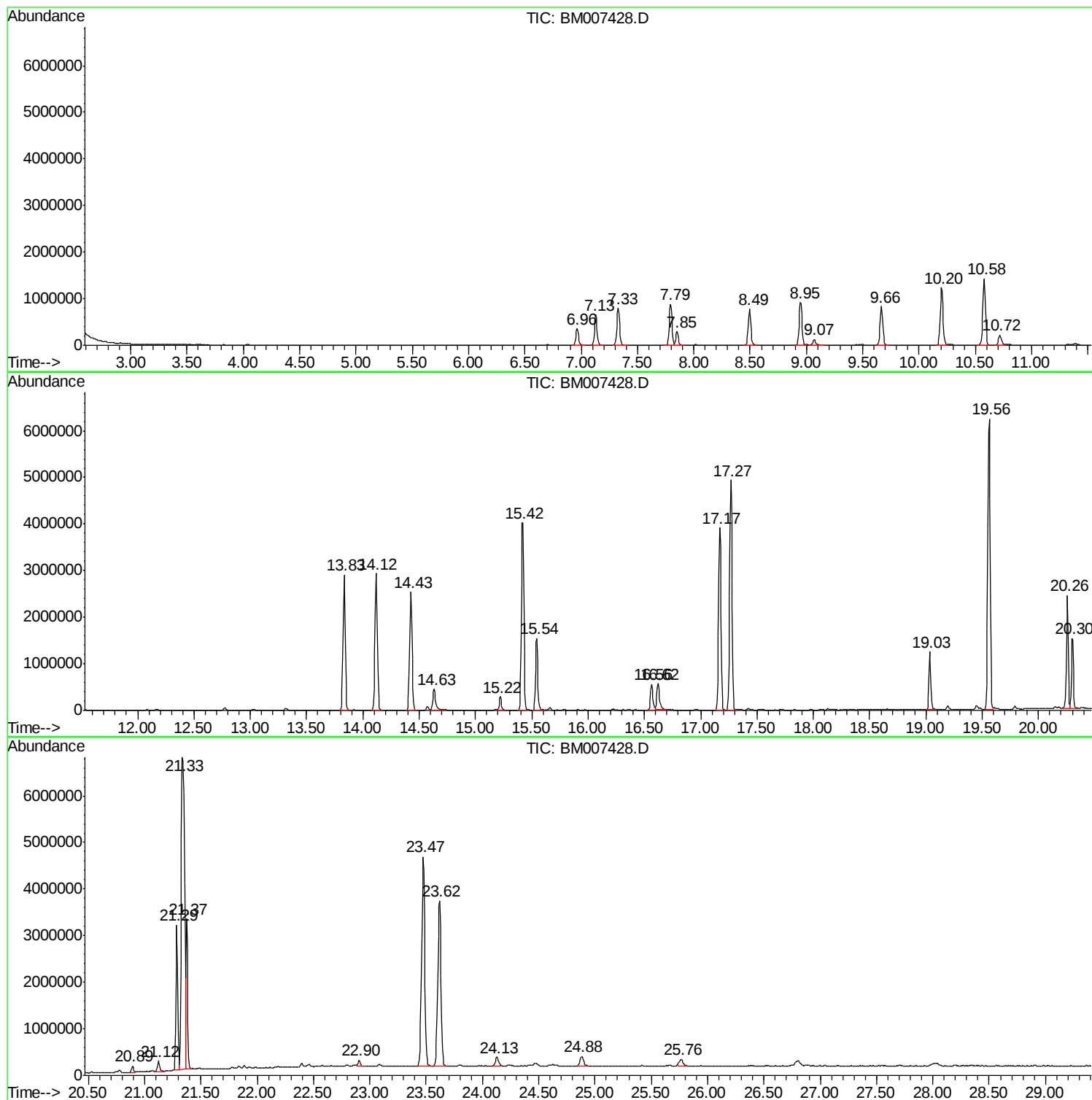
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Quant Title : SVOA CALIBRATION

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



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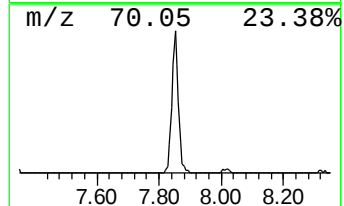
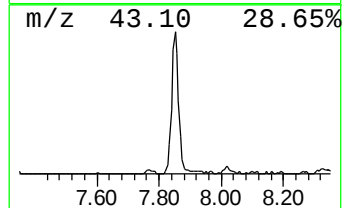
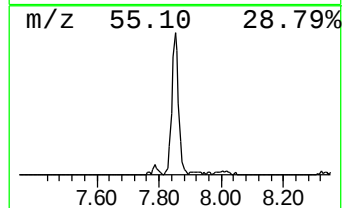
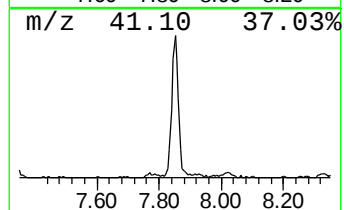
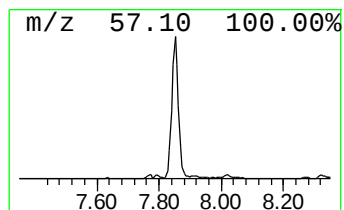
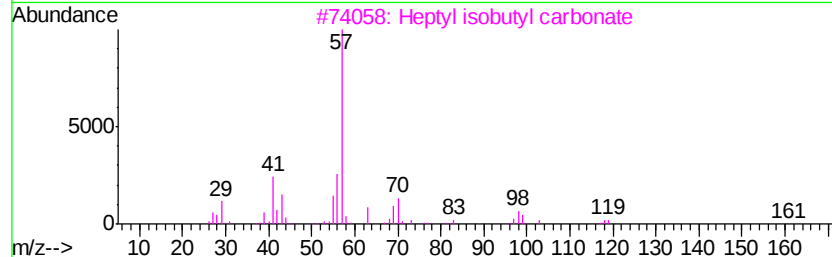
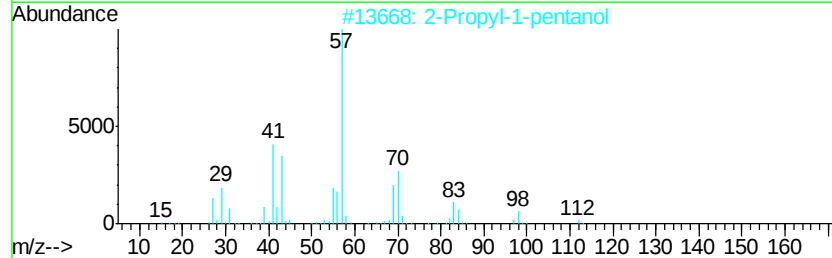
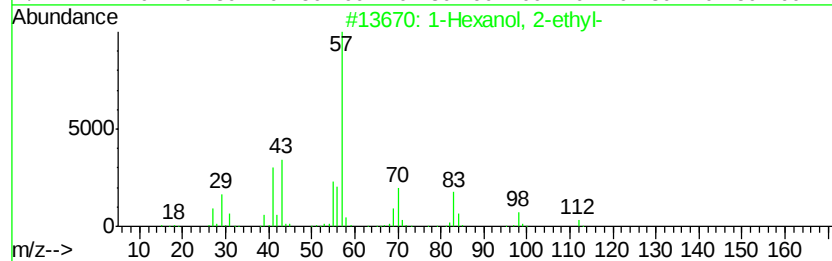
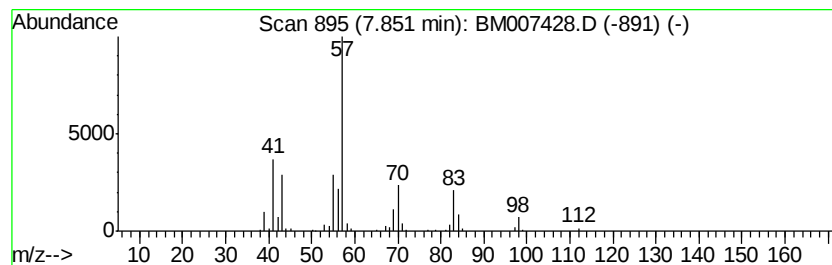
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	5.88 ng/ul	420306	1,4-Dichlorobenzene-d4	7.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2			2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53
3			Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	50
4			2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50
5			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50



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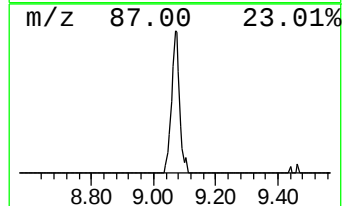
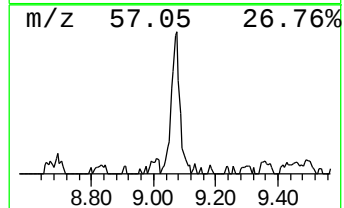
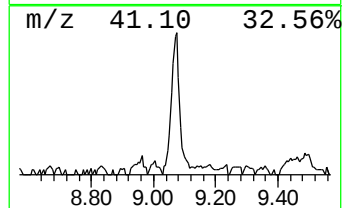
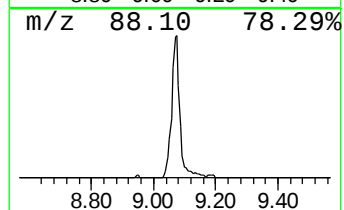
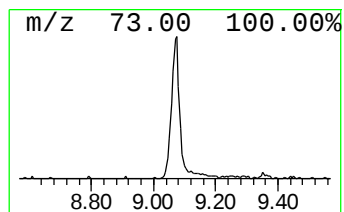
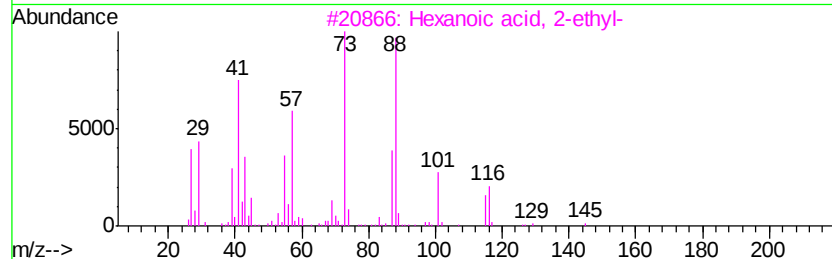
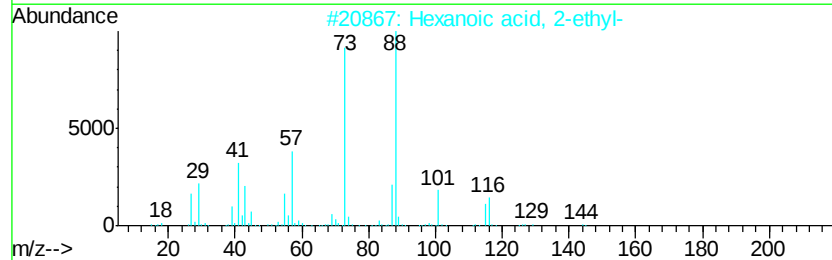
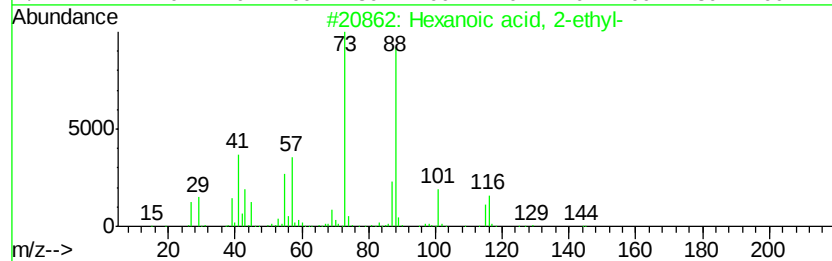
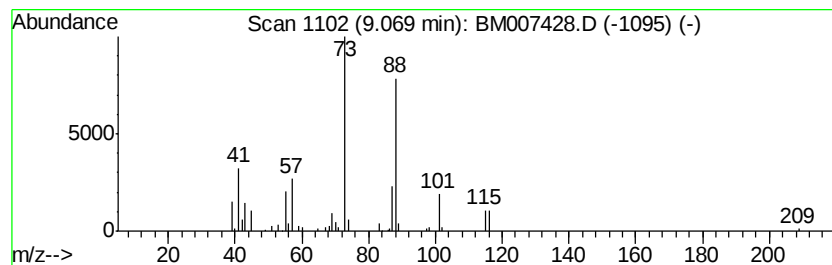
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Peak Number 2 Hexanoic acid, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	3.05 ng/ul	218201	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
2		Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
3		Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	50
4		Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	38
5		1,4-Dioxane	88	C4H8O2	000123-91-1	37



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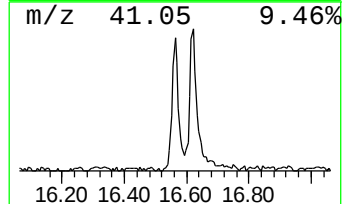
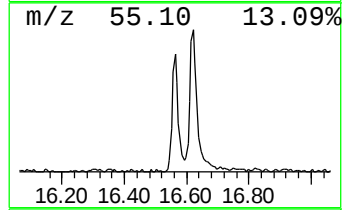
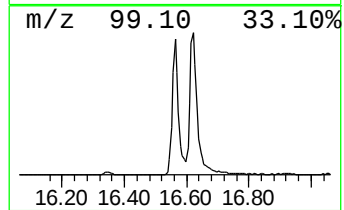
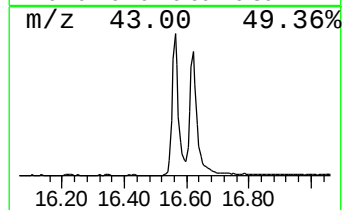
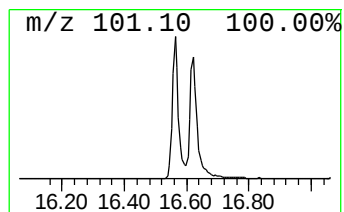
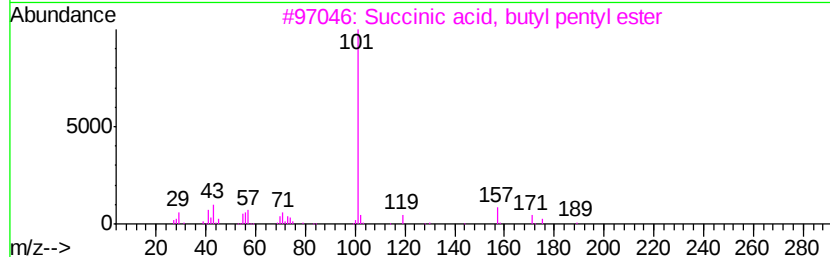
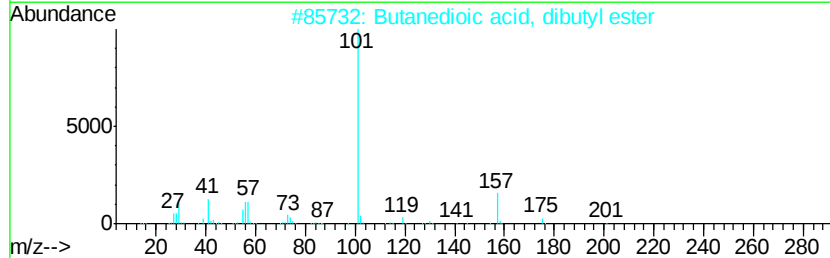
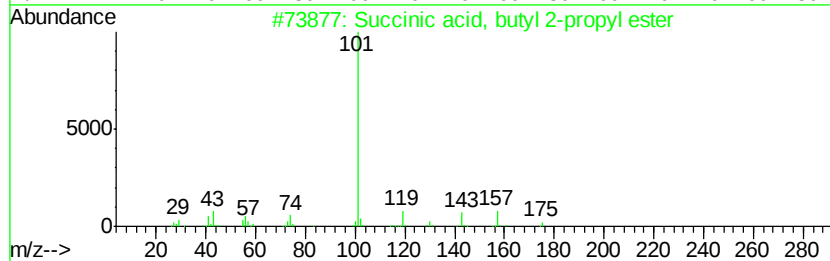
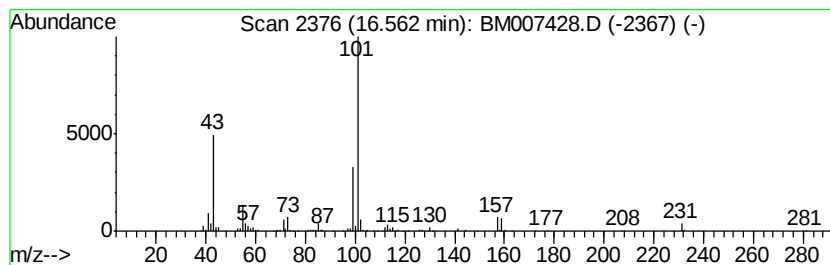
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Succinic acid, butyl 2-prop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	2.86 ng/ul	807178	Phenanthrene-d10	17.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Succinic acid, butyl 2-propyl ester	216	C11H20O4	1000325-01-9	53
2		Butanedioic acid, dibutyl ester	230	C12H22O4	000141-03-7	53
3		Succinic acid, butyl pentyl ester	244	C13H24O4	1000324-85-5	50
4		Butanedioic acid, dipropyl ester	202	C10H18O4	000925-15-5	50
5		Succinic acid, hexyl 2-propyl ester	244	C13H24O4	959261-26-8	50



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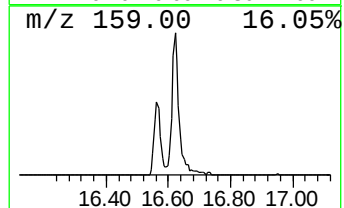
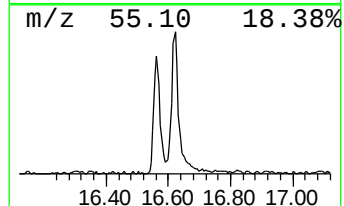
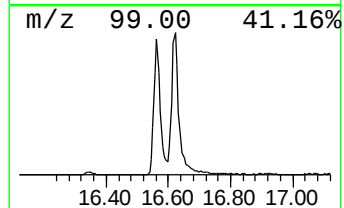
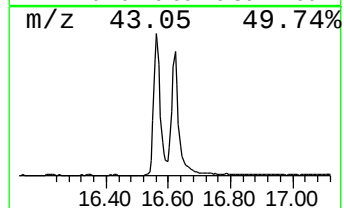
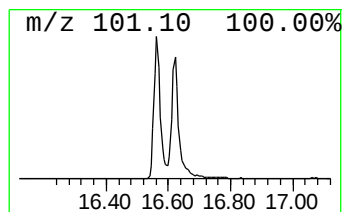
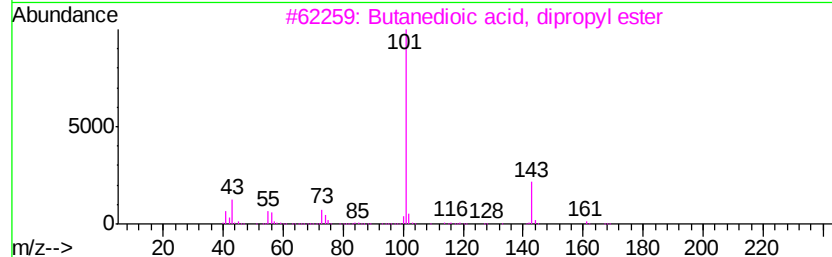
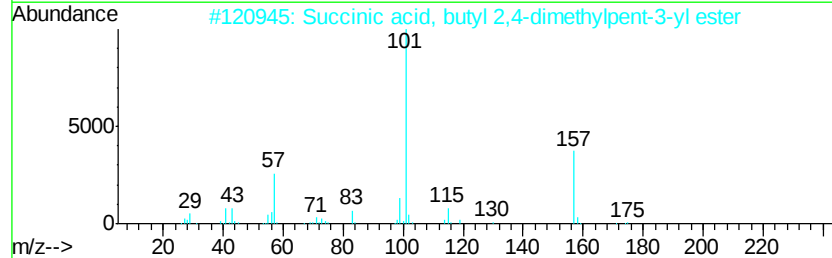
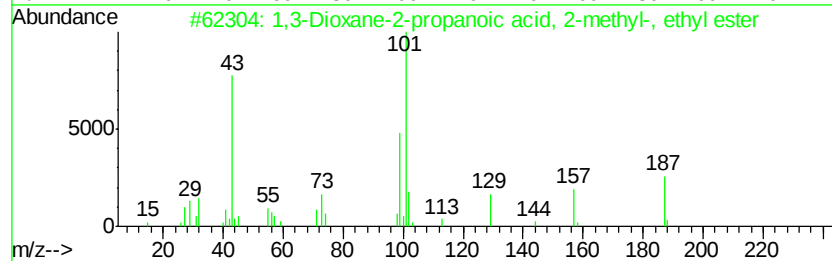
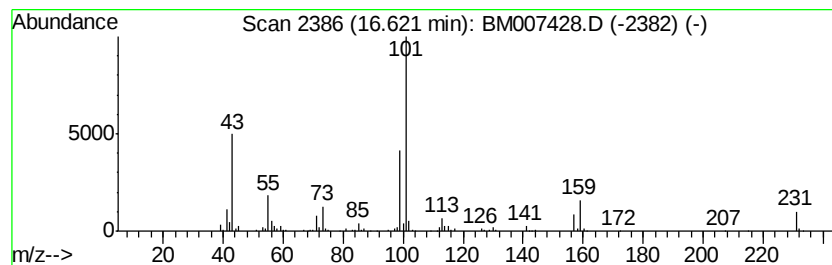
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Peak Number 4 1,3-Dioxane-2-propanoic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	3.21 ng/ul	905142	Phenanthrene-d10	17.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxane-2-propanoic acid, 2-...	202	C10H18O4		057197-36-1	50
2	Succinic acid, butyl 2,4-dimethy...	272	C15H28O4		1000349-35-6	47
3	Butanedioic acid, dipropyl ester	202	C10H18O4		000925-15-5	43
4	Succinic acid, isobutyl 2-pentyl...	244	C13H24O4		1000324-87-9	43
5	Succinic acid, butyl 2-propyl ester	216	C11H20O4		1000325-01-9	43



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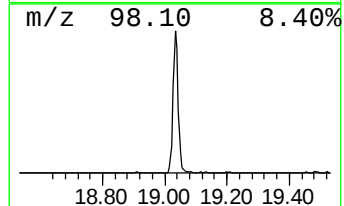
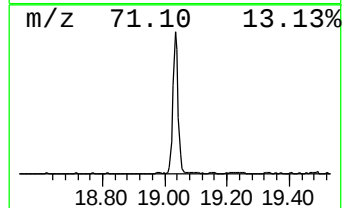
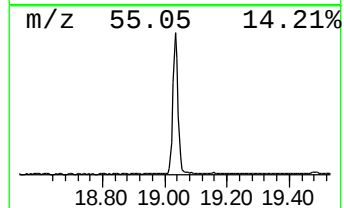
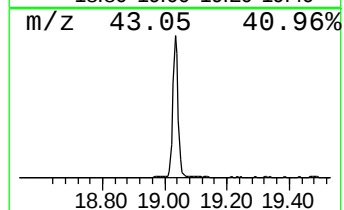
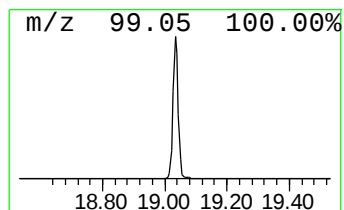
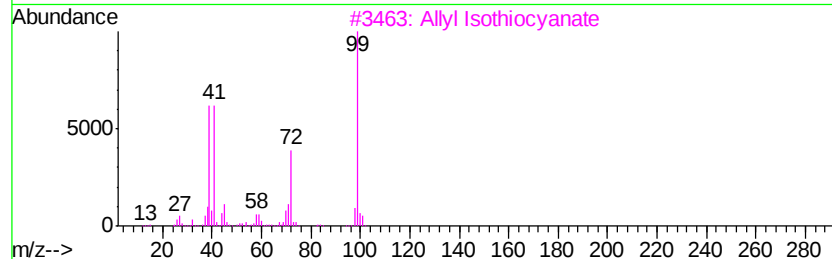
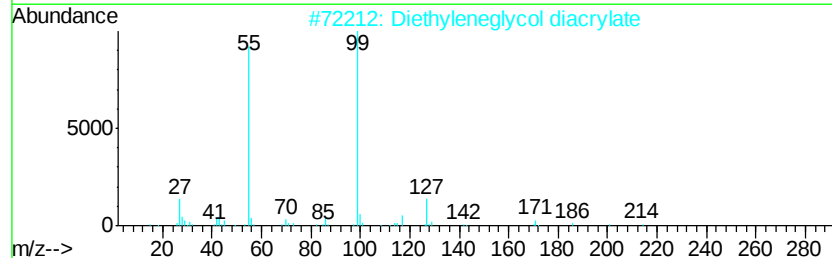
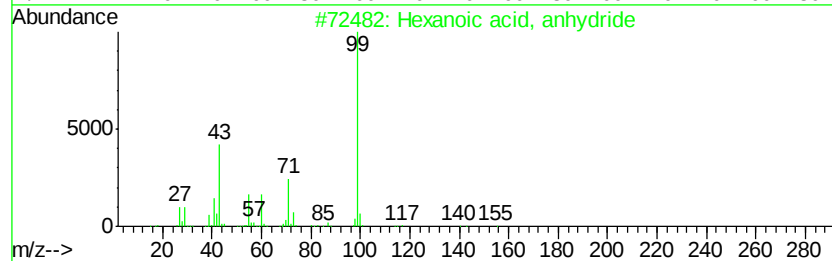
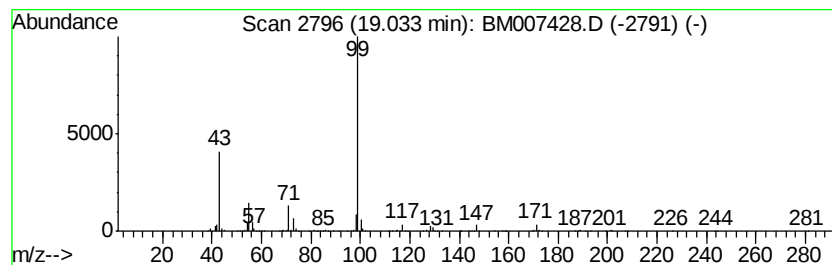
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Peak Number 5 Hexanoic acid, anhydride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	5.22 ng/ul	1474400	Phenanthrene-d10	17.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	56
2		Diethyleneglycol diacrylate	214	C10H14O5	004074-88-8	50
3		Allyl Isothiocyanate	99	C4H5NS	000057-06-7	40
4		Pentanoic acid, 4-oxo-, butyl ester	172	C9H16O3	002052-15-5	40
5		Pentanoic acid, 4-oxo-, butyl ester	172	C9H16O3	002052-15-5	40



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090616\
Data File : BM007428.D
Acq On : 06 Sep 2016 23:42
Operator : UM/SJ
Sample : H4674-11
Misc :
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Instrument :
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ClientSampleId :
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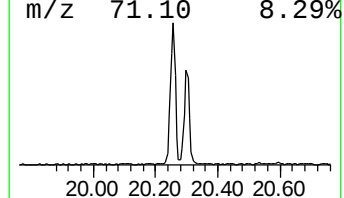
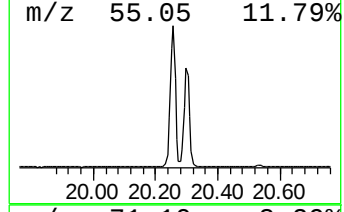
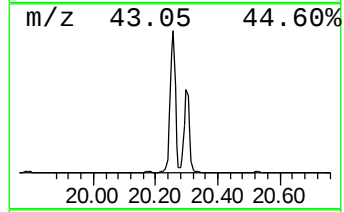
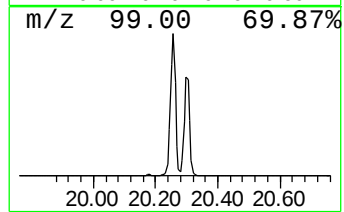
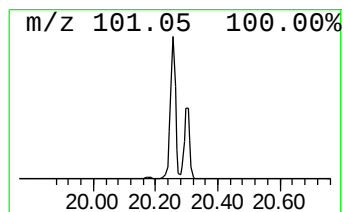
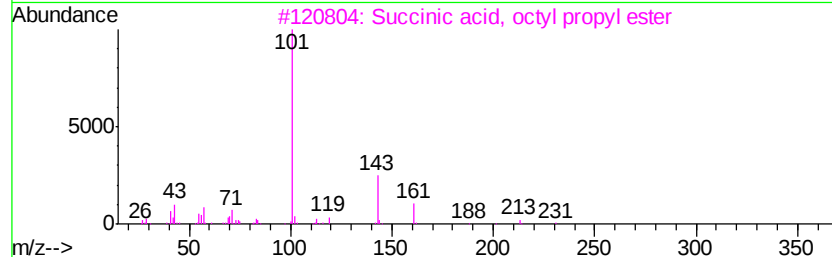
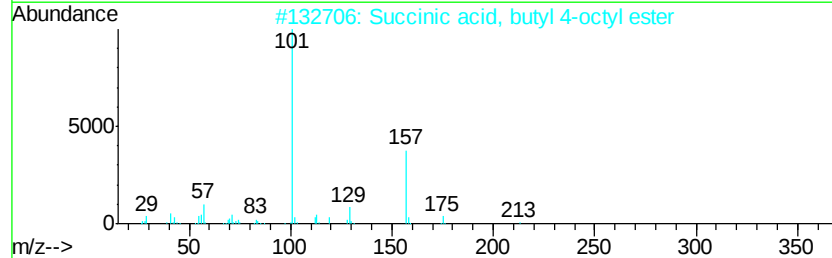
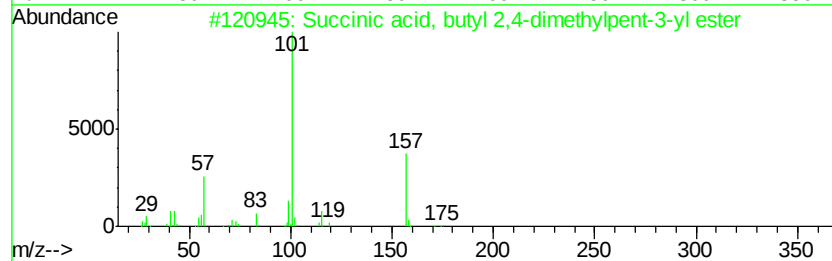
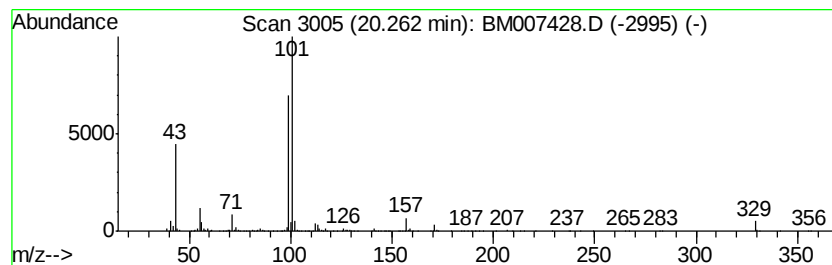
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Succinic acid, butyl 2,4-di... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	3.97 ng/ul	2762590	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Succinic acid, butyl 2,4-dimethy...	272	C15H28O4	1000349-35-6	50
2		Succinic acid, butyl 4-octyl ester	286	C16H30O4	1000325-05-6	47
3		Succinic acid, octyl propyl ester	272	C15H28O4	1000324-95-5	43
4		Butanedioic acid, 2,3-diethyl-, ...	202	C10H18O4	026474-32-8	43
5		Succinic acid, 2,2-dichloroethyl...	284	C11H18Cl2O4	1000370-89-7	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090616\
Data File : BM007428.D
Acq On : 06 Sep 2016 23:42
Operator : UM/SJ
Sample : H4674-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0042

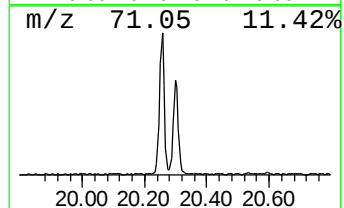
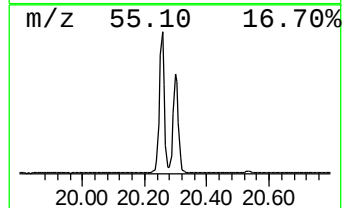
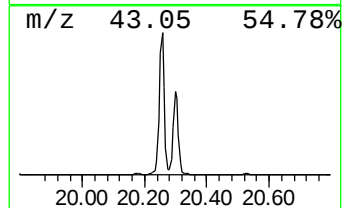
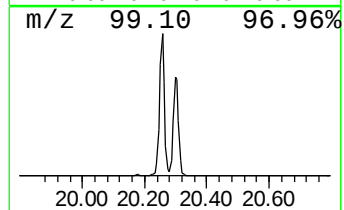
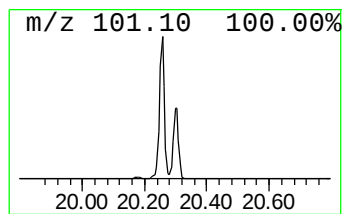
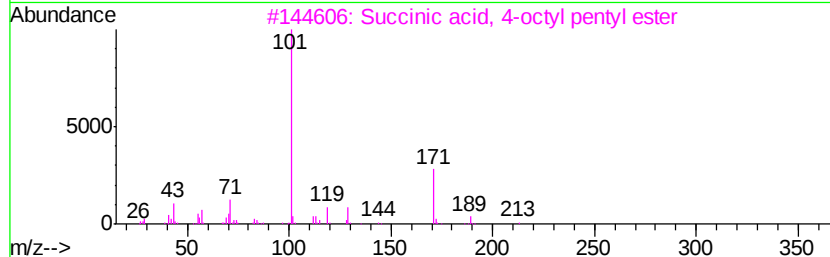
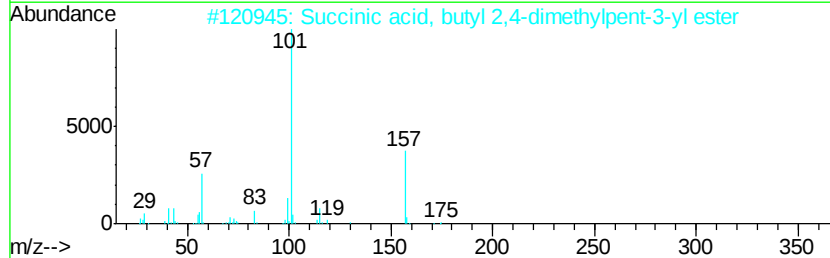
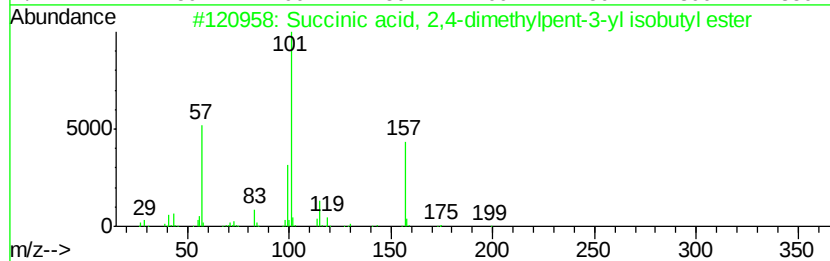
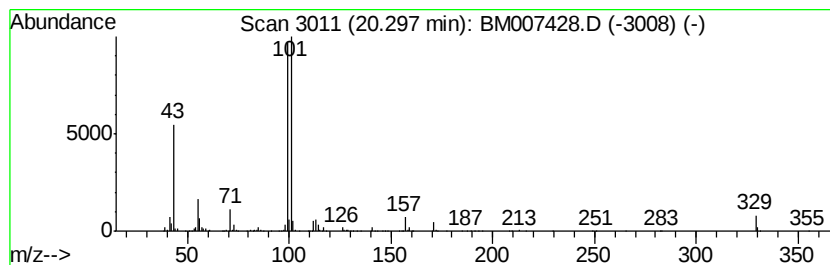
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	2.62 ng/ul	1826530	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Succinic acid, 2,4-dimethylpent-...	272	C15H28O4	1000349-29-9	43
2		Succinic acid, butyl 2,4-dimethy...	272	C15H28O4	1000349-35-6	38
3		Succinic acid, 4-octyl pentyl ester	300	C17H32O4	1000324-87-7	38
4		4-Butyl-1,3-thiazole	141	C7H11NS	053833-33-3	35
5		Succinic acid, butyl 3-oxobut-2-...	244	C12H20O5	1000349-57-9	35



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090616\
Data File : BM007428.D
Acq On : 06 Sep 2016 23:42
Operator : UM/SJ
Sample : H4674-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

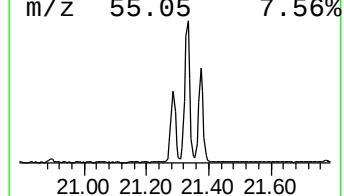
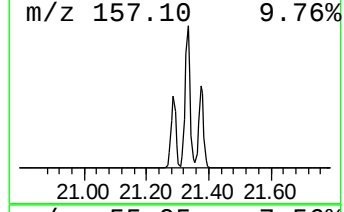
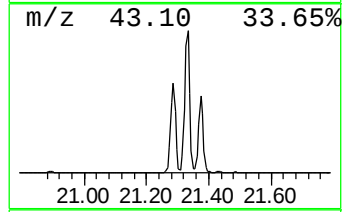
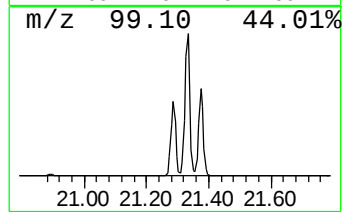
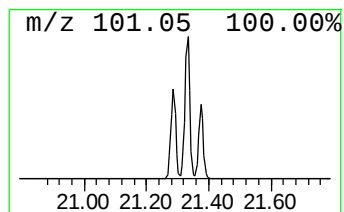
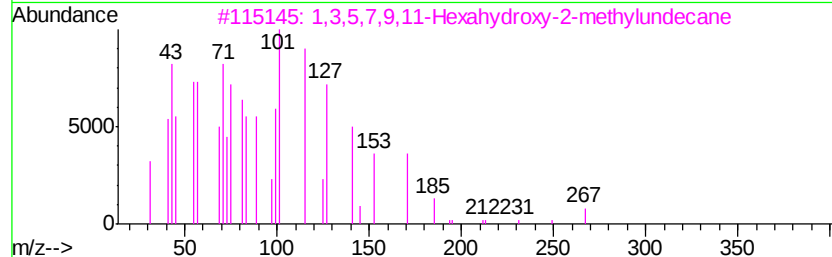
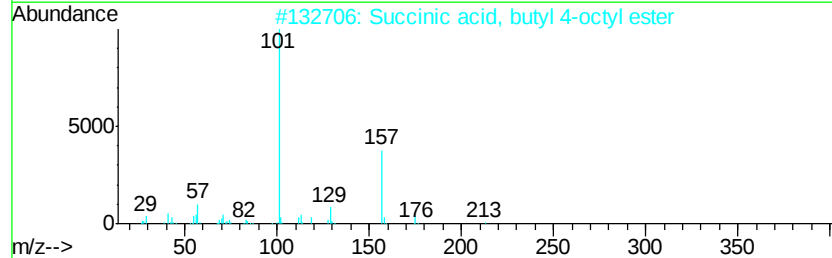
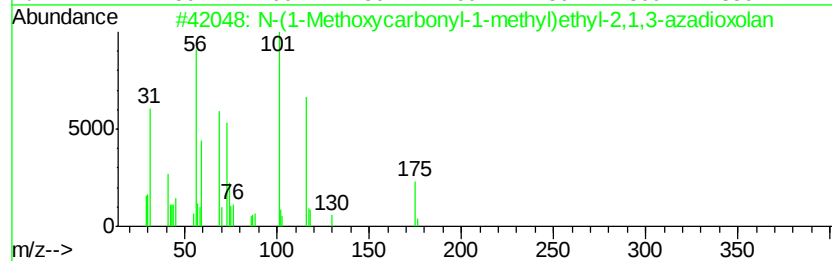
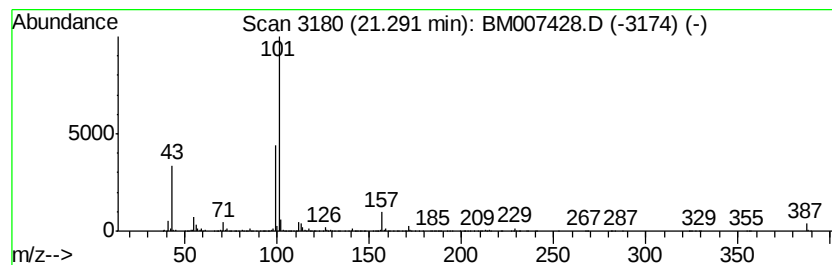
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	4.89 ng/ul	3407140	Chrysene-d12	21.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		N-(1-Methoxycarbonyl-1-methyl)et...	175 C7H13NO4	076170-92-8 46
2		Succinic acid, butyl 4-octyl ester	286 C16H30O4	1000325-05-6 40
3		1,3,5,7,9,11-Hexahydroxy-2-methy...	266 C12H26O6	085888-01-3 39
4		Succinic acid, isobutyl 2-pentyl...	244 C13H24O4	1000324-87-9 38
5		Butanedioic acid, 2,3-diethyl-, ...	202 C10H18O4	026474-32-8 37



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090616\
Data File : BM007428.D
Acq On : 06 Sep 2016 23:42
Operator : UM/SJ
Sample : H4674-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0042

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.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
1-Hexanol, 2-ethyl-	7.85	5.9	ng/ul	420306	1	7.79	1430280	20.0
Hexanoic acid, 2-...	9.07	3.0	ng/ul	218201	1	7.79	1430280	20.0
Succinic acid, bu...	16.56	2.9	ng/ul	807178	4	17.17	5643770	20.0
1,3-Dioxane-2-pro...	16.62	3.2	ng/ul	905142	4	17.17	5643770	20.0
Hexanoic acid, an...	19.03	5.2	ng/ul	1474400	4	17.17	5643770	20.0
Succinic acid, bu...	20.26	4.0	ng/ul	2762590	5	21.35	13928500	20.0
unknown-01	20.30	2.6	ng/ul	1826530	5	21.35	13928500	20.0
unknown-02	21.29	4.9	ng/ul	3407140	5	21.35	13928500	20.0