

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
 Data File : BN000113.D
 Acq On : 19 Feb 2018 17:03
 Operator : JU/SJ
 Sample : J1573-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-1R

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % 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_N\METHODS\8270-BN020718.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.234	37	42	51	rBV	394918	760954	1.21%	0.224%
2	3.317	51	56	72	rVB	3256962	5218075	8.29%	1.537%
3	3.928	155	160	179	rVB	2211529	3636632	5.78%	1.071%
4	4.217	205	209	216	rVV	431129	659169	1.05%	0.194%
5	4.705	286	292	299	rBV2	586533	1164276	1.85%	0.343%
6	4.770	299	303	306	rVV	495694	807889	1.28%	0.238%
7	4.811	306	310	323	rVB	1236188	1955637	3.11%	0.576%
8	5.552	430	436	444	rVB	1081007	1917389	3.05%	0.565%
9	5.934	493	501	511	rVB2	4036811	6908197	10.98%	2.035%
10	7.581	775	781	796	rBV2	2808249	5617333	8.93%	1.654%
11	7.699	796	801	806	rVV	1062421	1639821	2.61%	0.483%
12	7.875	813	831	841	rBV	946199	3186656	5.07%	0.939%
13	7.975	841	848	858	rVV	8205641	14234622	22.63%	4.193%
14	8.187	878	884	894	rVB	727693	1171979	1.86%	0.345%
15	8.458	923	930	933	rBV	2022750	3656838	5.81%	1.077%
16	8.487	933	935	940	rVB	1714924	2124222	3.38%	0.626%
17	8.540	940	944	952	rVB	3238964	5206544	8.28%	1.534%
18	8.787	953	986	991	rBV	9729058	29477712	46.86%	8.682%
19	8.840	991	995	1000	rBV	2786025	5091190	8.09%	1.500%
20	9.016	1021	1025	1035	rVB	461028	896318	1.42%	0.264%
21	9.105	1035	1040	1045	rBV2	455269	706989	1.12%	0.208%
22	9.252	1058	1065	1073	rBV2	487104	944649	1.50%	0.278%
23	9.640	1098	1131	1138	rBV2	12603613	62907712	100.00%	18.528%
24	9.858	1164	1168	1174	rVB4	663783	1096168	1.74%	0.323%
25	9.922	1175	1179	1190	rVB7	311298	712451	1.13%	0.210%
26	10.105	1205	1210	1217	rVB	591076	952223	1.51%	0.280%
27	10.199	1220	1226	1229	rVV3	870339	1555853	2.47%	0.458%
28	10.246	1229	1234	1236	rVV	1910767	3515998	5.59%	1.036%
29	10.281	1236	1240	1246	rVV2	5683093	9682728	15.39%	2.852%
30	10.546	1281	1285	1297	rVB3	587919	1416637	2.25%	0.417%
31	10.681	1297	1308	1316	rBV	1584849	3038044	4.83%	0.895%
32	10.899	1340	1345	1350	rVB	447920	695907	1.11%	0.205%
33	10.981	1351	1359	1367	rVB5	396236	890643	1.42%	0.262%
34	11.299	1403	1413	1419	rBV	3254477	6222005	9.89%	1.833%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	11.410	1426	1432	1438	rBV2	1225186	2163239	3.44%	0.637%
36	11.499	1443	1447	1453	rVV2	328973	644780	1.02%	0.190%
37	11.563	1453	1458	1462	rVV3	623438	1276388	2.03%	0.376%
38	11.605	1462	1465	1471	rVV3	512905	875565	1.39%	0.258%
39	11.705	1472	1482	1488	rVB6	198876	721143	1.15%	0.212%
40	11.793	1489	1497	1506	rVV3	316891	826028	1.31%	0.243%
41	11.957	1516	1525	1537	rVB	2143884	4428999	7.04%	1.304%
42	12.728	1649	1656	1663	rBV4	540741	1498940	2.38%	0.441%
43	13.134	1719	1725	1729	rBV2	1013153	1555022	2.47%	0.458%
44	13.293	1747	1752	1757	rBV3	394980	635428	1.01%	0.187%
45	13.416	1766	1773	1781	rVB3	513926	1141410	1.81%	0.336%
46	13.699	1812	1821	1828	rVV	17979134	28179679	44.80%	8.300%
47	14.504	1954	1958	1965	rBV	730730	1106401	1.76%	0.326%
48	14.934	2026	2031	2037	rBV2	488902	884348	1.41%	0.260%
49	15.069	2048	2054	2061	rVB2	5086346	7758454	12.33%	2.285%
50	15.357	2098	2103	2110	rBV	681176	1508593	2.40%	0.444%
51	15.669	2149	2156	2166	rBV6	448308	1006498	1.60%	0.296%
52	15.869	2188	2190	2195	rVB	616663	698906	1.11%	0.206%
53	15.945	2198	2203	2211	rVB	930369	1368553	2.18%	0.403%
54	16.540	2297	2304	2322	rVB	13511726	20095407	31.94%	5.919%
55	17.787	2510	2516	2523	rBV2	6615359	9255064	14.71%	2.726%
56	18.628	2655	2659	2670	rBV	1828105	2975134	4.73%	0.876%
57	19.881	2867	2872	2883	rBV	1059457	1745185	2.77%	0.514%
58	20.351	2946	2952	2964	rBV	26385813	34728667	55.21%	10.229%
59	21.575	3156	3160	3170	rBV	528451	977174	1.55%	0.288%
60	21.904	3210	3216	3226	rVB	8131860	10716529	17.04%	3.156%
61	24.386	3630	3638	3650	rVB2	5392999	11078619	17.61%	3.263%

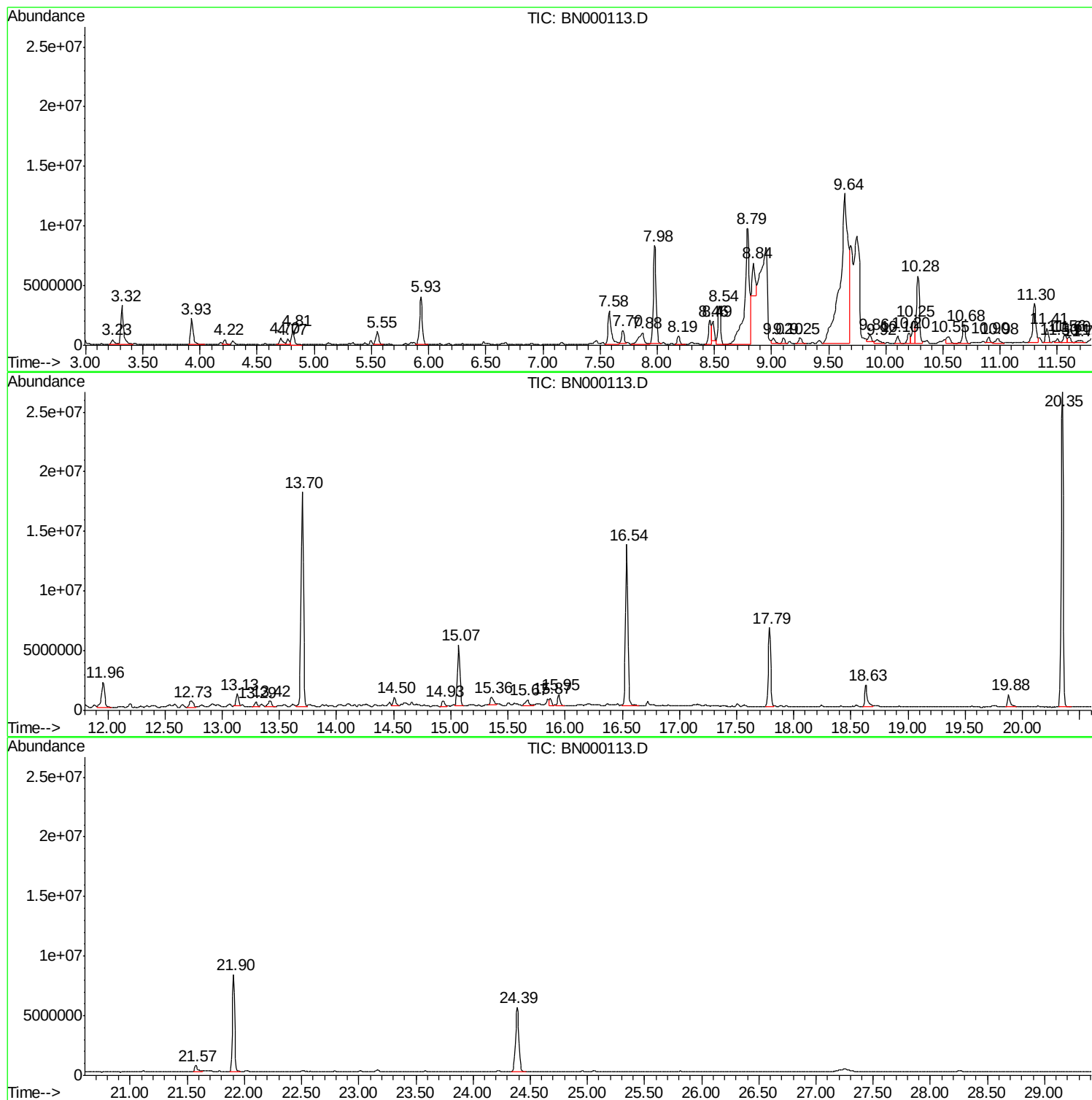
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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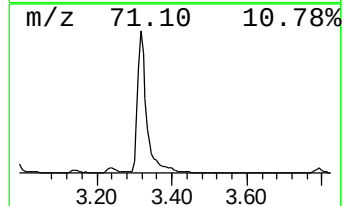
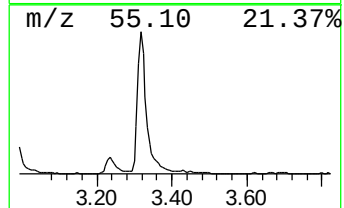
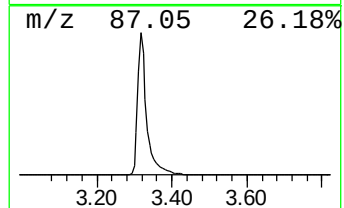
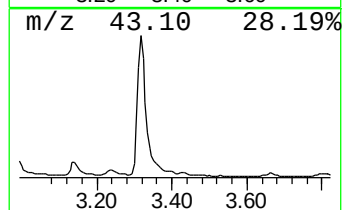
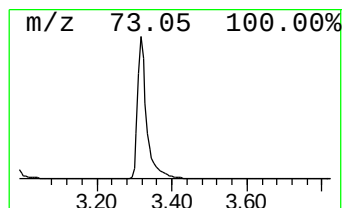
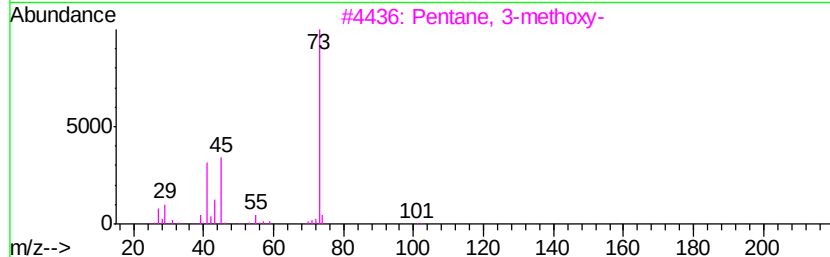
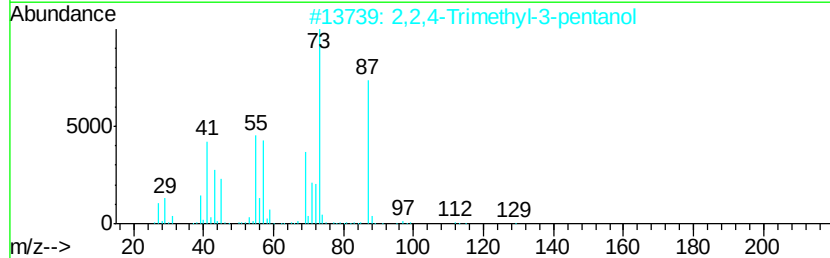
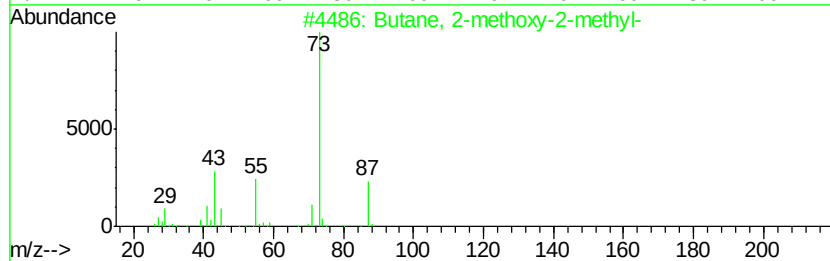
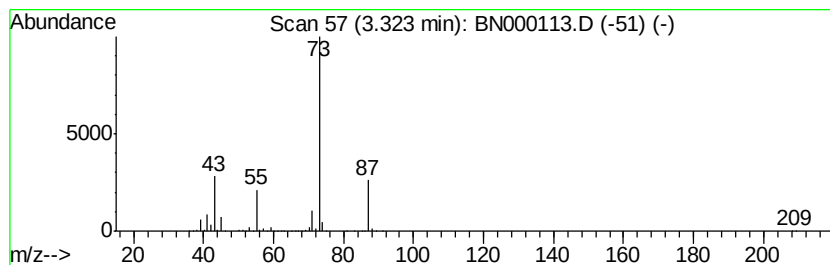
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.32	28.54 ng	5218080	1,4-Dichlorobenzene-d4	8.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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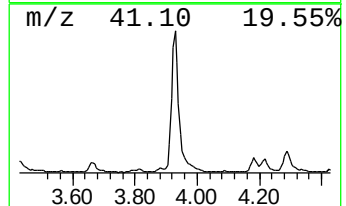
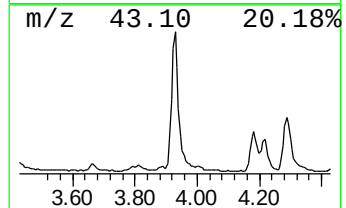
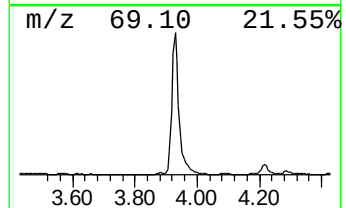
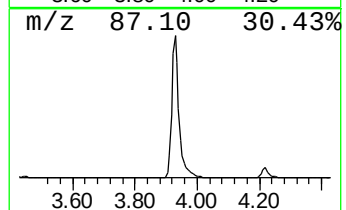
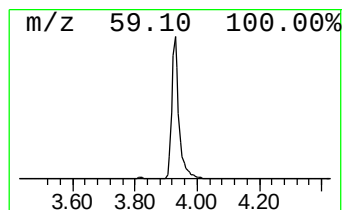
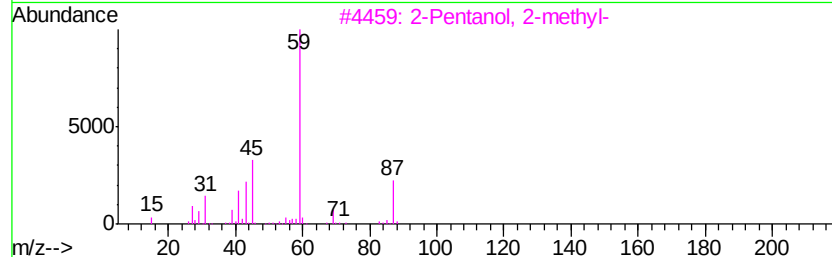
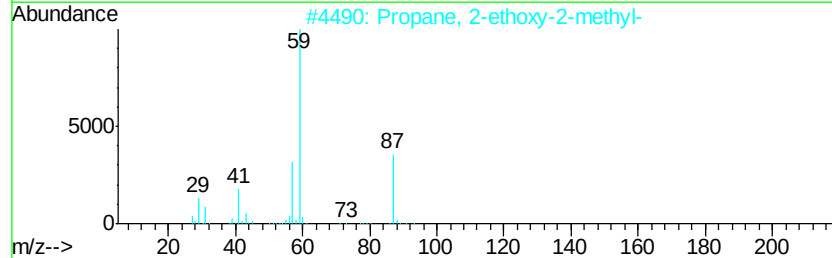
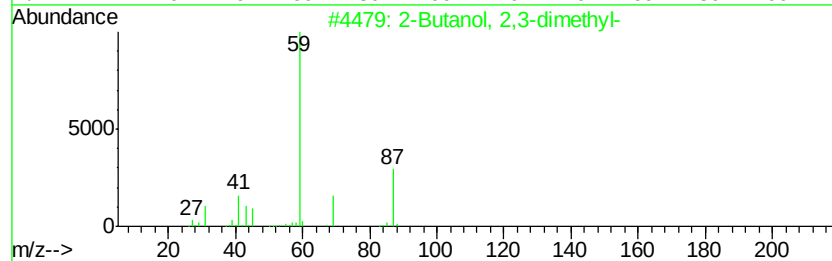
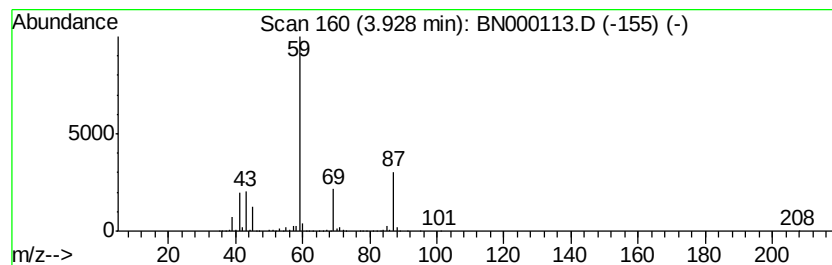
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Butanol, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.93	19.89 ng	3636630	1,4-Dichlorobenzene-d4	8.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	83
2		Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	64
3		2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	56
4		3-Heptanol	116	C7H16O	000589-82-2	40
5		2-Decanol, methyl ether	172	C11H24O	1000333-83-9	36



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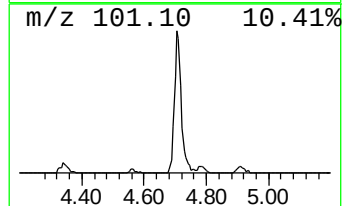
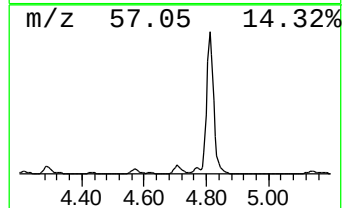
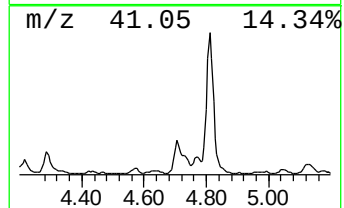
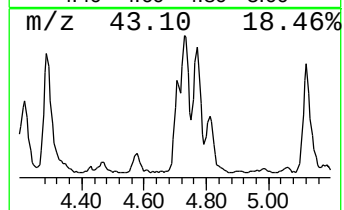
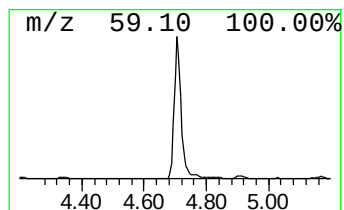
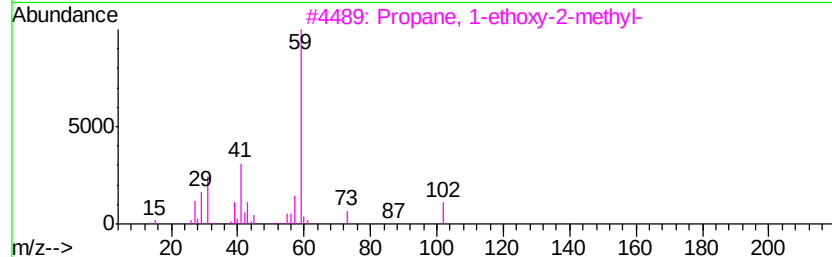
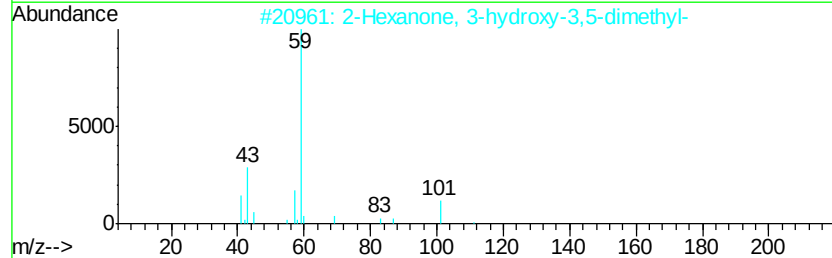
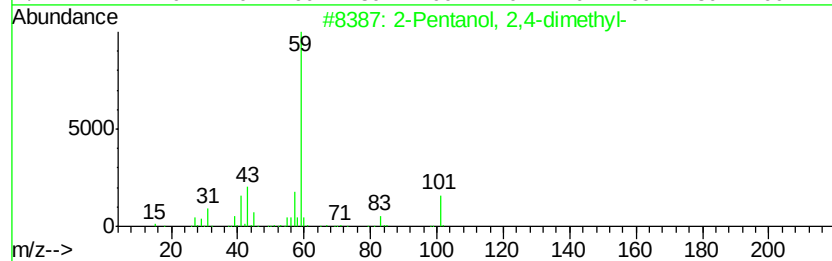
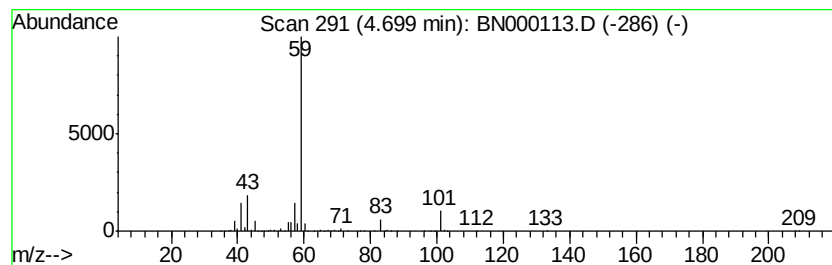
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanol, 2,4-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	6.37 ng	1164280	1,4-Dichlorobenzene-d4	8.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	83
2			2-Hexanone, 3-hydroxy-3,5-dimethyl-	144	C8H16O2	006321-14-8	78
3			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	72
4			2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	72
5			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	56



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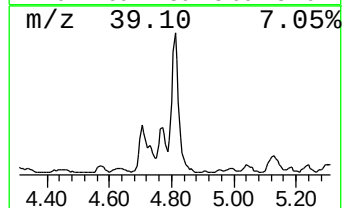
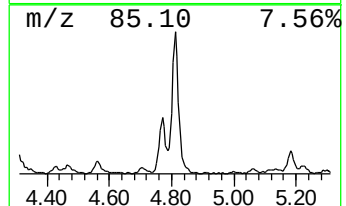
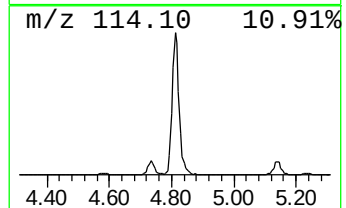
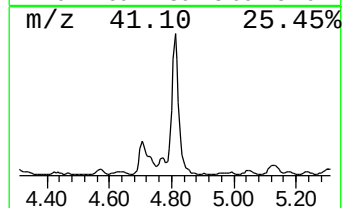
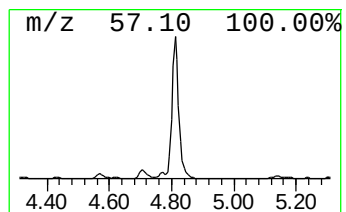
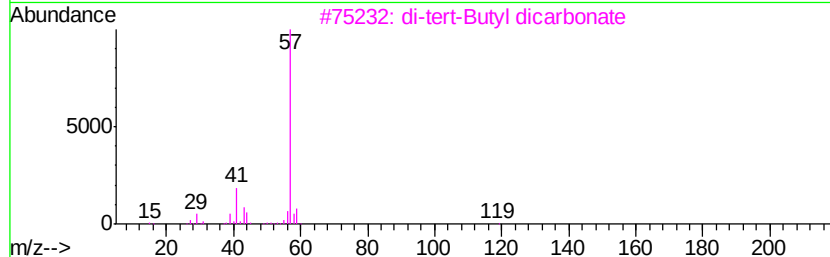
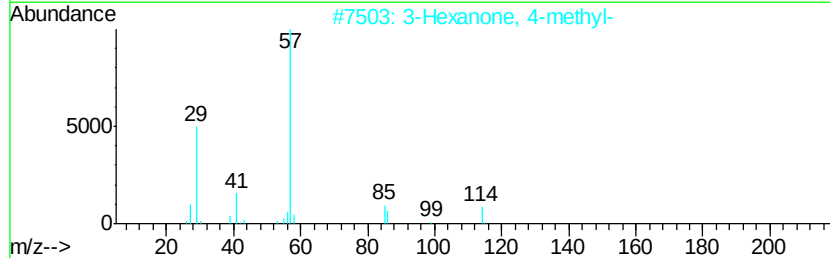
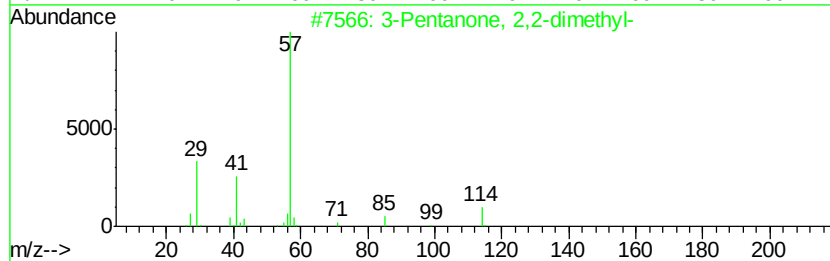
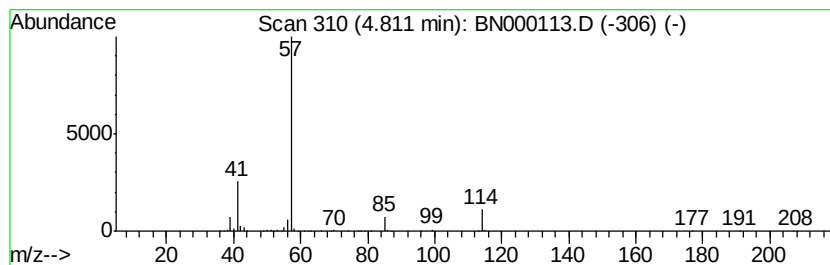
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 3-Pentanone, 2,2-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	10.70 ng	1955640	1,4-Dichlorobenzene-d4	8.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Pentanone, 2,2-dimethyl-	114	C7H14O	000564-04-5	72
2		3-Hexanone, 4-methyl-	114	C7H14O	017042-16-9	59
3		di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	47
4		3,4-Hexanedione	114	C6H10O2	004437-51-8	38
5		3-Heptanone	114	C7H14O	000106-35-4	9



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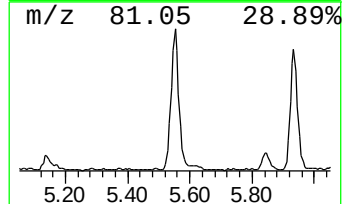
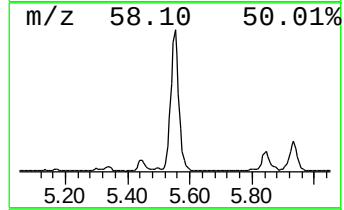
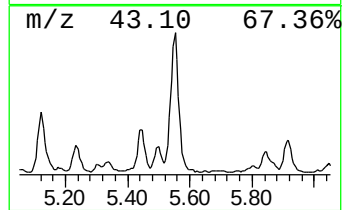
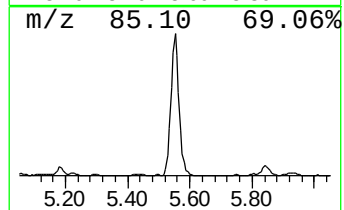
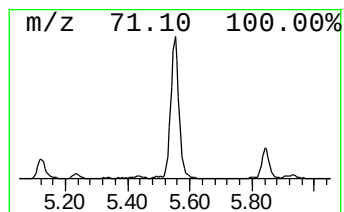
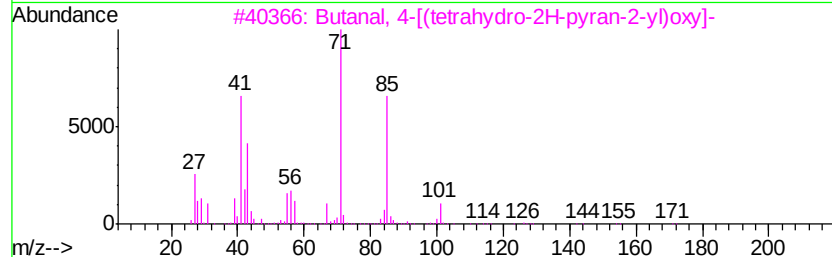
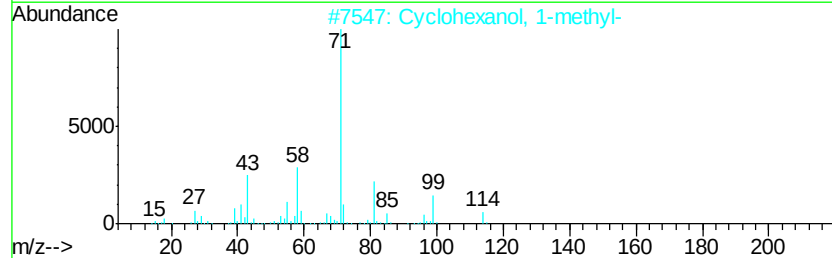
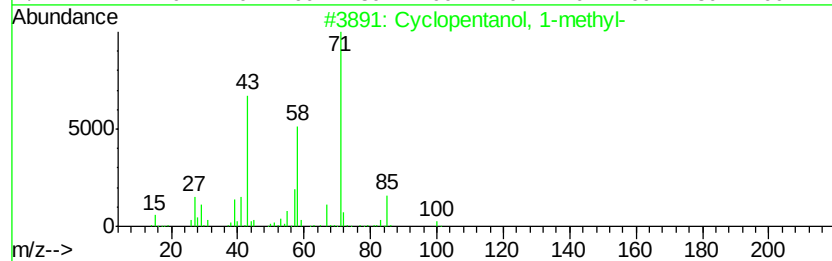
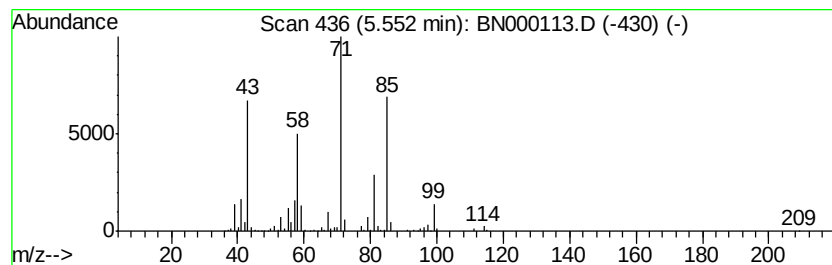
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclopentanol, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.55	10.49 ng	1917390	1,4-Dichlorobenzene-d4	8.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	59
2		Cyclohexanol, 1-methyl-	114	C7H14O	000590-67-0	59
3		Butanal, 4-[(tetrahydro-2H-pyran...	172	C9H16O3	054911-85-2	53
4		2-Hexene, 1-methoxy-, (E)-	114	C7H14O	056052-83-6	43
5		Butyric acid, 2,2-dimethyl-, vin...	142	C8H14O2	013170-00-8	38



Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
Data File : BN000113.D
Acq On : 19 Feb 2018 17:03
Operator : JU/SJ
Sample : J1573-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-1R

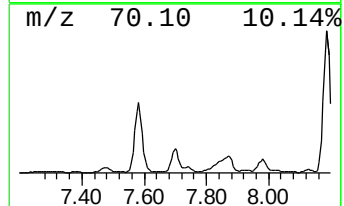
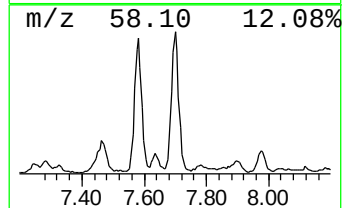
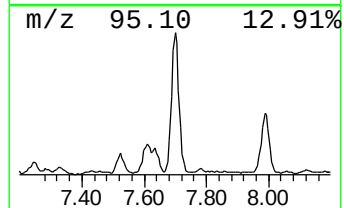
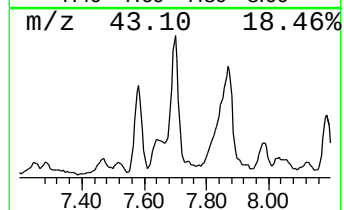
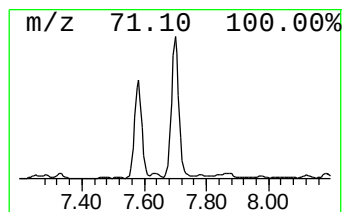
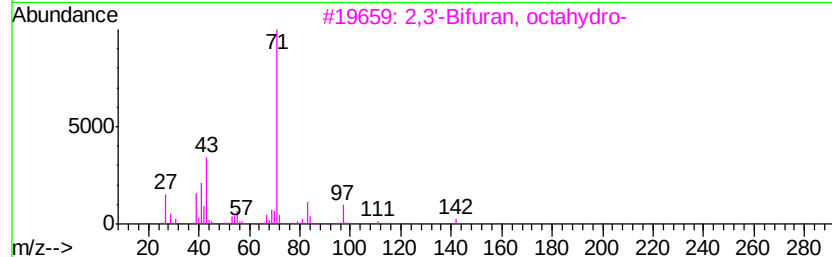
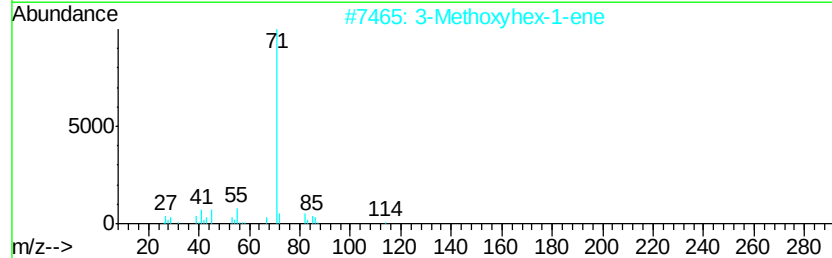
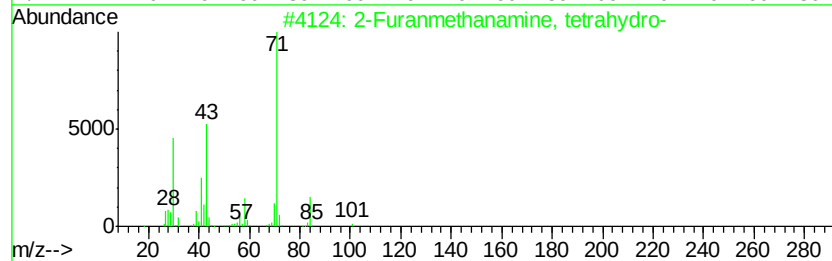
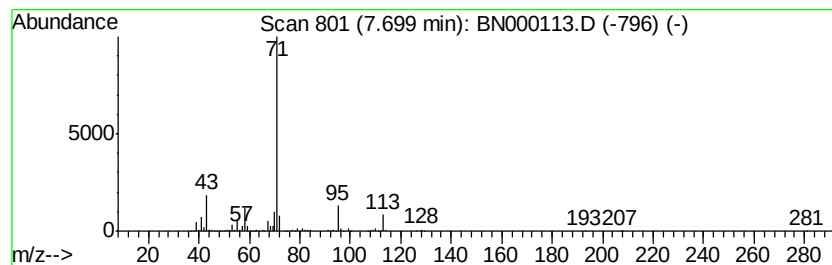
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2-Furanmethanamine, tetrahy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	8.97 ng	1639820	1,4-Dichlorobenzene-d4	8.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Furanmethanamine, tetrahydro-	101	C5H11NO	004795-29-3	50
2		3-Methoxyhex-1-ene	114	C7H14O	108811-41-2	50
3		2,3'-Bifuran, octahydro-	142	C8H14O2	073373-15-6	38
4		trans-2-Methyl-4-hexen-3-ol	114	C7H14O	096346-76-8	36
5		Cyclopentanecarboxylic acid, 2-t...	198	C11H18O3	1000282-42-9	36



Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
Data File : BN000113.D
Acq On : 19 Feb 2018 17:03
Operator : JU/SJ
Sample : J1573-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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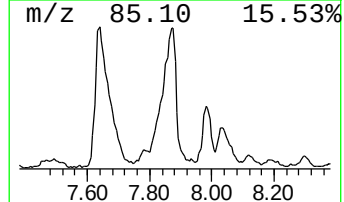
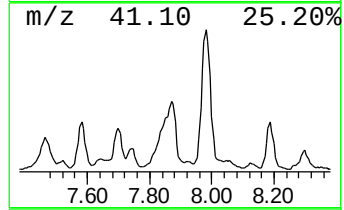
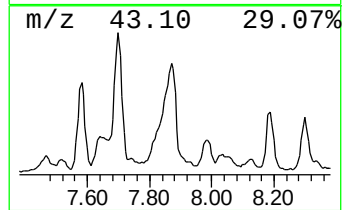
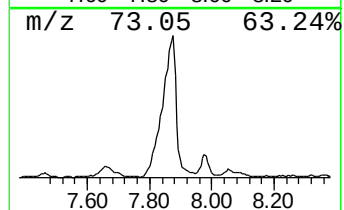
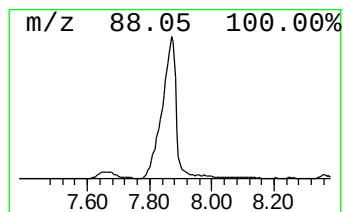
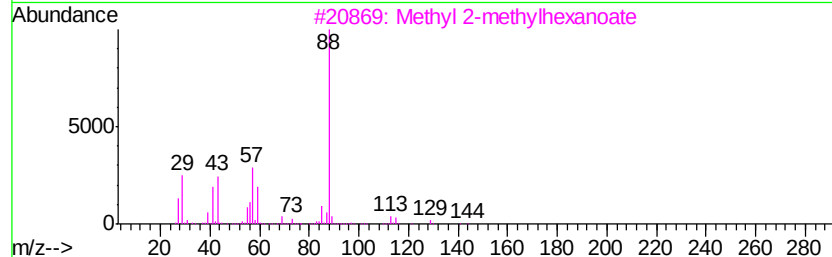
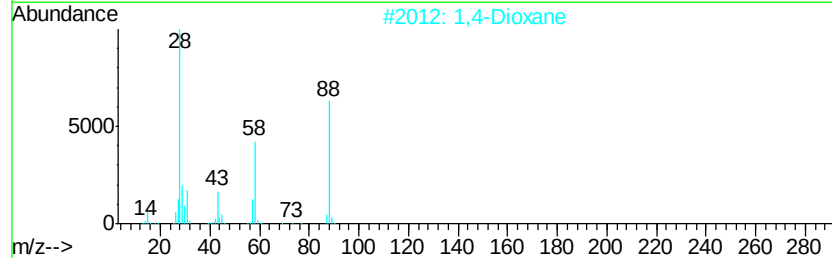
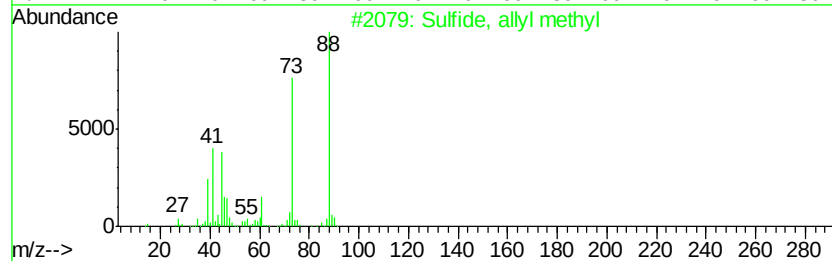
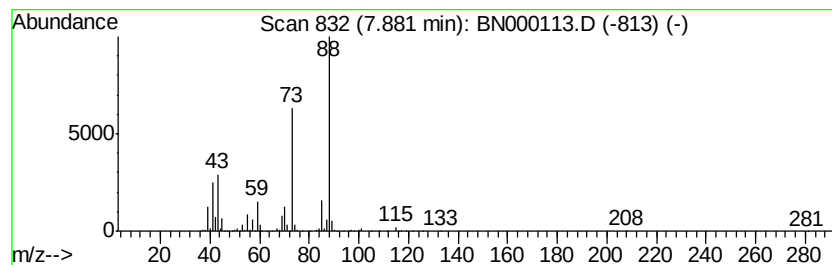
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Sulfide, allyl methyl Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	17.43 ng	3186660	1,4-Dichlorobenzene-d4	8.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfide, allvl methyl	88	C4H8S	010152-76-8	53
2		1,4-Dioxane	88	C4H8O2	000123-91-1	50
3		Methyl 2-methylhexanoate	144	C8H16O2	002177-81-3	50
4		Pentanoic acid, 2-methyl-, methyl...	130	C7H14O2	002177-77-7	42
5		Methyl propionate	88	C4H8O2	000554-12-1	40



Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
Data File : BN000113.D
Acq On : 19 Feb 2018 17:03
Operator : JU/SJ
Sample : J1573-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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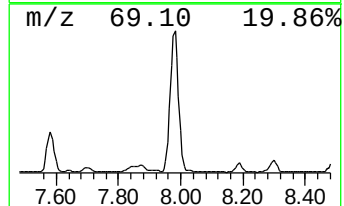
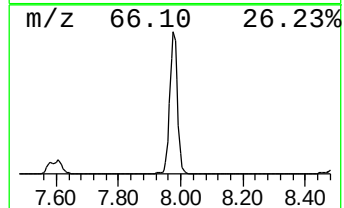
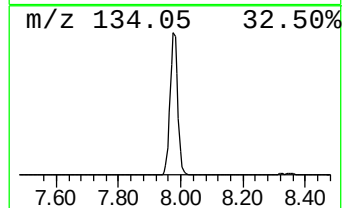
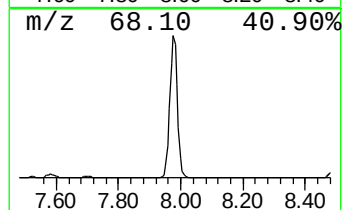
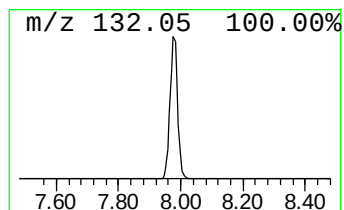
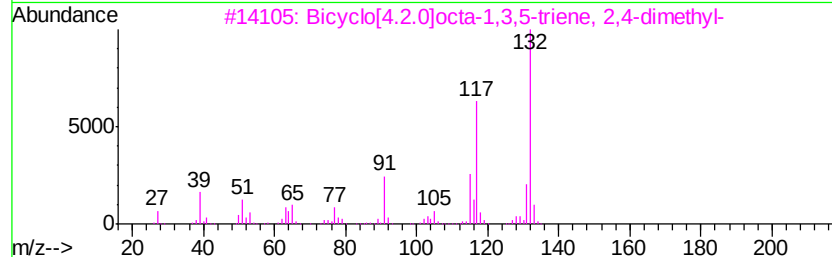
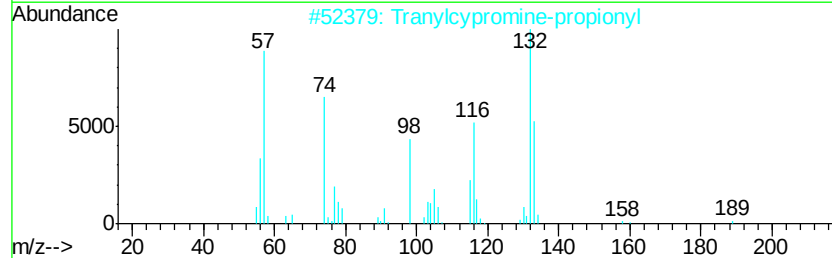
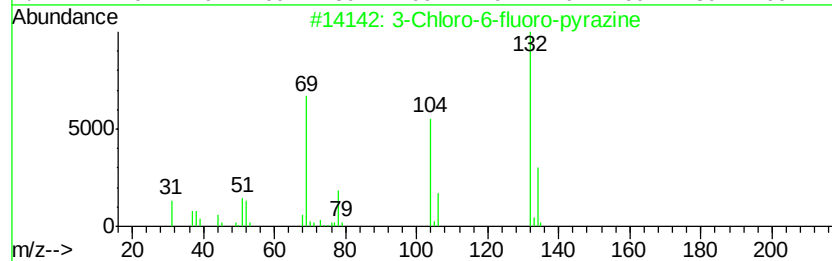
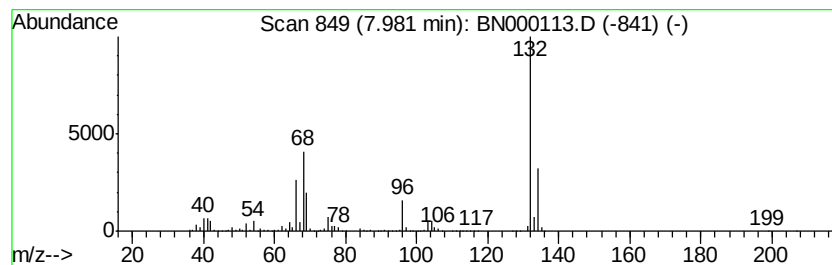
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown7.98 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	77.85 ng	14234600	1,4-Dichlorobenzene-d4	8.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
Data File : BN000113.D
Acq On : 19 Feb 2018 17:03
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Sample : J1573-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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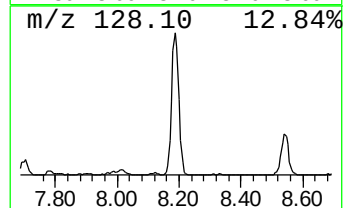
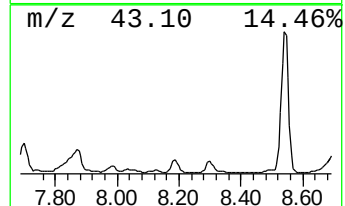
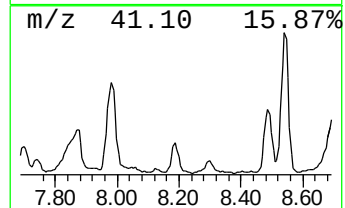
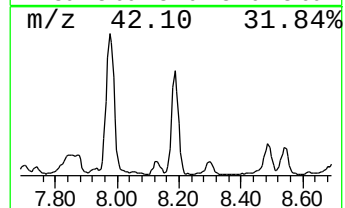
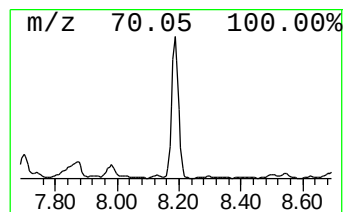
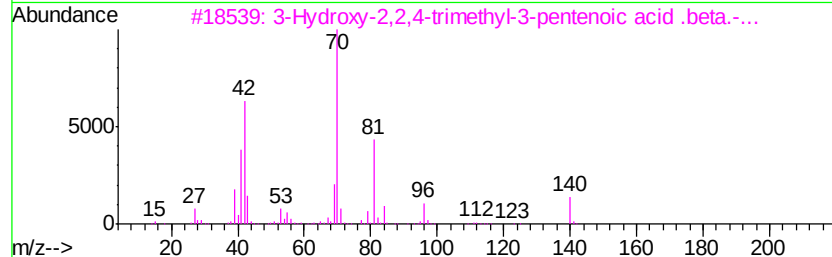
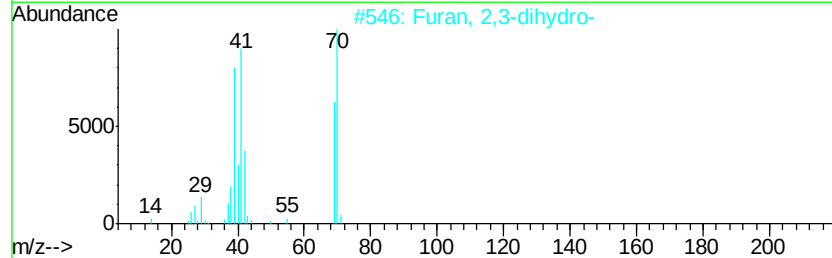
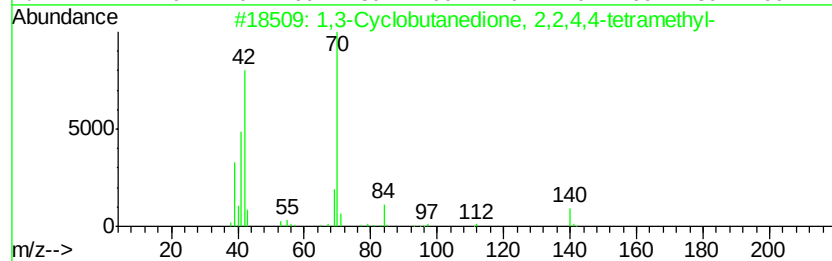
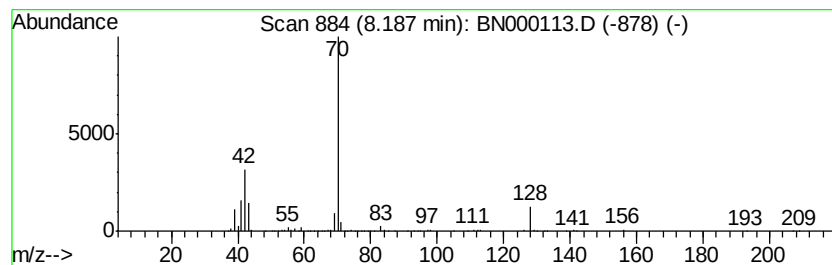
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown8.19 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	6.41 ng	1171980	1,4-Dichlorobenzene-d4	8.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclobutanedione, 2,2,4,4-te...	140	C8H12O2	000933-52-8	12
2			Furan, 2,3-dihydro-	70	C4H6O	001191-99-7	9
3			3-Hydroxy-2,2,4-trimethyl-3-pent...	140	C8H12O2	003173-79-3	9
4			Propane, 2-isocyanato-	85	C4H7NO	001795-48-8	9
5			2H-Pyran-2,4(3H)-dione, dihydro-...	264	C15H17FO3	1000277-11-0	9



Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
Data File : BN000113.D
Acq On : 19 Feb 2018 17:03
Operator : JU/SJ
Sample : J1573-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
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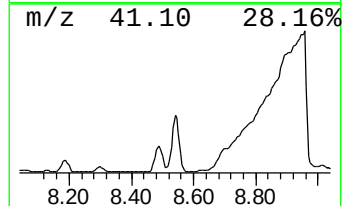
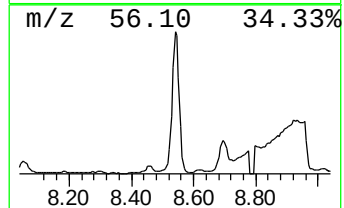
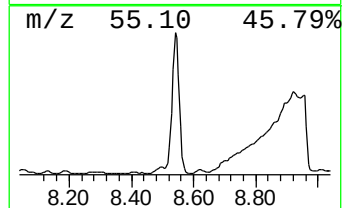
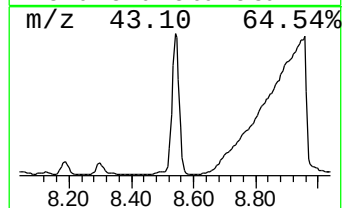
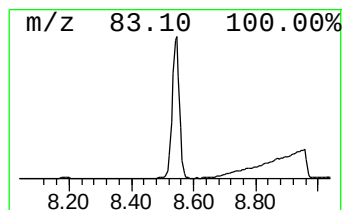
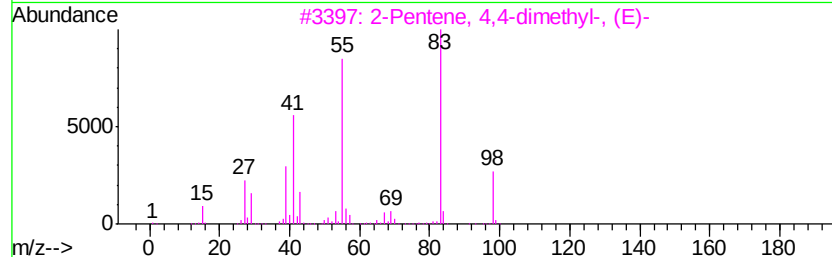
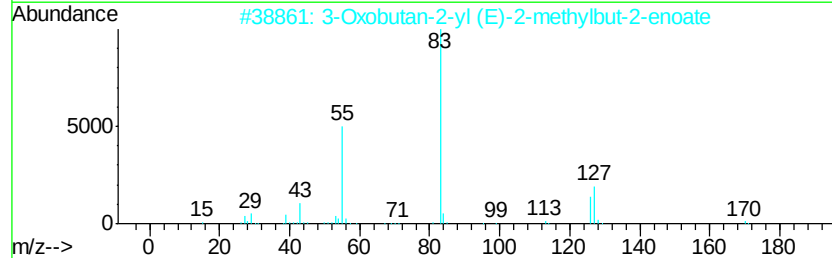
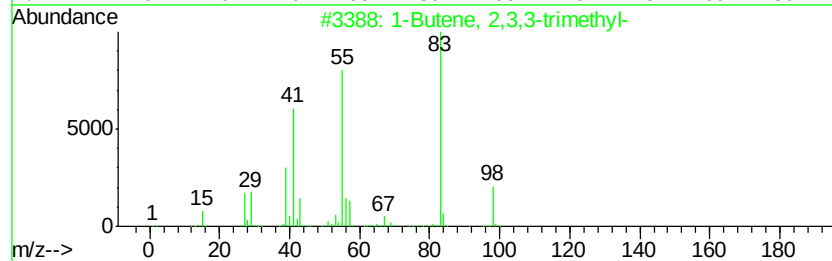
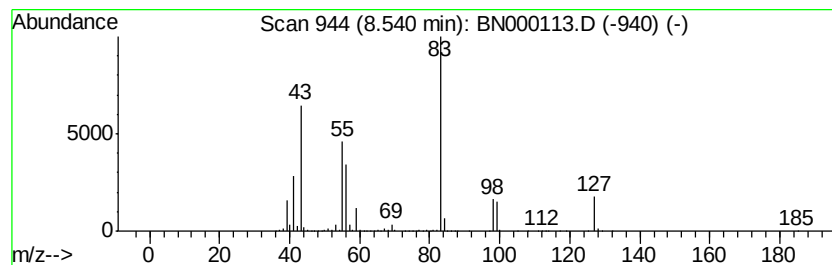
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown8.54 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	28.48 ng	5206540	1,4-Dichlorobenzene-d4	8.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	42
2		3-Oxobutan-2-yl (E)-2-methylbut-...	170	C9H14O3	1000373-71-9	40
3		2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	38
4		Oxalic acid, cyclohexyl propyl e...	214	C11H18O4	1000309-30-3	38
5		1H-Pyrazole, 4,5-dihydro-5,5-dim...	98	C5H10N2	004320-85-8	36



Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
Data File : BN000113.D
Acq On : 19 Feb 2018 17:03
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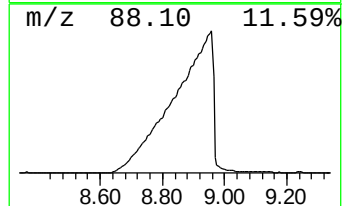
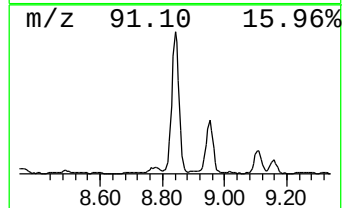
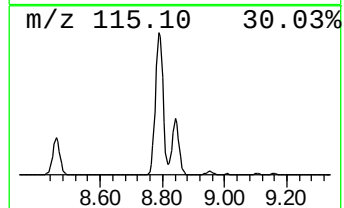
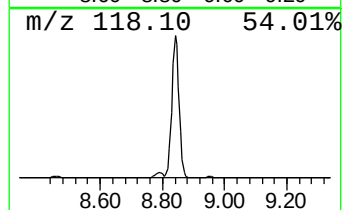
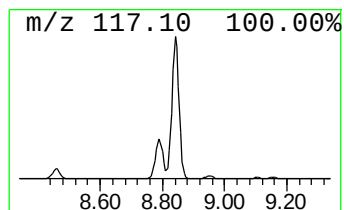
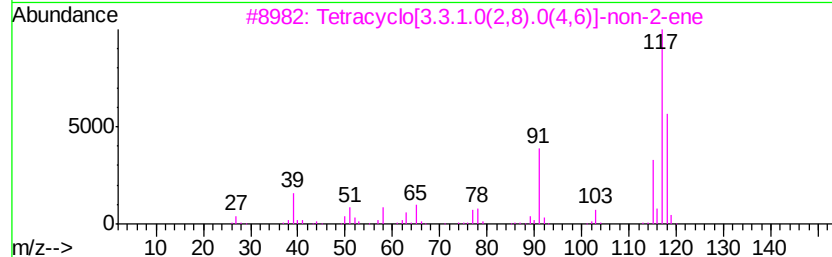
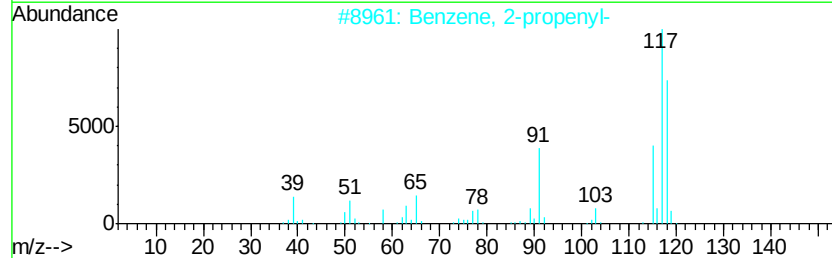
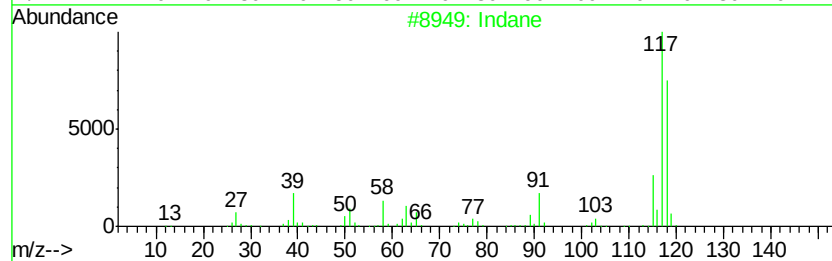
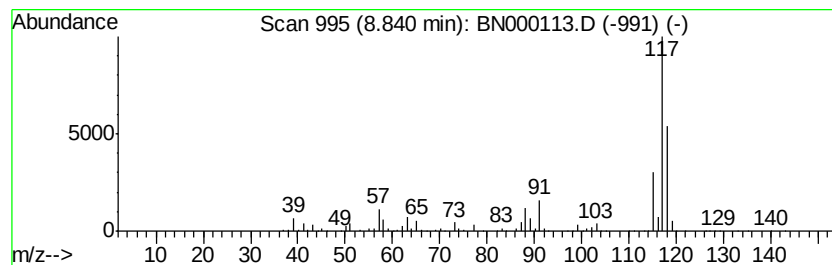
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	27.84 ng	5091190	1,4-Dichlorobenzene-d4	8.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	90
2			Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
3			Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	74
4			Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5			Deltacyclene	118	C9H10	007785-10-6	64



Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
Data File : BN000113.D
Acq On : 19 Feb 2018 17:03
Operator : JU/SJ
Sample : J1573-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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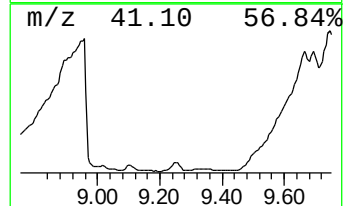
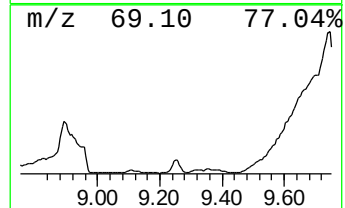
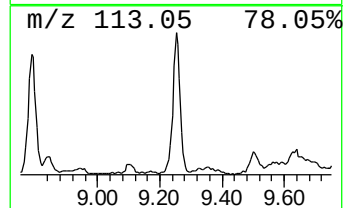
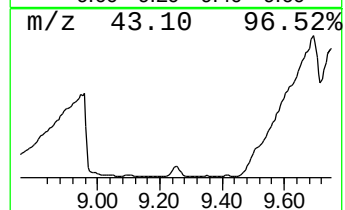
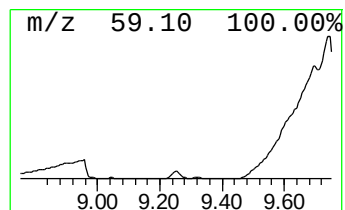
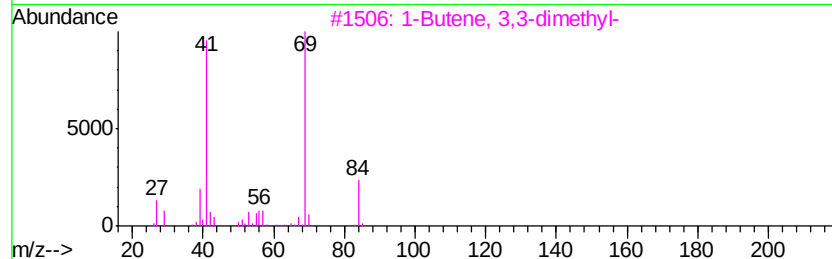
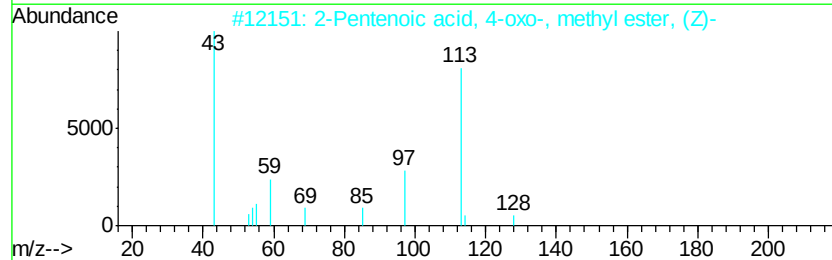
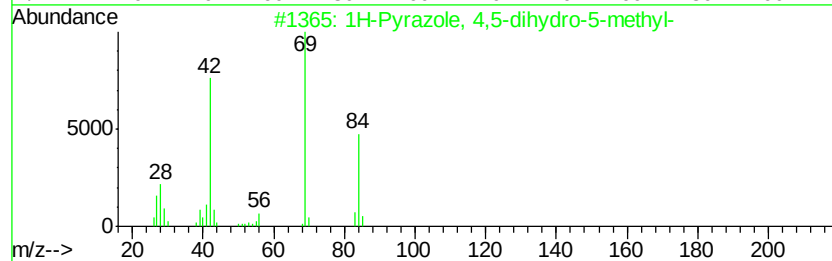
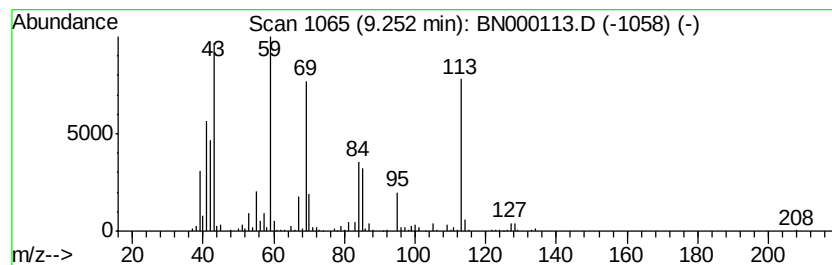
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown9.25 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	5.17 ng	944649	1,4-Dichlorobenzene-d4	8.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Pyrazole, 4,5-dihydro-5-methyl-	84	C4H8N2	001568-20-3	27
2			2-Pentenoic acid, 4-oxo-, methyl...	128	C6H8O3	019522-27-1	22
3			1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	18
4			2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	18
5			1,3,2-Dioxaborolane, 2-ethyl-4,5...	128	C6H13BO2	057633-64-4	18



Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
Data File : BN000113.D
Acq On : 19 Feb 2018 17:03
Operator : JU/SJ
Sample : J1573-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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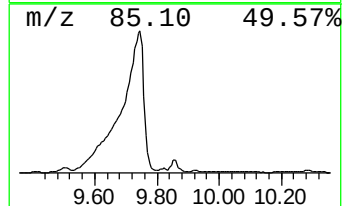
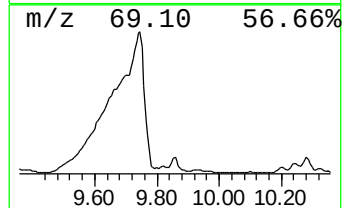
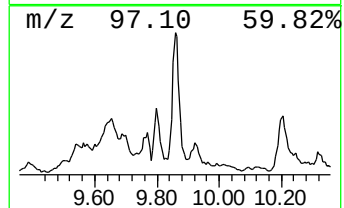
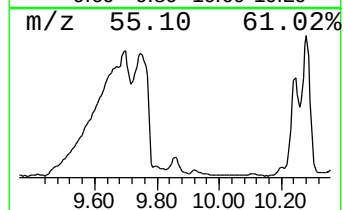
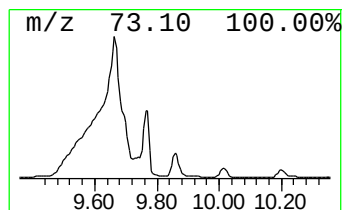
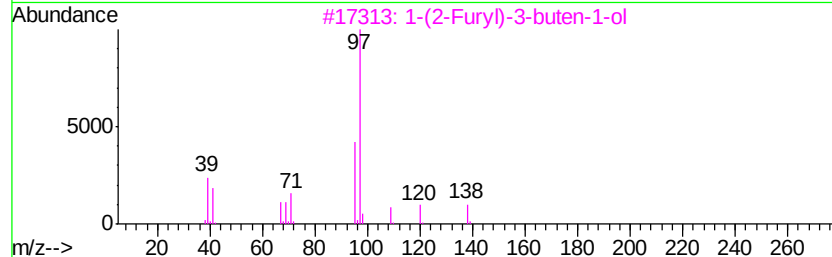
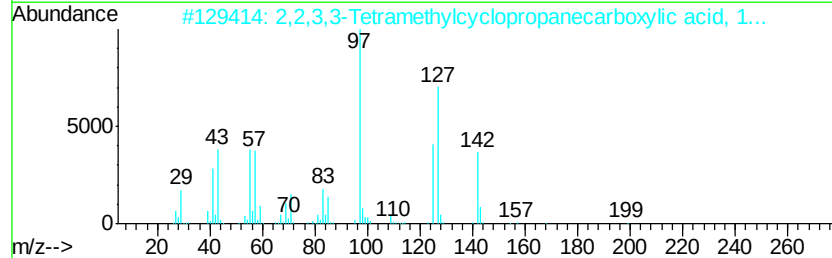
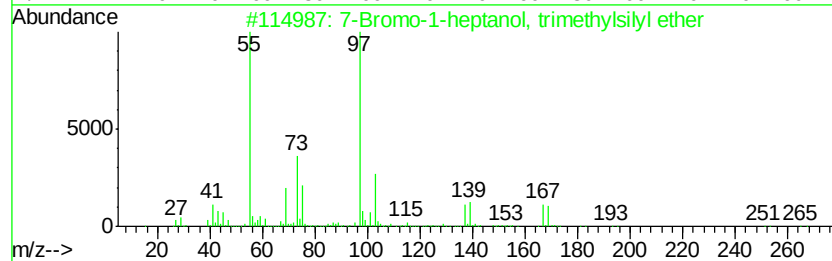
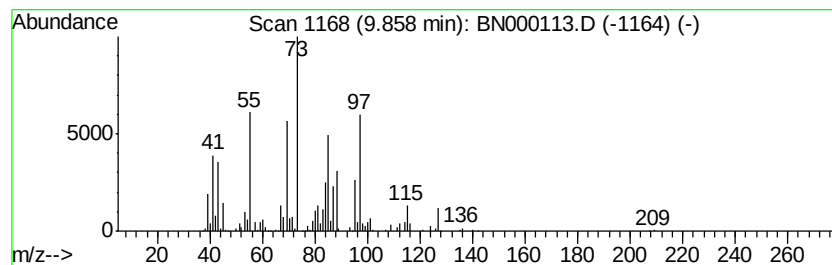
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown9.86 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	6.00 ng	1096170	1,4-Dichlorobenzene-d4	8.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Bromo-1-heptanol, trimethylsil...	266	C10H23BrOSi	1000364-14-1	14
2			2,2,3,3-Tetramethylcyclopropanec...	282	C18H34O2	1000221-97-9	14
3			1-(2-Furyl)-3-buten-1-ol	138	C8H10O2	1000311-94-9	14
4			Dimethylmalonic acid, cis-4-meth...	298	C17H30O4	1000363-87-7	14
5			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	11



Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
Data File : BN000113.D
Acq On : 19 Feb 2018 17:03
Operator : JU/SJ
Sample : J1573-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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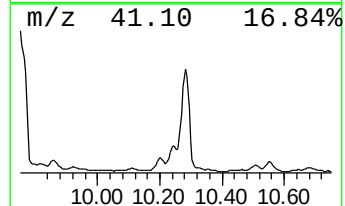
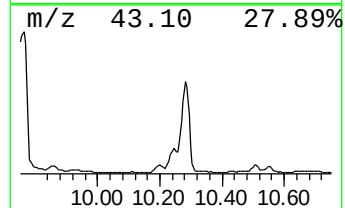
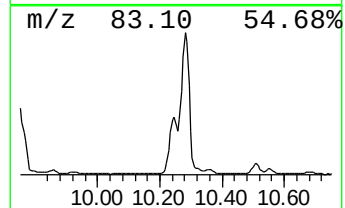
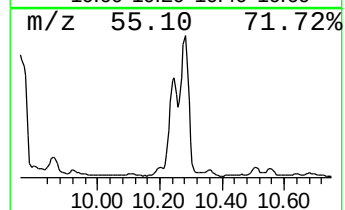
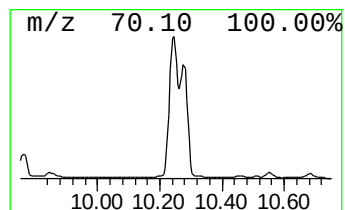
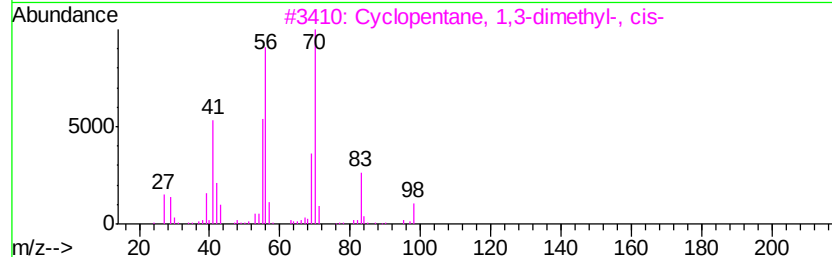
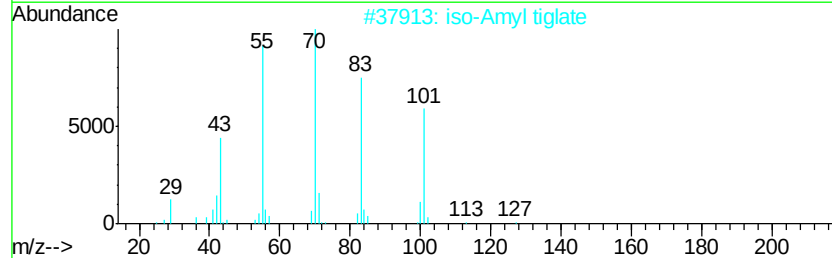
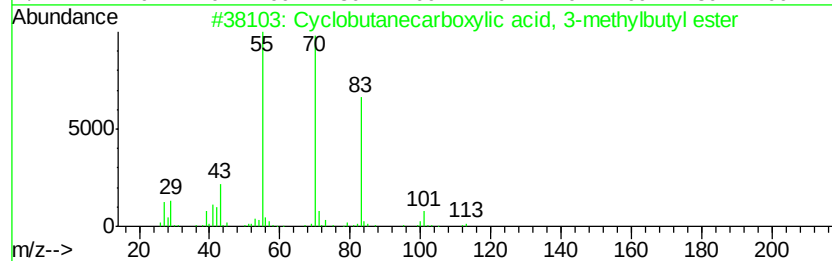
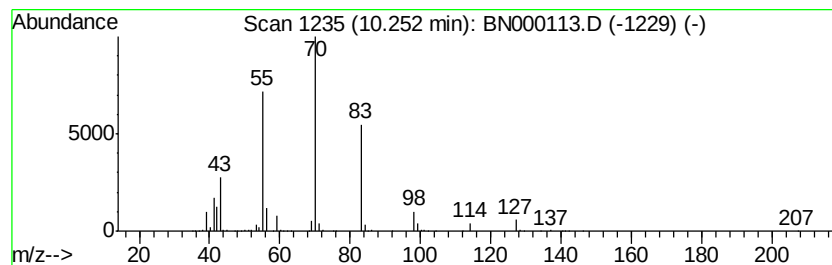
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclobutanecarboxylic acid,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	11.30 ng	3516000	Naphthalene-d8	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclobutanecarboxylic acid, 3-me...	170	C10H18O2	1000282-21-7	64
2		iso-Amyl tiglate	170	C10H18O2	066917-62-2	39
3		Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	36
4		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	28
5		2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	27



Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
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Operator : JU/SJ
Sample : J1573-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

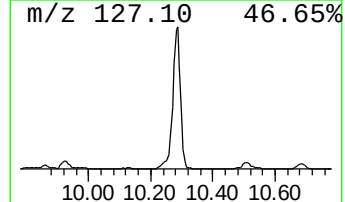
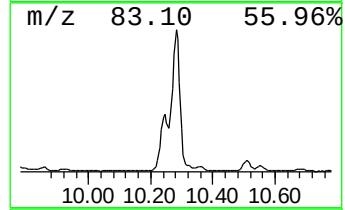
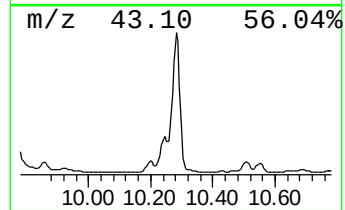
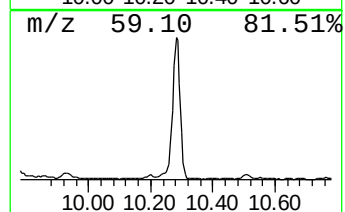
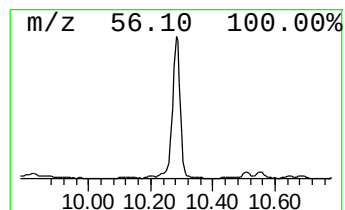
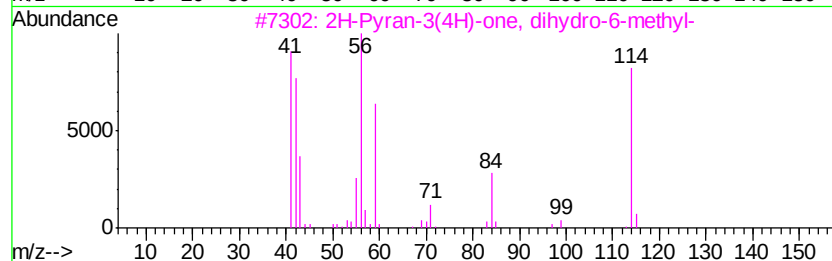
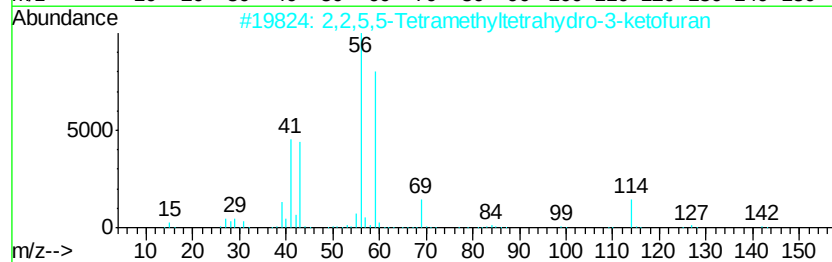
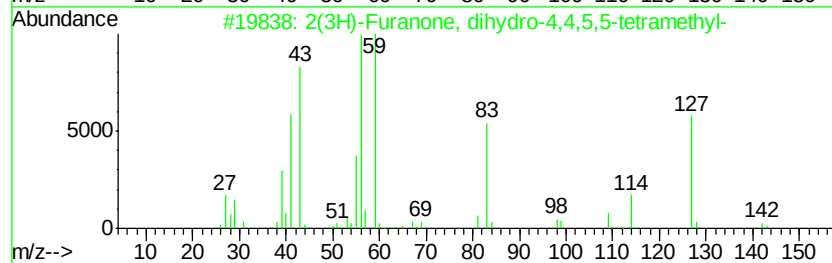
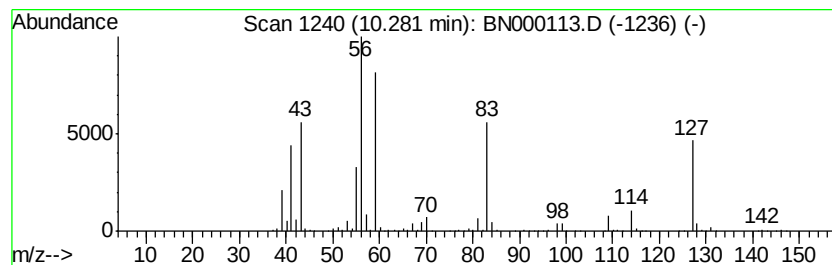
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
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TIC Library : C:\Database\NIST11.L
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Peak Number 16 2(3H)-Furanone, dihydro-4,4... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	31.12 ng	9682730	Napthalene-d8	11.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		2(3H)-Furanone, dihydro-4,4,5,5-...	142 C8H14O2	016466-24-3 59
2		2,2,5,5-Tetramethyltetrahydro-3-...	142 C8H14O2	005455-94-7 49
3		2H-Pyran-3(4H)-one, dihydro-6-me...	114 C6H10O2	043152-89-2 38
4		3-Heptanol, 5-methyl-	130 C8H18O	018720-65-5 38
5		3-Heptanol, 4-methyl-	130 C8H18O	014979-39-6 38



Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
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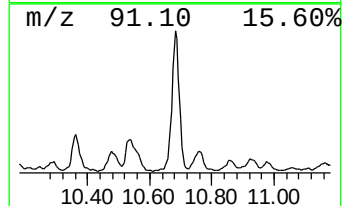
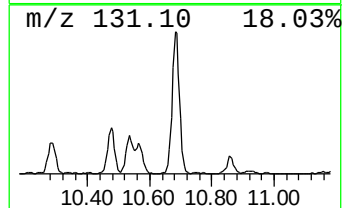
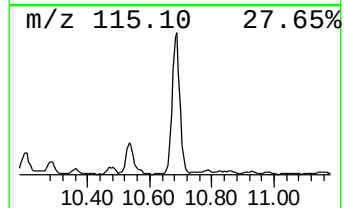
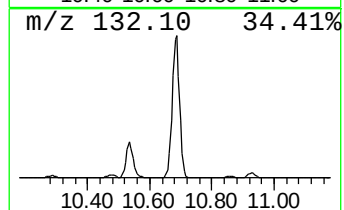
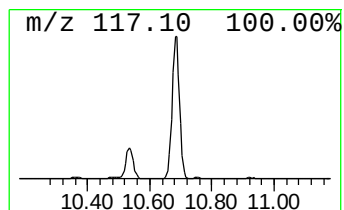
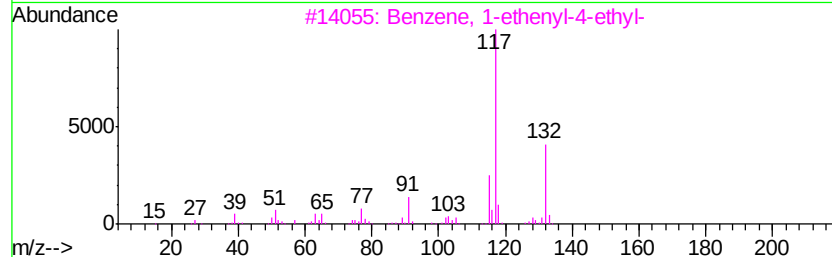
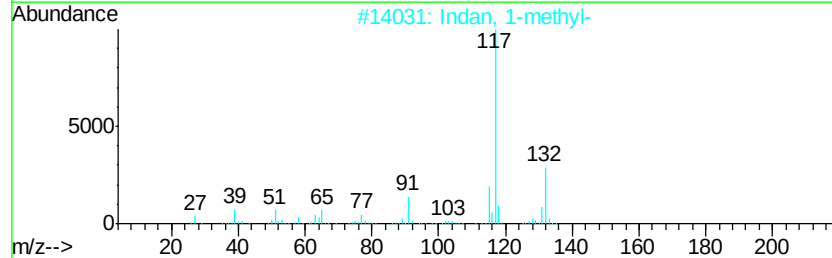
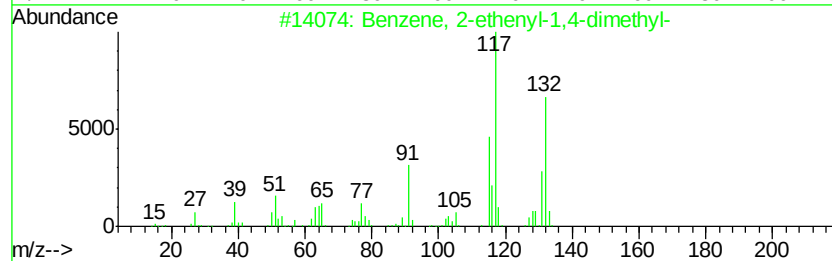
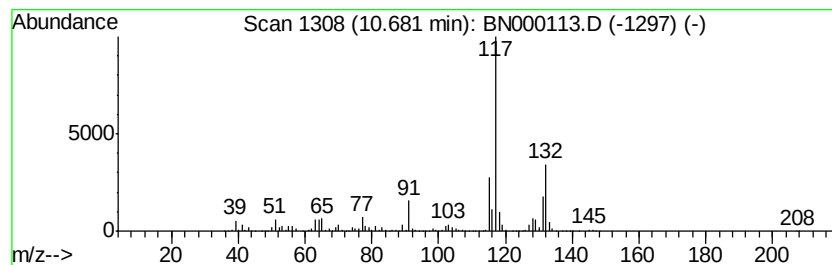
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	9.77 ng	3038040	Napthalene-d8	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2		Indan, 1-methyl-	132	C10H12	000767-58-8	95
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
4		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	90



Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
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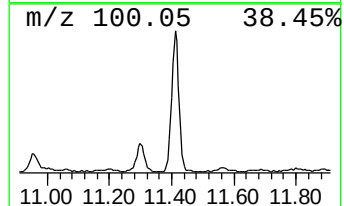
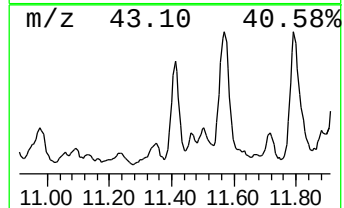
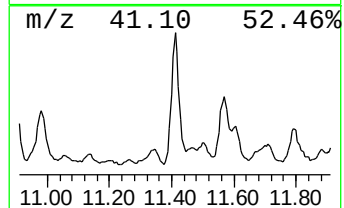
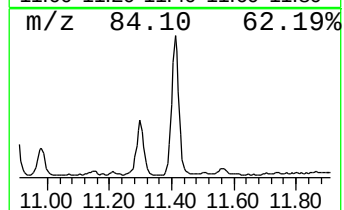
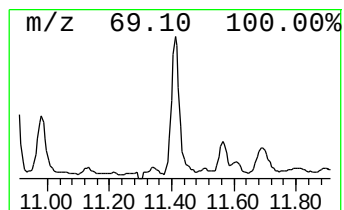
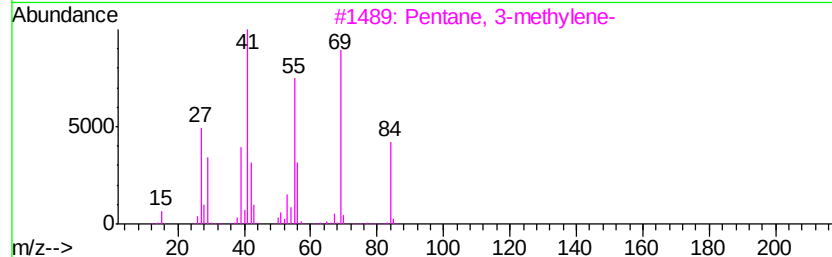
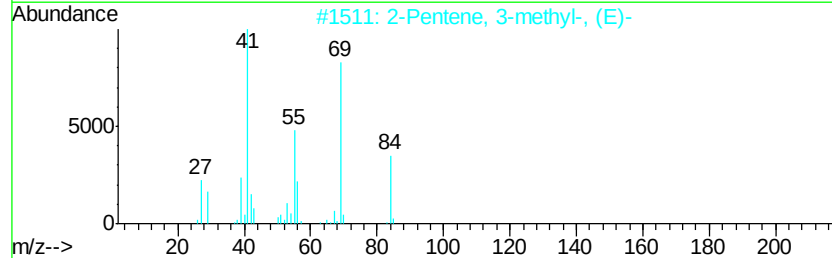
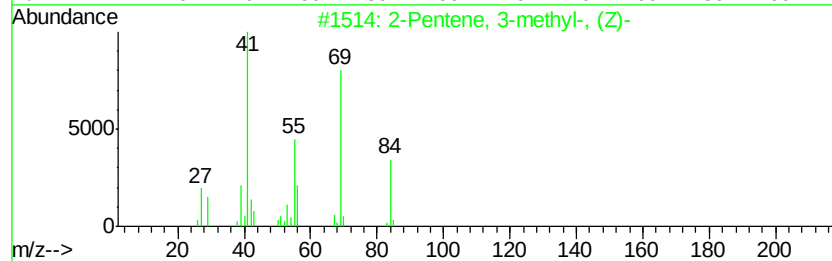
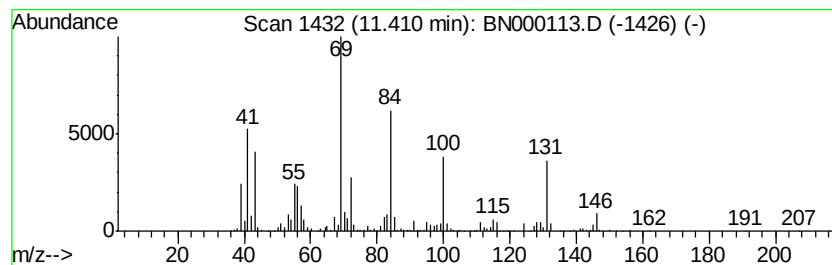
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TIC Library : C:\Database\NIST11.L
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Peak Number 18 unknown11.41 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	6.95 ng	2163240	Naphthalene-d8	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (Z)-			84	C6H12	000922-62-3	46
2	2-Pentene, 3-methyl-, (E)-			84	C6H12	000616-12-6	46
3	Pentane, 3-methylene-			84	C6H12	000760-21-4	46
4	2-Pentene, 3-methyl-			84	C6H12	000922-61-2	43
5	2-Pentene, 4-methyl-, (E)-			84	C6H12	000674-76-0	43



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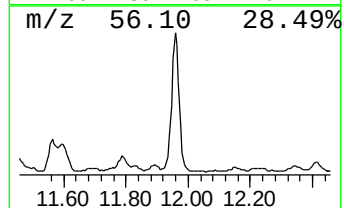
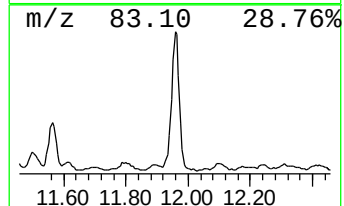
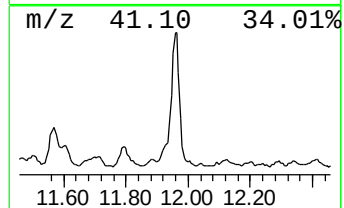
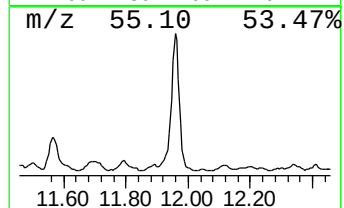
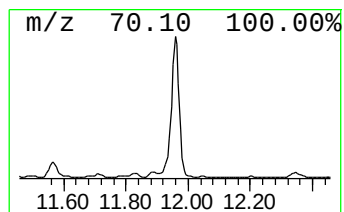
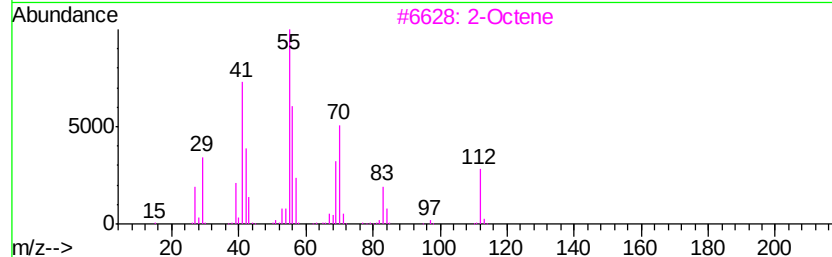
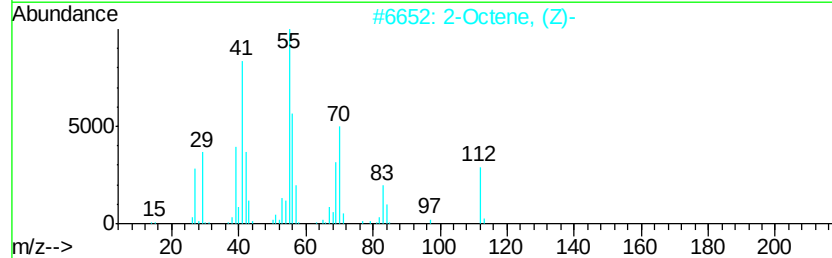
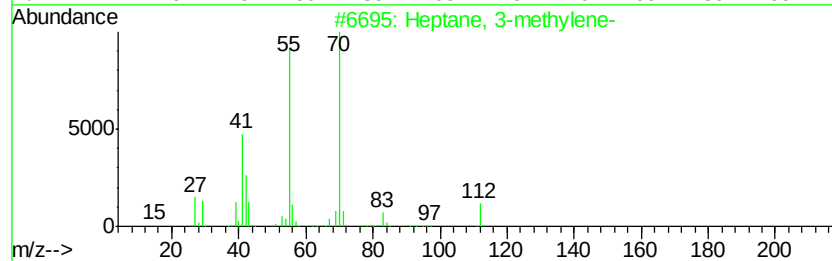
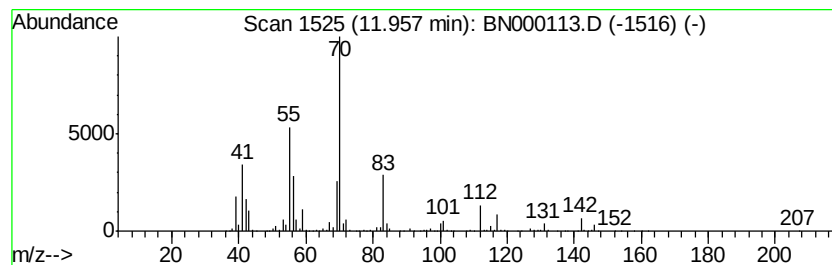
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 unknown11.96 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	14.24 ng	4429000	Naphthalene-d8	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-methylene-	112	C8H16	001632-16-2	47
2		2-Octene, (Z)-	112	C8H16	007642-04-8	20
3		2-Octene	112	C8H16	000111-67-1	18
4		3-Hexene, 3,4-dimethyl-, (Z)-	112	C8H16	019550-87-9	11
5		4-Octene, (E)-	112	C8H16	014850-23-8	11



Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
Data File : BN000113.D
Acq On : 19 Feb 2018 17:03
Operator : JU/SJ
Sample : J1573-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

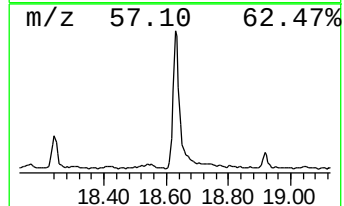
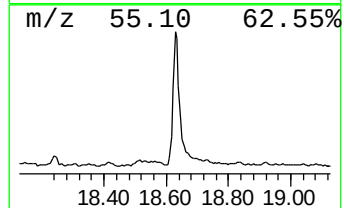
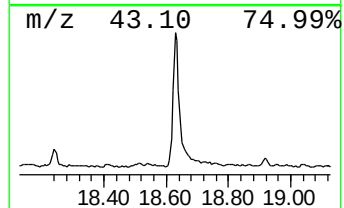
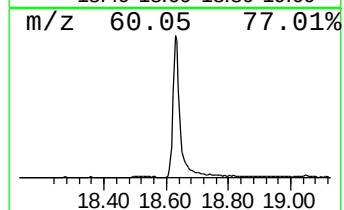
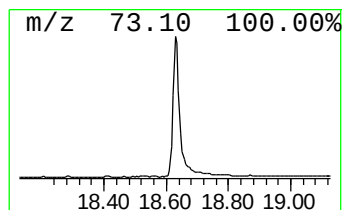
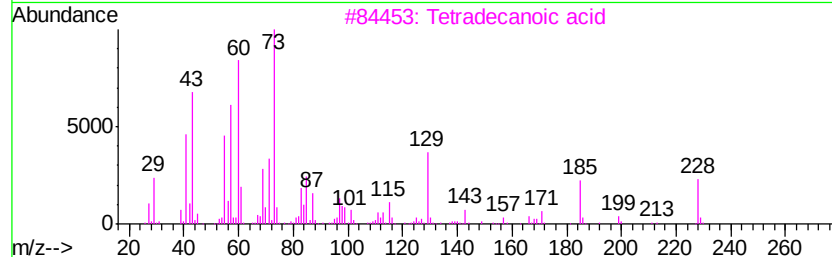
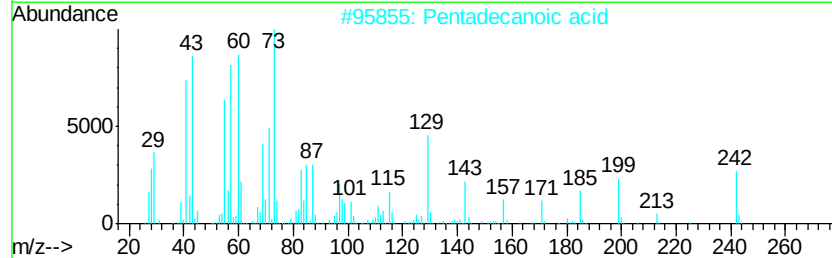
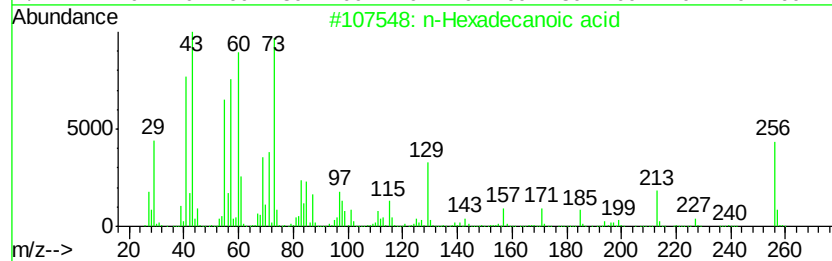
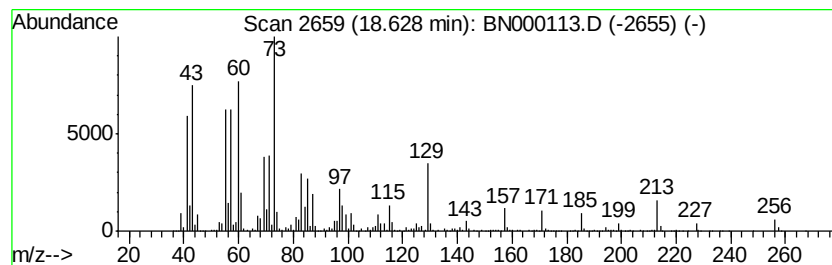
Instrument :
BNA_N
ClientSampleId :
MW-1R

Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.63	6.43 ng	2975130	Phenanthrene-d10	17.79	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Isopropyl palmitate	298	C19H38O2	000142-91-6	64
5	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	20



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN021918\
 Data File : BN000113.D
 Acq On : 19 Feb 2018 17:03
 Operator : JU/SJ
 Sample : J1573-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-1R

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-BN020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Butane, 2-methoxy...	3.32	28.5	ng	5218080	1	8.46	3656840	20.0
2-Butanol, 2,3-di...	3.93	19.9	ng	3636630	1	8.46	3656840	20.0
2-Pentanol, 2,4-d...	4.70	6.4	ng	1164280	1	8.46	3656840	20.0
3-Pentanone, 2,2-...	4.81	10.7	ng	1955640	1	8.46	3656840	20.0
Cyclopentanol, 1-...	5.55	10.5	ng	1917390	1	8.46	3656840	20.0
2-Furanmethanamin...	7.70	9.0	ng	1639820	1	8.46	3656840	20.0
Sulfide, allyl me...	7.88	17.4	ng	3186660	1	8.46	3656840	20.0
unknown7.98	7.98	77.8	ng	14234600	1	8.46	3656840	20.0
unknown8.19	8.19	6.4	ng	1171980	1	8.46	3656840	20.0
unknown8.54	8.54	28.5	ng	5206540	1	8.46	3656840	20.0
Indane	8.84	27.8	ng	5091190	1	8.46	3656840	20.0
unknown9.25	9.25	5.2	ng	944649	1	8.46	3656840	20.0
unknown9.86	9.86	6.0	ng	1096170	1	8.46	3656840	20.0
Cyclobutanecarbox...	10.25	11.3	ng	3516000	2	11.30	6222010	20.0
2(3H)-Furanone, d...	10.28	31.1	ng	9682730	2	11.30	6222010	20.0
Benzene, 2-etheny...	10.68	9.8	ng	3038040	2	11.30	6222010	20.0
unknown11.41	11.41	7.0	ng	2163240	2	11.30	6222010	20.0
unknown11.96	11.96	14.2	ng	4429000	2	11.30	6222010	20.0
n-Hexadecanoic acid	18.63	6.4	ng	2975130	4	17.79	9255060	20.0