

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033484.D
 Acq On : 2 Apr 2018 13:08
 Operator : SJ/JU
 Sample : J2098-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LIC-PY-FIELD-BLANK-3.27.18

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_G\METHODS\8270-BG031918.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	3.479	25	32	42	rBV	140403	266701	7.24%	1.637%
2	3.567	42	47	59	rVB	90891	149405	4.06%	0.917%
3	6.241	498	502	506	rBV2	38100	69387	1.88%	0.426%
4	6.293	506	511	530	rVB	194239	438170	11.90%	2.689%
5	7.980	792	798	810	rBV	105206	275930	7.49%	1.694%
6	8.379	859	866	882	rBV	428761	925178	25.12%	5.679%
7	8.867	941	949	964	rBV2	87733	219106	5.95%	1.345%
8	9.196	997	1005	1022	rBV	422076	880967	23.92%	5.407%
9	9.543	1057	1064	1071	rBV2	175298	308812	8.38%	1.895%
10	10.065	1146	1153	1169	rBV	318522	759713	20.63%	4.663%
11	11.746	1431	1439	1451	rBV	144126	316754	8.60%	1.944%
12	12.604	1579	1585	1593	rBV4	18646	39617	1.08%	0.243%
13	14.108	1833	1841	1857	rBV	1198665	2070059	56.20%	12.706%
14	15.430	2059	2066	2069	rBV	96423	137807	3.74%	0.846%
15	15.483	2069	2075	2091	rVB2	311446	553580	15.03%	3.398%
16	16.957	2318	2326	2339	rBV	1036893	1828563	49.64%	11.223%
17	18.209	2533	2539	2555	rBV	436096	785621	21.33%	4.822%
18	18.820	2638	2643	2649	rBV2	133916	176334	4.79%	1.082%
19	20.371	2902	2907	2924	rBV	238871	429932	11.67%	2.639%
20	20.729	2962	2968	2979	rBV	2679128	3683344	100.00%	22.607%
21	20.970	3004	3009	3021	rBV2	128614	206101	5.60%	1.265%
22	21.487	3091	3097	3104	rBV5	29970	52495	1.43%	0.322%
23	22.557	3272	3279	3289	rBV2	449951	879068	23.87%	5.396%
24	26.329	3908	3921	3936	rBV	237224	839969	22.80%	5.156%

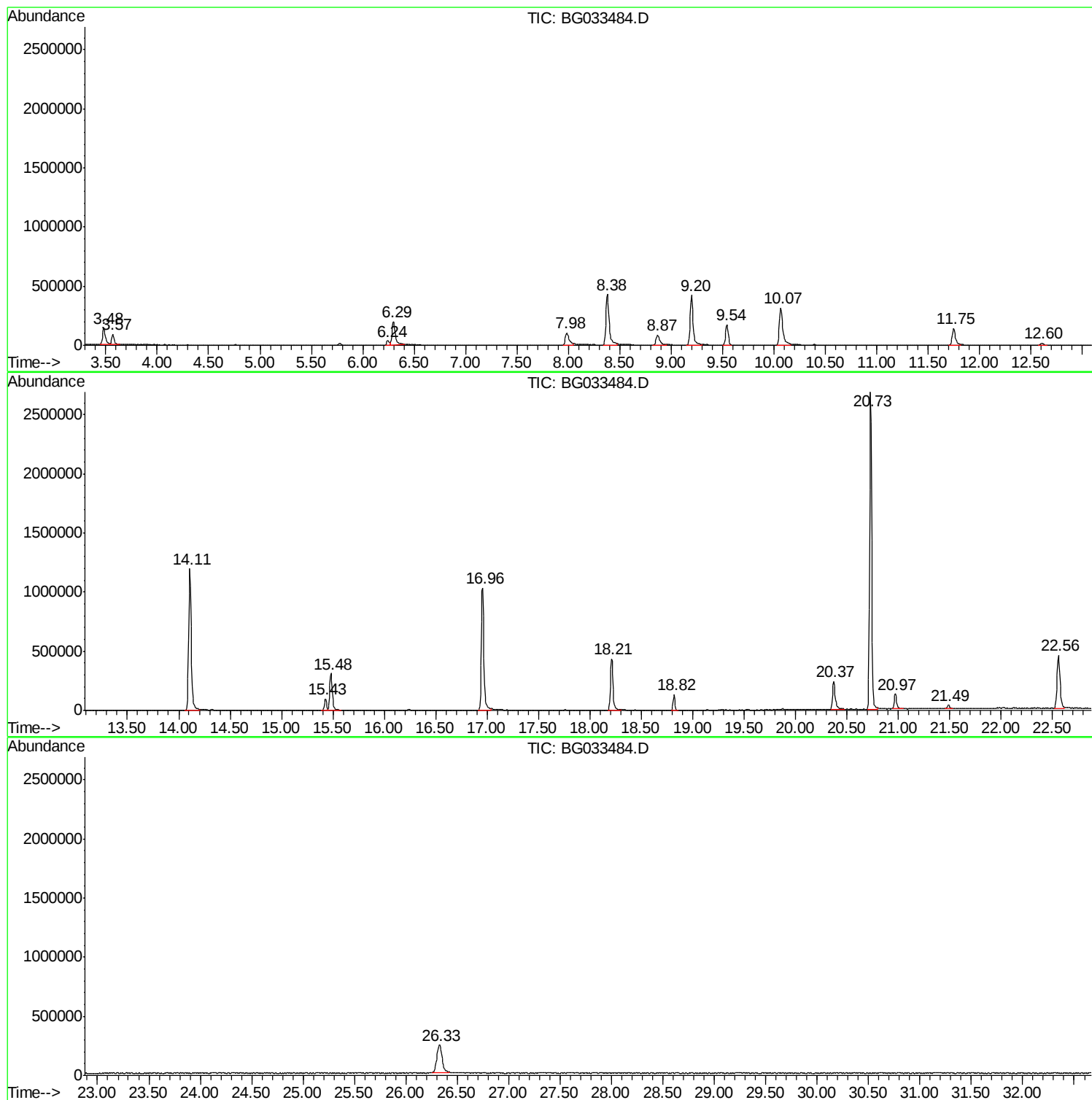
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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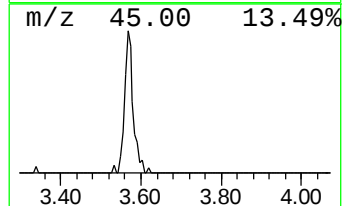
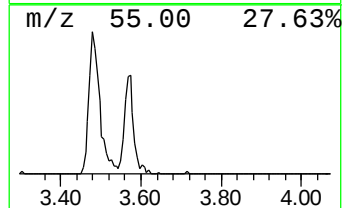
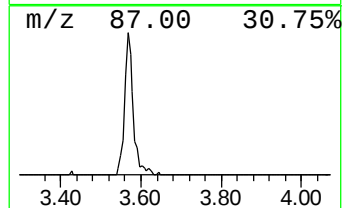
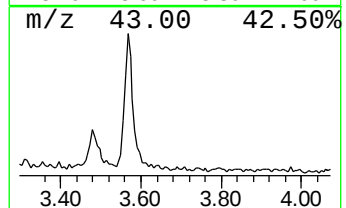
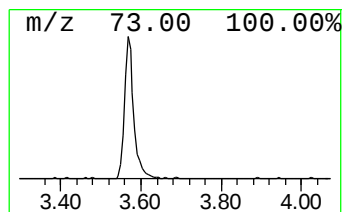
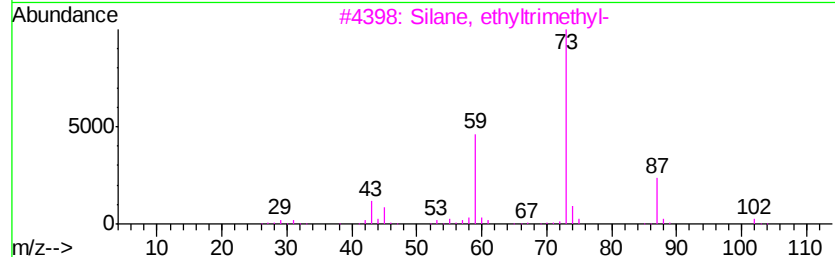
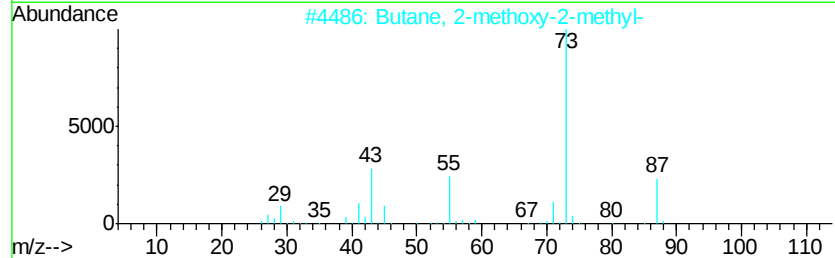
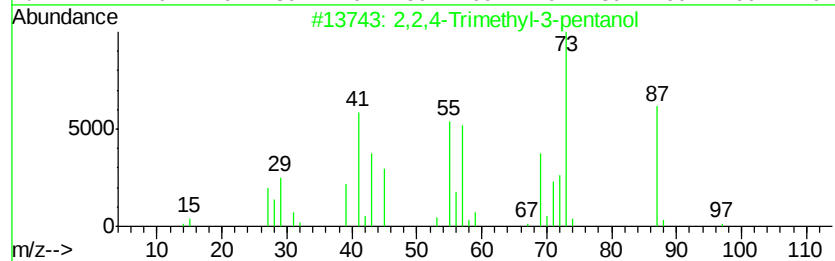
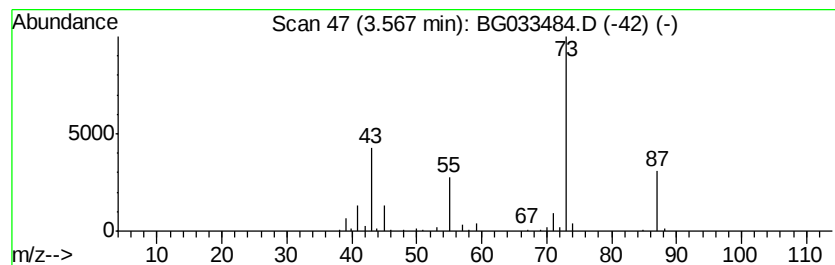
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2,2,4-Trimethyl-3-pentanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.57	13.64 ng	149405	1,4-Dichlorobenzene-d4	8.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	17



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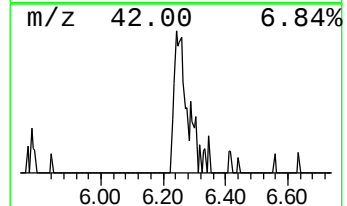
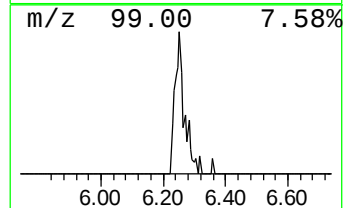
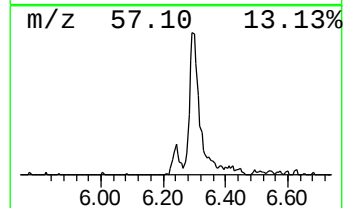
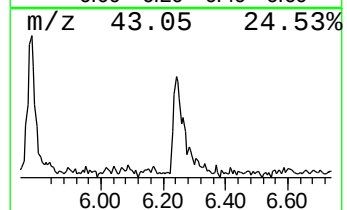
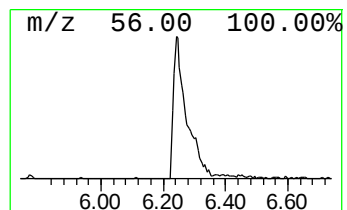
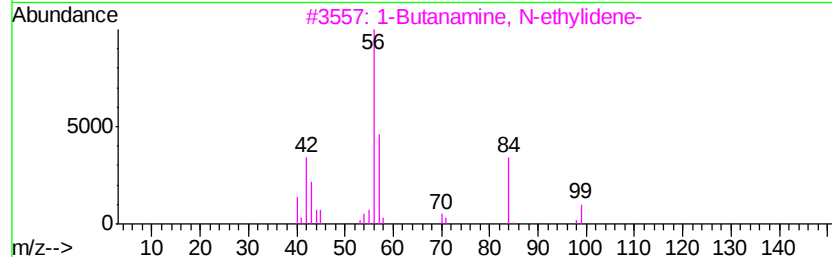
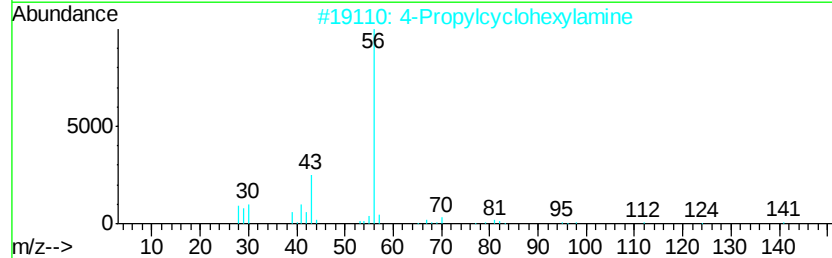
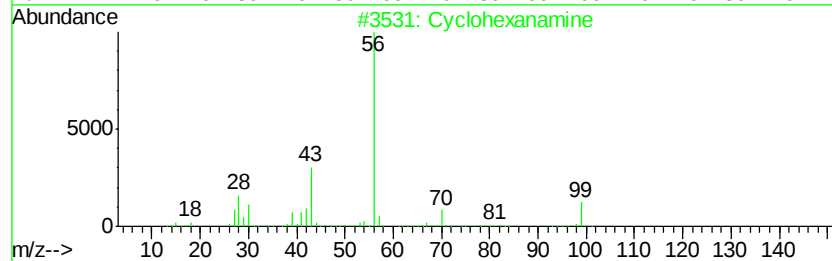
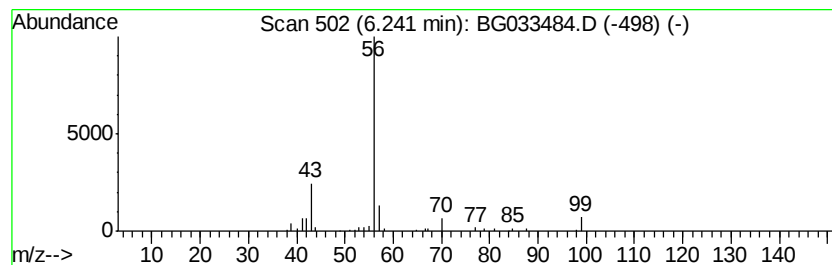
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Peak Number 3 unknown6.24 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	6.33 ng	69387	1,4-Dichlorobenzene-d4	8.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanamine	99	C6H13N	000108-91-8	43
2			4-Propylcyclohexylamine	141	C9H19N	102653-37-2	39
3			1-Butanamine, N-ethylidene-	99	C6H13N	006898-74-4	38
4			1-Hexene, 5-methyl-	98	C7H14	003524-73-0	9
5			1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	9



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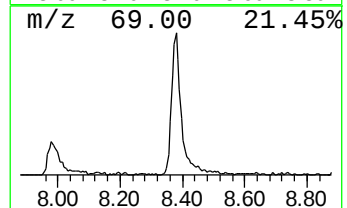
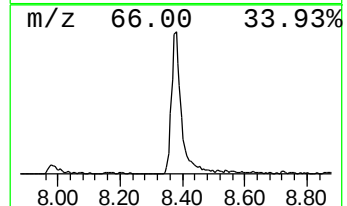
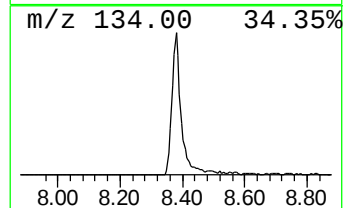
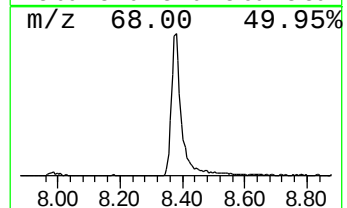
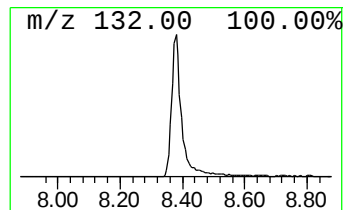
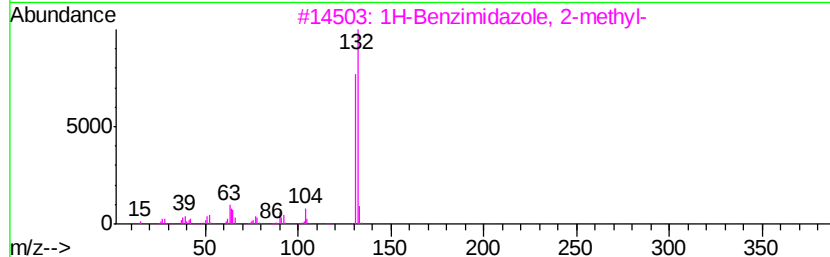
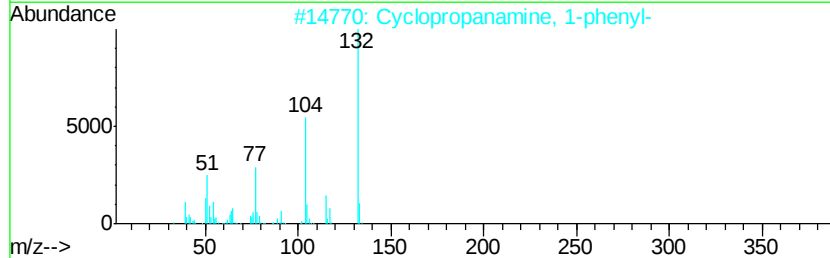
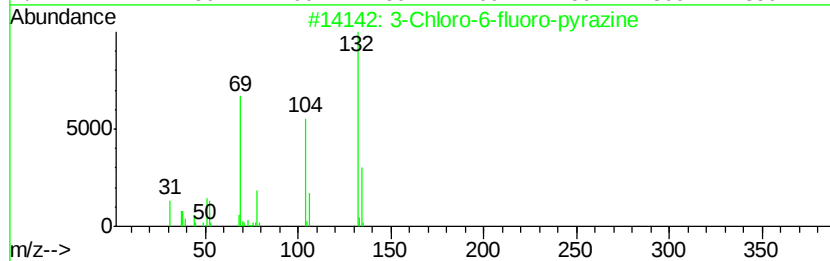
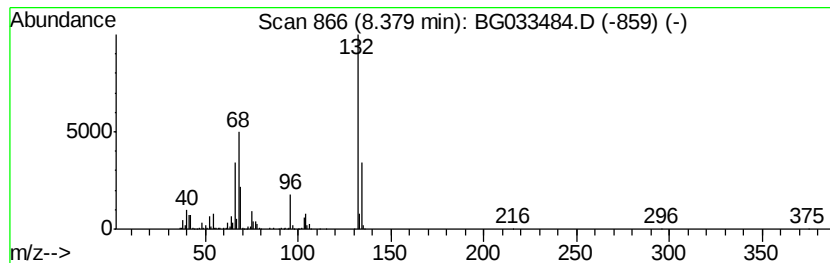
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Peak Number 4 unknown8.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	84.45 ng	925178	1,4-Dichlorobenzene-d4	8.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	22
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5		5-Aminoindole	132	C8H8N2	005192-03-0	12



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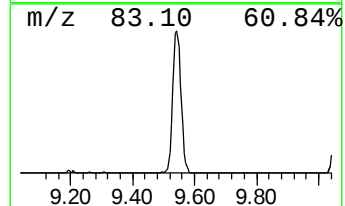
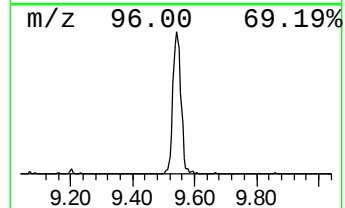
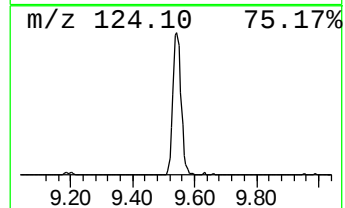
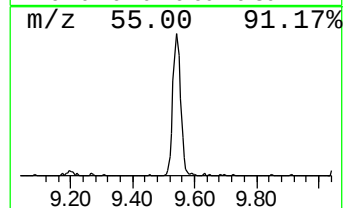
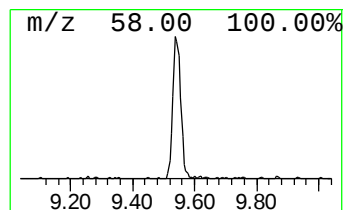
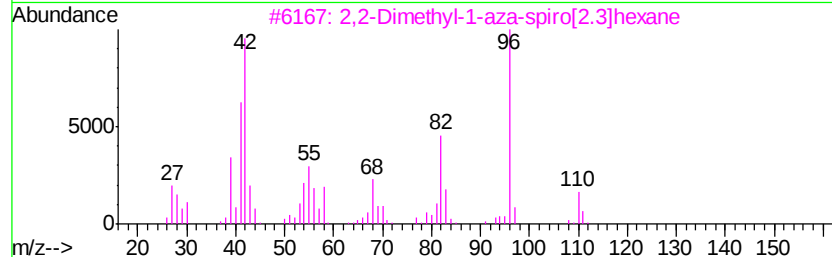
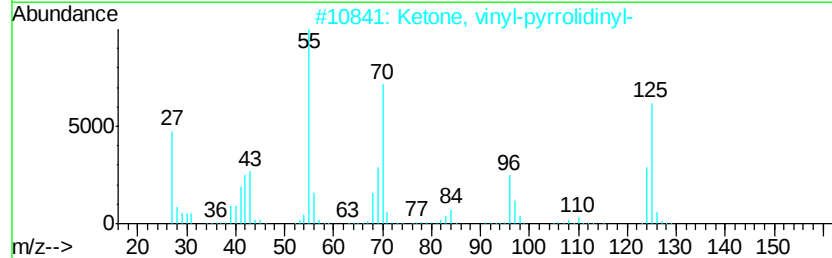
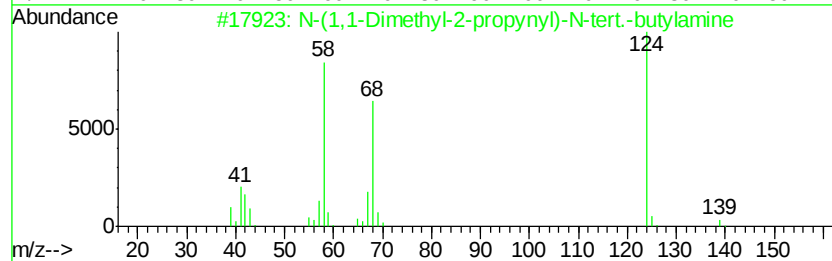
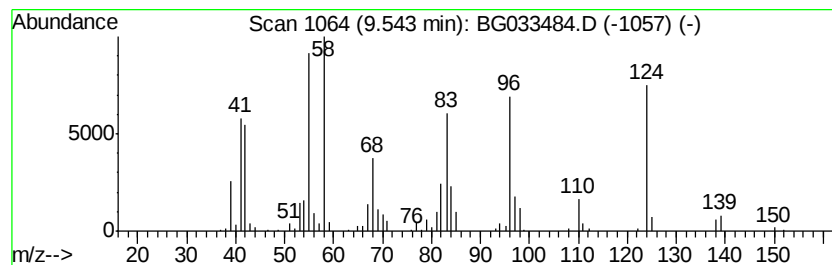
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Peak Number 6 unknown9.54 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	28.19 ng	308812	1,4-Dichlorobenzene-d4	8.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N-(1,1-Dimethyl-2-propynyl)-N-ter...	139	C9H17N	001118-17-8	49
2		Ketone, vinyl-pyrrolidinyl-	125	C7H11NO	042104-70-1	37
3		2,2-Dimethyl-1-aza-spiro[2.3]hexane	111	C7H13N	1000194-19-9	35
4		4,5-Dimethyl-2-pyrimidone	124	C6H8N2O	034939-17-8	22
5		2,2'-Bis[(3-dimethylaminopropyl)...]	474	C24H34N4O2S2	032276-24-7	14



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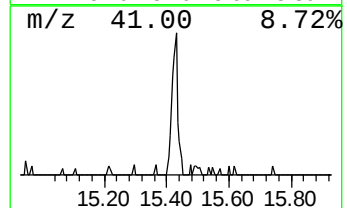
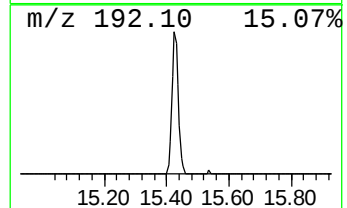
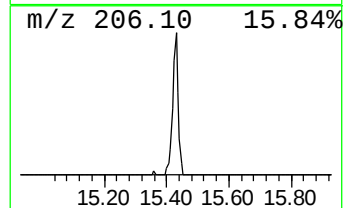
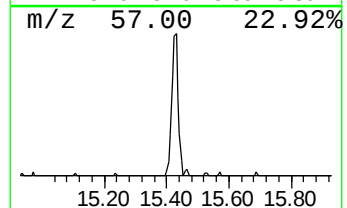
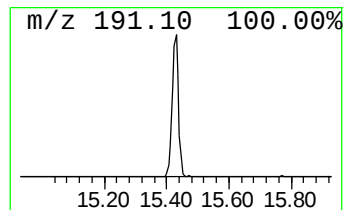
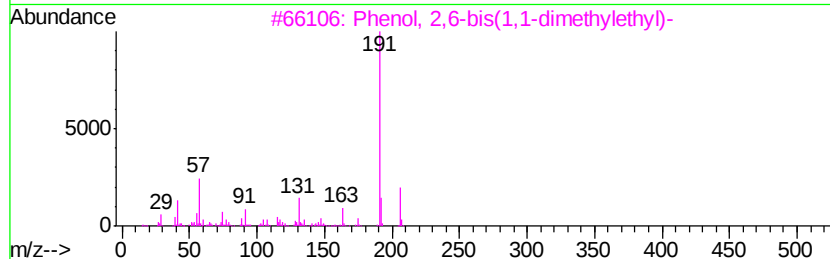
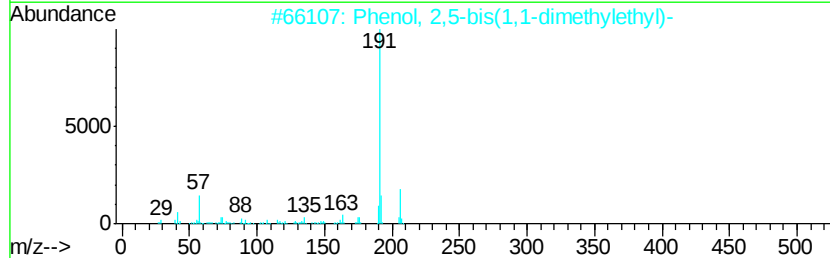
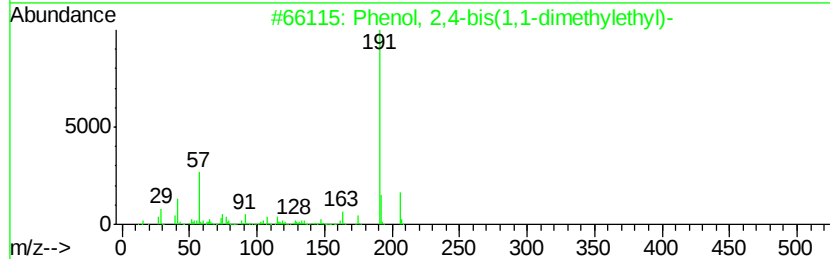
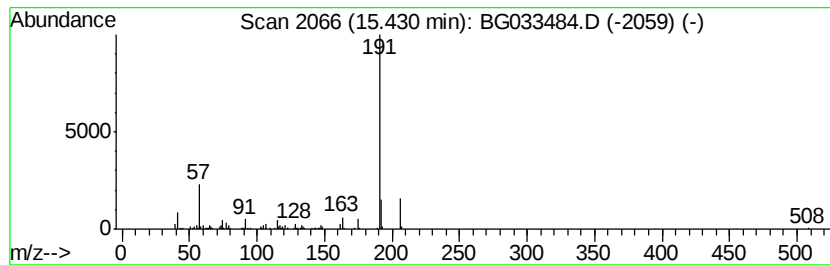
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Peak Number 7 Phenol, 2,4-bis(1,1-dimethy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	4.98 ng	137807	Acenaphthene-d10	15.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Phenol, 2,4-bis(1,1-dimethylethyl)-	206 C14H22O	000096-76-4	93
2	Phenol, 2,5-bis(1,1-dimethylethyl)-	206 C14H22O	005875-45-6	90
3	Phenol, 2,6-bis(1,1-dimethylethyl)-	206 C14H22O	000128-39-2	78
4	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206 C14H22O	1000195-40-9	72
5	Pentanedioic acid, (2,4-di-t-but...	320 C19H28O4	1000164-44-5	64



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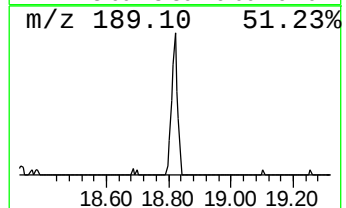
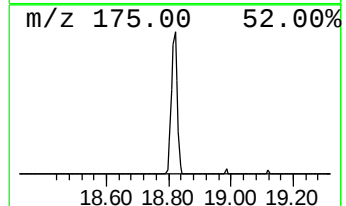
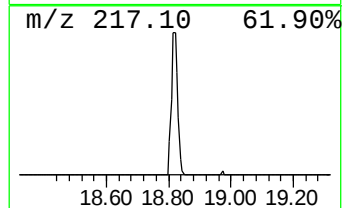
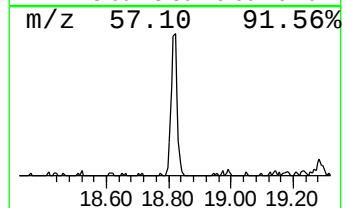
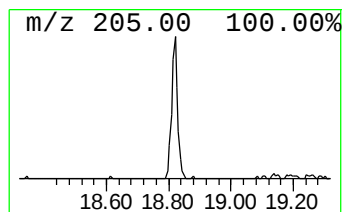
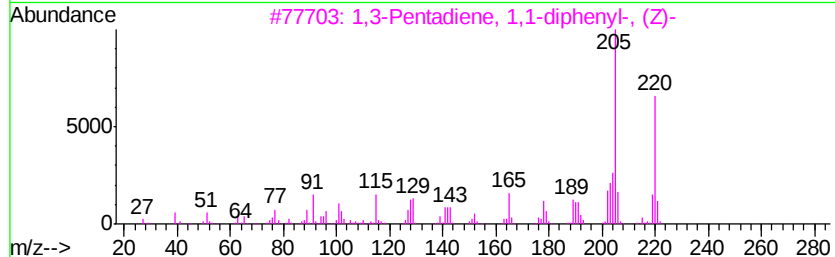
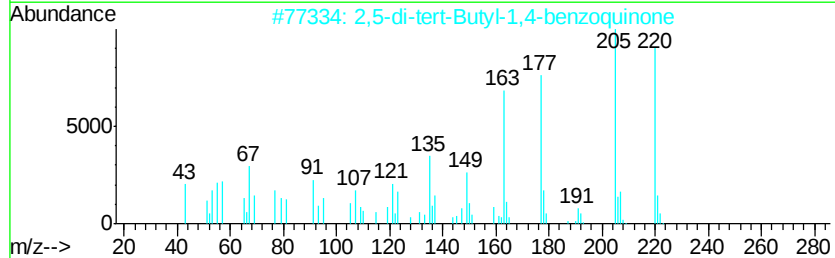
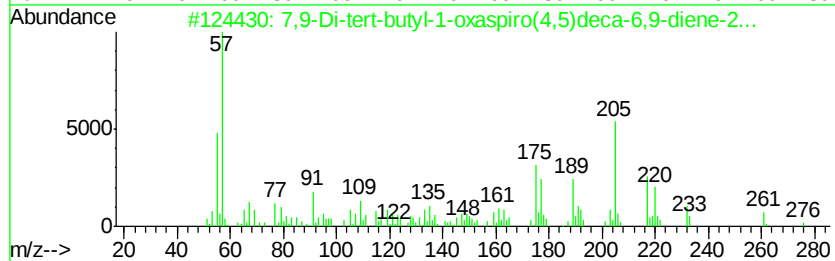
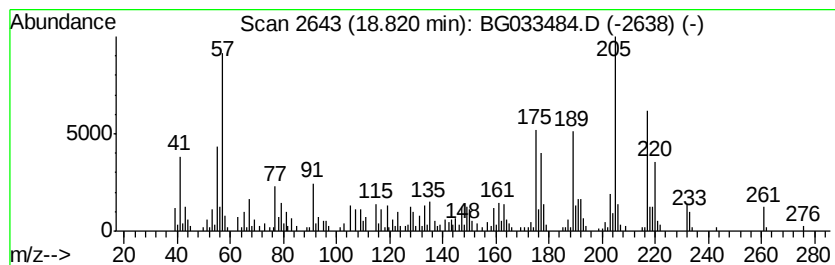
Instrument :
BNA_G
ClientSampleId :
LIC-PY-FIELD-BLANK-3.27.18

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.82	4.49 ng	176334	Phenanthrene-d10	18.21		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	91	
2	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	46	
3	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	42	
4	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	42	
5	Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	38	



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG040218\
Data File : BG033484.D
Acq On : 2 Apr 2018 13:08
Operator : SJ/JU
Sample : J2098-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LIC-PY-FIELD-BLANK-3.27.18

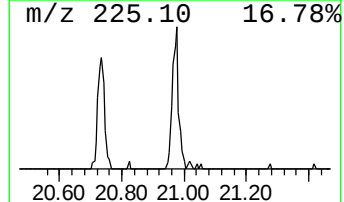
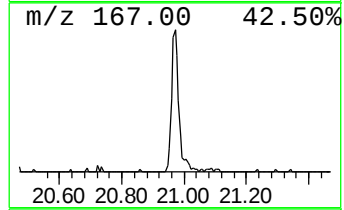
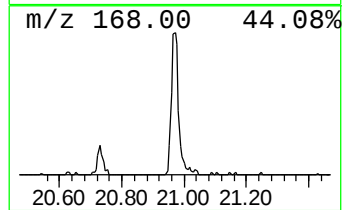
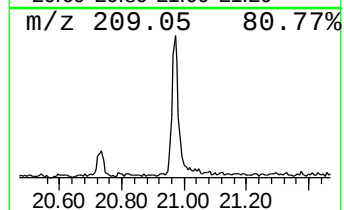
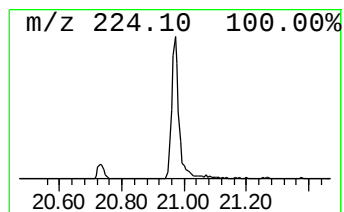
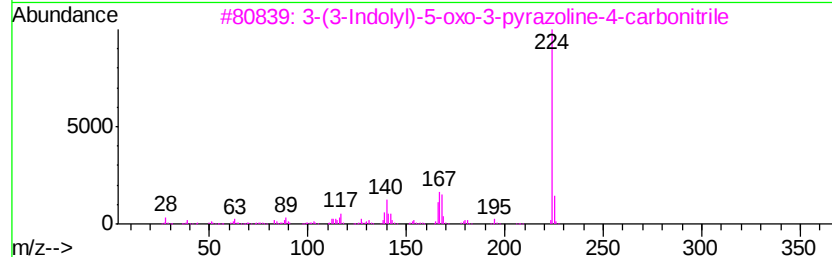
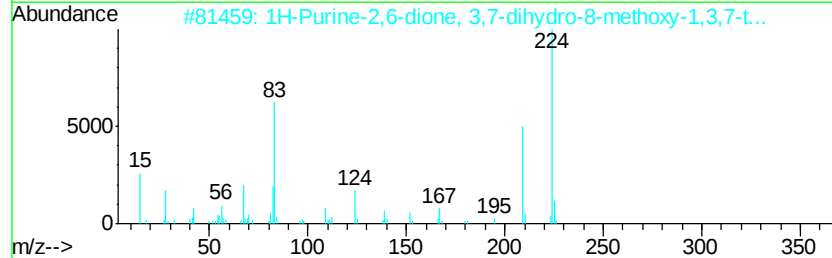
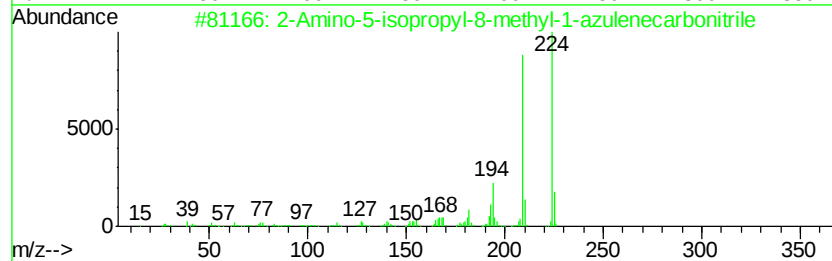
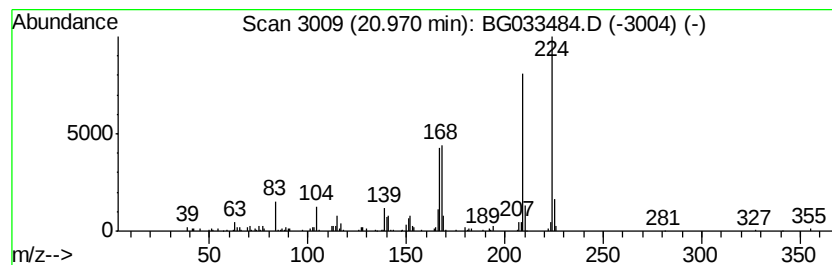
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-Amino-5-isopropyl-8-methy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	4.69 ng	206101	Chrysene-d12	22.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Amino-5-isopropyl-8-methyl-1-a...	224	C15H16N2	093946-48-6	64
2		1H-Purine-2,6-dione, 3,7-dihydro...	224	C9H12N4O3	000569-34-6	43
3		3-(3-Indolyl)-5-oxo-3-pyrazoline...	224	C12H8N4O	1000240-73-4	41
4		Dibenzo[d,f]-1,3,2-dioxaborepine...	224	C14H13BO2	1000160-51-1	30
5		3-(N-Methylamino)-9-methylcarbazole	210	C14H14N2	005416-98-8	25



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG040218\
Data File : BG033484.D
Acq On : 2 Apr 2018 13:08
Operator : SJ/JU
Sample : J2098-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LIC-PY-FIELD-BLANK-3.27.18

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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
2,2,4-Trimethyl-3...	3.57	13.6	ng	149405	1	8.87	219106	20.0
unknown6.24	6.24	6.3	ng	69387	1	8.87	219106	20.0
unknown8.38	8.38	84.5	ng	925178	1	8.87	219106	20.0
unknown9.54	9.54	28.2	ng	308812	1	8.87	219106	20.0
Phenol, 2,4-bis(1...	15.43	5.0	ng	137807	3	15.48	553580	20.0
7,9-Di-tert-butyl...	18.82	4.5	ng	176334	4	18.21	785621	20.0
2-Amino-5-isoprop...	20.97	4.7	ng	206101	5	22.56	879068	20.0