

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024755.D
 Acq On : 07 Feb 2020 10:42
 Operator : CG/JU
 Sample : L1399-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6F2

Manual Integrations
 APPROVED

mohammad
 2/10/2020 8:22:29 AM

Quant Time: Feb 07 16:08:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 07:38:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	271410	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1068527	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	710368	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1524970	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1441546	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	1582858	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	20881	3.70	ng/uL	0.00
5) Phenol-d5	6.60	99	357099	19.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	224615	22.06	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	328315	20.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	314859	20.70	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	166125	21.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	201865	22.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	365351	19.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	434299	25.21	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1293977	24.13	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1382576	22.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	175148	20.10	ng/ul	0.00
58) Fluorene-d10	15.06	176	1070716	22.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	201359	20.26	ng/ul	0.00
71) Anthracene-d10	16.92	188	1624428	23.33	ng/ul	0.00
79) Pyrene-d10	19.22	212	1839593	25.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1907442	23.99	ng/ul	0.00

Target Compounds

					Ovalue	
70) Phenanthrene	16.86	178	440837	5.302	ng/ul	99
72) Anthracene	16.95	178	91085	1.080	ng/ul	98
77) Fluoranthene	18.89	202	890563	8.725	ng/ul	99
80) Pyrene	19.25	202	795487	8.337	ng/ul	99
83) Benzo(a)anthracene	21.02	228	453523	4.671	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	20.99	149	87813	1.554	ng/ul	99
85) Chrysene	21.06	228	466964	4.885	ng/ul	99
88) Benzo(b)fluoranthene	22.52	252	628357	6.243	ng/ul	97
89) Benzo(k)fluoranthene	22.56	252	226219m	2.335	ng/ul	
91) Benzo(a)pyrene	23.04	252	386895	4.288	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.19	276	308042	2.742	ng/ul	99
94) Benzo(g,h,i)perylene	25.81	276	252039	2.698	ng/ul	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

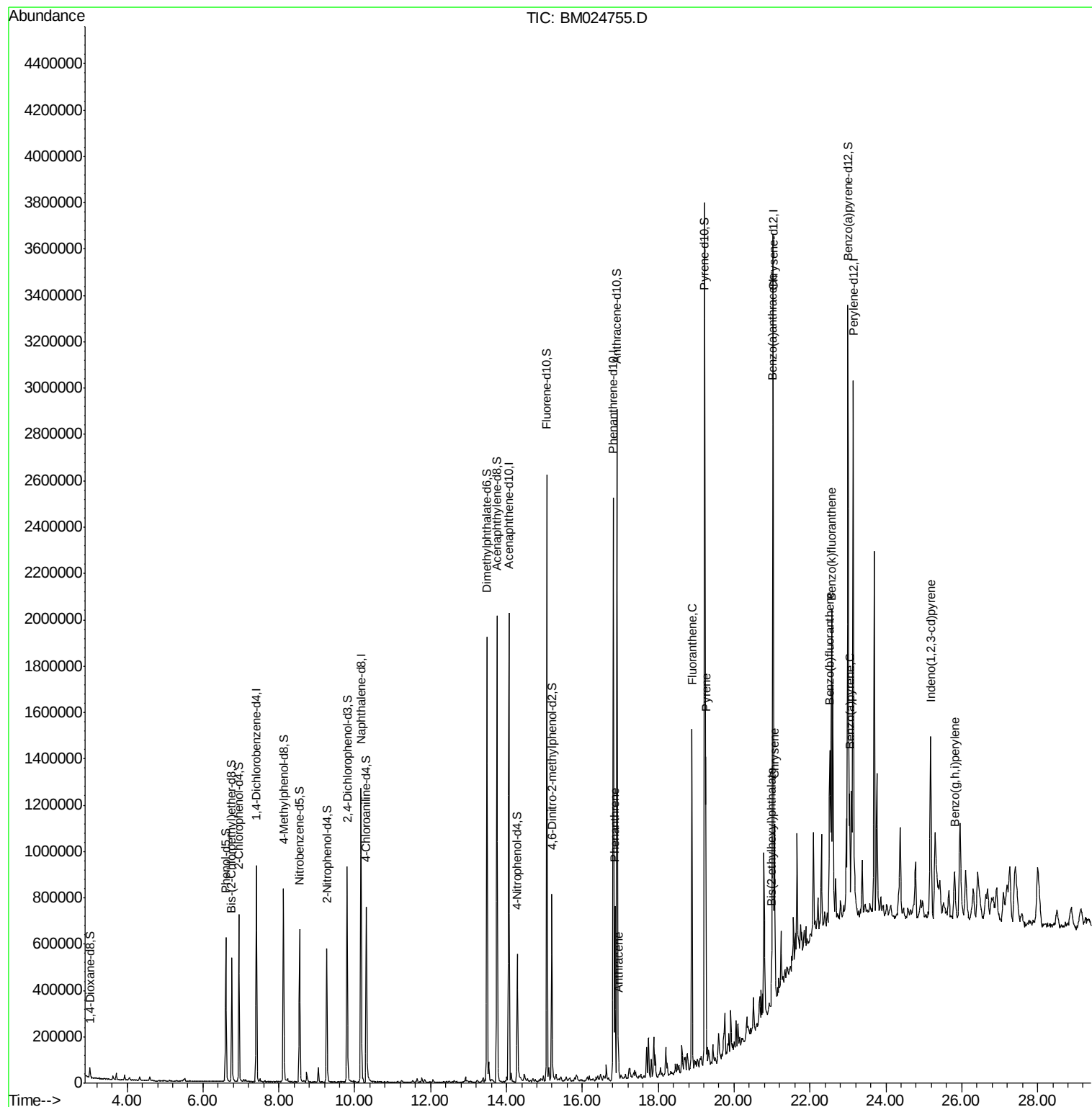
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024755.D
Acq On : 07 Feb 2020 10:42
Operator : CG/JU
Sample : L1399-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

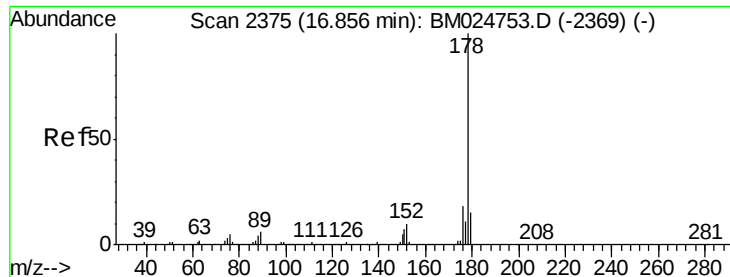
Instrument :
BNA_M
ClientSampleID :
CB6F2

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Quant Time: Feb 07 16:08:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
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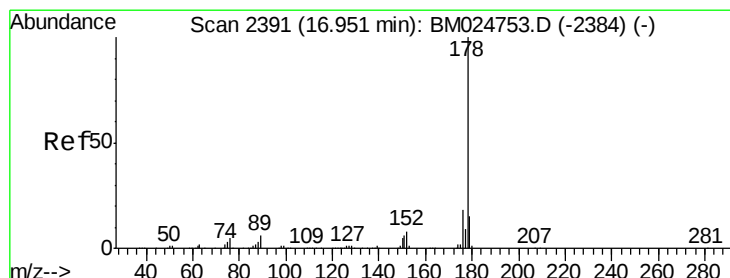
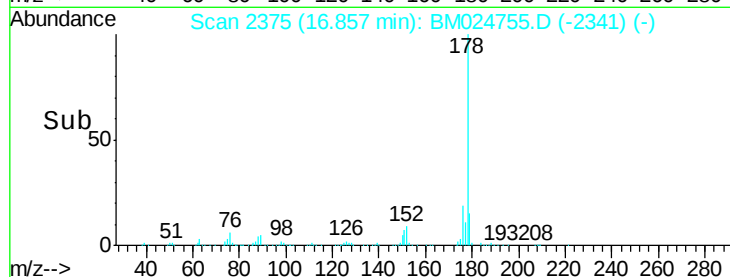
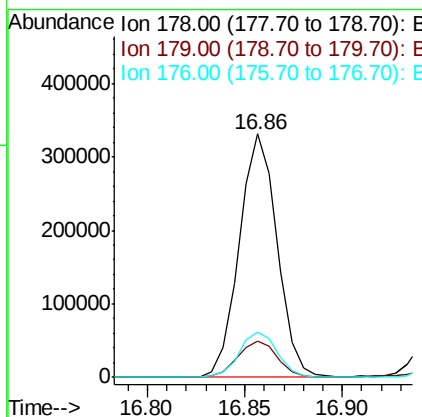
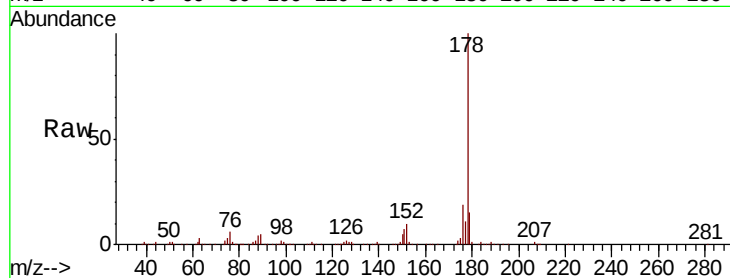
#70
Phenanthrene
Concen: 5.302 ng/ul
RT: 16.86 min Scan# 2375
Delta R.T. 0.00 min
Lab File: BM024755.D
Acq: 07 Feb 2020 10:42

Instrument :
BNA_M
ClientSampleId :
CB6F2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.2
176	18.6	14.5	21.7

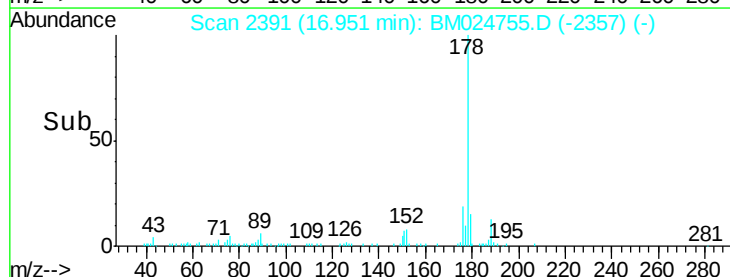
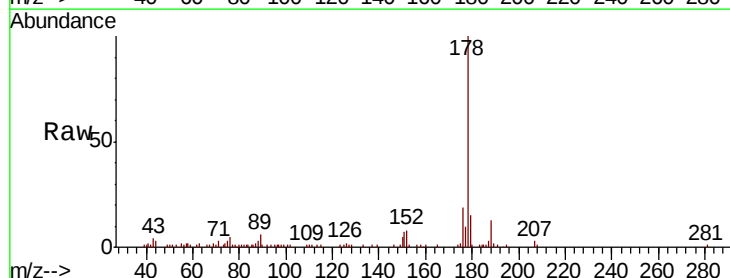
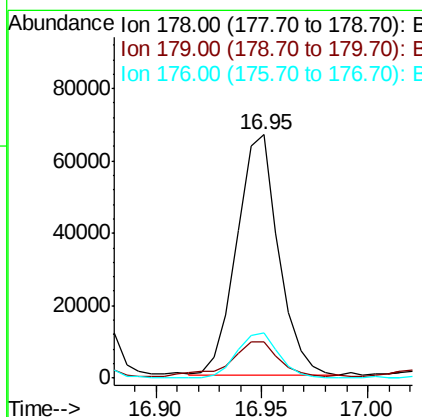
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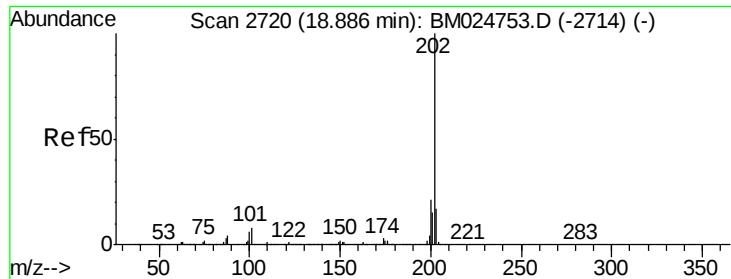
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#72
Anthracene
Concen: 1.080 ng/ul
RT: 16.95 min Scan# 2391
Delta R.T. 0.00 min
Lab File: BM024755.D
Acq: 07 Feb 2020 10:42

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.3	18.5
176	18.5	14.1	21.1





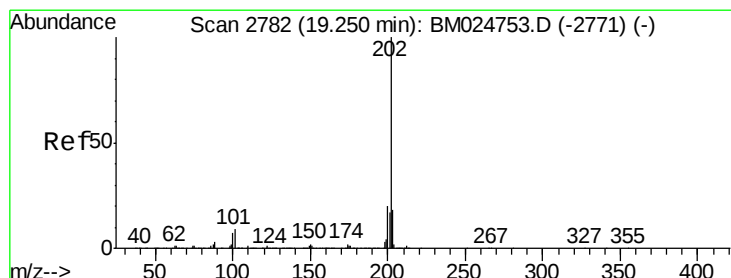
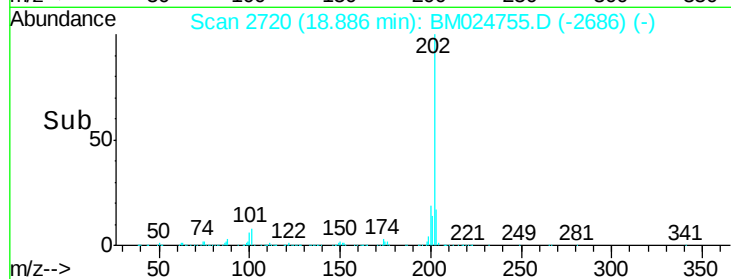
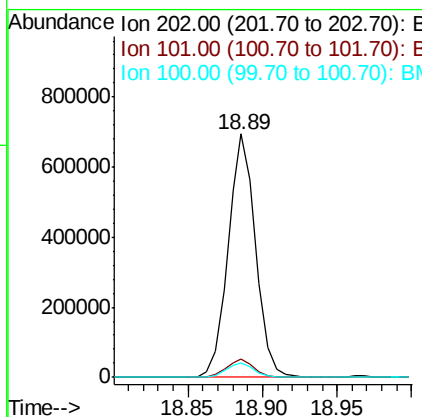
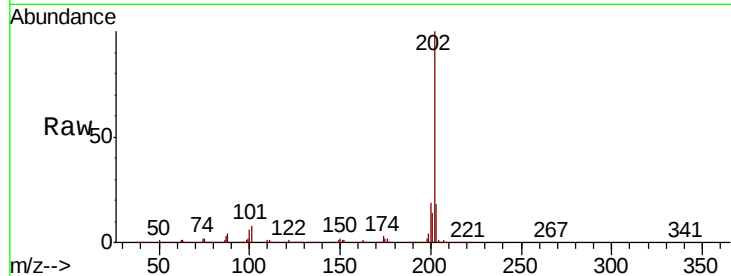
#77
 Fluoranthene
 Concen: 8.725 ng/ul
 RT: 18.89 min Scan# 2720
 Delta R.T. 0.00 min
 Lab File: BM024755.D
 Acq: 07 Feb 2020 10:42

Instrument :
 BNA_M
 ClientSampleId :
 CB6F2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		890563		
101	7.8	6.1	9.1		
100	5.7	4.8	7.2		

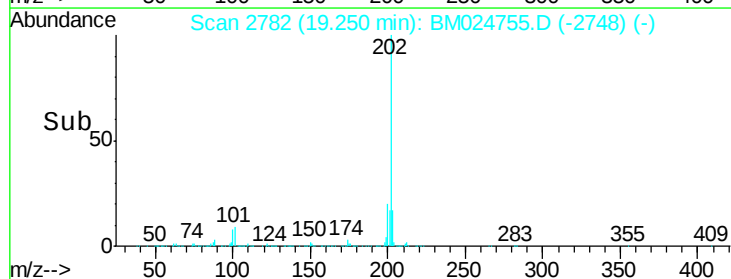
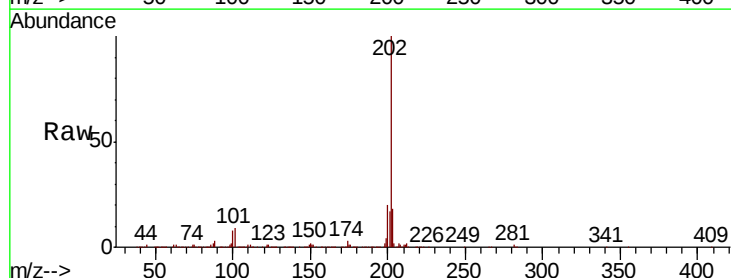
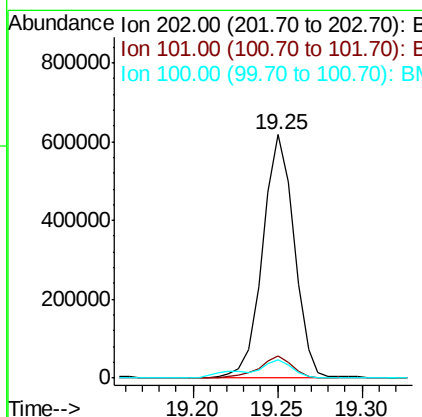
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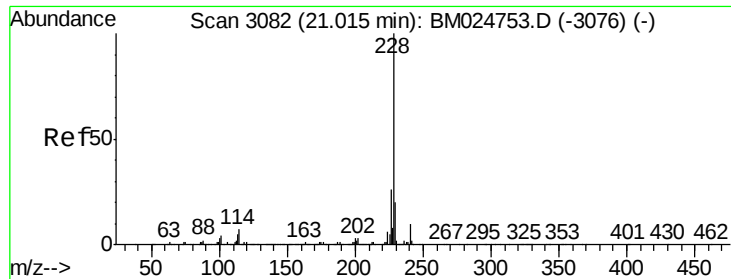
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#80
 Pyrene
 Concen: 8.337 ng/ul
 RT: 19.25 min Scan# 2782
 Delta R.T. 0.00 min
 Lab File: BM024755.D
 Acq: 07 Feb 2020 10:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		795487		
101	9.0	7.0	10.4		
100	7.6	5.8	8.8		





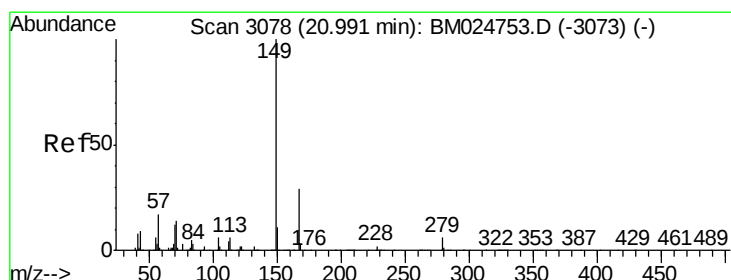
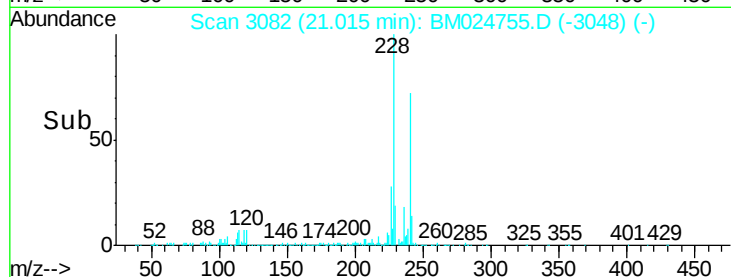
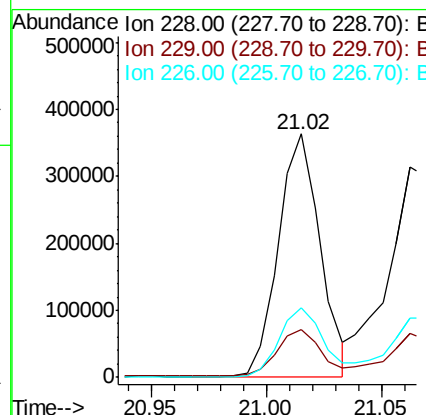
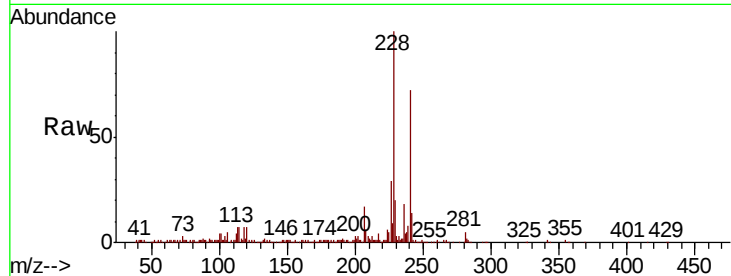
#83
Benzo(a)anthracene
Concen: 4.671 ng/u1
RT: 21.02 min Scan# 3082
Delta R.T. 0.00 min
Lab File: BM024755.D
Acq: 07 Feb 2020 10:42

Instrument :
BNA_M
ClientSampled :
CB6F2

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.9	23.9
226	28.8	20.8	31.2

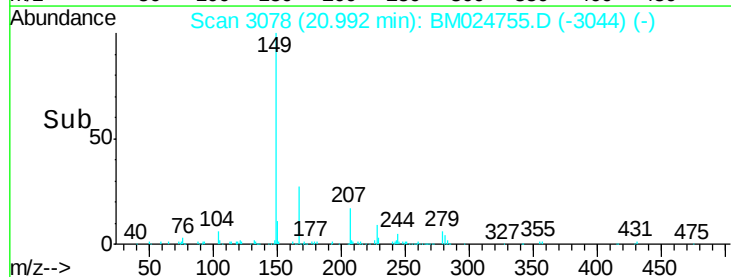
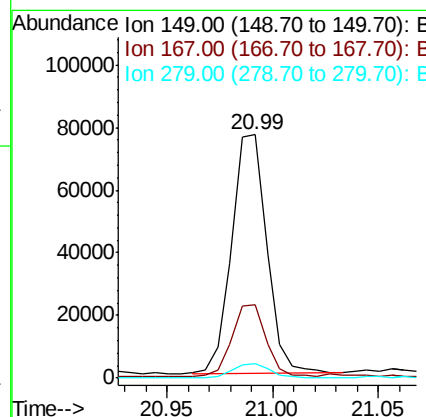
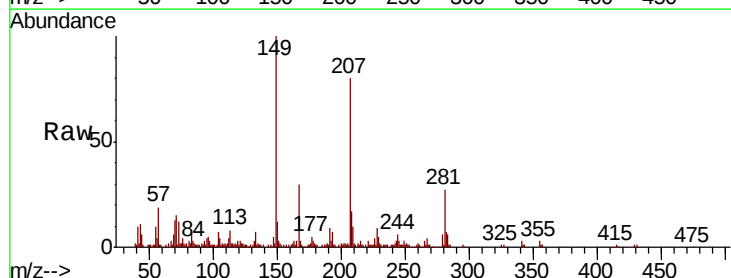
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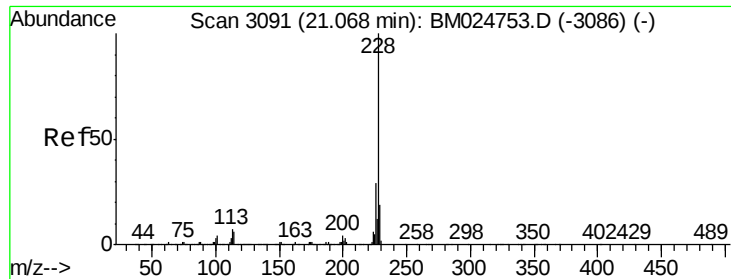
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#84
Bis(2-ethylhexyl)phthalate
Concen: 1.554 ng/u1
RT: 20.99 min Scan# 3078
Delta R.T. 0.00 min
Lab File: BM024755.D
Acq: 07 Feb 2020 10:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.0	23.4	35.2
279	6.1	4.7	7.1





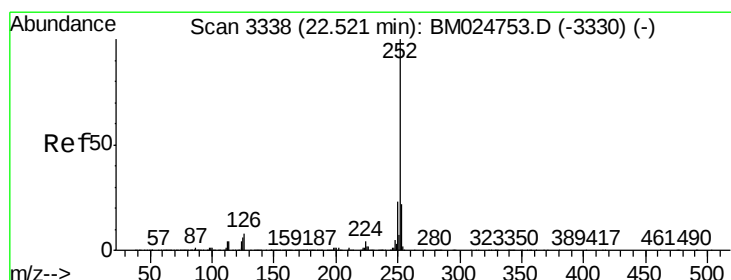
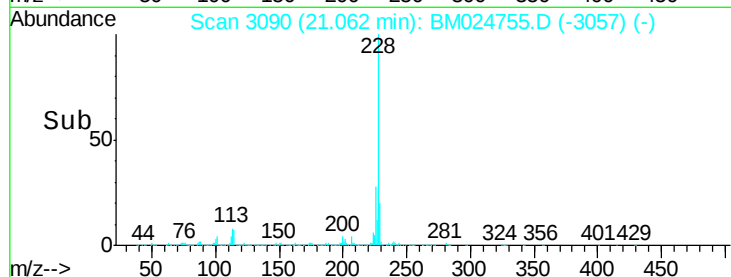
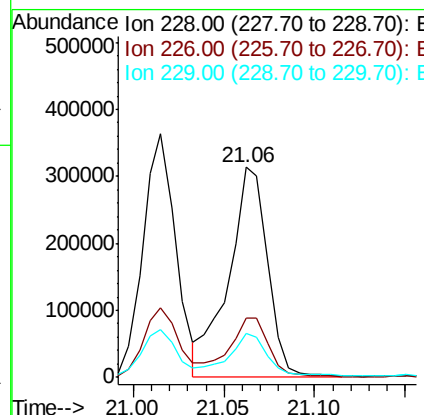
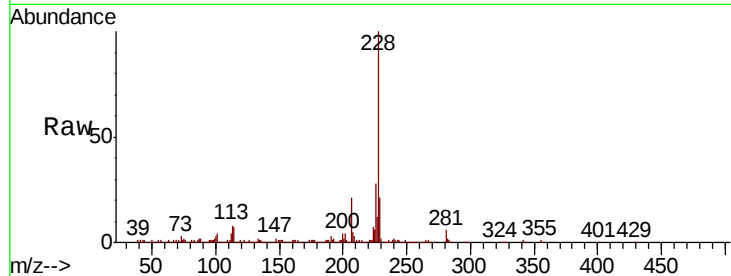
#85
Chrysene
Concen: 4.885 ng/ul
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM024755.D
Acq: 07 Feb 2020 10:42

Instrument :
BNA_M
ClientSampleID :
CB6F2

Tot Ion:	228	Resp:	466964
Ion Ratio	Lower	Upper	
228	100		
226	28.2	23.0	34.4
229	20.8	15.8	23.8

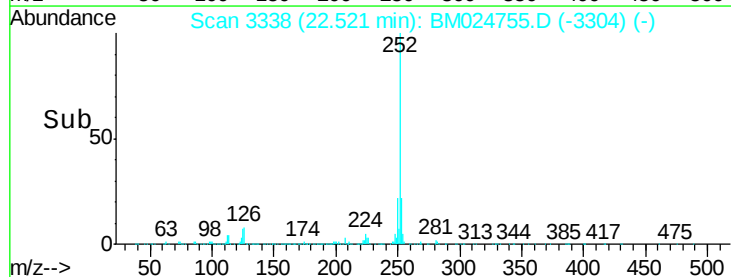
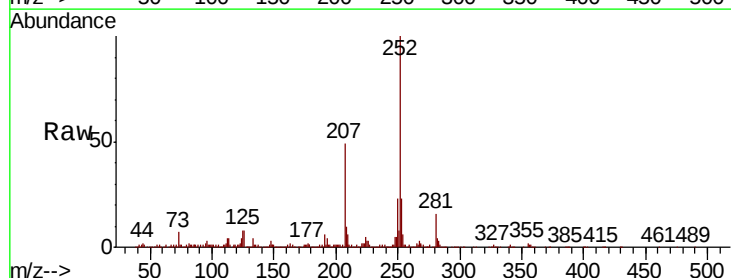
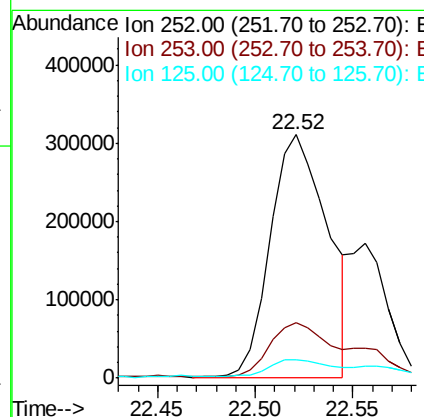
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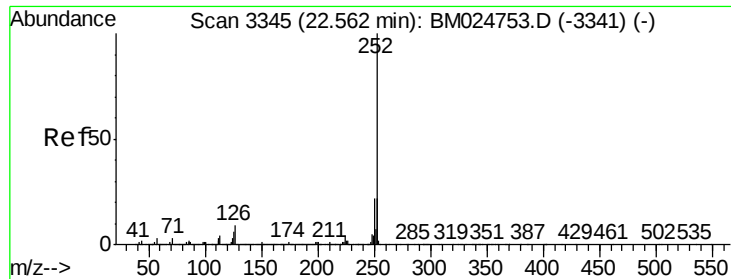
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#88
Benzo(b)fluoranthene
Concen: 6.243 ng/ul
RT: 22.52 min Scan# 3338
Delta R.T. 0.00 min
Lab File: BM024755.D
Acq: 07 Feb 2020 10:42

Tgt Ion:	252	Resp:	628357
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.3	25.9
125	7.6	5.1	7.7





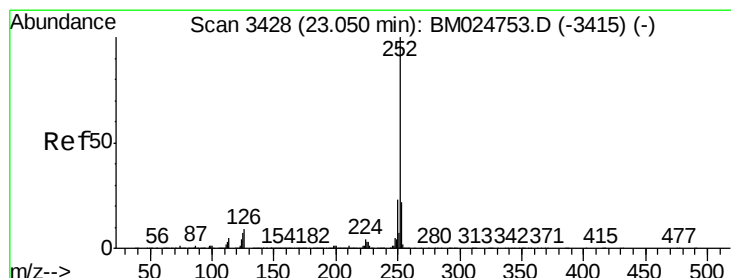
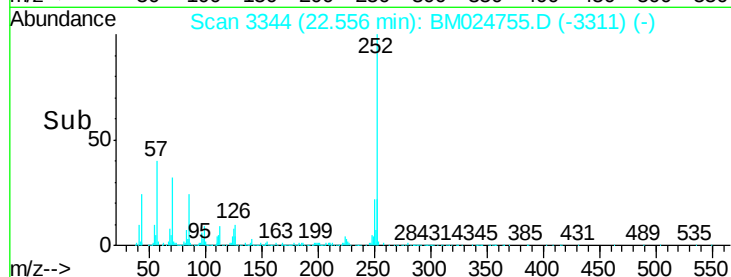
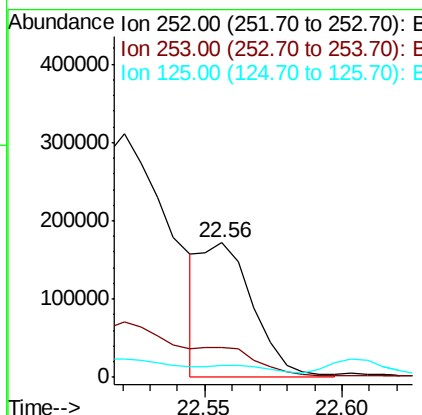
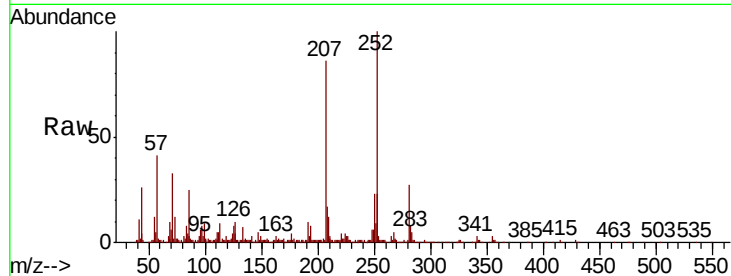
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Benzo(k)fluoranthene
Concen: 2.335 ng/ul m
RT: 22.56 min Scan# 3344
Delta R.T. -0.01 min
Lab File: BM024755.D
Acq: 07 Feb 2020 10:42

Instrument :
BNA_M
ClientSampled :
CB6F2

Tot Ion	Ratio	Resp	Lower	Upper
252	100	226219		
253	22.6	17.4	26.0	
125	8.5	5.1	7.7#	

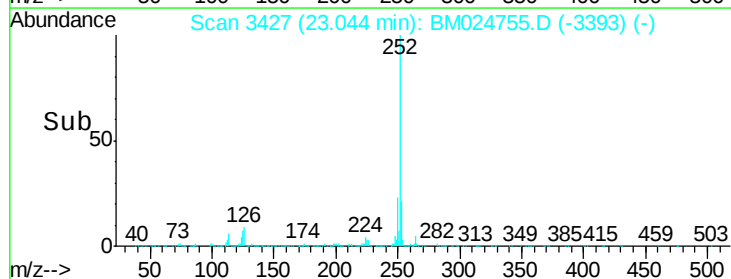
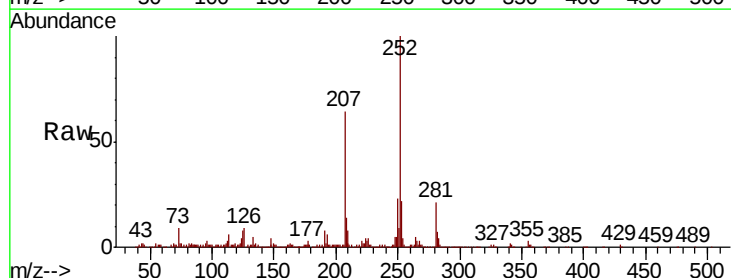
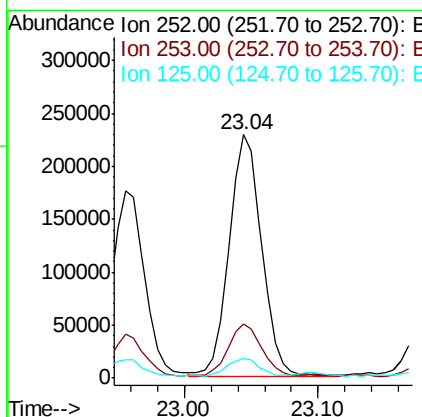
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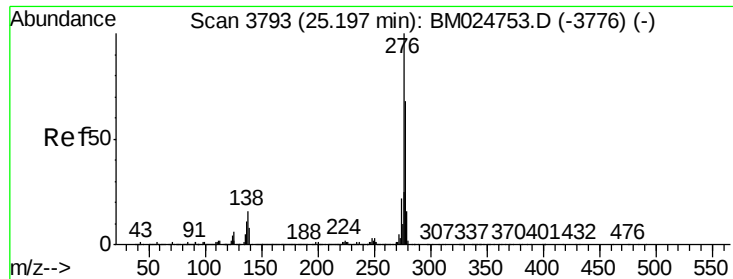
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#91
Benzo(a)pyrene
Concen: 4.288 ng/ul
RT: 23.04 min Scan# 3427
Delta R.T. 0.00 min
Lab File: BM024755.D
Acq: 07 Feb 2020 10:42

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	386895		
253	22.1	17.5	26.3	
125	7.9	5.6	8.4	





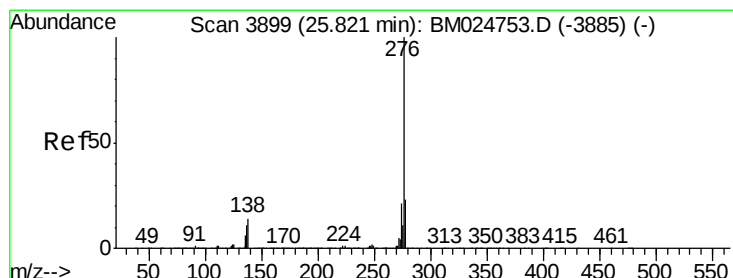
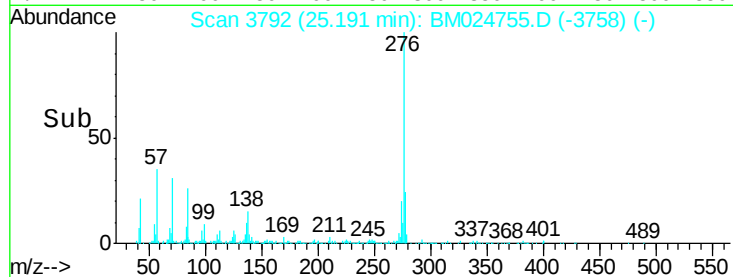
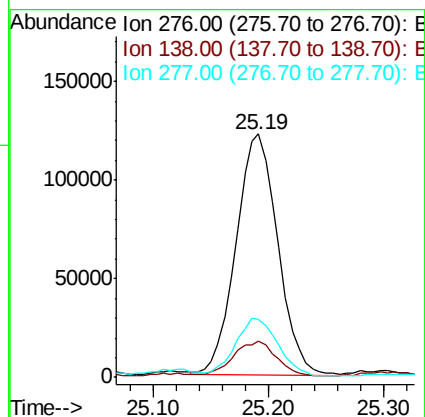
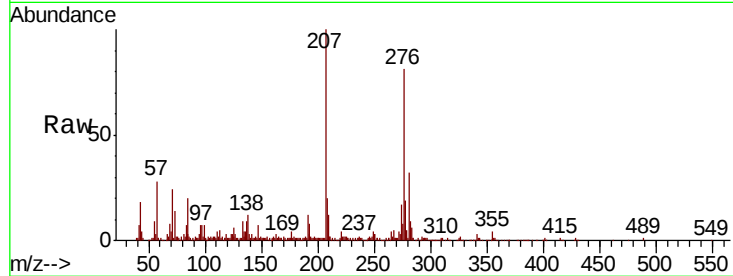
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 2.742 ng/ul
 RT: 25.19 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: BM024755.D
 Acq: 07 Feb 2020 10:42

Instrument :
 BNA_M
 ClientSampleId :
 CB6F2

Tot Ion:276	Resp:	308042
Ion Ratio	Lower	Upper
276 100		
138 14.8	12.8	19.2
277 24.0	19.3	28.9

Manual Integrations
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#94
 Benzo(g,h,i)perylene
 Concen: 2.698 ng/ul
 RT: 25.81 min Scan# 3897
 Delta R.T. -0.01 min
 Lab File: BM024755.D
 Acq: 07 Feb 2020 10:42

Tgt Ion:276	Resp:	252039
Ion Ratio	Lower	Upper
276 100		
138 15.0	11.8	17.6
277 23.7	19.0	28.6

