

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024749.D
 Acq On : 07 Feb 2020 06:28
 Operator : CG/JU
 Sample : L1398-17
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6F1

Manual Integrations
 APPROVED

mohammad
 2/10/2020 8:22:16 AM

Quant Time: Feb 07 15:58:16 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	272168	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1064672	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	718058	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1564614	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1484408	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1611323	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	24426	4.32	ng/uL	0.00
5) Phenol-d5	6.60	99	445862	24.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	267127	26.16	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	411106	25.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	384833	25.22	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	209145	27.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	244317	26.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	460031	25.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	523111	30.47	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1534741	28.32	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1798956	28.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	201516	22.88	ng/ul	0.00
58) Fluorene-d10	15.06	176	1347426	28.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	246589	24.18	ng/ul	0.00
71) Anthracene-d10	16.92	188	2066853	28.94	ng/ul	0.00
79) Pyrene-d10	19.22	212	2382580	32.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	2445903	30.22	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	13.53	163	103926	1.838 ng/ul	99
70) Phenanthrene	16.86	178	491456	5.761 ng/ul	99
72) Anthracene	16.94	178	101272	1.171 ng/ul	97
77) Fluoranthene	18.89	202	979673	9.355 ng/ul	100
80) Pyrene	19.25	202	911559	9.277 ng/ul	100
83) Benzo(a)anthracene	21.02	228	499839	4.999 ng/ul	95
85) Chrysene	21.06	228	519499	5.277 ng/ul	98
88) Benzo(b)fluoranthene	22.51	252	744168	7.263 ng/ul#	98
89) Benzo(k)fluoranthene	22.55	252	225539m	2.287 ng/ul	
91) Benzo(a)pyrene	23.04	252	468503	5.100 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.19	276	360191	3.150 ng/ul	98
94) Benzo(g,h,i)perylene	25.81	276	331349	3.484 ng/ul	97

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

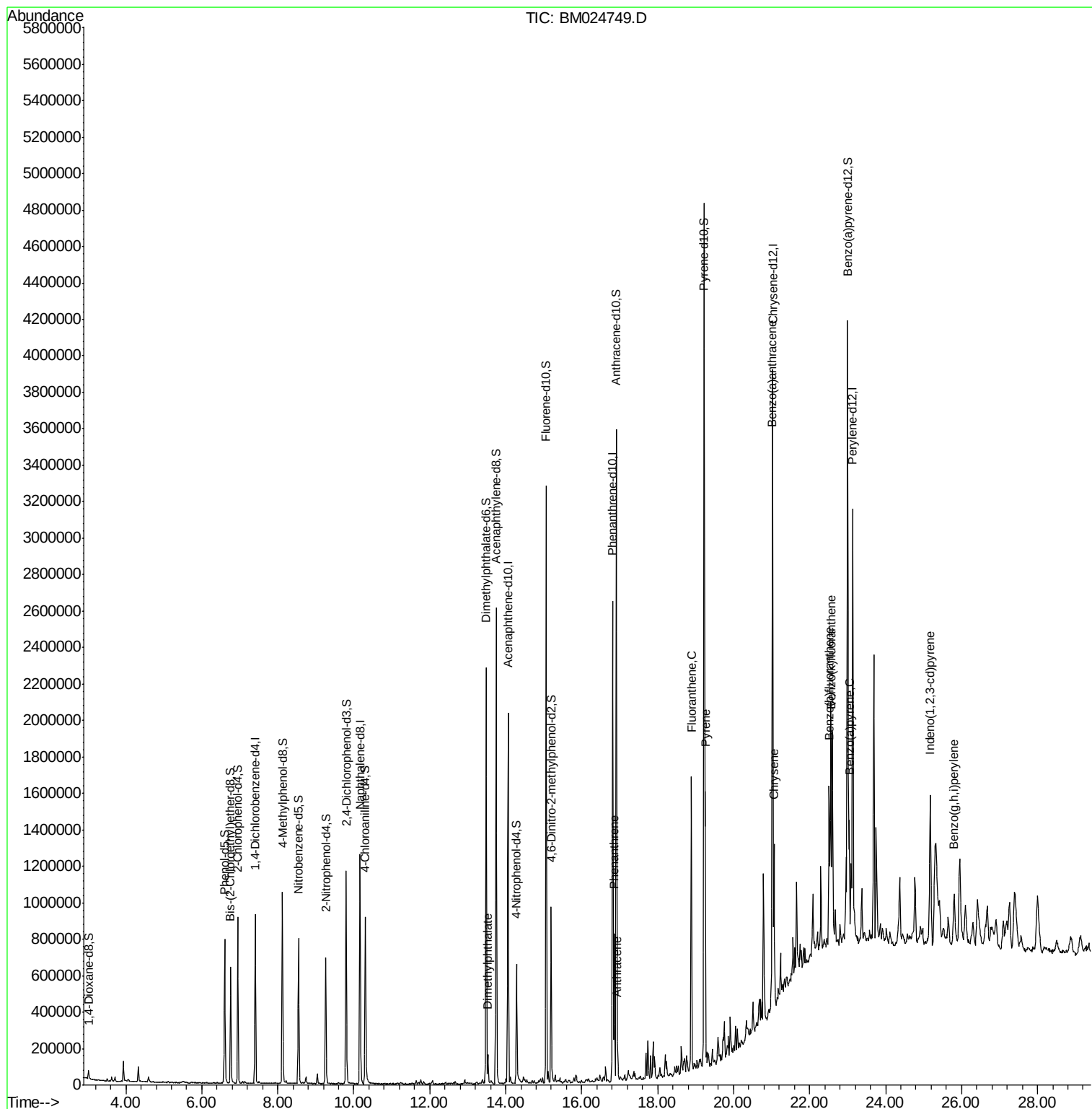
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024749.D
Acq On : 07 Feb 2020 06:28
Operator : CG/JU
Sample : L1398-17
Misc :
ALS Vial : 28 Sample Multiplier: 1

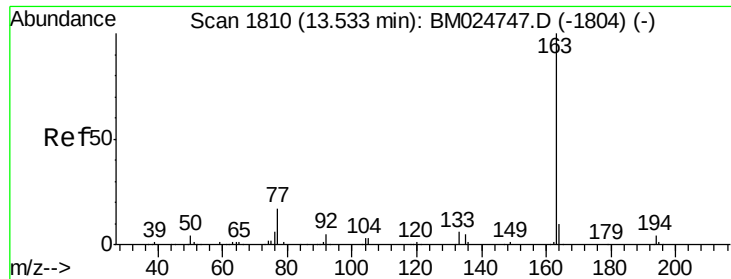
Instrument :
BNA_M
ClientSampleId :
CB6F1

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2/10/2020 8:22:16 AM

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
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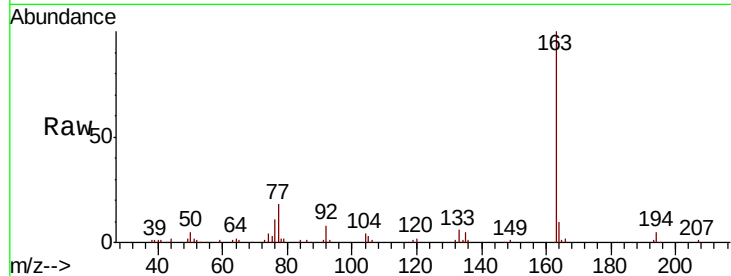
#45
Dimethylphthalate
Concen: 1.838 ng/ul
RT: 13.53 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BM024749.D
Acq: 07 Feb 2020 06:28

Instrument :
BNA_M
ClientSampled :
CB6F1

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.5	5.3
164	9.7	8.2	12.2

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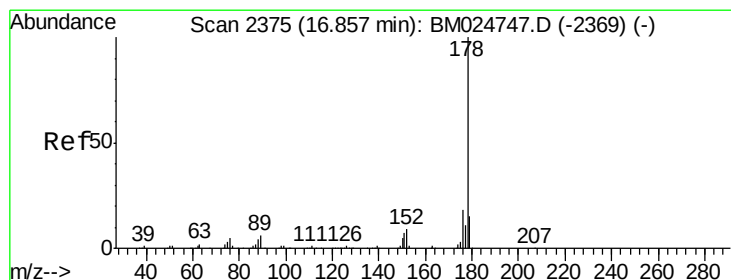
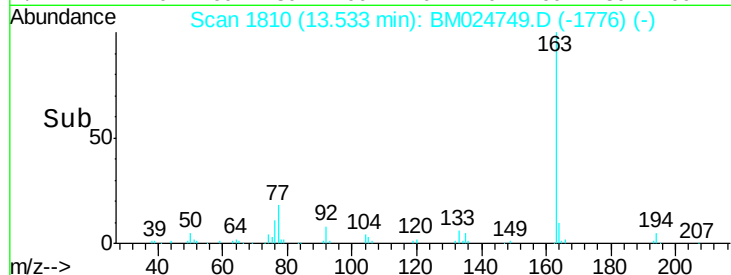
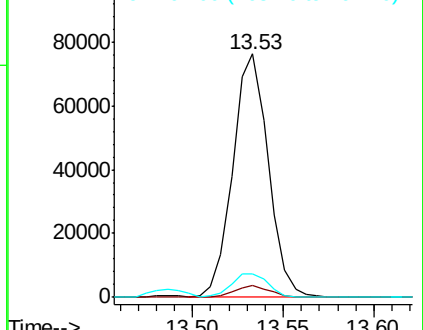


Abundance

Ion 163.00 (162.70 to 163.70): E

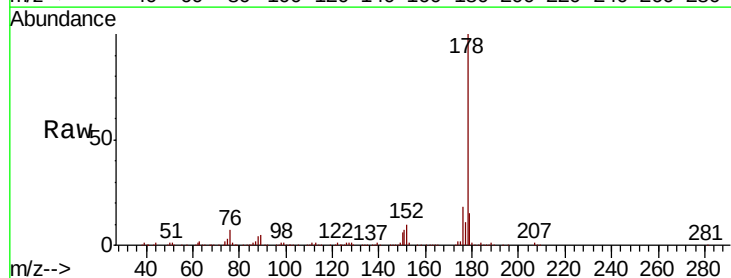
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#70
Phenanthrene
Concen: 5.761 ng/ul
RT: 16.86 min Scan# 2375
Delta R.T. 0.00 min
Lab File: BM024749.D
Acq: 07 Feb 2020 06:28

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.2
176	18.3	14.5	21.7

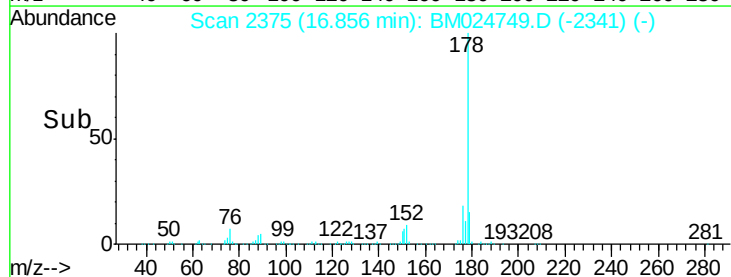
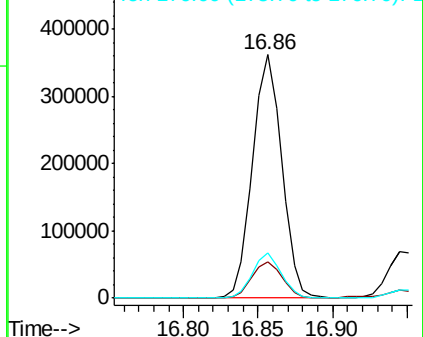


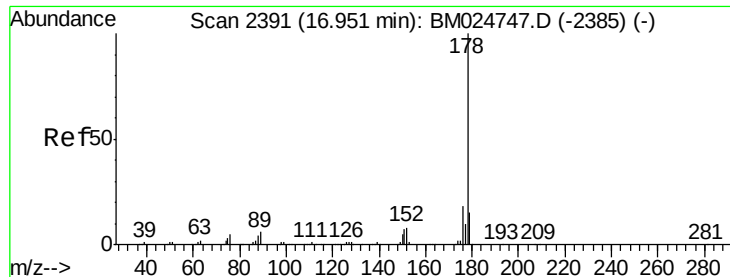
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.171 ng/ul

RT: 16.94 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BM024749.D

Acq: 07 Feb 2020 06:28

Instrument :

BNA_M

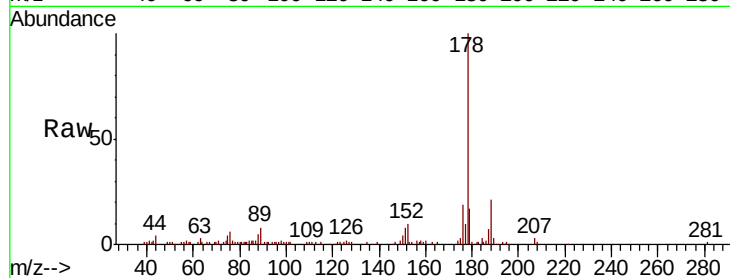
ClientSampleId :

CB6F1

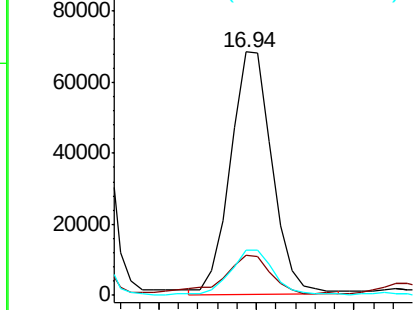
Tot Ion:	178	Resp:	101272
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.3	18.5
176	18.8	14.1	21.1

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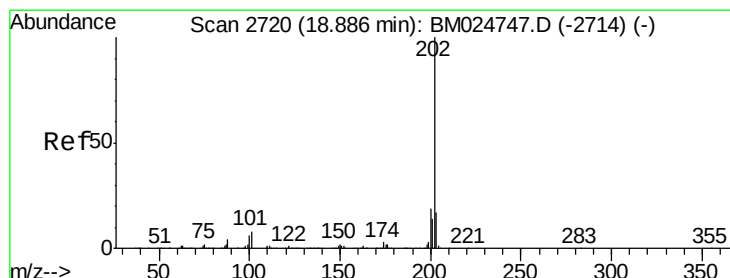
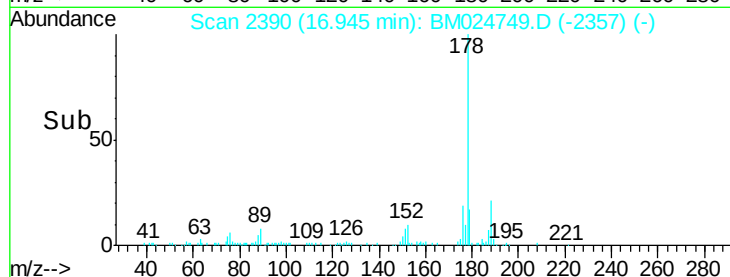
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->



#77

Fluoranthene

Concen: 9.355 ng/ul

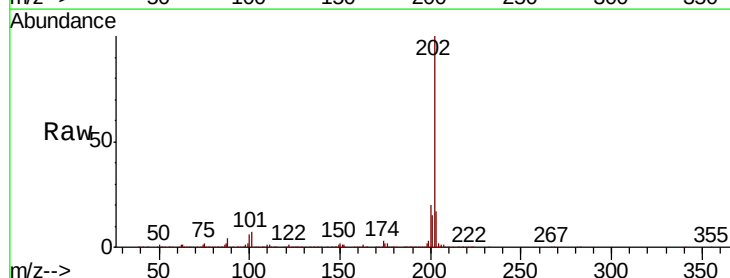
RT: 18.89 min Scan# 2720

Delta R.T. 0.00 min

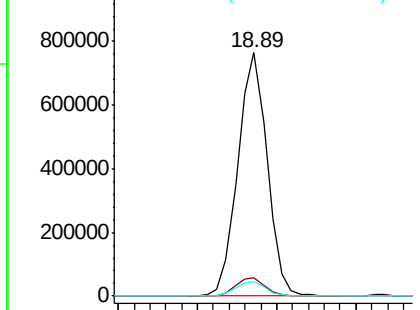
Lab File: BM024749.D

Acq: 07 Feb 2020 06:28

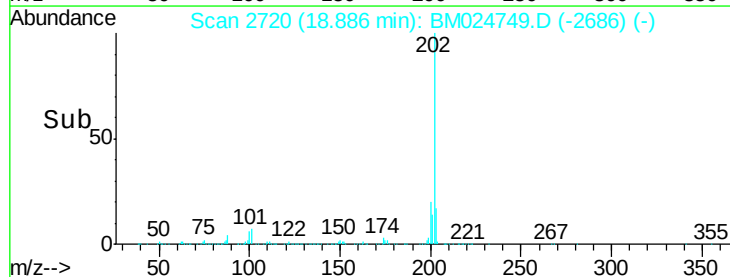
Tgt Ion:	202	Resp:	979673
Ion Ratio	Lower	Upper	
202	100		
101	7.5	6.1	9.1
100	5.8	4.8	7.2

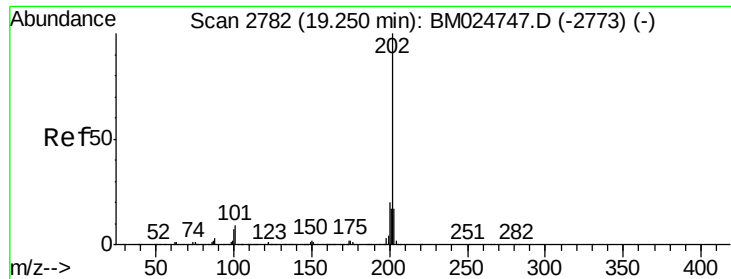


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->





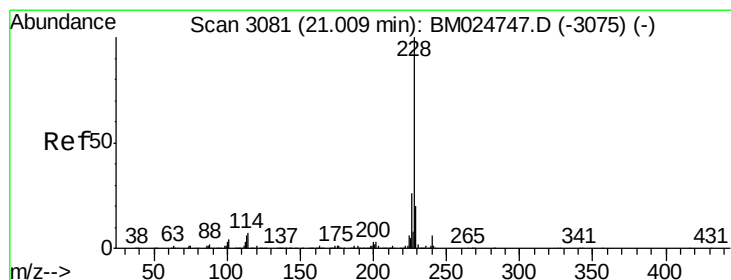
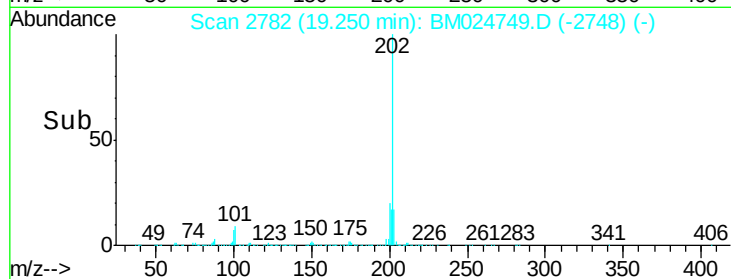
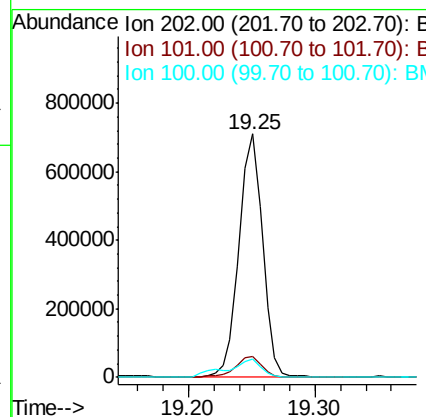
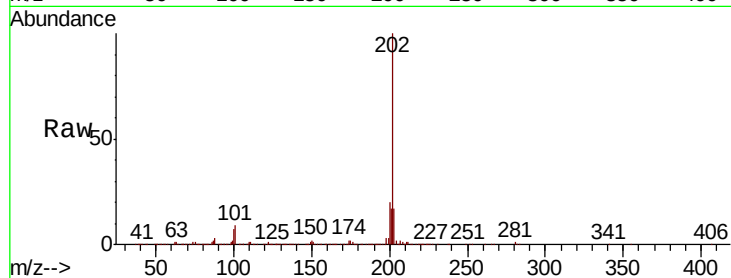
#80
Pvrene
Concen: 9.277 ng/ul
RT: 19.25 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BM024749.D
Acq: 07 Feb 2020 06:28

Instrument :
BNA_M
ClientSampleId :
CB6F1

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.6	7.0	10.4
100	7.3	5.8	8.8

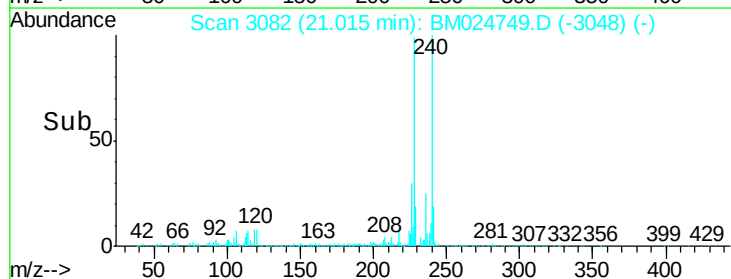
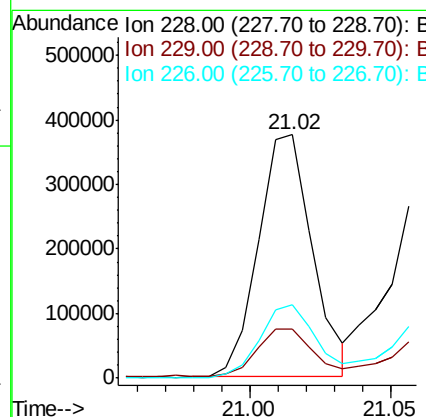
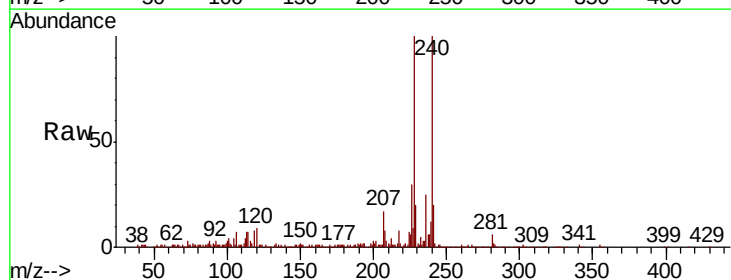
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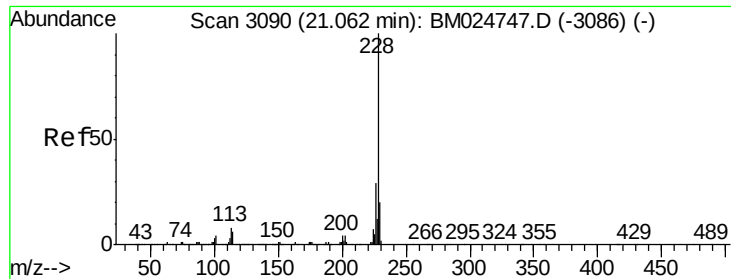
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#83
Benzo(a)anthracene
Concen: 4.999 ng/ul
RT: 21.02 min Scan# 3082
Delta R.T. 0.00 min
Lab File: BM024749.D
Acq: 07 Feb 2020 06:28

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.9	23.9
226	30.2	20.8	31.2





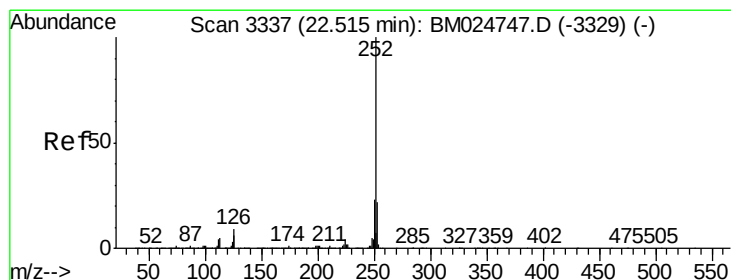
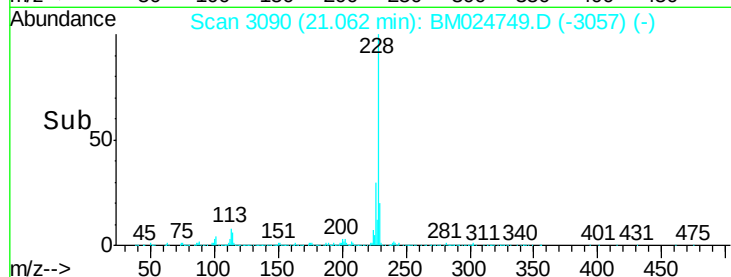
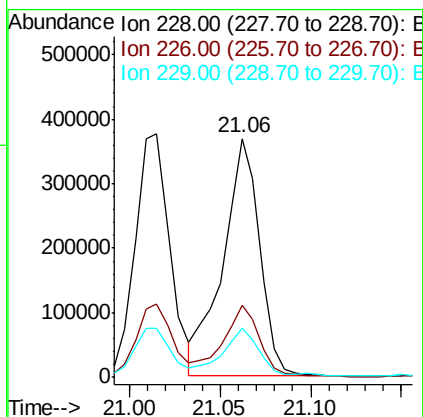
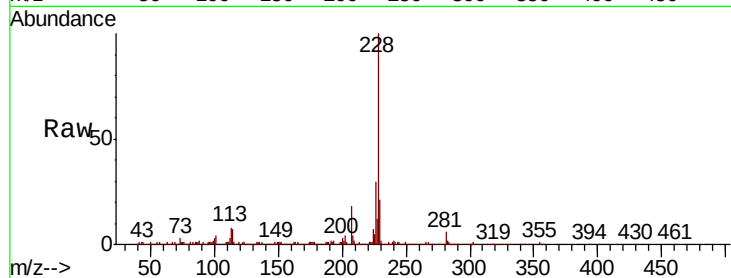
#85
Chrysene
Concen: 5.277 ng/ul
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM024749.D
Acq: 07 Feb 2020 06:28

Instrument :
BNA_M
ClientSampled :
CB6F1

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.0	34.4
229	20.6	15.8	23.8

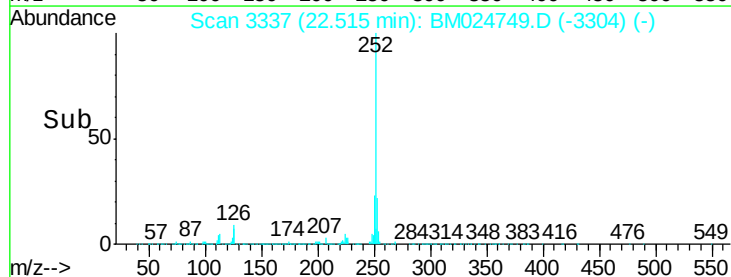
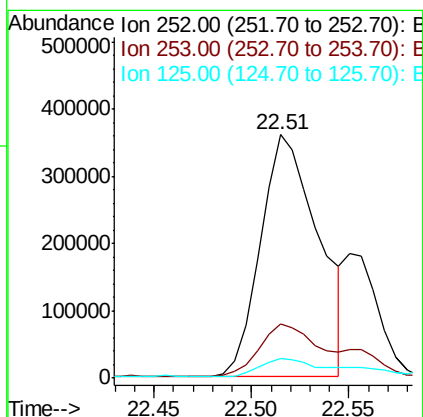
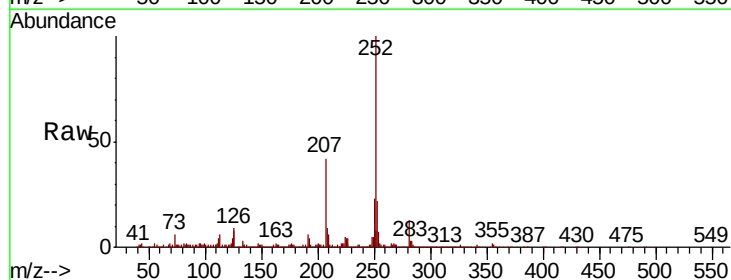
Manual Integrations
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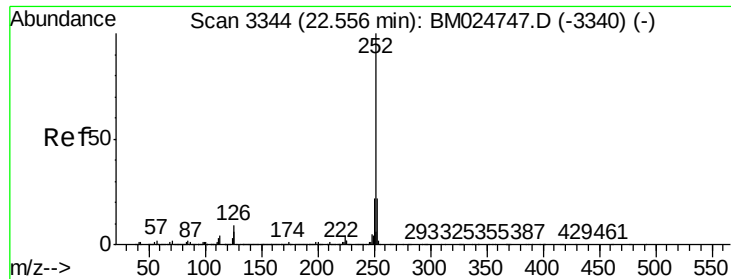
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#88
Benzo(b)fluoranthene
Concen: 7.263 ng/ul
RT: 22.51 min Scan# 3337
Delta R.T. -0.01 min
Lab File: BM024749.D
Acq: 07 Feb 2020 06:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	7.9	5.1	7.7#





#89

Benzo(k)fluoranthene

Concen: 2.287 ng/ul m

RT: 22.55 min Scan# 3343

Delta R.T. -0.01 min

Lab File: BM024749.D

Acq: 07 Feb 2020 06:28

Instrument :

BNA_M

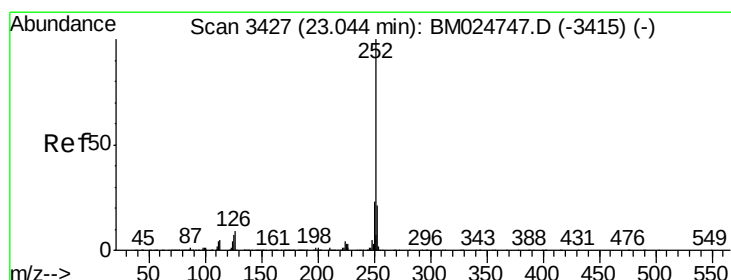
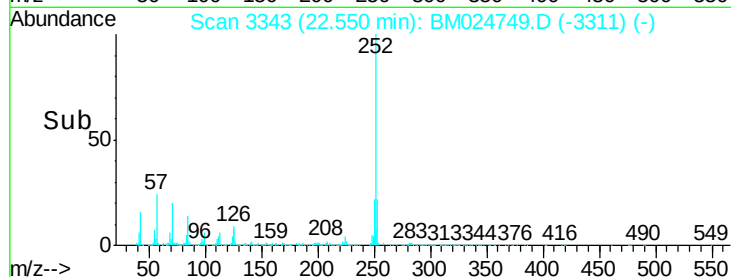
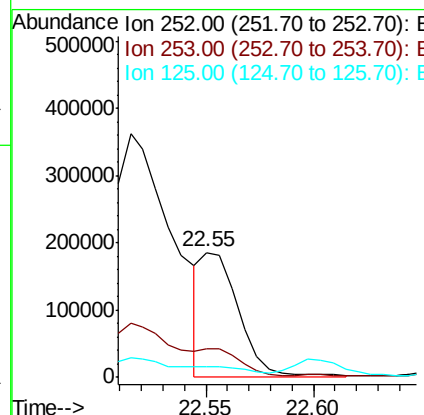
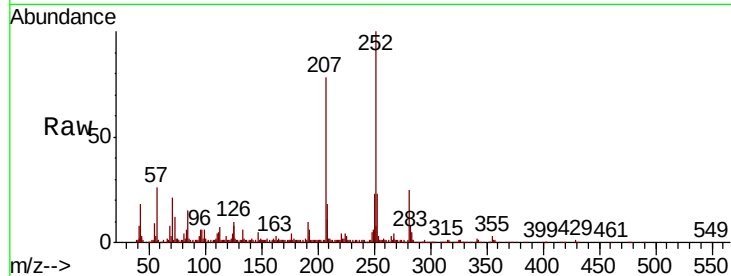
ClientSampled :

CB6F1

Tot Ion:	252	Resp:	225539
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.4	26.0
125	8.4	5.1	7.7#

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#91

Benzo(a)pyrene

Concen: 5.100 ng/ul

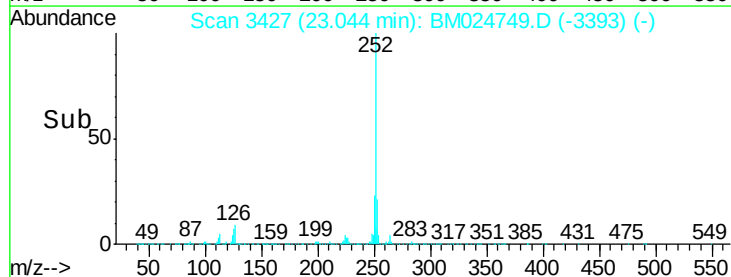
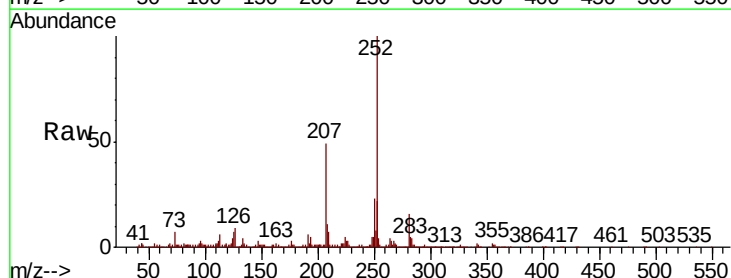
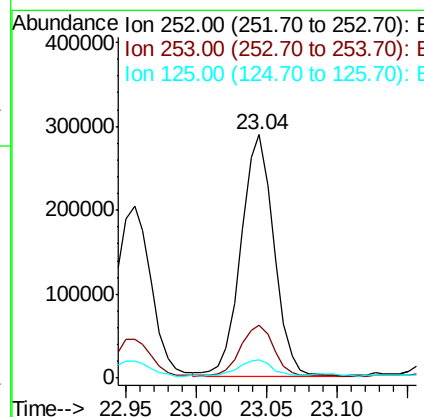
RT: 23.04 min Scan# 3427

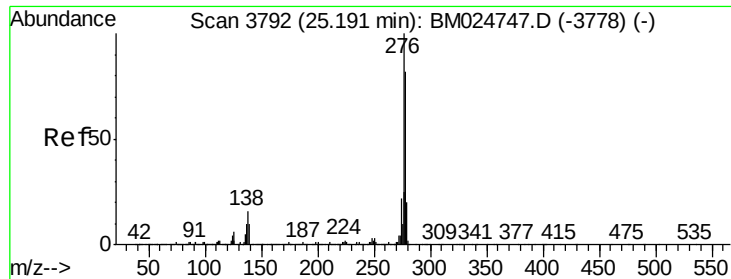
Delta R.T. 0.00 min

Lab File: BM024749.D

Acq: 07 Feb 2020 06:28

Tgt Ion:	252	Resp:	468503
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.5	26.3
125	7.5	5.6	8.4





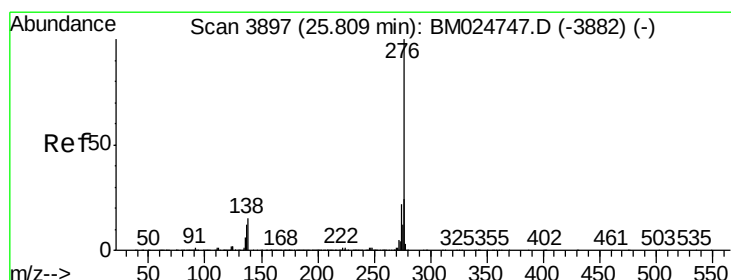
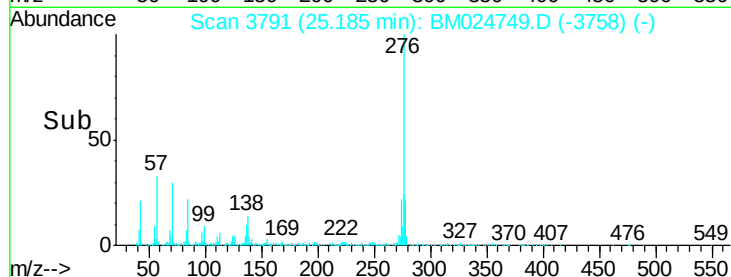
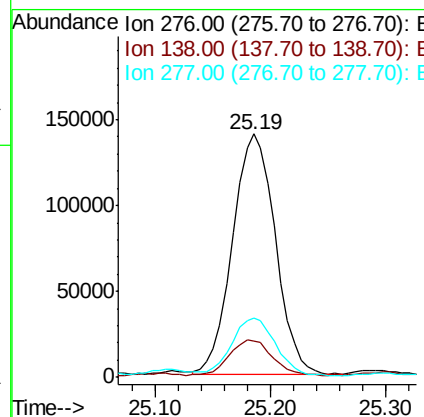
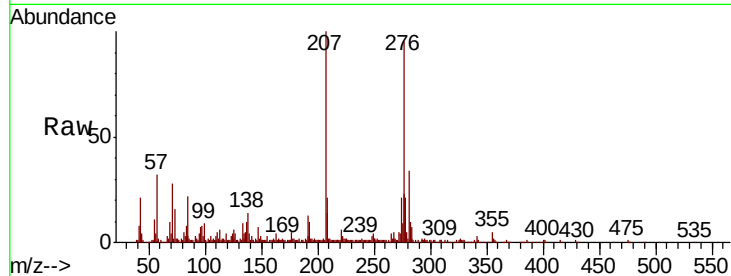
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 3.150 ng/ul
 RT: 25.19 min Scan# 3791
 Delta R.T. -0.01 min
 Lab File: BM024749.D
 Acq: 07 Feb 2020 06:28

Instrument :
 BNA_M
 ClientSampled :
 CB6F1

Tot Ion:276	Resp:	360191
Ion Ratio	Lower	Upper
276	100	
138	14.8	12.8 19.2
277	24.4	19.3 28.9

Manual Integrations
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#94
 Benzo(g,h,i)perylene
 Concen: 3.484 ng/ul
 RT: 25.81 min Scan# 3897
 Delta R.T. -0.01 min
 Lab File: BM024749.D
 Acq: 07 Feb 2020 06:28

Tgt Ion:276	Resp:	331349
Ion Ratio	Lower	Upper
276	100	
138	16.5	11.8 17.6
277	24.7	19.0 28.6

