

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024797.D
 Acq On : 08 Feb 2020 13:51
 Operator : CG/JU
 Sample : L1400-16
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6J2

Manual Integrations
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mohammad
 2/11/2020 8:22:47 AM

Quant Time: Feb 10 01:24:30 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	7.40	152	314192	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1229363	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	830949	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1854304	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1816204	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1883621	20.00	ng/ul	0.00

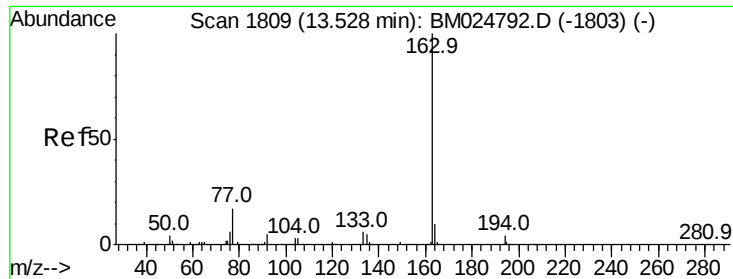
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	21178	3.24	ng/uL	0.00
5) Phenol-d5	6.60	99	409529	19.62	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	261115	22.15	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	373721	19.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	314827	17.88	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	196896	22.15	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	235183	22.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	412576	19.47	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	498672	25.16	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1455194	23.20	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1552458	21.19	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	202797	19.90	ng/ul	0.00
58) Fluorene-d10	15.06	176	1228317	22.12	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.19	200	228823	18.93	ng/ul	0.00
71) Anthracene-d10	16.91	188	1865891	22.04	ng/ul	0.00
79) Pyrene-d10	19.22	212	2074484	22.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	2044645	21.61	ng/ul	-0.01

Target Compounds

					Ovalue	
45) Dimethylphthalate	13.53	163	117744	1.799	ng/ul	100
70) Phenanthrene	16.85	178	866005	8.565	ng/ul	100
72) Anthracene	16.95	178	219111	2.137	ng/ul	99
77) Fluoranthene	18.88	202	1634213	13.167	ng/ul	99
80) Pyrene	19.24	202	1301201	10.824	ng/ul	99
83) Benzo(a)anthracene	21.01	228	789821	6.456	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.98	149	86894	1.221	ng/ul	97
85) Chrysene	21.06	228	715252	5.938	ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	1013459	8.461	ng/ul#	96
89) Benzo(k)fluoranthene	22.54	252	277234m	2.405	ng/ul	
91) Benzo(a)pyrene	23.03	252	602551	5.611	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	25.17	276	450321	3.368	ng/ul	97
93) Dibenzo(a,h)anthracene	25.18	278	127451	1.119	ng/ul#	93
94) Benzo(g,h,i)perylene	25.79	276	340642	3.064	ng/ul	99

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



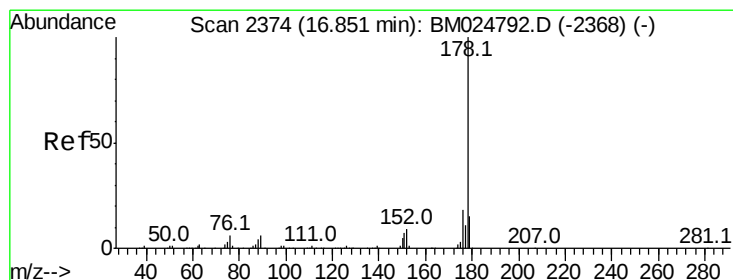
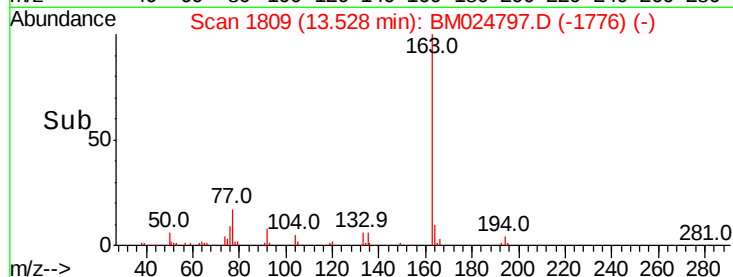
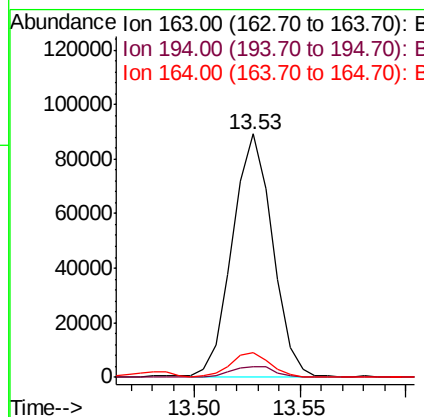
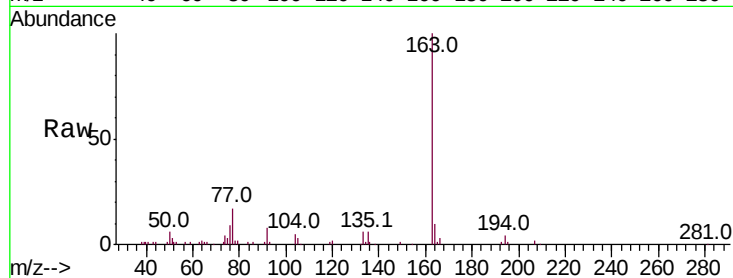
#45
Dimethylphthalate
Concen: 1.799 ng/ul
RT: 13.53 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BM024797.D
Acq: 08 Feb 2020 13:51

Instrument :
BNA_M
ClientSampleId :
CB6J2

Tot Ion:	163	Resp:	117744
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	10.2	8.2	12.2

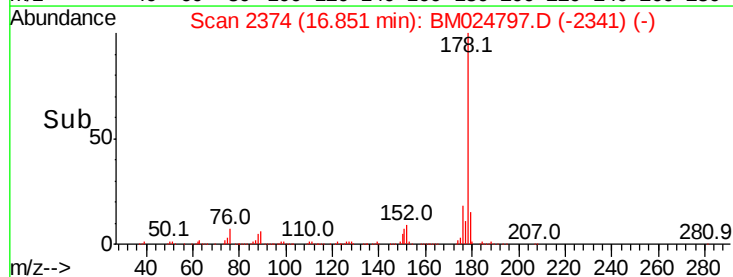
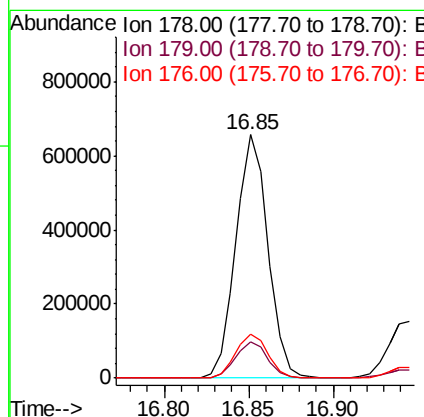
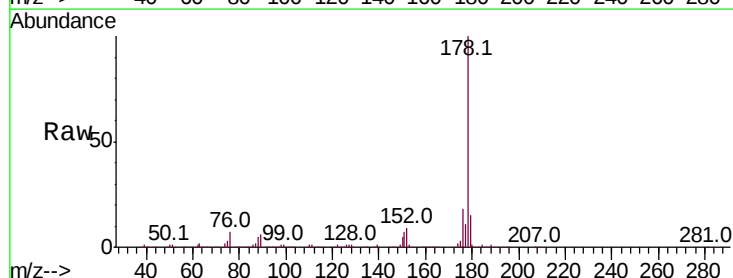
Manual Integrations
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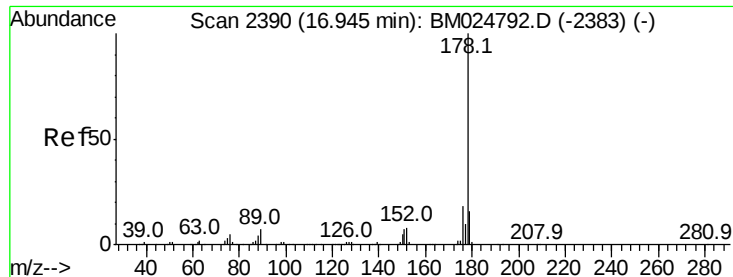
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#70
Phenanthrene
Concen: 8.565 ng/ul
RT: 16.85 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BM024797.D
Acq: 08 Feb 2020 13:51

Tgt Ion:	178	Resp:	866005
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.2	18.2
176	18.3	14.5	21.7





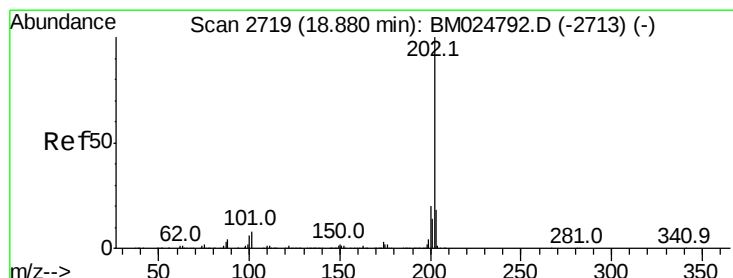
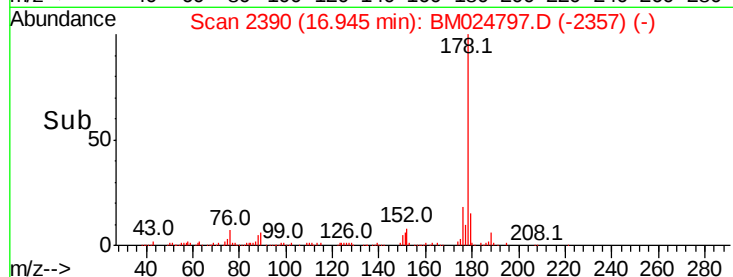
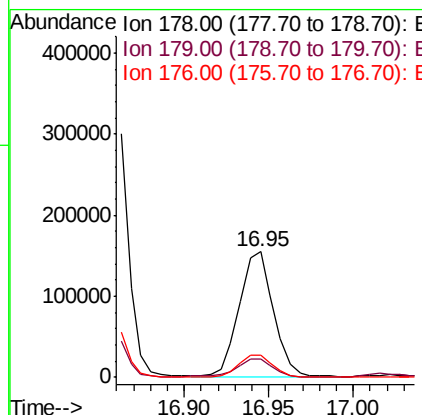
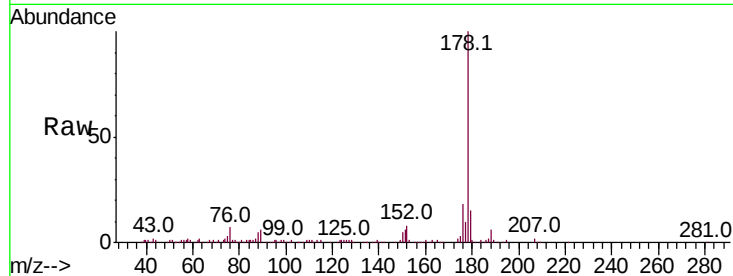
#72
 Anthracene
 Concen: 2.137 ng/ul
 RT: 16.95 min Scan# 2390
 Delta R.T. -0.01 min
 Lab File: BM024797.D
 Acq: 08 Feb 2020 13:51

Instrument :
 BNA_M
 ClientSampleId :
 CB6J2

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.3	18.5
176	17.6	14.1	21.1

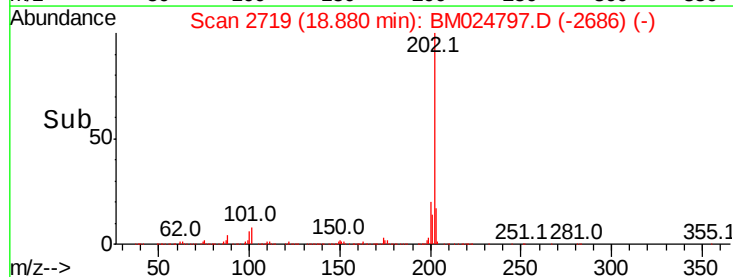
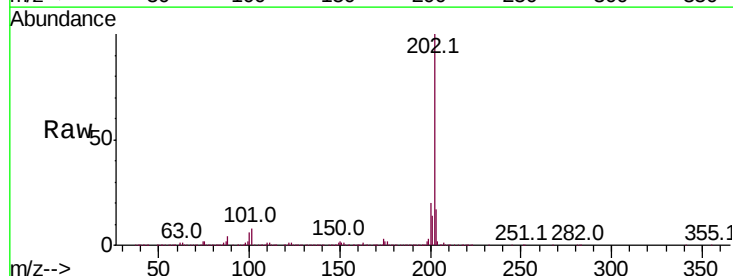
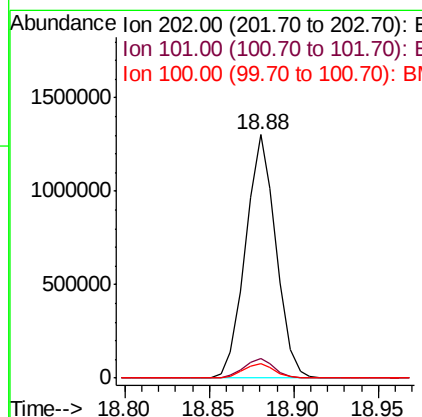
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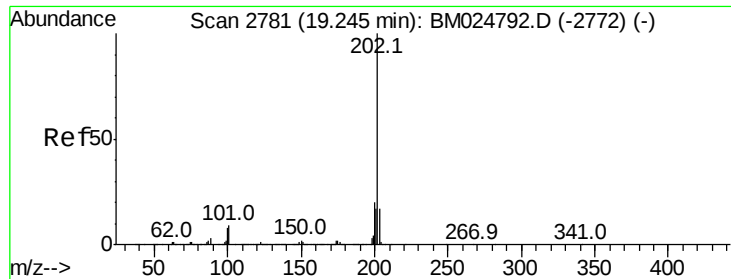
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#77
 Fluoranthene
 Concen: 13.167 ng/ul
 RT: 18.88 min Scan# 2719
 Delta R.T. -0.01 min
 Lab File: BM024797.D
 Acq: 08 Feb 2020 13:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.0	6.1	9.1
100	6.2	4.8	7.2





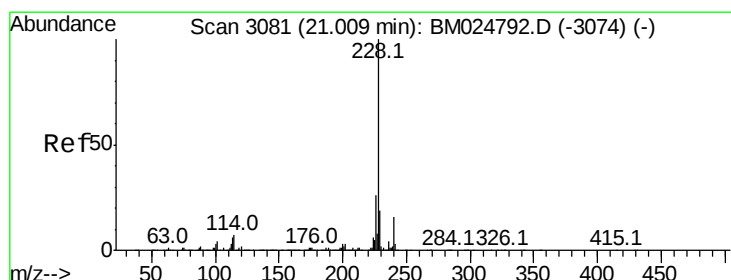
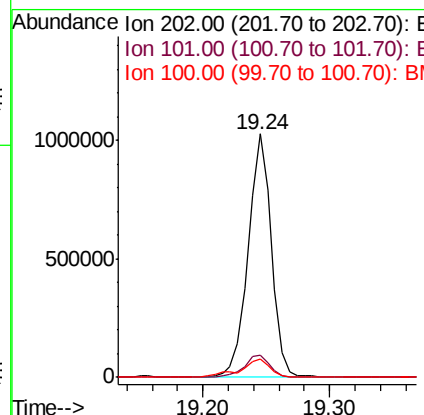
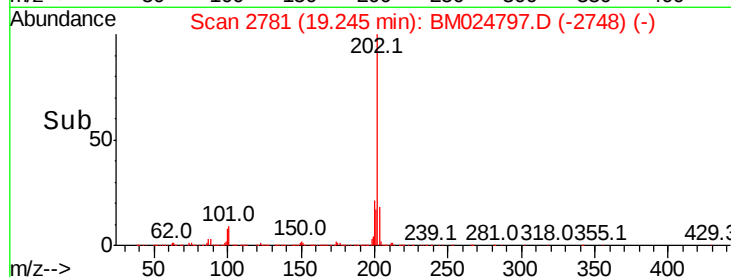
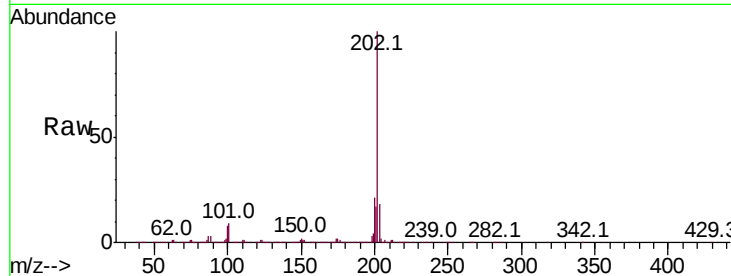
#80
Pvrene
Concen: 10.824 ng/ul
RT: 19.24 min Scan# 2781
Delta R.T. -0.01 min
Lab File: BM024797.D
Acq: 08 Feb 2020 13:51

Instrument :
BNA_M
ClientSampleId :
CB6J2

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.0	10.4
100	7.6	5.8	8.8

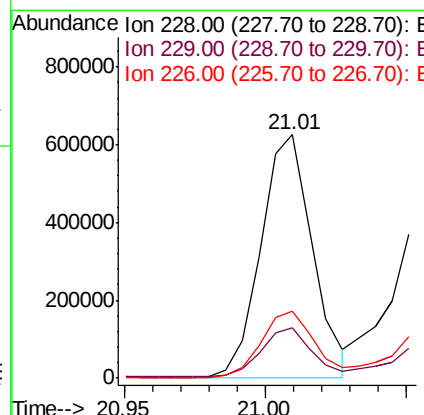
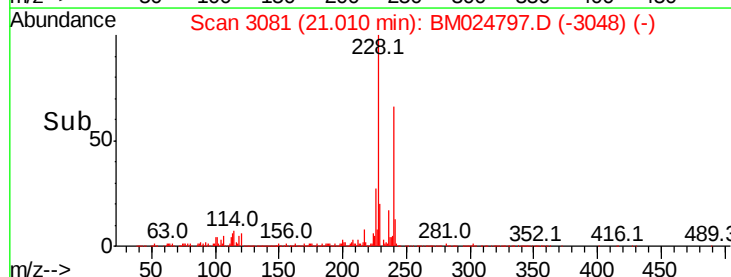
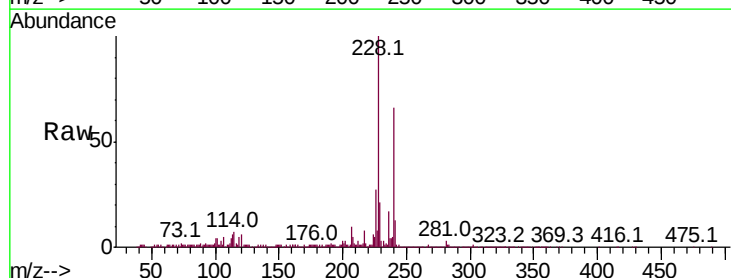
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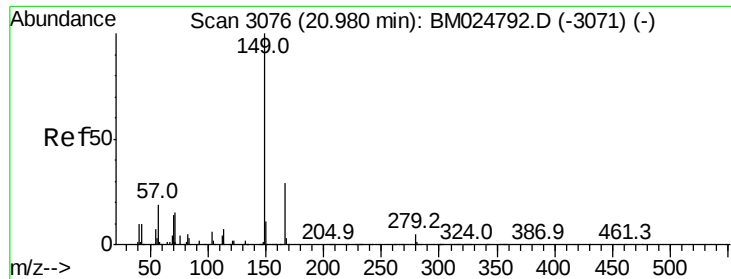
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#83
Benzo(a)anthracene
Concen: 6.456 ng/ul
RT: 21.01 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BM024797.D
Acq: 08 Feb 2020 13:51

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.9	23.9
226	27.5	20.8	31.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.221 ng/ul

RT: 20.98 min Scan# 3076

Delta R.T. -0.01 min

Lab File: BM024797.D

Acq: 08 Feb 2020 13:51

Instrument :

BNA_M

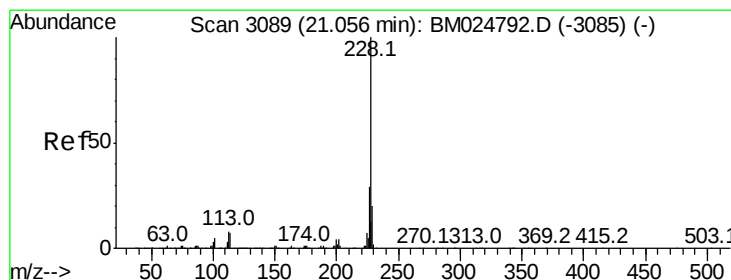
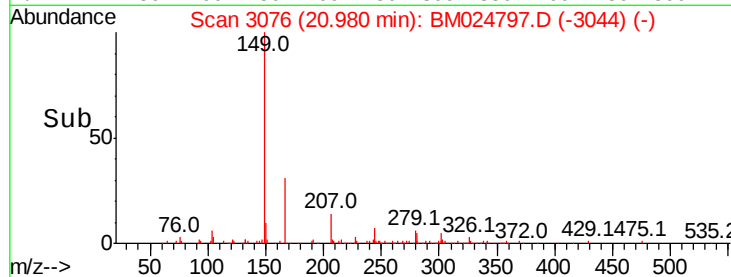
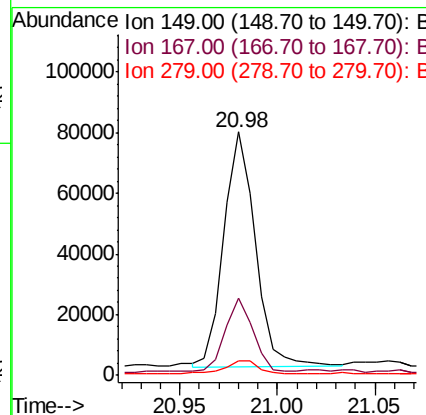
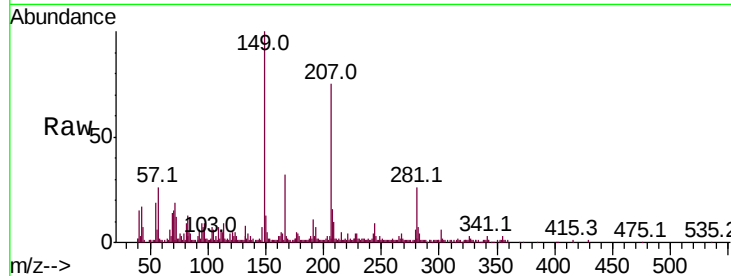
ClientSampled :

CB6J2

Tot Ion:	149	Resp:	86894
Ion Ratio	Lower	Upper	
149	100		
167	31.5	23.4	35.2
279	5.8	4.7	7.1

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#85

Chrysene

Concen: 5.938 ng/ul

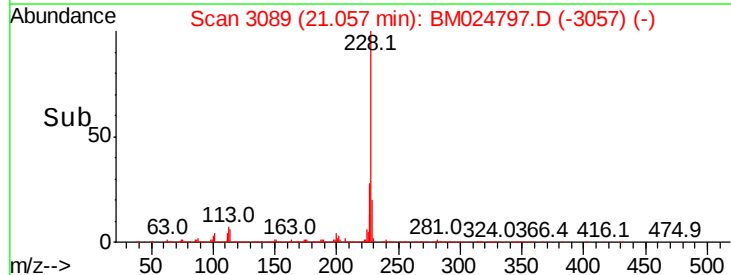
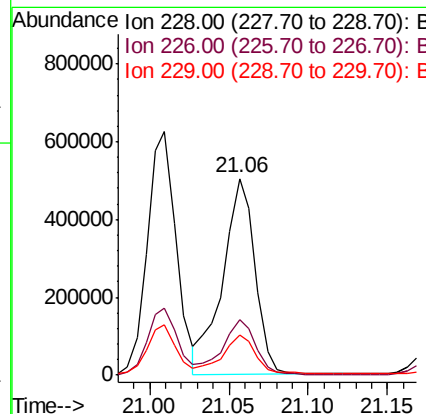
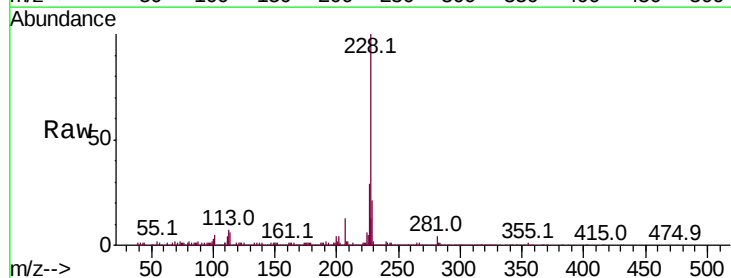
RT: 21.06 min Scan# 3089

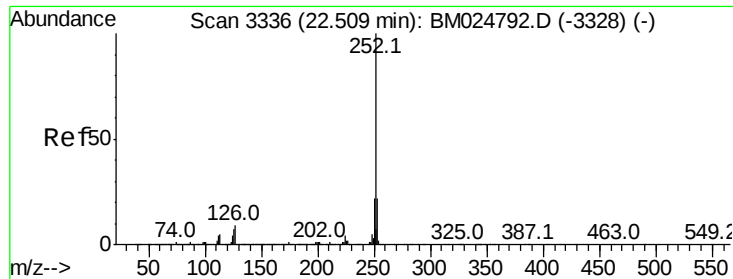
Delta R.T. -0.01 min

Lab File: BM024797.D

Acq: 08 Feb 2020 13:51

Tgt Ion:	228	Resp:	715252
Ion Ratio	Lower	Upper	
228	100		
226	28.5	23.0	34.4
229	20.6	15.8	23.8





#88

Benzo(b)fluoranthene

Concen: 8.461 ng/ul

RT: 22.51 min Scan# 3336

Delta R.T. -0.01 min

Lab File: BM024797.D

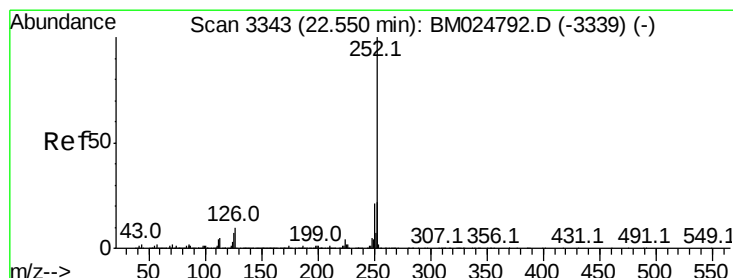
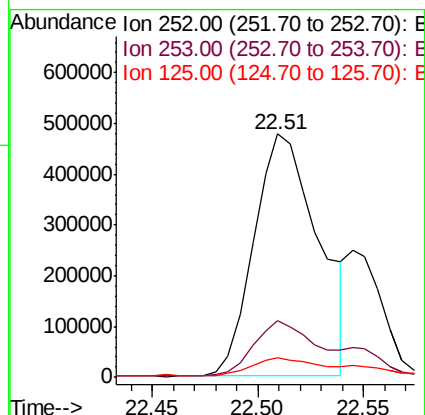
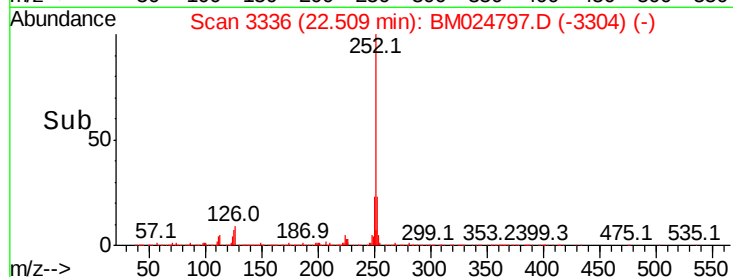
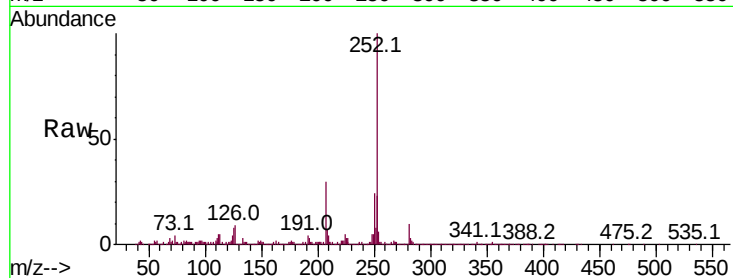
Acq: 08 Feb 2020 13:51

Instrument :
BNA_M
ClientSampleId :
CB6J2

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	8.0	5.1	7.7#

Manual Integrations
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#89

Benzo(k)fluoranthene

Concen: 2.405 ng/ul m

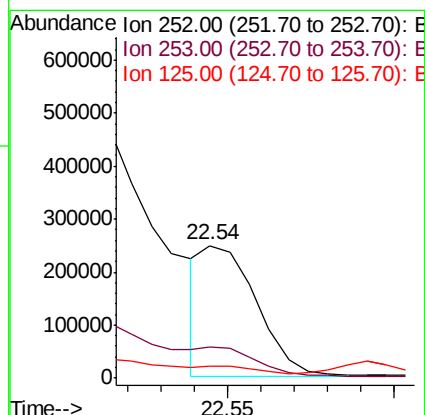
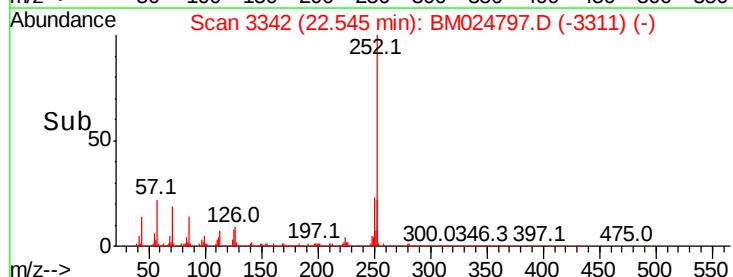
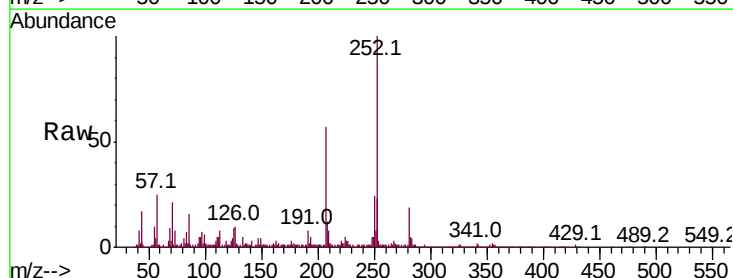
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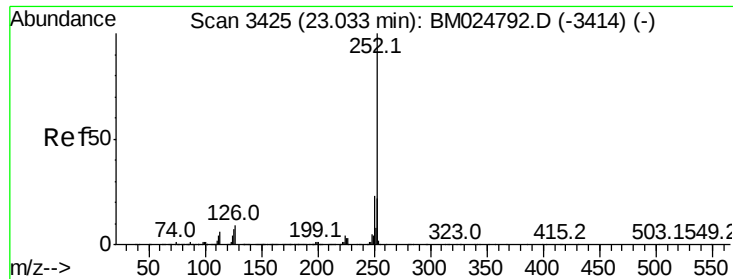
Delta R.T. -0.02 min

Lab File: BM024797.D

Acq: 08 Feb 2020 13:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	9.2	5.1	7.7#





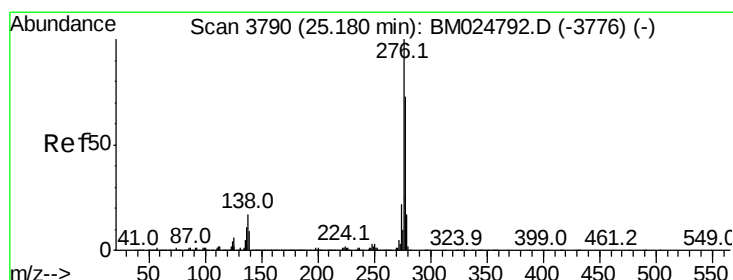
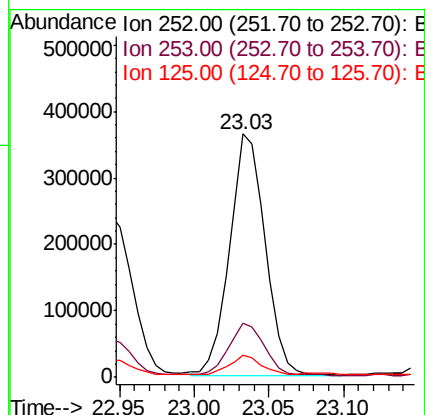
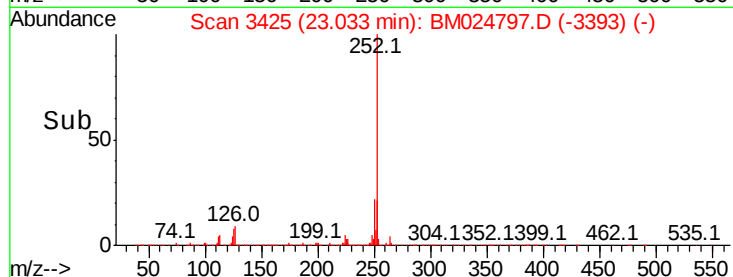
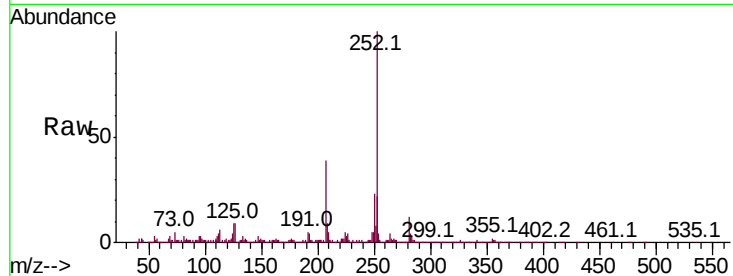
#91
Benzo(a)pyrene
Concen: 5.611 ng/ul
RT: 23.03 min Scan# 3425
Delta R.T. -0.01 min
Lab File: BM024797.D
Acq: 08 Feb 2020 13:51

Instrument :
BNA_M
ClientSampled :
CB6J2

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.1	17.5	26.3
125	8.9	5.6	8.4

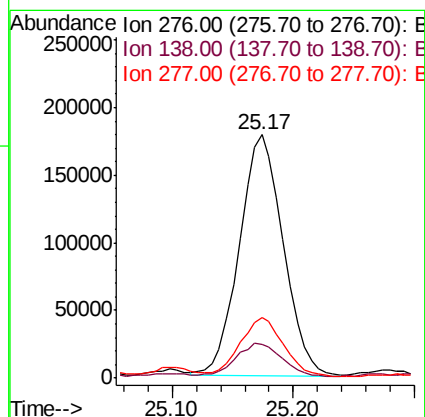
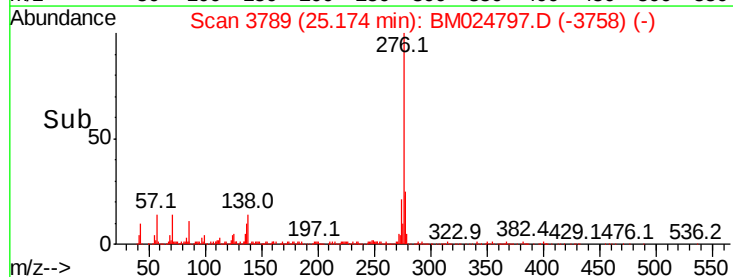
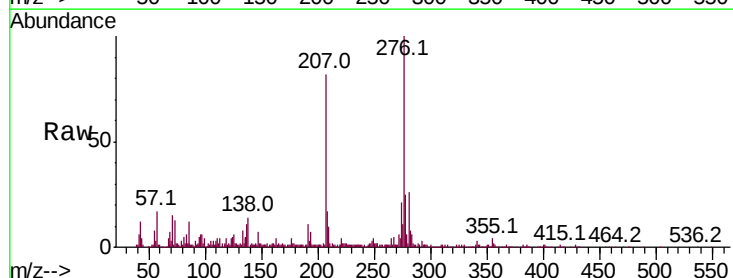
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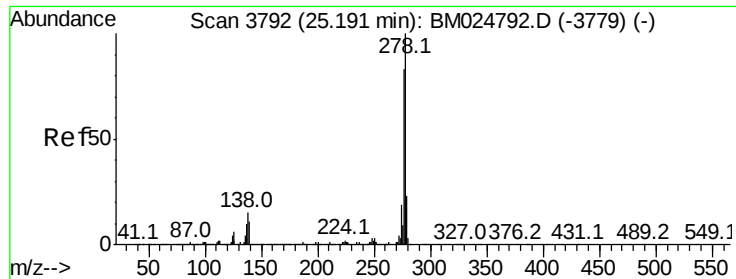
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#92
Indeno(1,2,3-cd)pyrene
Concen: 3.368 ng/ul
RT: 25.17 min Scan# 3789
Delta R.T. -0.02 min
Lab File: BM024797.D
Acq: 08 Feb 2020 13:51

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	14.1	12.8	19.2
277	25.1	19.3	28.9





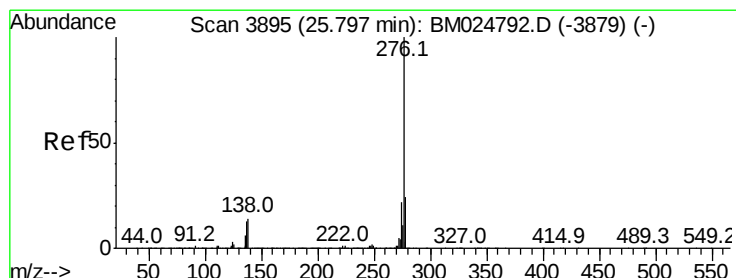
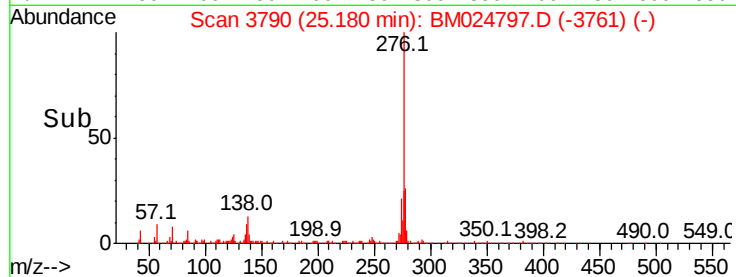
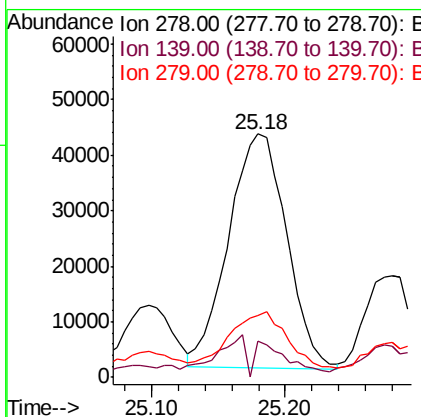
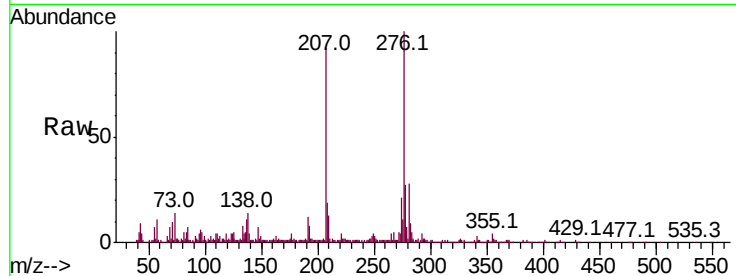
#93
Dibenzo(a,h)anthracene
Concen: 1.119 ng/ul
RT: 25.18 min Scan# 3790
Delta R.T. -0.03 min
Lab File: BM024797.D
Acq: 08 Feb 2020 13:51

Instrument :
BNA_M
ClientSampled :
CB6J2

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.9	8.4	12.6#
279	25.4	18.5	27.7

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 3.064 ng/ul
RT: 25.79 min Scan# 3894
Delta R.T. -0.02 min
Lab File: BM024797.D
Acq: 08 Feb 2020 13:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.5	11.8	17.6
277	24.2	19.0	28.6

