

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024772.D
 Acq On : 07 Feb 2020 21:41
 Operator : CG/JU
 Sample : L1399-17
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6T2

Manual Integrations
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mohammad
 2/11/2020 8:22:07 AM

Quant Time: Feb 08 00:52:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 22:29:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	272809	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1082643	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	733250	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1677477	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1724366	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1796432	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	25243	4.45	ng/uL	0.00
5) Phenol-d5	6.60	99	417404	23.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	269001	26.28	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	380446	23.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	362981	23.74	ng/ul	-0.01
19) Nitrobenzene-d5	8.55	128	199314	25.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	242080	26.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	419589	22.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	496881	28.47	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1532115	27.68	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	1564995	24.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.28	143	204775	22.77	ng/ul	0.00
58) Fluorene-d10	15.06	176	1248449	25.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	234983	21.49	ng/ul	0.00
71) Anthracene-d10	16.91	188	1811875	23.66	ng/ul	0.00
79) Pyrene-d10	19.22	212	2082373	24.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	2130928	23.62	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	13.53	163	88567	1.534	ng/ul	99
70) Phenanthrene	16.85	178	584283	6.388	ng/ul	100
72) Anthracene	16.95	178	124461	1.342	ng/ul	98
77) Fluoranthene	18.88	202	1176236	10.476	ng/ul	99
80) Pyrene	19.24	202	1035542	9.073	ng/ul	98
83) Benzo(a)anthracene	21.01	228	612735	5.275	ng/ul	96
85) Chrysene	21.06	228	624441	5.461	ng/ul	99
88) Benzo(b)fluoranthene	22.52	252	916444	8.023	ng/ul#	97
89) Benzo(k)fluoranthene	22.55	252	235409m	2.141	ng/ul	
91) Benzo(a)pyrene	23.04	252	518513	5.063	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.19	276	408676	3.205	ng/ul	98
93) Dibenzo(a,h)anthracene	25.19	278	119325	1.098	ng/ul#	95
94) Benzo(g,h,i)perylene	25.80	276	332632	3.137	ng/ul	97

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

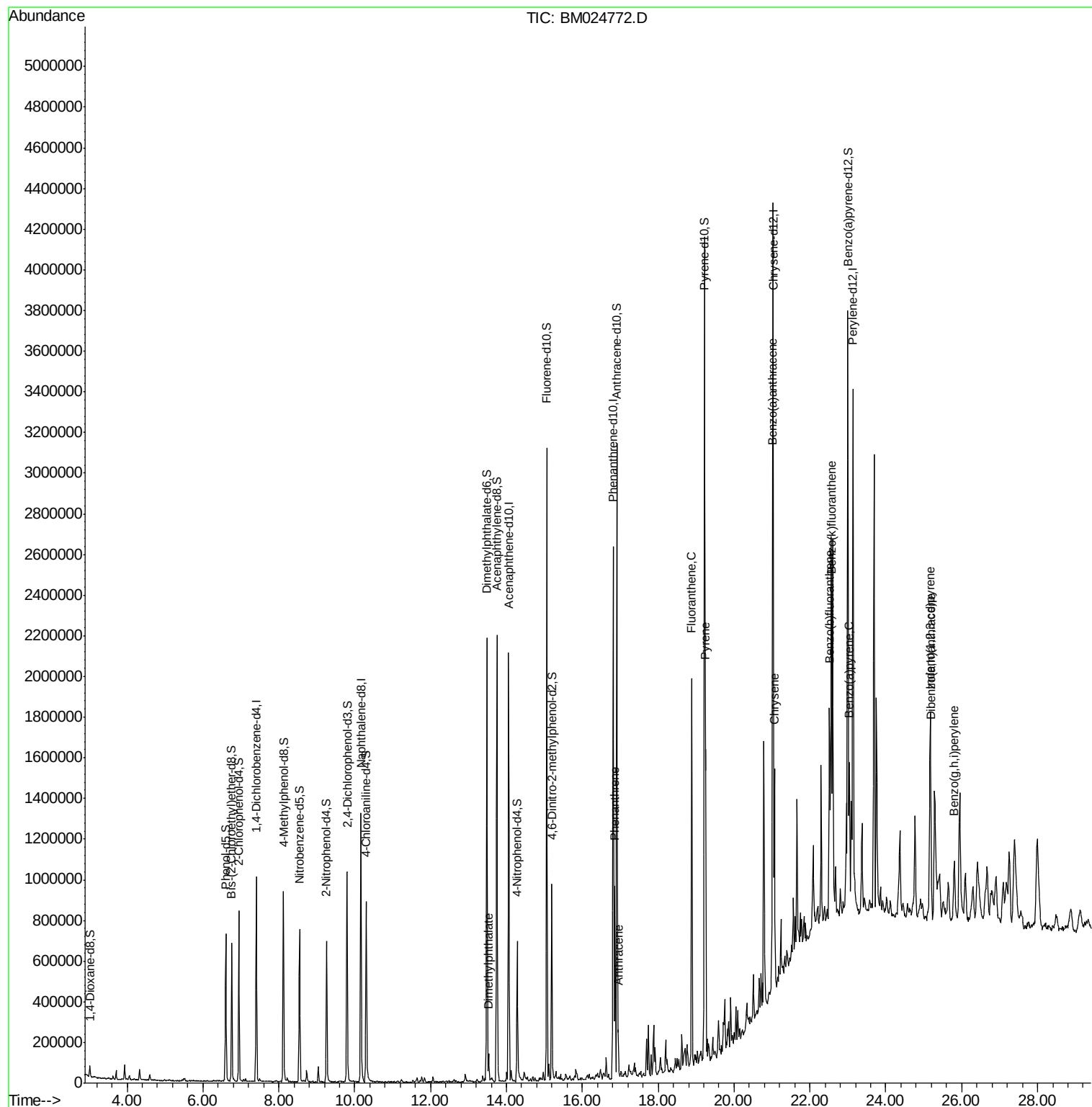
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024772.D
Acq On : 07 Feb 2020 21:41
Operator : CG/JU
Sample : L1399-17
Misc :
ALS Vial : 51 Sample Multiplier: 1

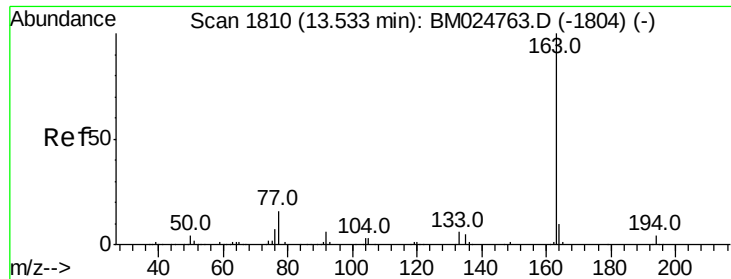
Instrument :
BNA_M
ClientSampleId :
CB6T2

Quant Time: Feb 08 00:52:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 22:29:17 2020
Response via : Initial Calibration

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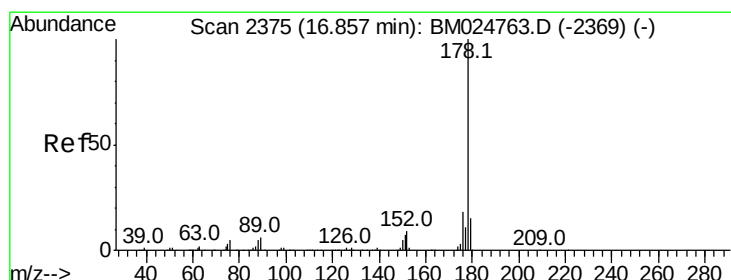
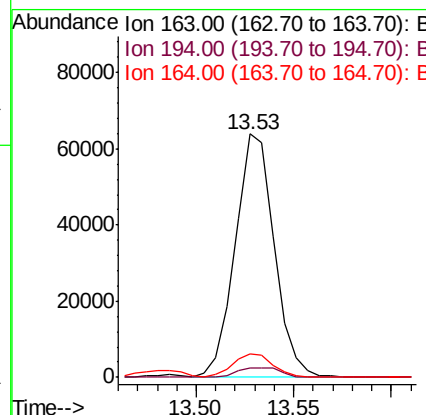
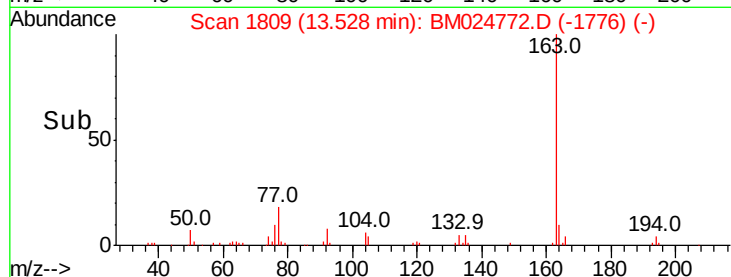
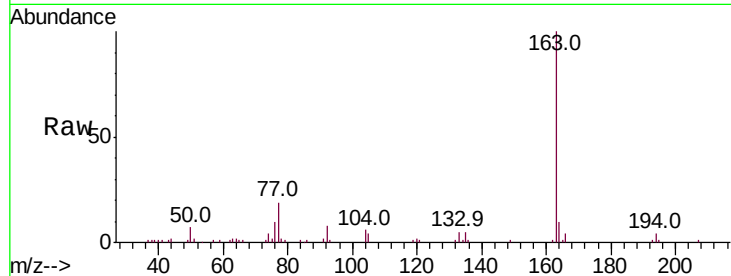
#45
Dimethylphthalate
Concen: 1.534 ng/ul
RT: 13.53 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BM024772.D
Acq: 07 Feb 2020 21:41

Instrument :
BNA_M
ClientSampleId :
CB6T2

Tot Ion:	163	Resp:	88567
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.5	5.3
164	9.8	8.2	12.2

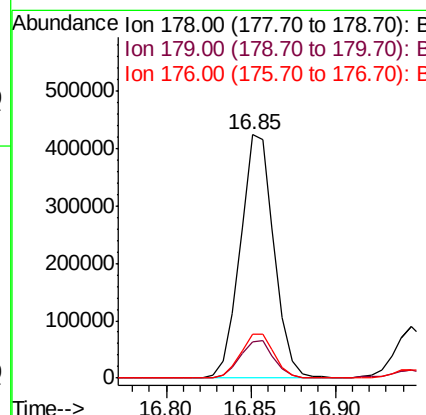
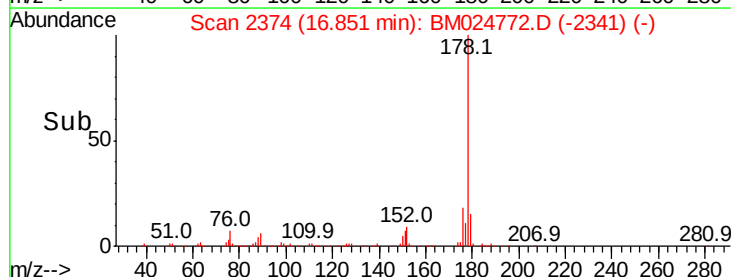
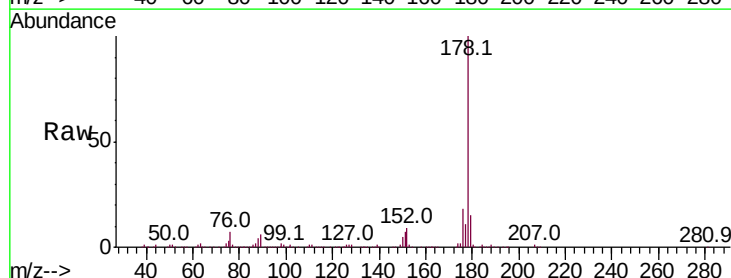
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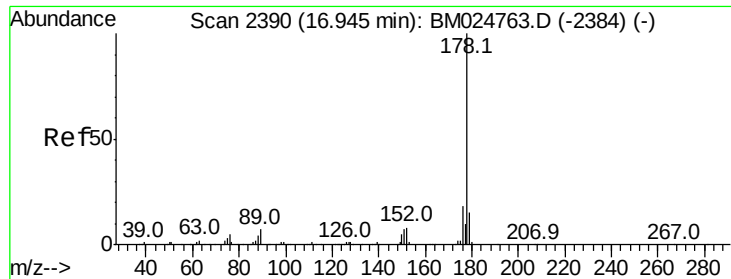
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#70
Phenanthrene
Concen: 6.388 ng/ul
RT: 16.85 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BM024772.D
Acq: 07 Feb 2020 21:41

Tgt Ion:	178	Resp:	584283
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.2	18.2
176	18.2	14.5	21.7





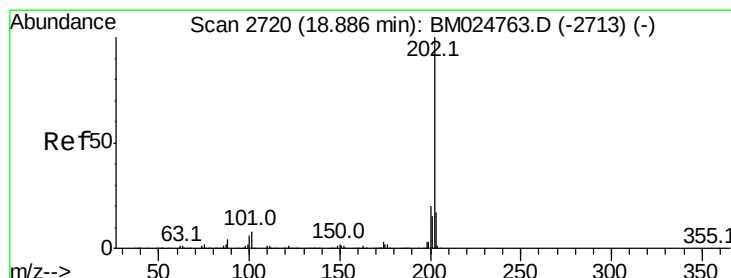
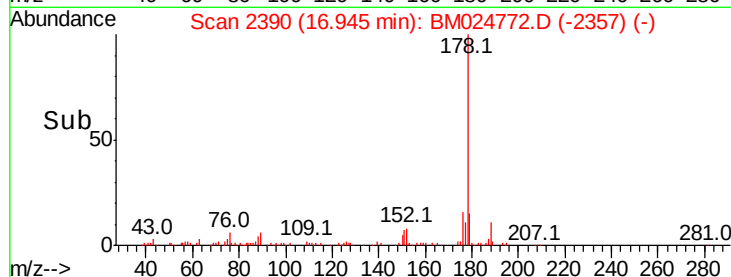
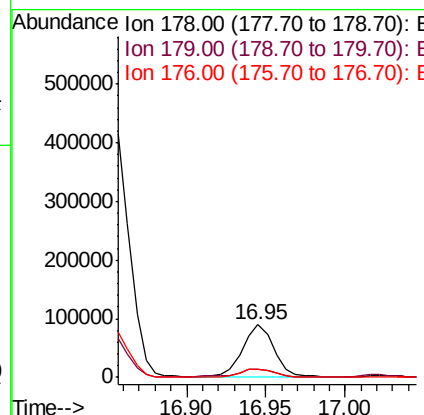
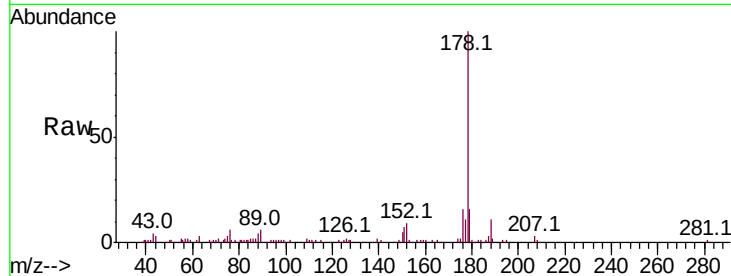
#72
 Anthracene
 Concen: 1.342 ng/ul
 RT: 16.95 min Scan# 2390
 Delta R.T. -0.01 min
 Lab File: BM024772.D
 Acq: 07 Feb 2020 21:41

Instrument :
 BNA_M
 ClientSampled :
 CB6T2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	16.3	14.1	21.1

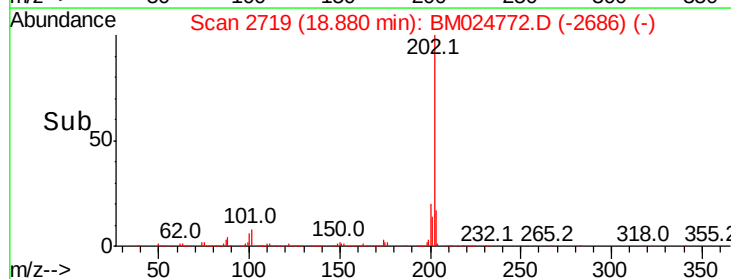
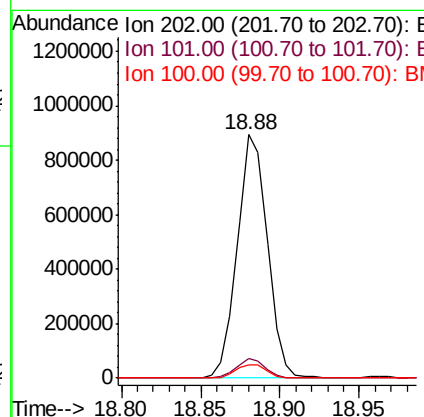
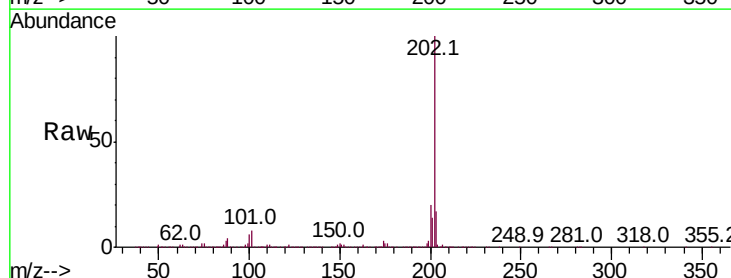
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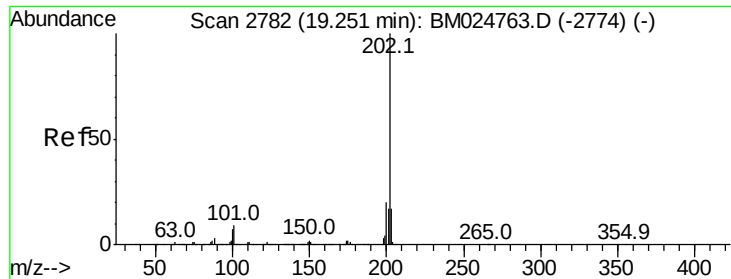
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#77
 Fluoranthene
 Concen: 10.476 ng/ul
 RT: 18.88 min Scan# 2719
 Delta R.T. -0.01 min
 Lab File: BM024772.D
 Acq: 07 Feb 2020 21:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.0	6.1	9.1
100	5.7	4.8	7.2





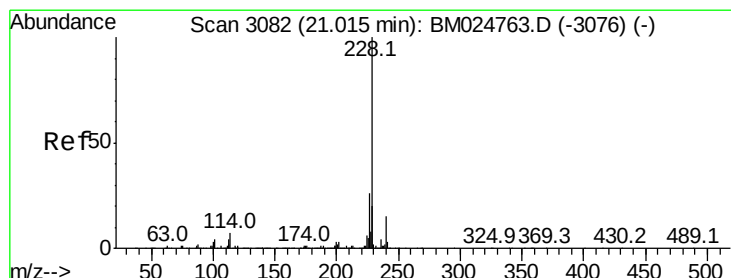
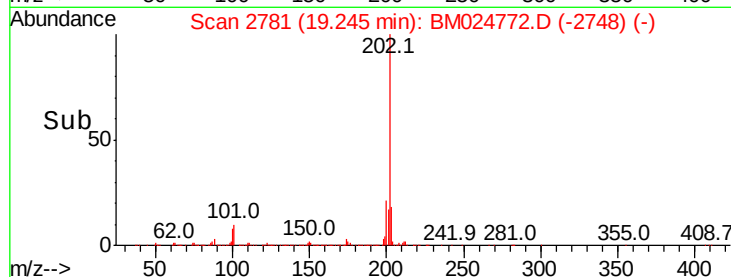
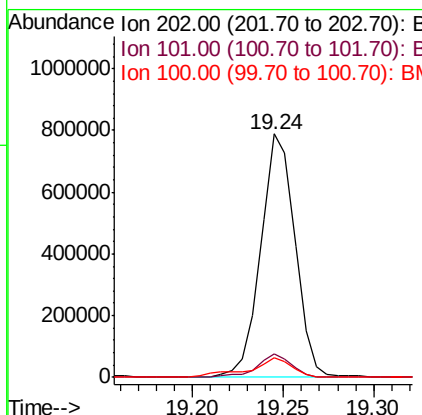
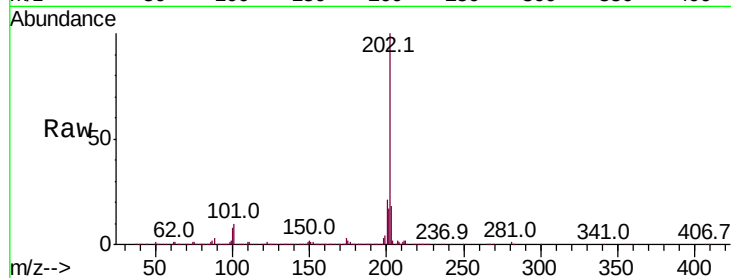
#80
 Pvrene
 Concen: 9.073 ng/ul
 RT: 19.24 min Scan# 2781
 Delta R.T. -0.01 min
 Lab File: BM024772.D
 Acq: 07 Feb 2020 21:41

Instrument :
 BNA_M
 ClientSampled :
 CB6T2

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.0	10.4
100	7.8	5.8	8.8

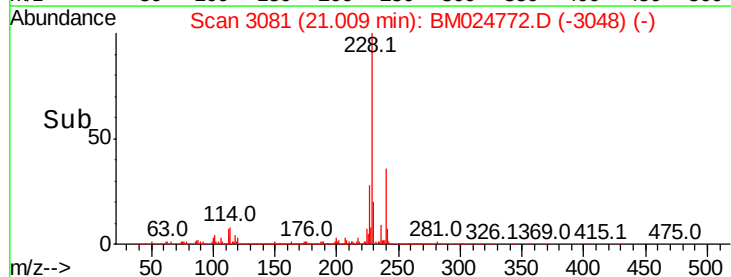
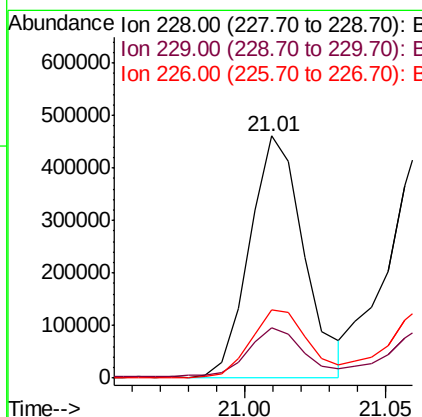
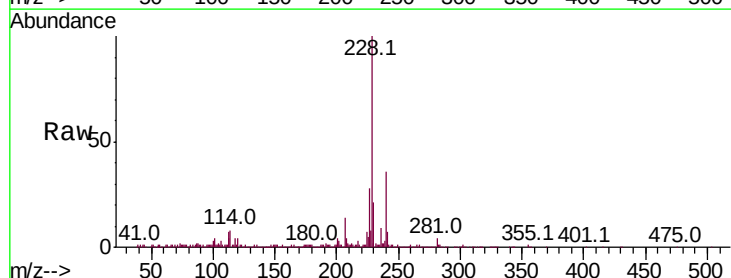
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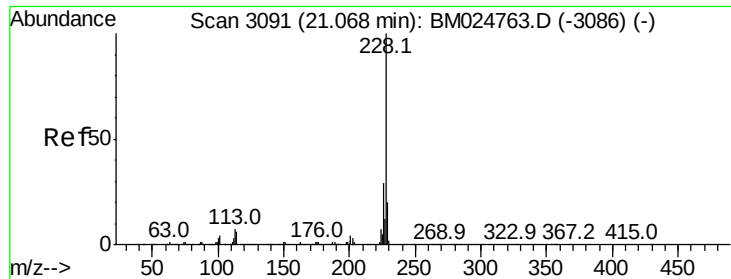
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#83
 Benzo(a)anthracene
 Concen: 5.275 ng/ul
 RT: 21.01 min Scan# 3081
 Delta R.T. -0.01 min
 Lab File: BM024772.D
 Acq: 07 Feb 2020 21:41

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.9	23.9
226	28.5	20.8	31.2





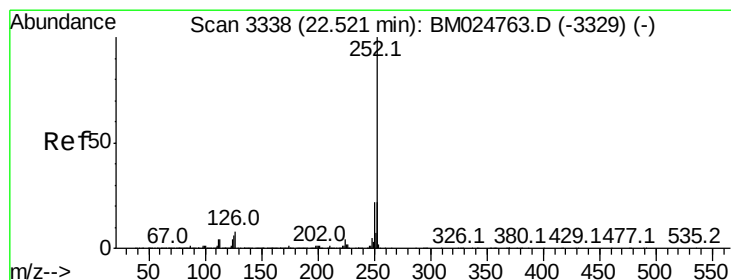
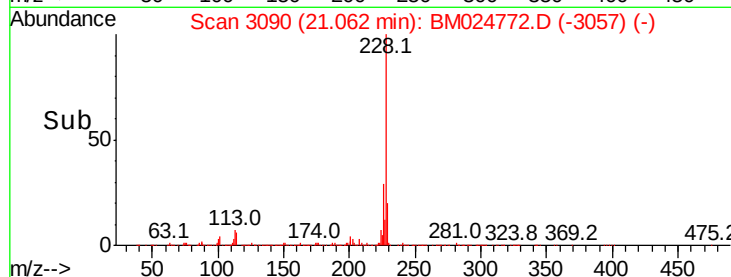
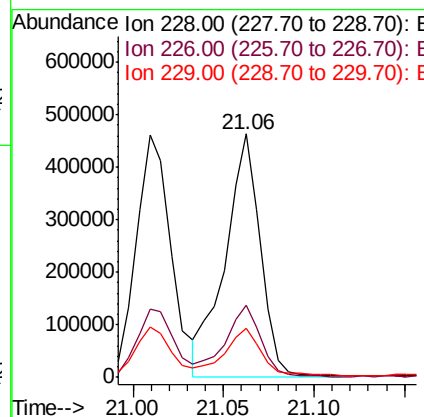
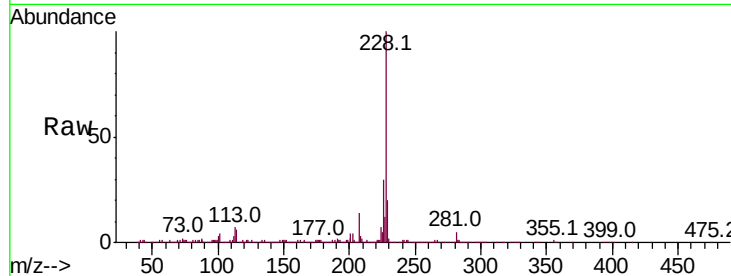
#85
Chrysene
Concen: 5.461 ng/ul
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM024772.D
Acq: 07 Feb 2020 21:41

Instrument :
BNA_M
ClientSampleId :
CB6T2

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.0	34.4
229	20.2	15.8	23.8

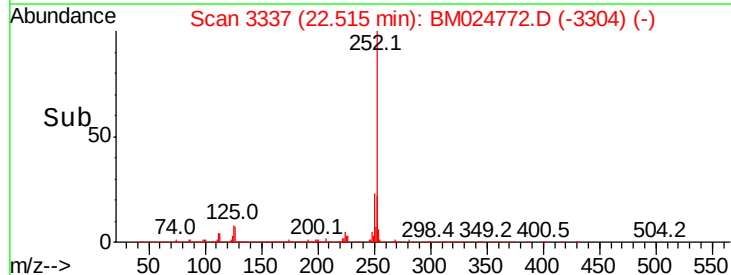
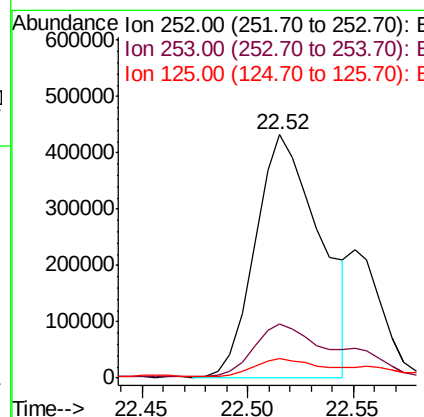
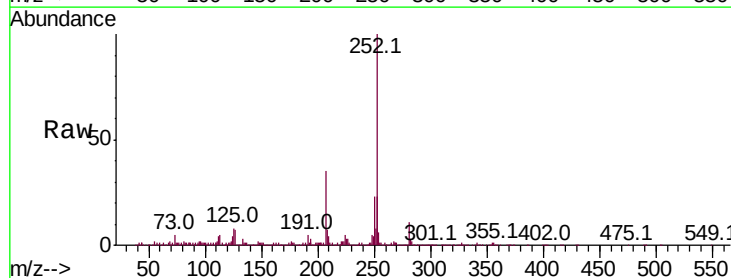
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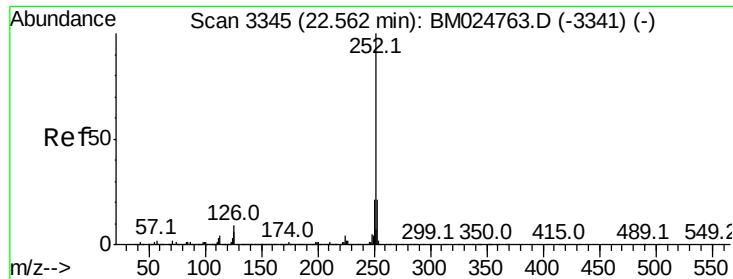
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#88
Benzo(b)fluoranthene
Concen: 8.023 ng/ul
RT: 22.52 min Scan# 3337
Delta R.T. -0.01 min
Lab File: BM024772.D
Acq: 07 Feb 2020 21:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	8.1	5.1	7.7#





#89

Benzo(k)fluoranthene

Concen: 2.141 ng/ul m

RT: 22.55 min Scan# 3343

Delta R.T. -0.01 min

Lab File: BM024772.D

Acq: 07 Feb 2020 21:41

Instrument :

BNA_M

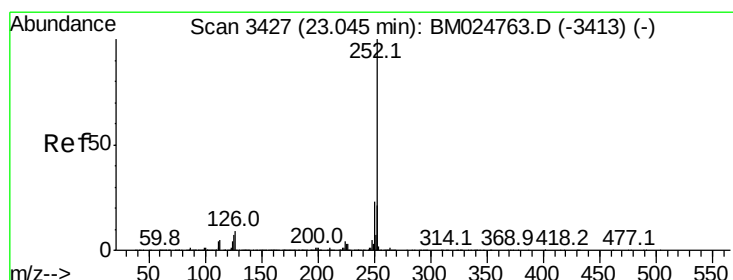
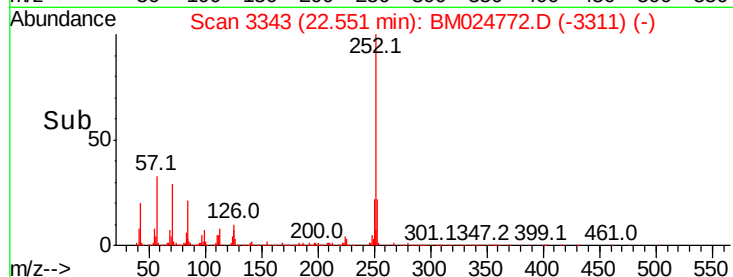
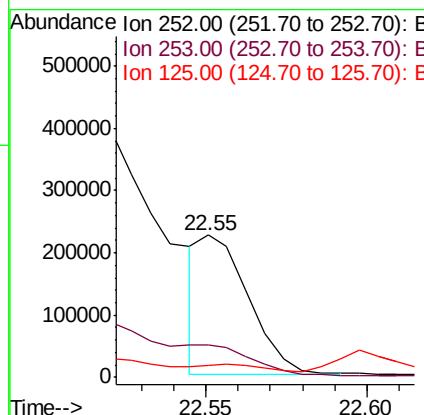
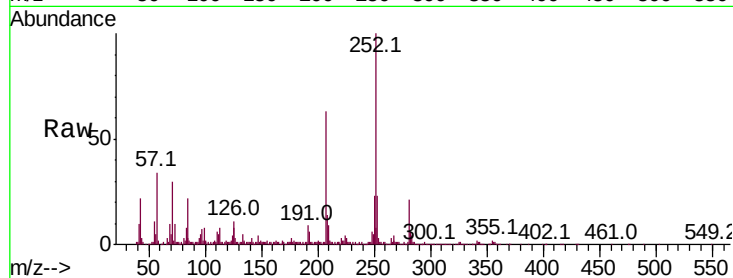
ClientSampleId :

CB6T2

Tot Ion:	252	Resp:	235409
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.4	26.0
125	8.3	5.1	7.7#

Manual Integrations
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#91

Benzo(a)pyrene

Concen: 5.063 ng/ul

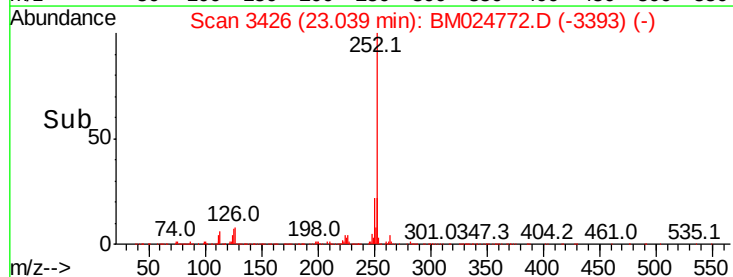
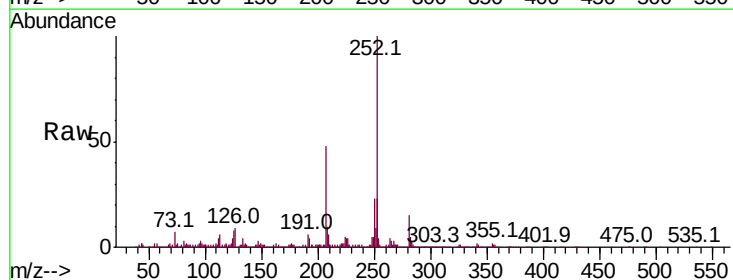
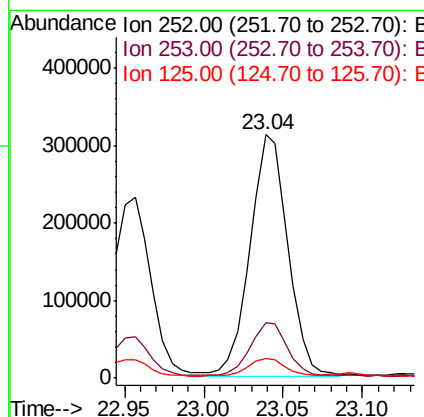
RT: 23.04 min Scan# 3426

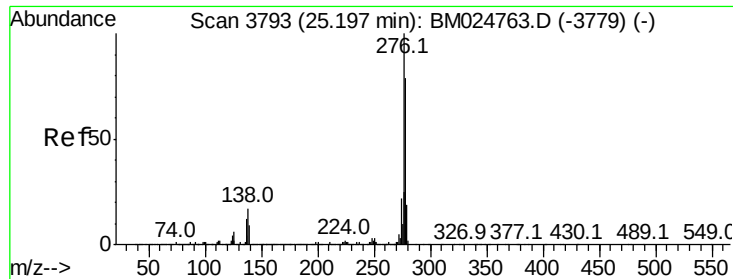
Delta R.T. -0.01 min

Lab File: BM024772.D

Acq: 07 Feb 2020 21:41

Tgt Ion:	252	Resp:	518513
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.5	26.3
125	8.0	5.6	8.4





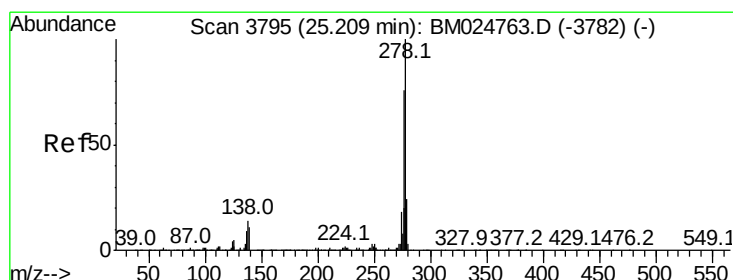
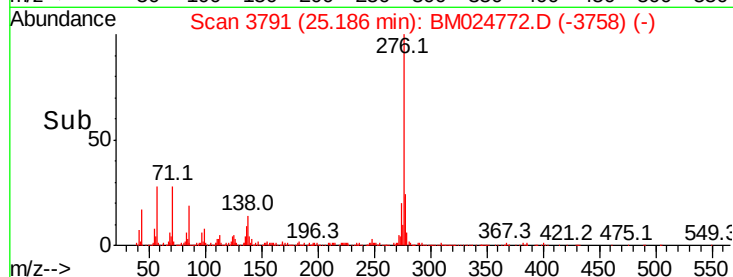
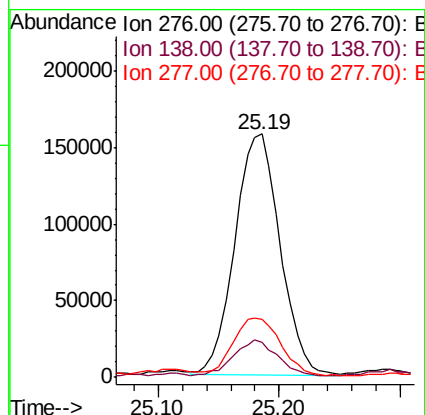
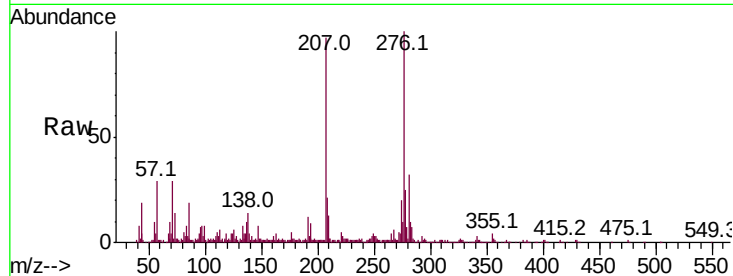
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.205 ng/ul
RT: 25.19 min Scan# 3791
Delta R.T. -0.01 min
Lab File: BM024772.D
Acq: 07 Feb 2020 21:41

Instrument :
BNA_M
ClientSampleId :
CB6T2

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	14.2	12.8	19.2	
277	23.7	19.3	28.9	

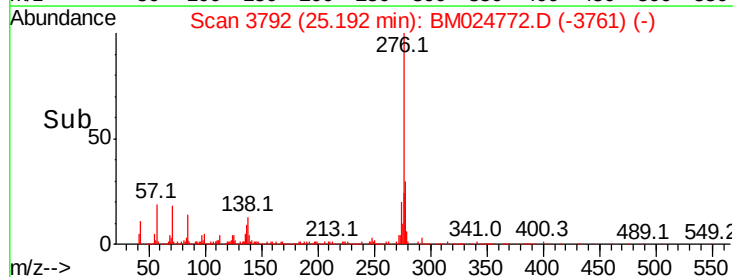
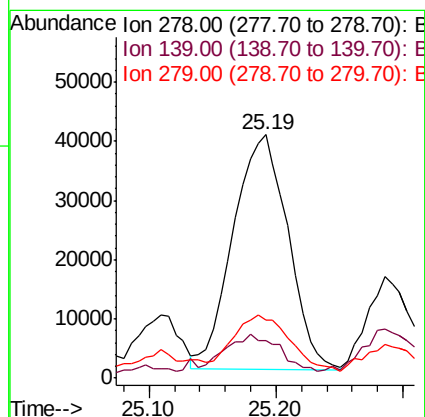
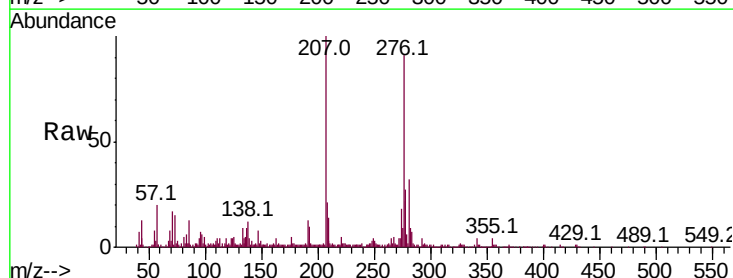
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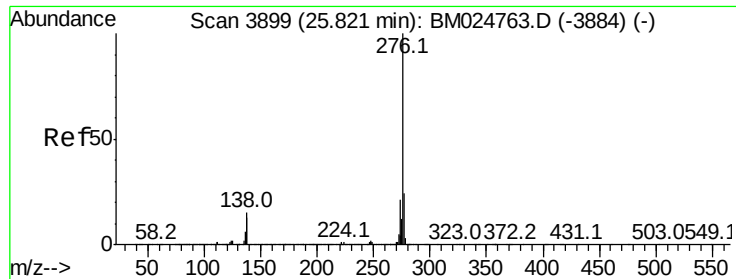
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#93
Dibenzo(a,h)anthracene
Concen: 1.098 ng/ul
RT: 25.19 min Scan# 3792
Delta R.T. -0.02 min
Lab File: BM024772.D
Acq: 07 Feb 2020 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	15.2	8.4	12.6#	
279	23.9	18.5	27.7	





#94

Benzo(a,h,i)perylene

Concen: 3.137 ng/ul

RT: 25.80 min Scan# 3896

Delta R.T. -0.01 min

Lab File: BM024772.D

Acq: 07 Feb 2020 21:41

Instrument :

BNA_M

ClientSampleId :

CB6T2

Tot Ion	Ratio	Resp	Lower	Upper
276	100	332632		
138	15.2		11.8	17.6
277	25.6		19.0	28.6

Manual Integrations
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