

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051219\
 Data File : BM020298.D
 Acq On : 12 May 2019 14:55
 Operator : JU/SJ
 Sample : K2767-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P026-SS010-1824-01

Manual Integrations
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 5/14/2019 8:07:30 PM

Quant Time: May 13 06:55:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	55600	20.00	ng	-0.03
21) Naphthalene-d8	10.56	136	185815	20.00	ng	-0.03
39) Acenaphthene-d10	14.41	164	111606	20.00	ng	-0.02
64) Phenanthrene-d10	17.16	188	259486	20.00	ng	-0.02
76) Chrysene-d12	21.35	240	291441	20.00	ng	-0.02
87) Perylene-d12	23.63	264	374313	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	368575	108.36	ng	-0.02
7) Phenol-d6	6.93	99	496030	106.74	ng	-0.02
23) Nitrobenzene-d5	8.93	82	330029	70.12	ng	-0.03
42) 2,4,6-Tribromophenol	15.90	330	170784	98.59	ng	-0.02
45) 2-Fluorobiphenyl	13.03	172	496704	54.76	ng	-0.03
79) Terphenyl-d14	19.79	244	750765	44.93	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.87	163	82507	8.698	ng	99
71) Phenanthrene	17.20	178	33250	2.321	ng	98
75) Fluoranthene	19.22	202	74572	4.115	ng	98
78) Pyrene	19.59	202	140614	7.186	ng	98
81) Benzo(a)anthracene	21.33	228	59513m	2.912	ng	
83) Chrysene	21.39	228	79856	4.029	ng	99
86) Indeno(1,2,3-cd)pyrene	25.95	276	54387	2.307	ng	# 100
88) Benzo(b)fluoranthene	22.94	252	95011m	3.844	ng	
90) Benzo(a)pyrene	23.53	252	62378	2.778	ng	97
92) Benzo(g,h,i)perylene	26.67	276	66152	2.984	ng	94

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

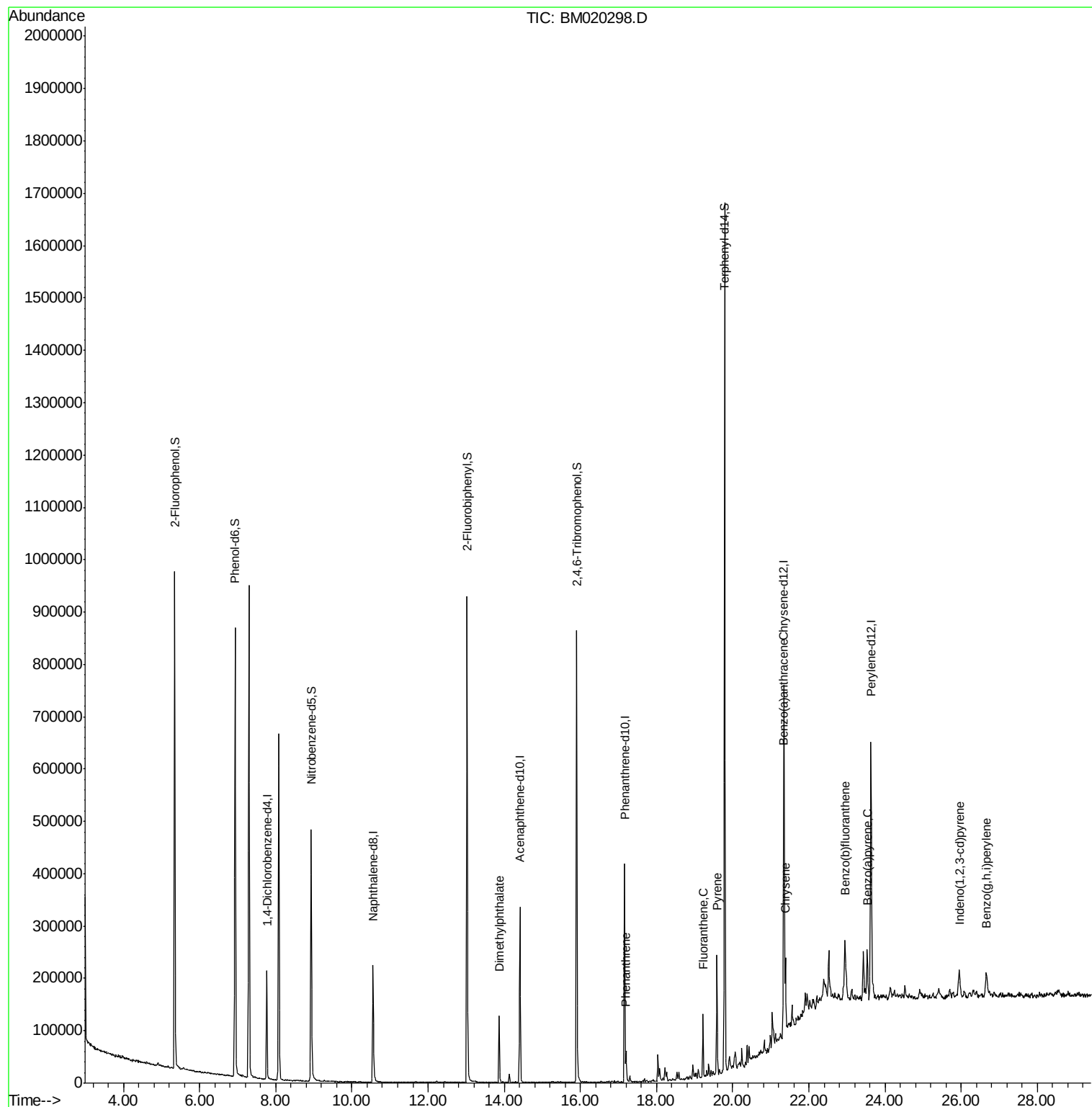
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051219\
Data File : BM020298.D
Acq On : 12 May 2019 14:55
Operator : JU/SJ
Sample : K2767-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

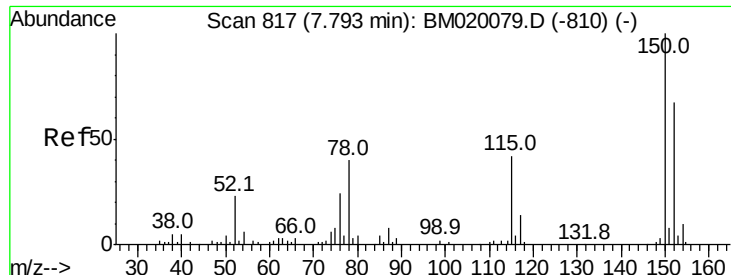
Instrument :
BNA_M
ClientSampleId :
P026-SS010-1824-01

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Quant Time: May 13 06:55:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration





#1

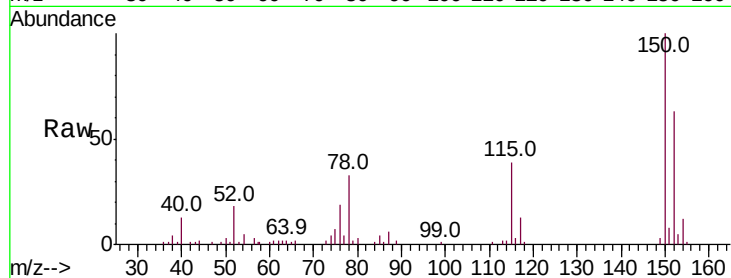
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 812
Delta R.T. -0.03 min
Lab File: BM020298.D
Acq: 12 May 2019 14:55

Instrument :
BNA_M
ClientSampleId :
P026-SS010-1824-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	119.8	179.8
115	62.5	50.8	76.2

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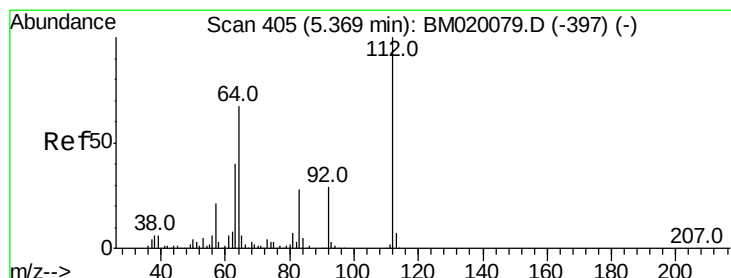
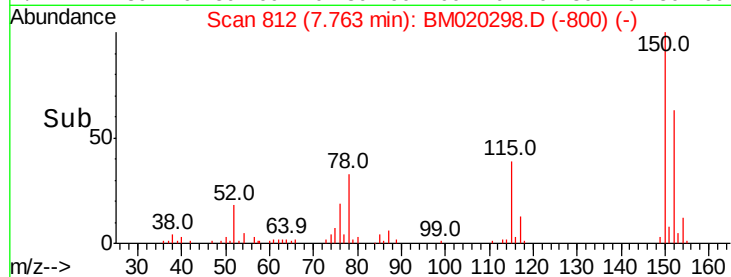
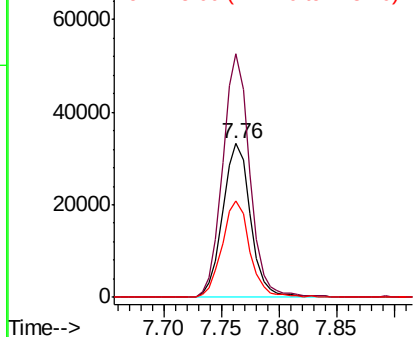


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

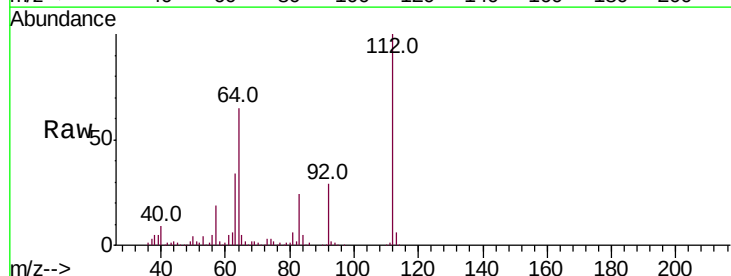
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 108.358 ng
RT: 5.35 min Scan# 401
Delta R.T. -0.02 min
Lab File: BM020298.D
Acq: 12 May 2019 14:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	53.8	80.6
63	34.2	32.3	48.5

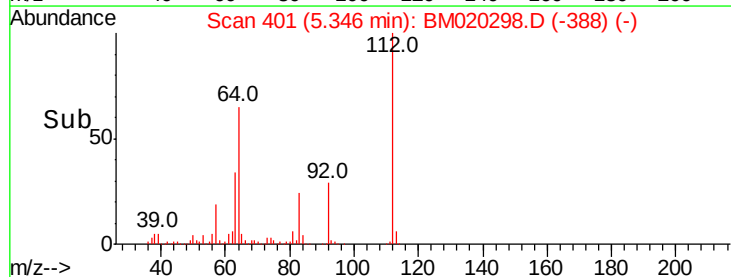
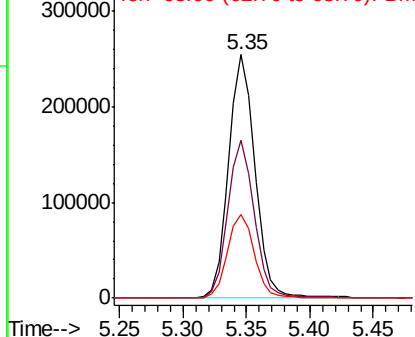


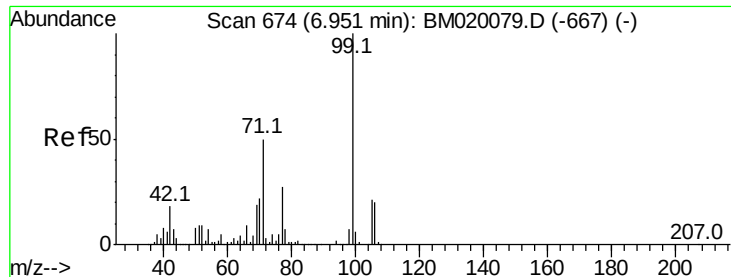
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 106.745 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.02 min

Lab File: BM020298.D

Acq: 12 May 2019 14:55

Instrument :

BNA_M

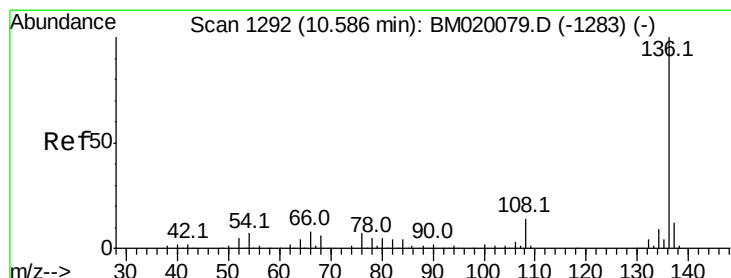
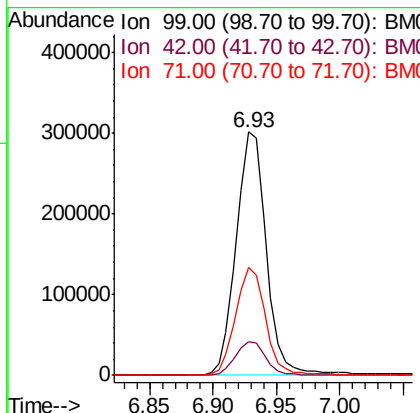
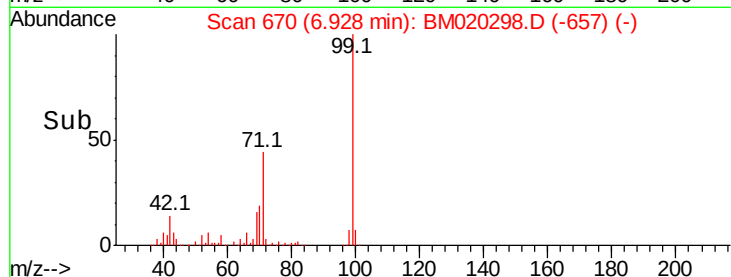
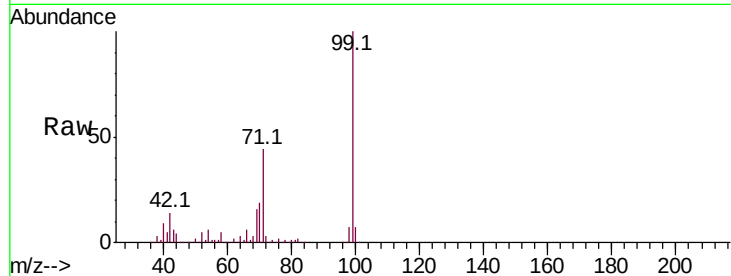
ClientSampleId :

P026-SS010-1824-01

Tot Ion:	99	Resp:	496030
Ion Ratio	Lower	Upper	
99	100		
42	13.9	14.2	21.2#
71	44.4	40.3	60.5

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#21

Naphthalene-d8

Concen: 20.000 ng

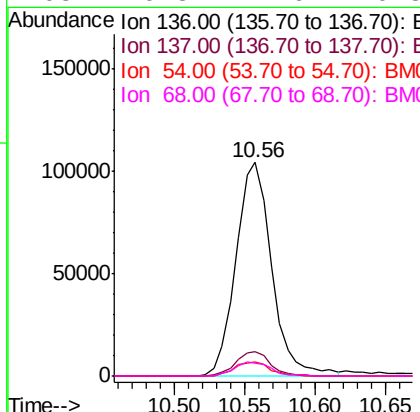
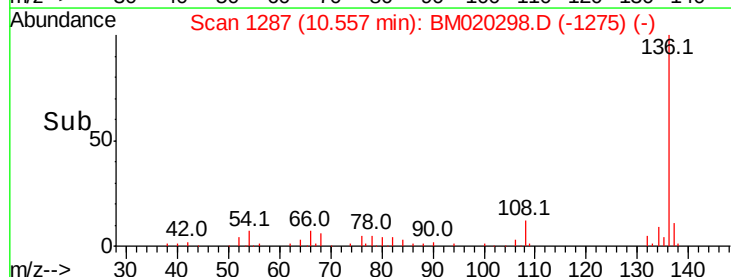
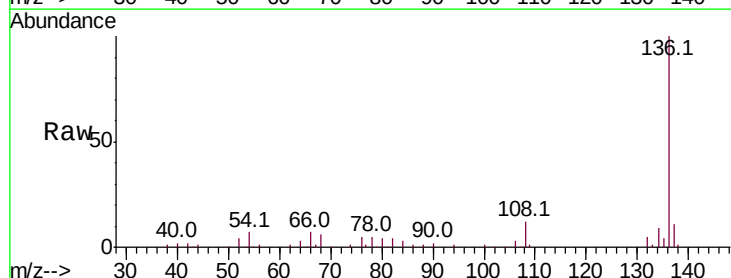
RT: 10.56 min Scan# 1287

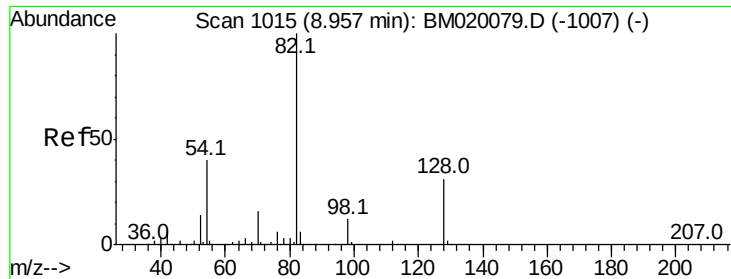
Delta R.T. -0.03 min

Lab File: BM020298.D

Acq: 12 May 2019 14:55

Tgt Ion:	136	Resp:	185815
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.6	14.4
54	6.6	5.5	8.3
68	6.3	4.6	6.8





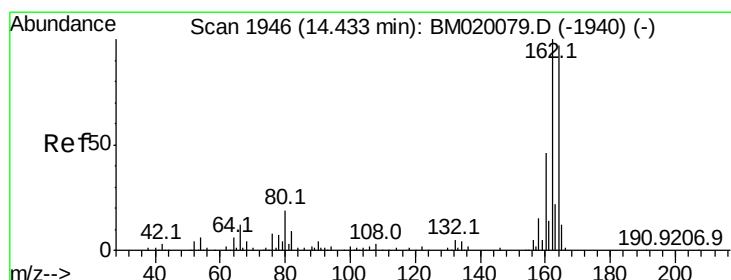
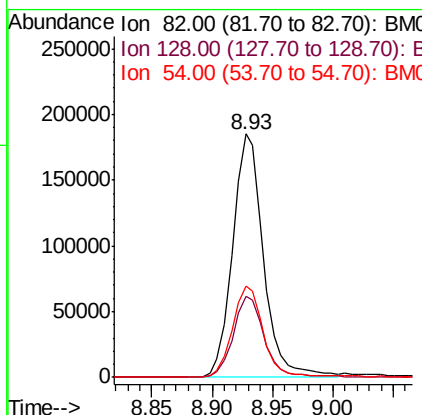
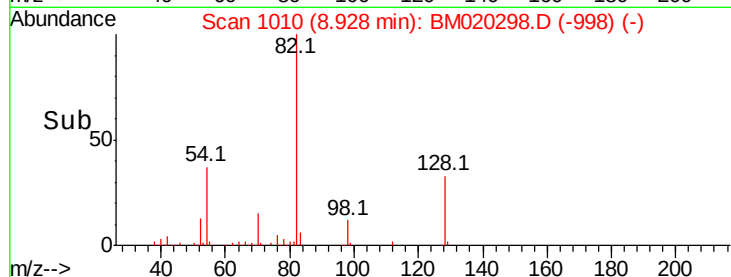
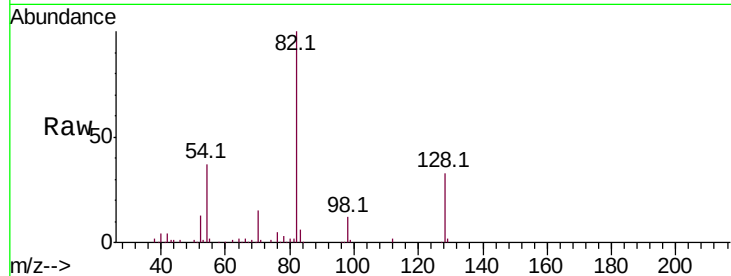
#23
Nitrobenzene-d5
Concen: 70.121 ng
RT: 8.93 min Scan# 1010
Delta R.T. -0.03 min
Lab File: BM020298.D
Acq: 12 May 2019 14:55

Instrument :
BNA_M
ClientSampleId :
P026-SS010-1824-01

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	33.4	25.2	37.8	
54	37.4	31.9	47.9	

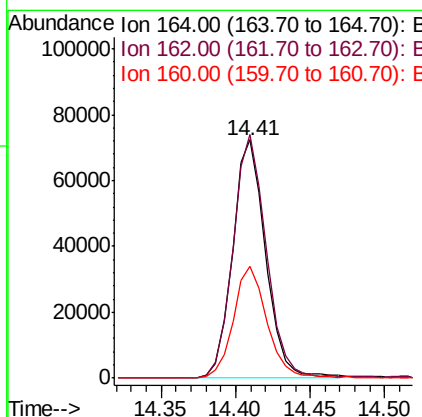
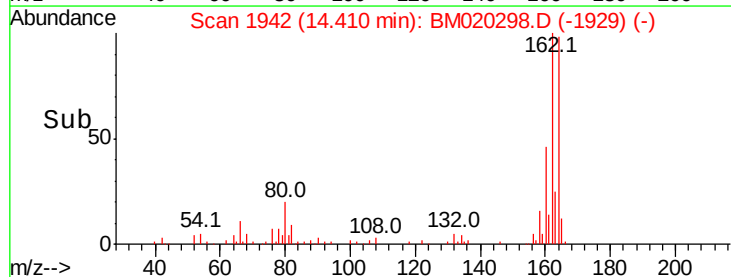
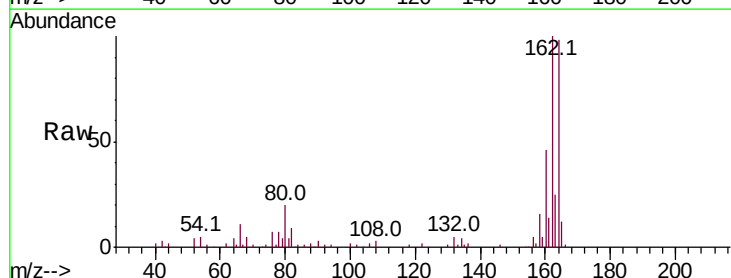
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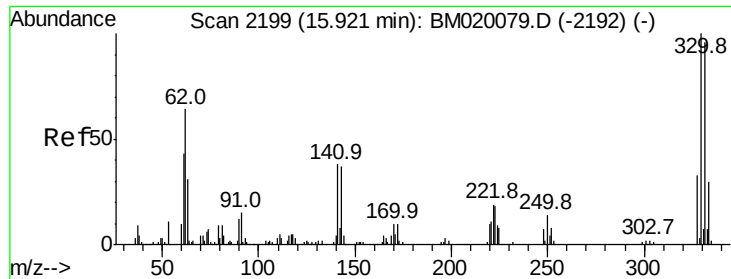
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BM020298.D
Acq: 12 May 2019 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.2	82.2	123.2	
160	47.0	37.6	56.4	





#42

2,4,6-Tribromophenol

Concen: 98.586 ng

RT: 15.90 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BM020298.D

Acq: 12 May 2019 14:55

Instrument :

BNA_M

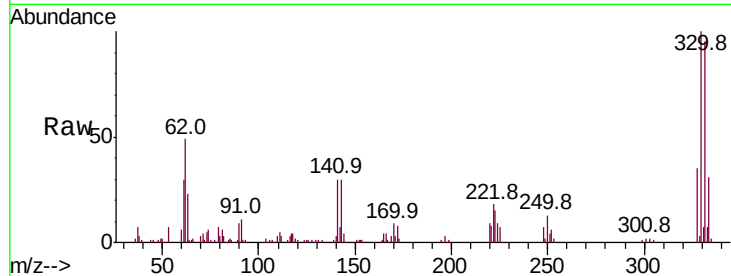
ClientSampleId :

P026-SS010-1824-01

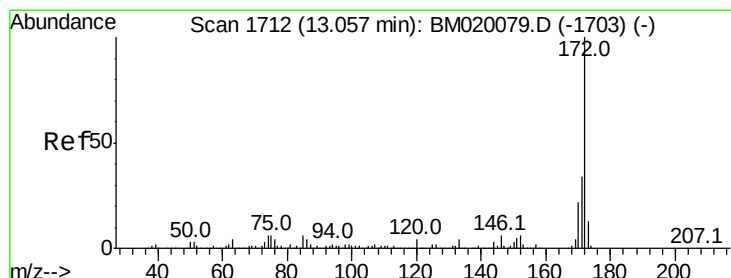
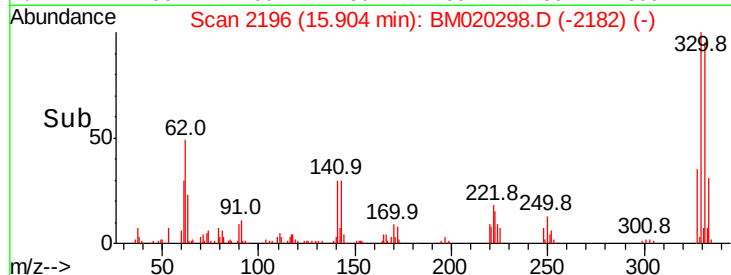
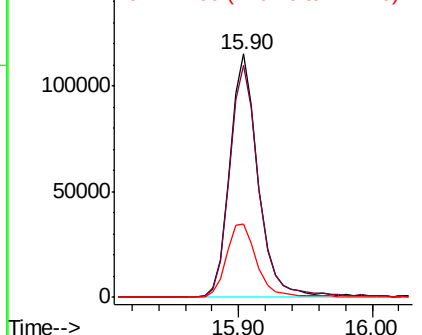
Tot Ion:	330	Resp:	170784
Ion Ratio	Lower	Upper	
330	100		
332	97.1	76.8	115.2
141	32.6	29.2	43.8

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 54.758 ng

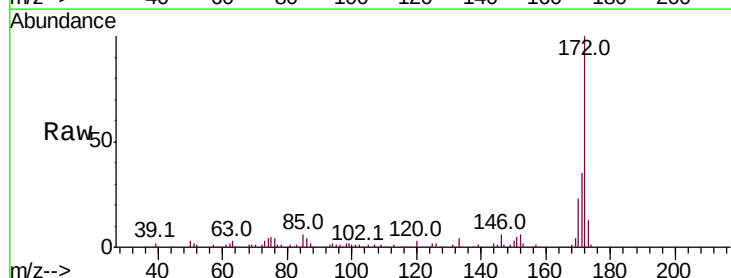
RT: 13.03 min Scan# 1707

Delta R.T. -0.03 min

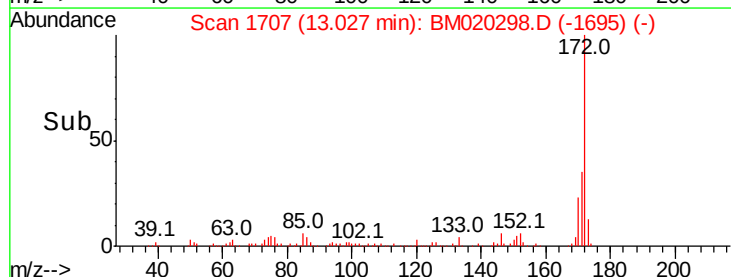
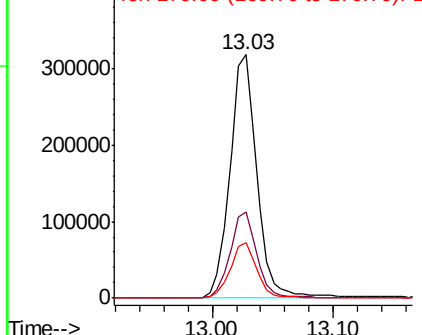
Lab File: BM020298.D

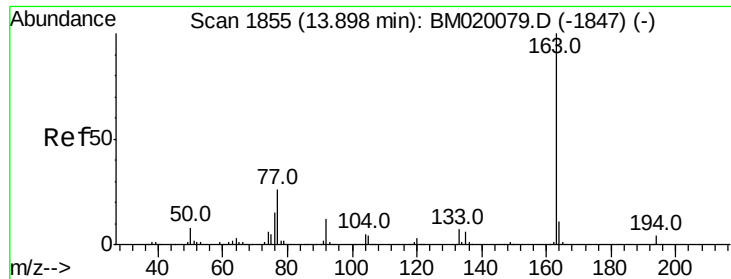
Acq: 12 May 2019 14:55

Tgt Ion:	172	Resp:	496704
Ion Ratio	Lower	Upper	
172	100		
171	35.3	27.3	40.9
170	22.7	17.9	26.9



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





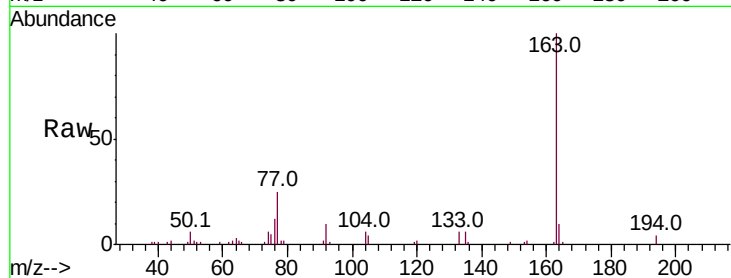
#50
Dimethylphthalate
Concen: 8.698 ng
RT: 13.87 min Scan# 1850
Delta R.T. -0.03 min
Lab File: BM020298.D
Acq: 12 May 2019 14:55

Instrument :
BNA_M
ClientSampleId :
P026-SS010-1824-01

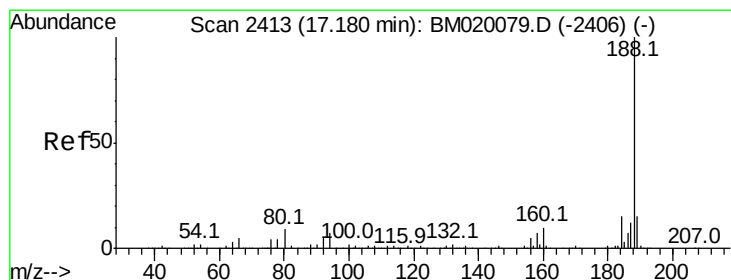
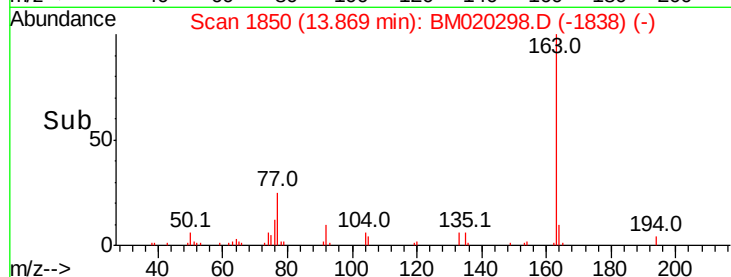
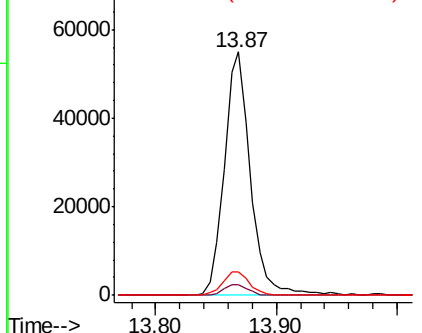
Tot Ion:	163	Resp:	82507
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.6	5.4
164	9.9	8.4	12.6

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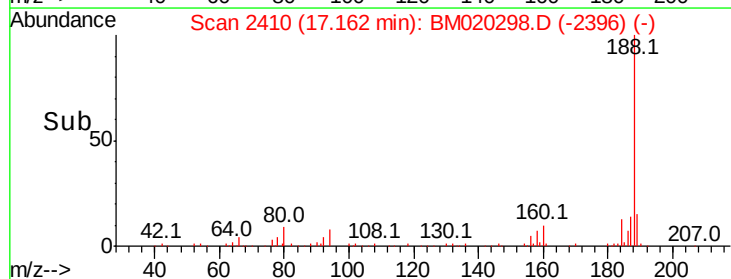
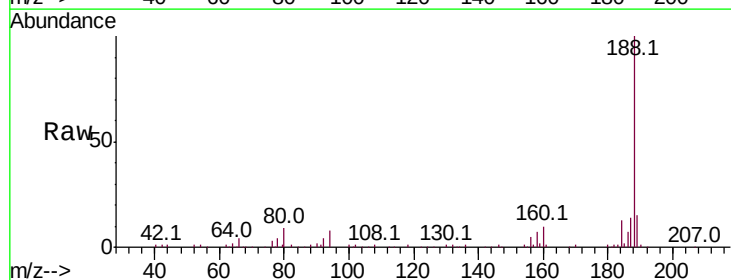
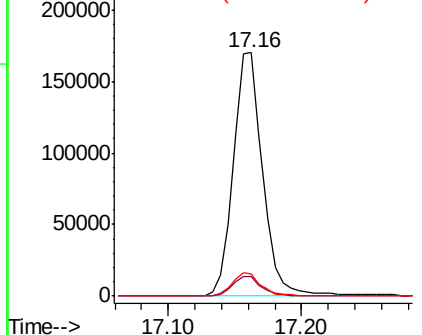
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

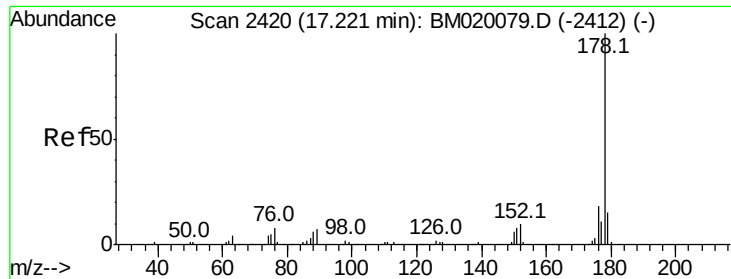


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2410
Delta R.T. -0.02 min
Lab File: BM020298.D
Acq: 12 May 2019 14:55

Tgt Ion:	188	Resp:	259486
Ion Ratio	Lower	Upper	
188	100		
94	8.0	5.8	8.6
80	9.3	7.4	11.2

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0





#71

Phenanthrene

Concen: 2.321 ng

RT: 17.20 min Scan# 2416

Delta R.T. -0.02 min

Lab File: BM020298.D

Acq: 12 May 2019 14:55

Instrument :

BNA_M

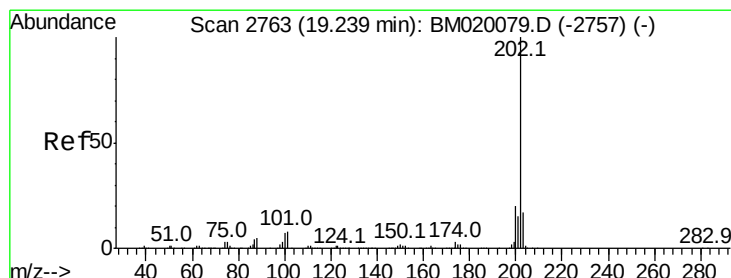
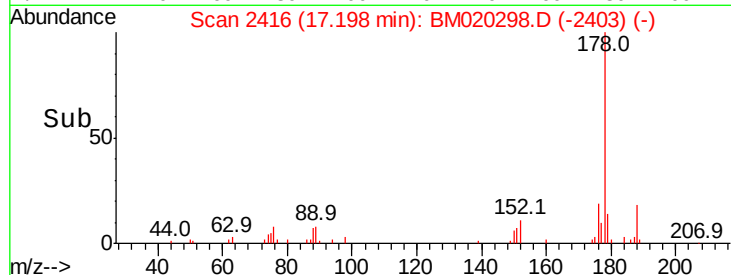
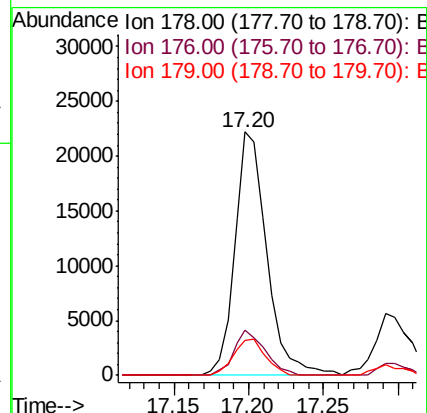
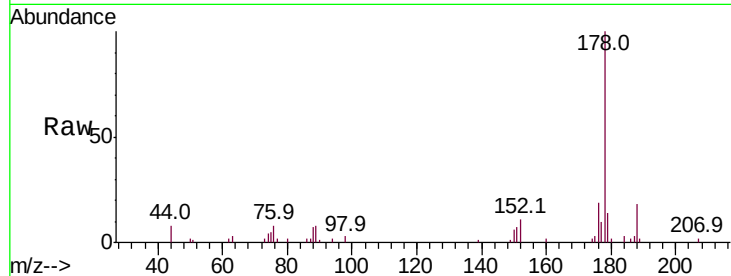
ClientSampleId :

P026-SS010-1824-01

Tot Ion:178	Resp:	33250
Ion Ratio	Lower	Upper
178	100	
176	18.6	14.6 21.8
179	14.4	12.4 18.6

Manual Integrations
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#75

Fluoranthene

Concen: 4.115 ng

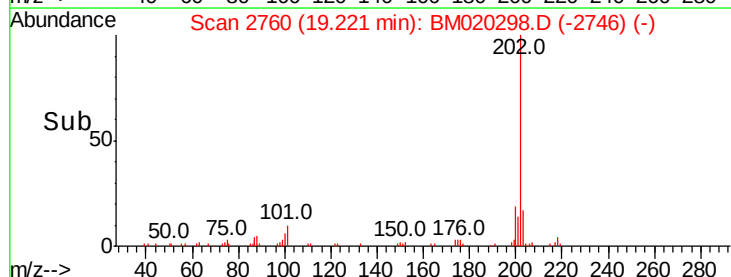
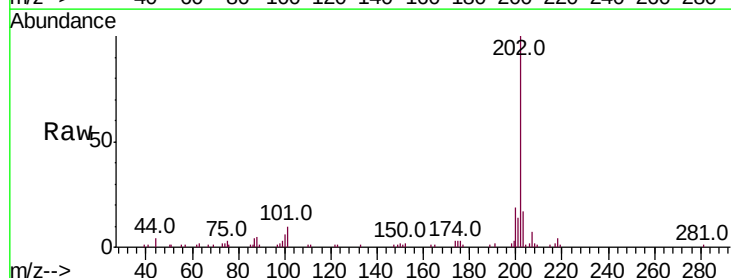
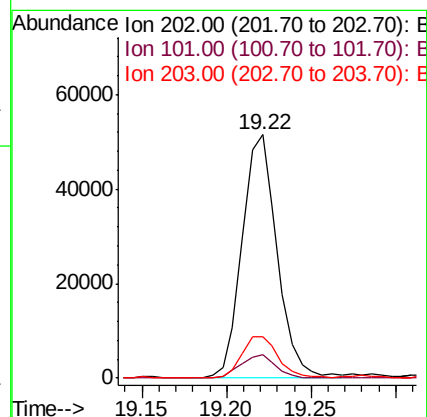
RT: 19.22 min Scan# 2760

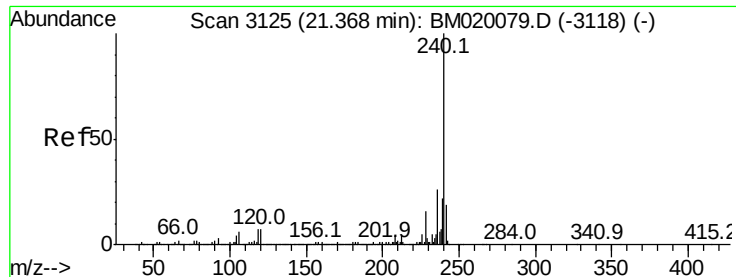
Delta R.T. -0.02 min

Lab File: BM020298.D

Acq: 12 May 2019 14:55

Tgt Ion:202	Resp:	74572
Ion Ratio	Lower	Upper
202	100	
101	9.6	0.0 28.4
203	17.0	0.0 37.4





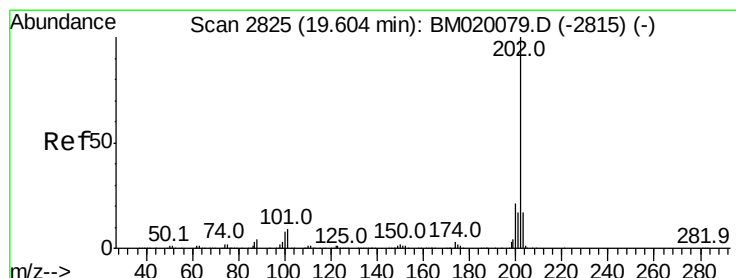
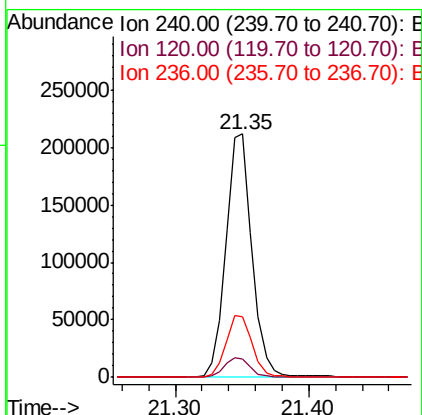
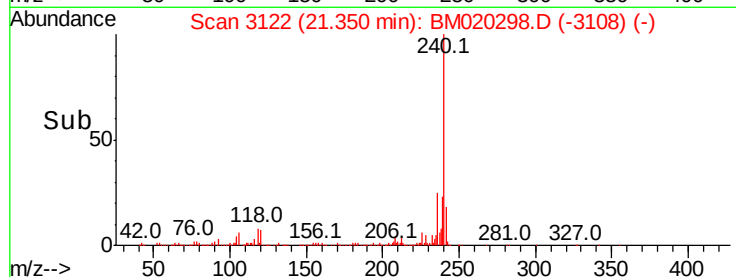
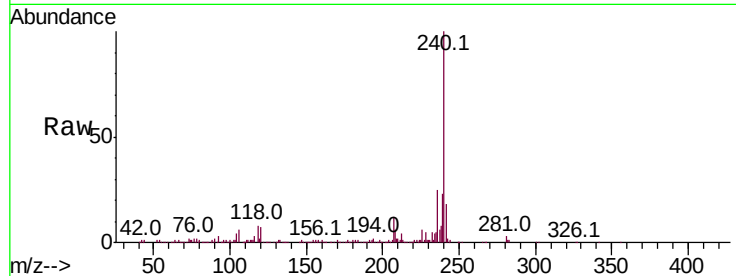
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3122
Delta R.T. -0.02 min
Lab File: BM020298.D
Acq: 12 May 2019 14:55

Instrument :
BNA_M
ClientSampleId :
P026-SS010-1824-01

Tot Ion	Ratio	Resp	Lower	Upper
240	100	291441		
120	7.4	5.6	8.4	
236	25.1	20.9	31.3	

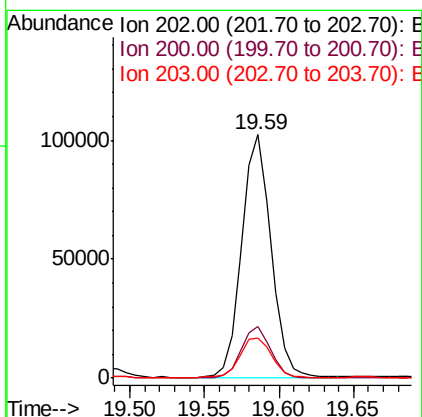
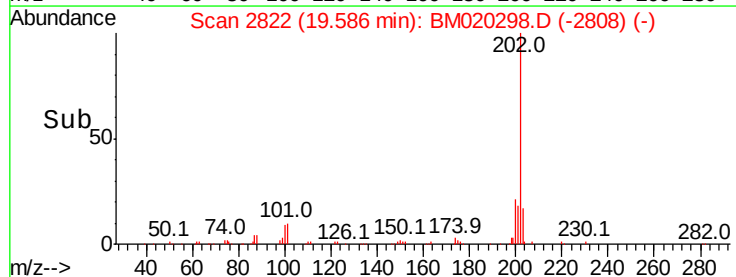
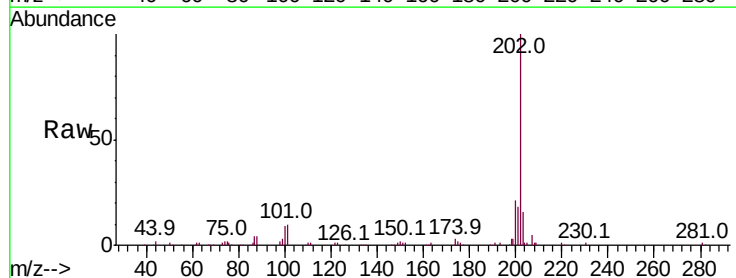
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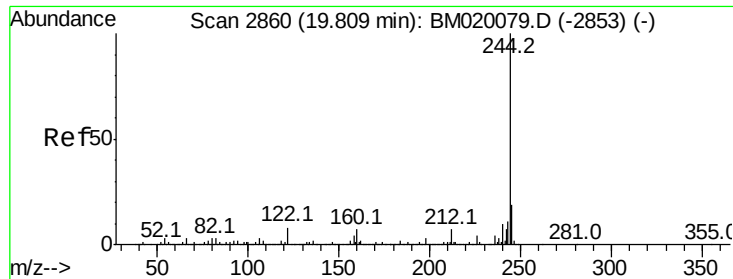
Sohil
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#78
Pyrene
Concen: 7.186 ng
RT: 19.59 min Scan# 2822
Delta R.T. -0.02 min
Lab File: BM020298.D
Acq: 12 May 2019 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	140614		
200	21.2	16.5	24.7	
203	16.5	13.9	20.9	





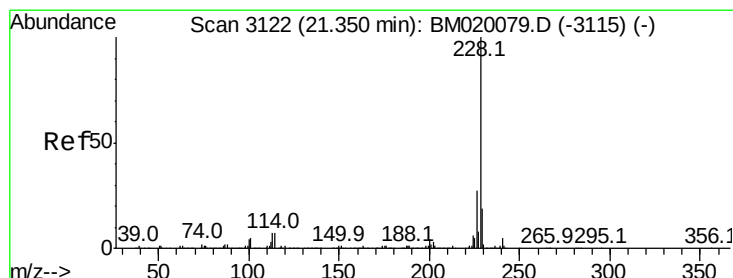
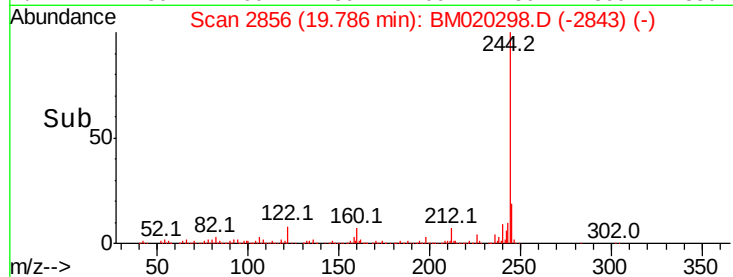
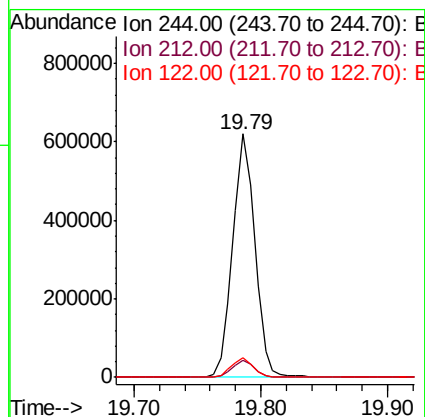
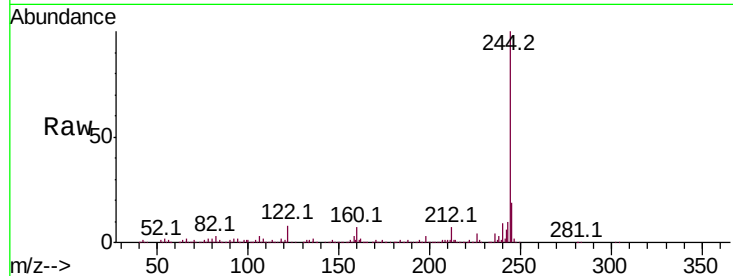
#79
 Terphenyl-d14
 Concen: 44.932 ng
 RT: 19.79 min Scan# 2856
 Delta R.T. -0.02 min
 Lab File: BM020298.D
 Acq: 12 May 2019 14:55

Instrument :
 BNA_M
 ClientSampleId :
 P026-SS010-1824-01

Tot Ion:	244	Resp:	750765
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.7	8.5
122	8.1	6.2	9.2

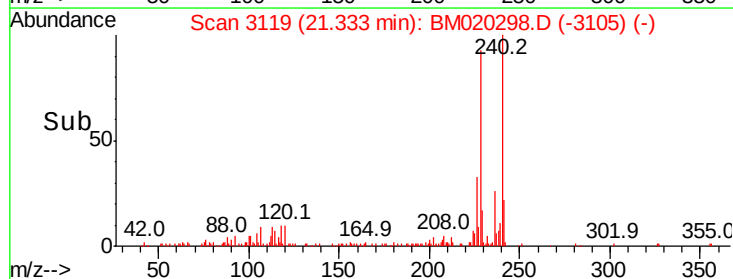
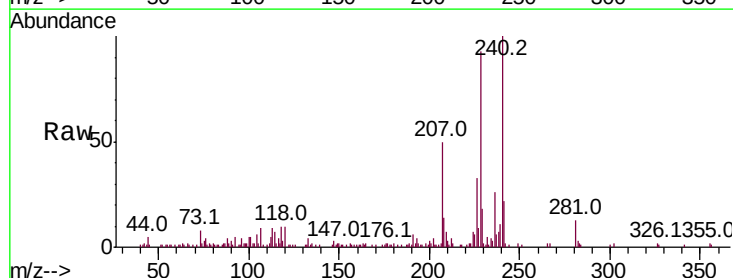
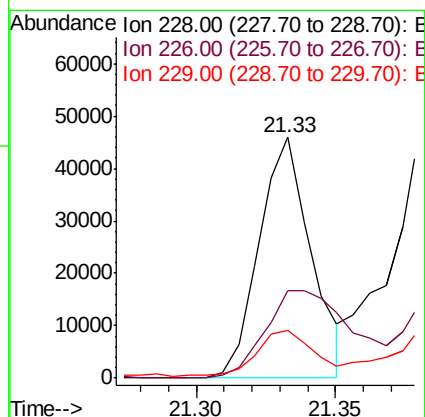
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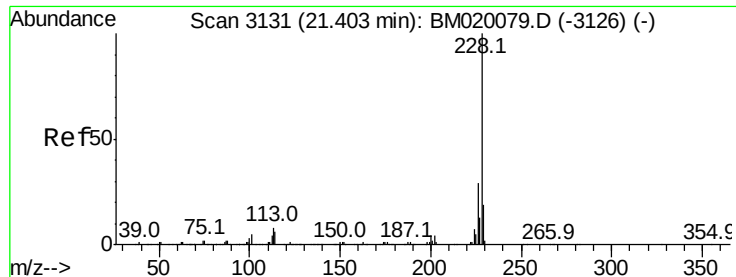
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#81
 Benzo(a)anthracene
 Concen: 2.912 ng m
 RT: 21.33 min Scan# 3119
 Delta R.T. -0.02 min
 Lab File: BM020298.D
 Acq: 12 May 2019 14:55

Tgt Ion:	228	Resp:	59513
Ion Ratio	Lower	Upper	
228	100		
226	36.1	21.3	31.9#
229	19.8	15.5	23.3





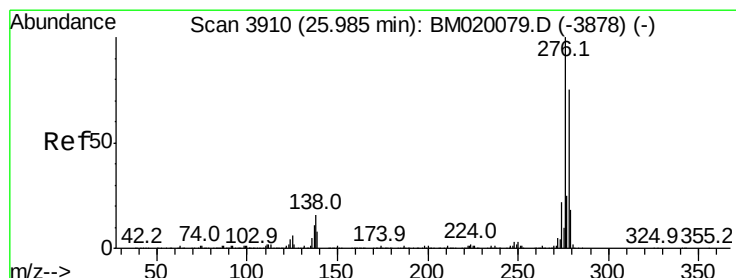
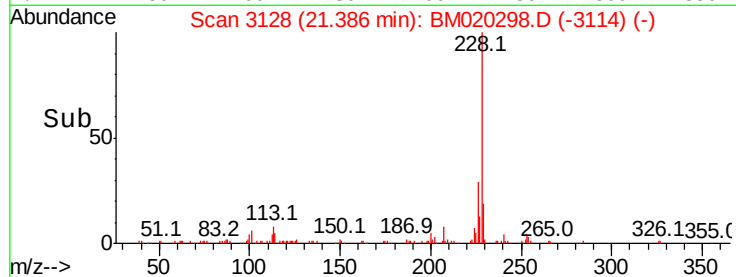
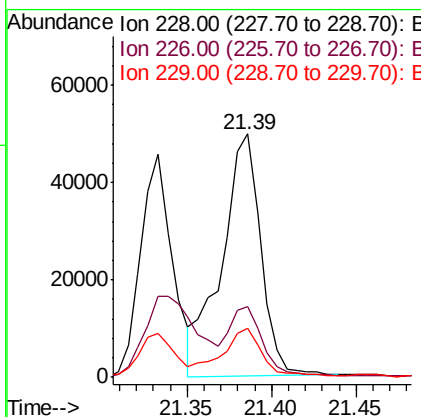
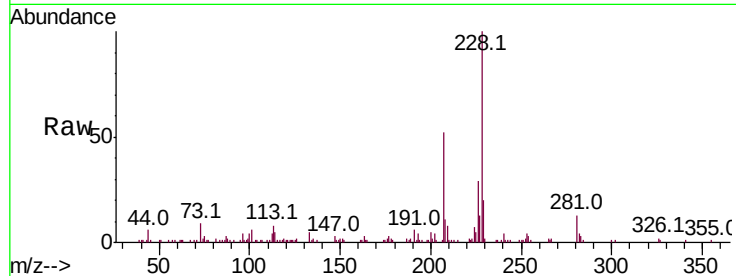
#83
Chrysene
Concen: 4.029 ng
RT: 21.39 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BM020298.D
Acq: 12 May 2019 14:55

Instrument :
BNA_M
ClientSampleId :
P026-SS010-1824-01

Tot Ion:	228	Resp:	79856
Ion Ratio	Lower	Upper	
228	100		
226	29.3	23.0	34.6
229	19.9	15.5	23.3

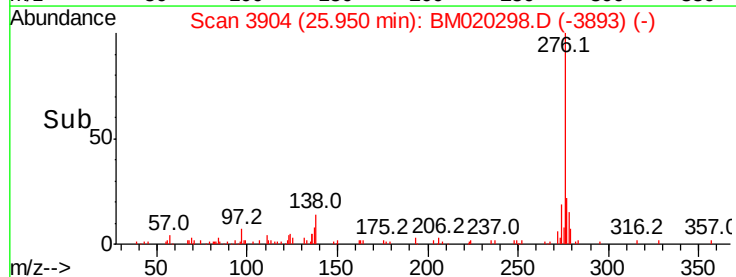
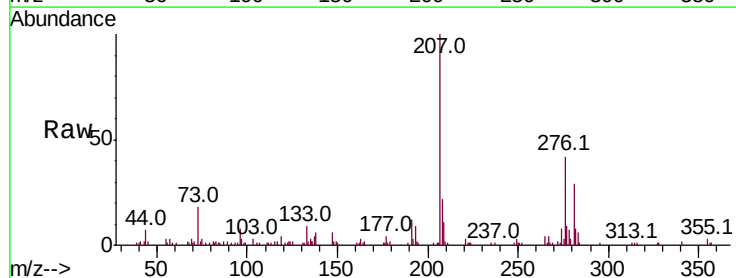
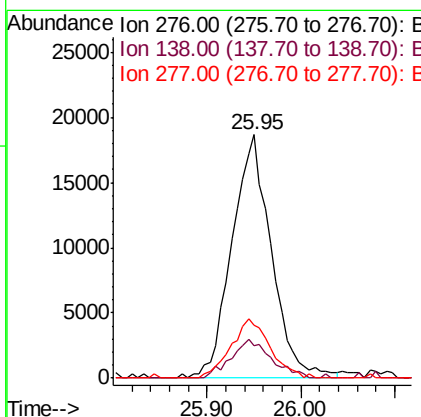
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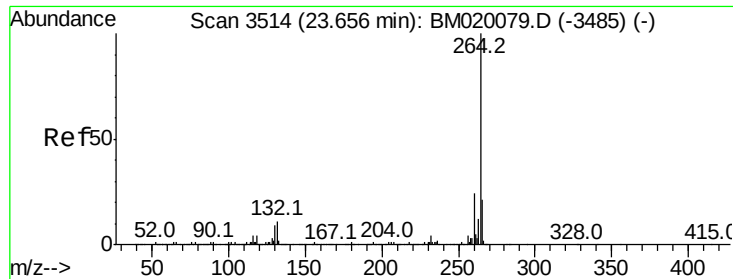
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.307 ng
RT: 25.95 min Scan# 3904
Delta R.T. -0.04 min
Lab File: BM020298.D
Acq: 12 May 2019 14:55

Tgt Ion:	276	Resp:	54387
Ion Ratio	Lower	Upper	
276	100		
138	16.2	0.0	0.0#
277	23.9	0.0	0.0#





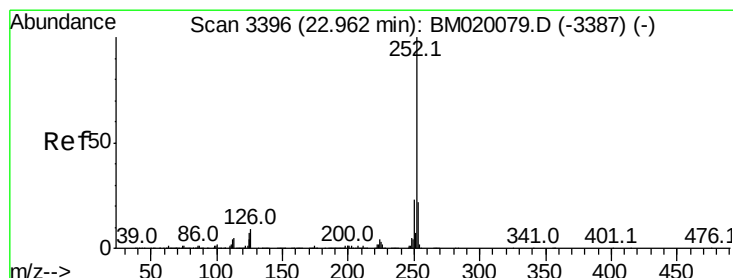
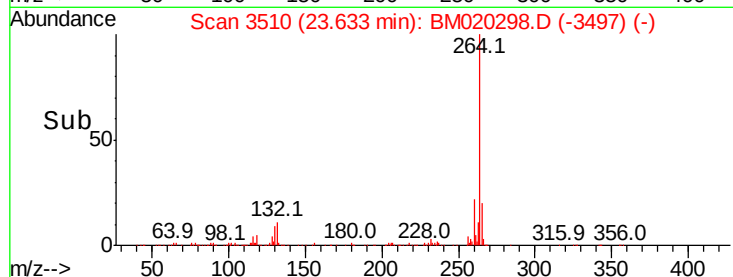
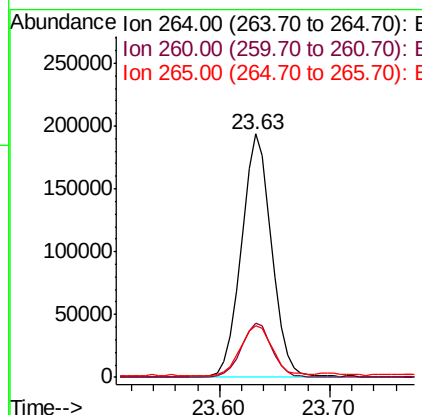
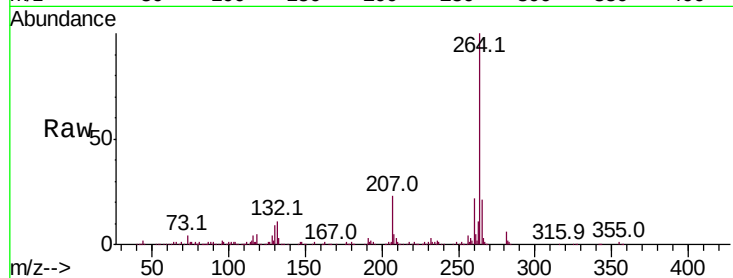
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3510
Delta R.T. -0.02 min
Lab File: BM020298.D
Acq: 12 May 2019 14:55

Instrument :
BNA_M
ClientSampleId :
P026-SS010-1824-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.2	28.8
265	21.0	16.9	25.3

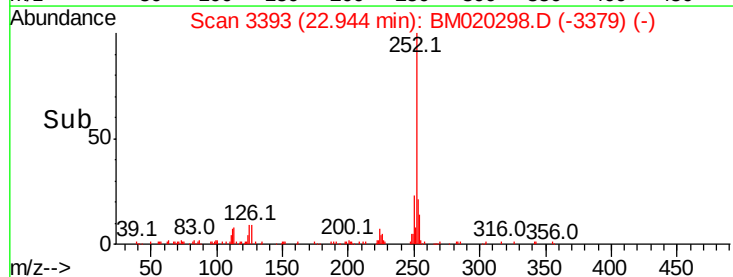
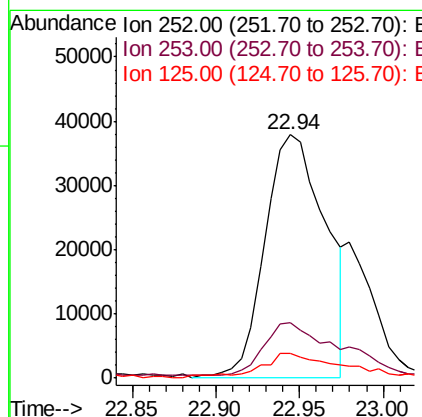
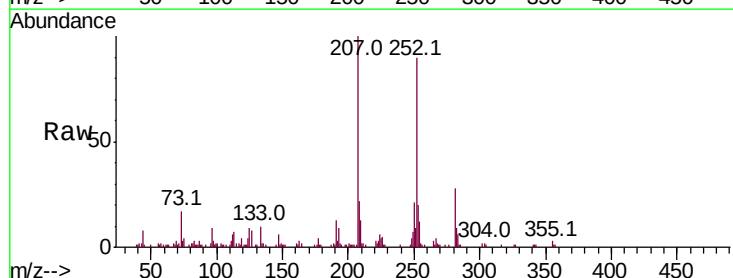
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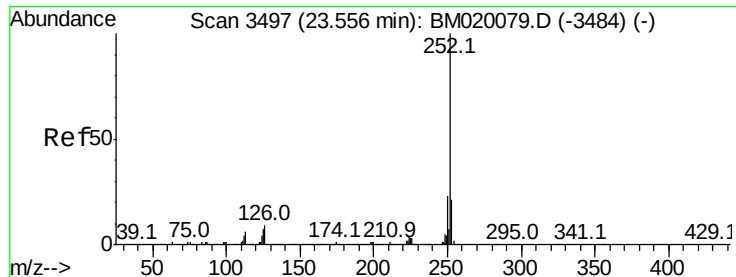
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#88
Benzo(b)fluoranthene
Concen: 3.844 ng m
RT: 22.94 min Scan# 3393
Delta R.T. -0.02 min
Lab File: BM020298.D
Acq: 12 May 2019 14:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	10.1	5.4	8.2#





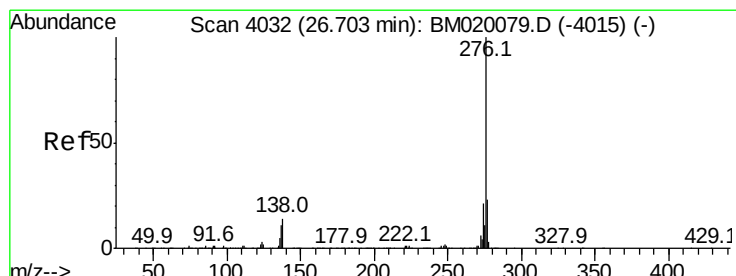
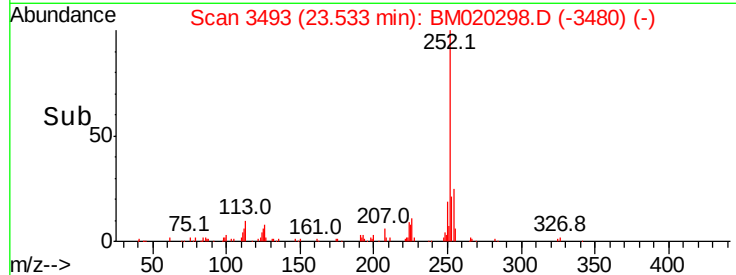
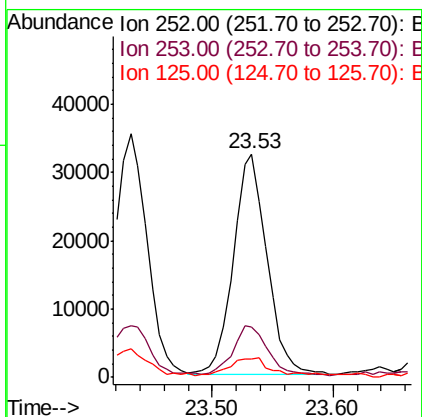
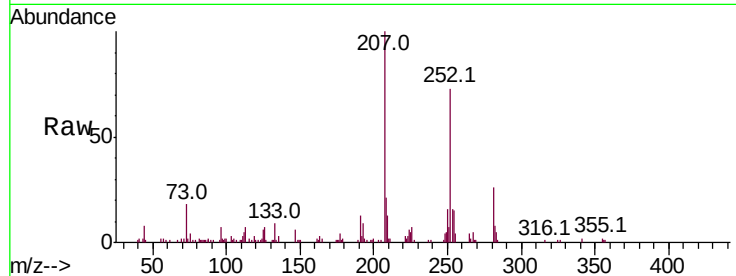
#90
Benzo(a)pyrene
Concen: 2.778 ng
RT: 23.53 min Scan# 3493
Delta R.T. -0.02 min
Lab File: BM020298.D
Acq: 12 May 2019 14:55

Instrument :
BNA_M
ClientSampleId :
P026-SS010-1824-01

Tot Ion:	252	Resp:	62378
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.0	25.6
125	8.0	5.5	8.3

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.984 ng
RT: 26.67 min Scan# 4026
Delta R.T. -0.04 min
Lab File: BM020298.D
Acq: 12 May 2019 14:55

Tgt Ion:	276	Resp:	66152
Ion Ratio	Lower	Upper	
276	100		
277	26.5	18.4	27.6
138	15.4	11.1	16.7

