

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051219\
 Data File : BM020302.D
 Acq On : 12 May 2019 17:19
 Operator : JU/SJ
 Sample : K2768-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P026-SS015-0206-01

Manual Integrations
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 5/14/2019 8:07:33 PM

Quant Time: May 13 07:01:34 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	55900	20.00	ng	-0.03
21) Naphthalene-d8	10.56	136	188356	20.00	ng	-0.03
39) Acenaphthene-d10	14.41	164	116352	20.00	ng	-0.02
64) Phenanthrene-d10	17.16	188	287412	20.00	ng	-0.02
76) Chrysene-d12	21.34	240	333420	20.00	ng	-0.02
87) Perylene-d12	23.63	264	399769	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	417081	121.96	ng	-0.02
7) Phenol-d6	6.93	99	545982	116.86	ng	-0.02
23) Nitrobenzene-d5	8.93	82	364911	76.49	ng	-0.03
42) 2,4,6-Tribromophenol	15.90	330	218954	121.24	ng	-0.02
45) 2-Fluorobiphenyl	13.03	172	611638	64.68	ng	-0.03
79) Terphenyl-d14	19.79	244	1127290	58.97	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.87	163	87715	8.870	ng	98
71) Phenanthrene	17.20	178	48933	3.084	ng	98
75) Fluoranthene	19.22	202	116236	5.790	ng	99
78) Pyrene	19.59	202	232757	10.398	ng	98
81) Benzo(a)anthracene	21.33	228	84403m	3.610	ng	
83) Chrysene	21.39	228	120942	5.333	ng	98
86) Indeno(1,2,3-cd)pyrene	25.94	276	77237	2.863	ng	# 100
88) Benzo(b)fluoranthene	22.94	252	149118m	5.649	ng	
90) Benzo(a)pyrene	23.53	252	92177	3.844	ng	96
92) Benzo(g,h,i)perylene	26.66	276	93352	3.943	ng	99

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

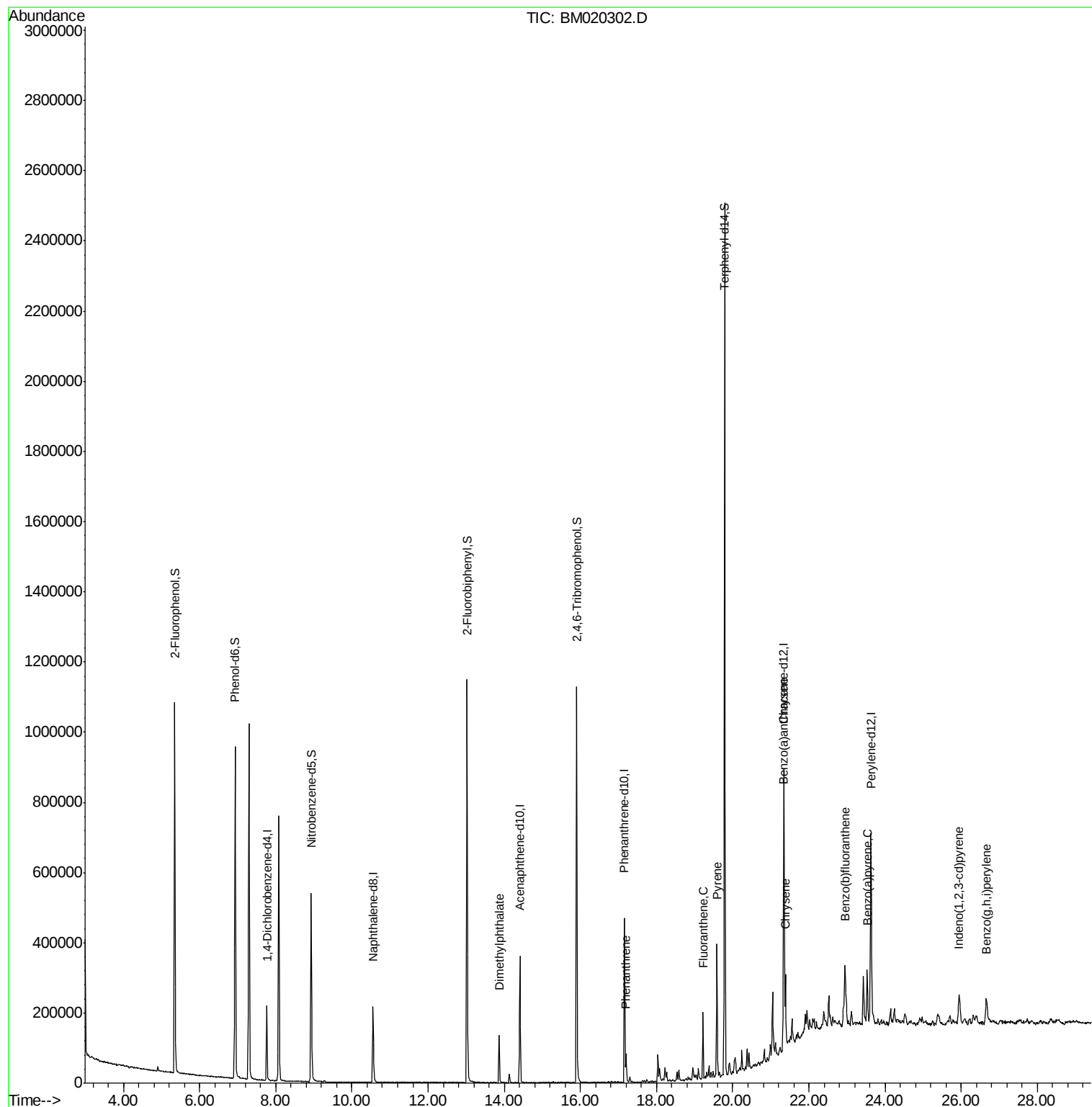
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051219\
Data File : BM020302.D
Acq On : 12 May 2019 17:19
Operator : JU/SJ
Sample : K2768-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

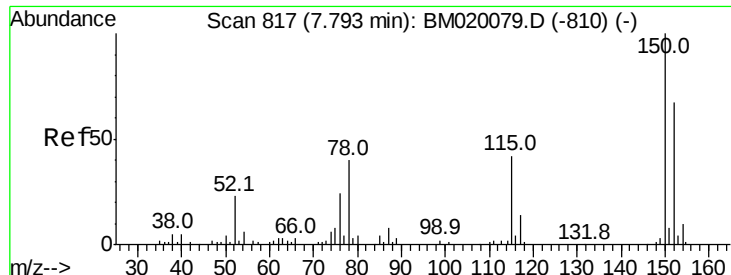
Instrument :
BNA_M
ClientSampleId :
P026-SS015-0206-01

Manual Integrations
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5/14/2019 8:07:33 PM

Quant Time: May 13 07:01:34 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

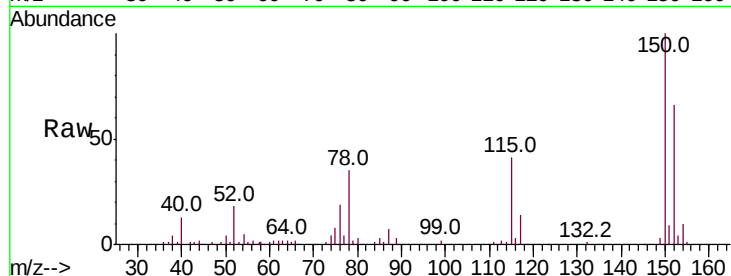
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 812
Delta R.T. -0.03 min
Lab File: BM020302.D
Acq: 12 May 2019 17:19

Instrument :
BNA_M
ClientSampleId :
P026-SS015-0206-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	119.8	179.8
115	63.0	50.8	76.2

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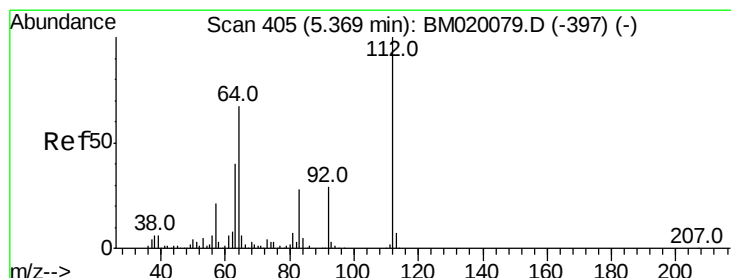
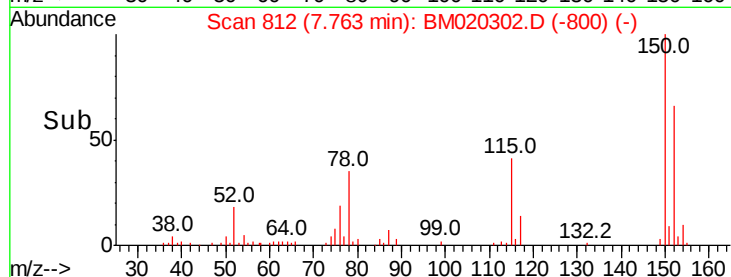
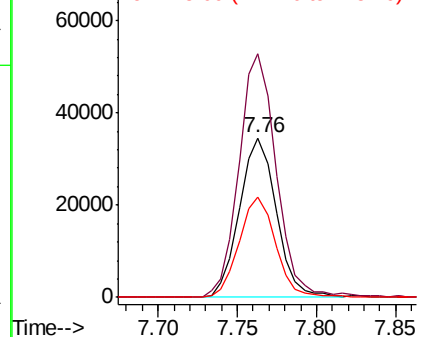


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

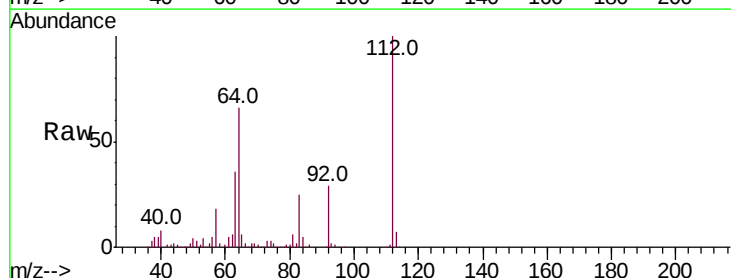
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 121.960 ng
RT: 5.35 min Scan# 401
Delta R.T. -0.02 min
Lab File: BM020302.D
Acq: 12 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	53.8	80.6
63	35.7	32.3	48.5

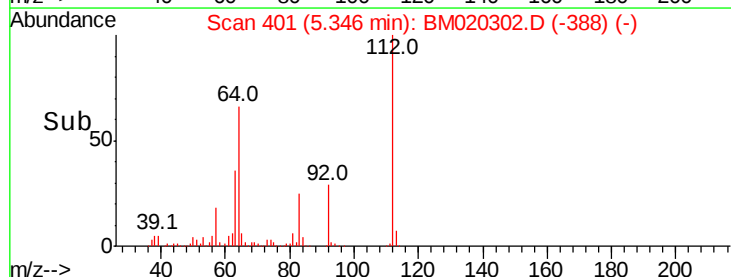
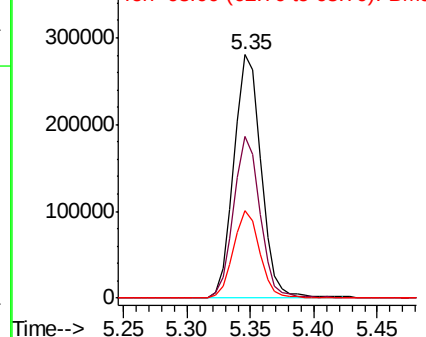


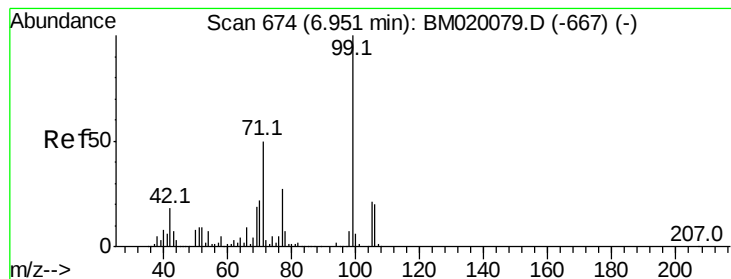
Abundance

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: 116.864 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.02 min

Lab File: BM020302.D

Acq: 12 May 2019 17:19

Instrument :

BNA_M

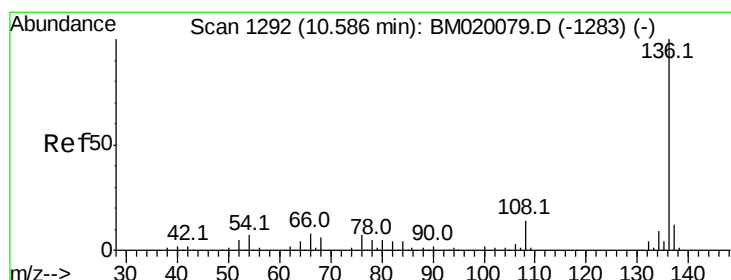
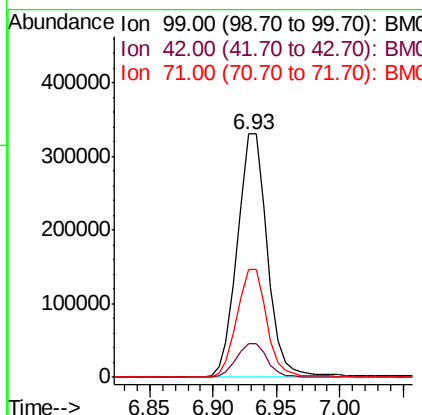
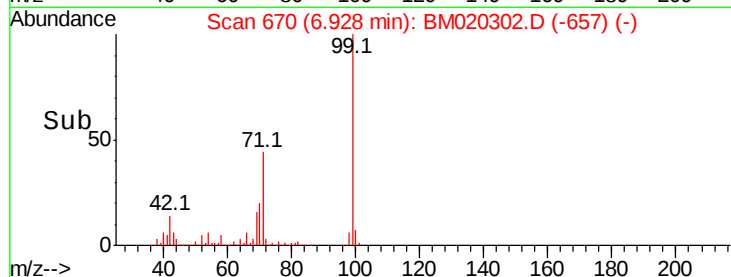
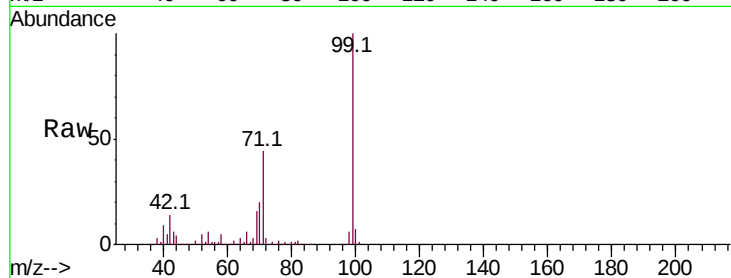
ClientSampleId :

P026-SS015-0206-01

Tot Ion:	99	Resp:	545982
Ion Ratio	Lower	Upper	
99	100		
42	14.1	14.2	21.2#
71	44.2	40.3	60.5

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#21

Naphthalene-d8

Concen: 20.000 ng

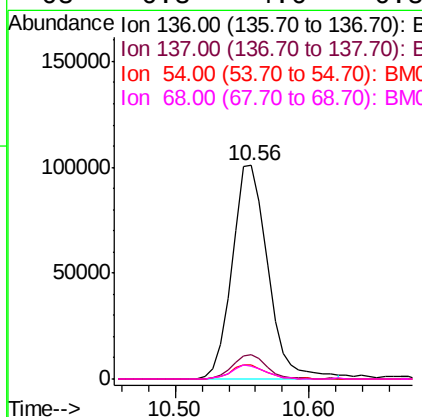
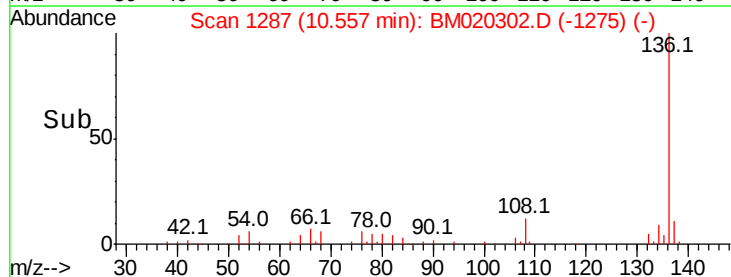
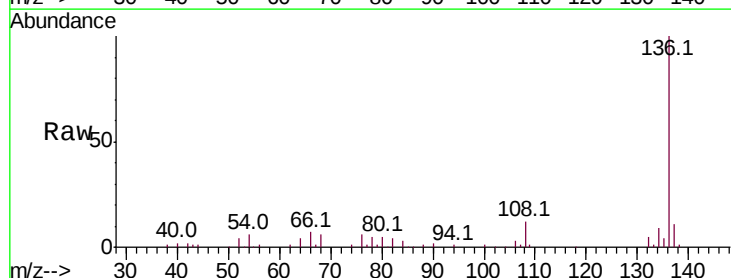
RT: 10.56 min Scan# 1287

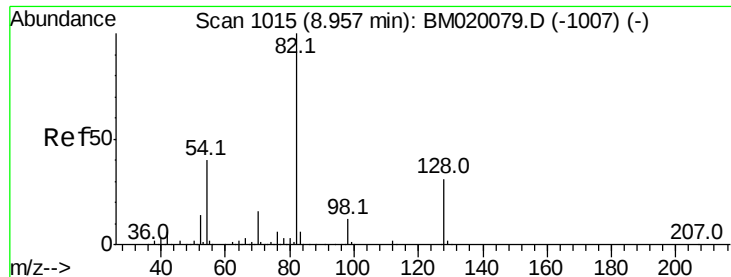
Delta R.T. -0.03 min

Lab File: BM020302.D

Acq: 12 May 2019 17:19

Tgt Ion:	136	Resp:	188356
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.6	14.4
54	6.4	5.5	8.3
68	6.3	4.6	6.8





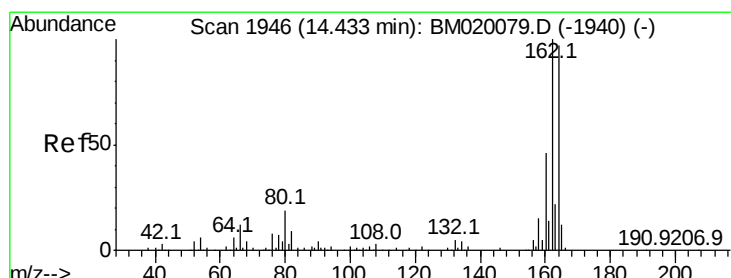
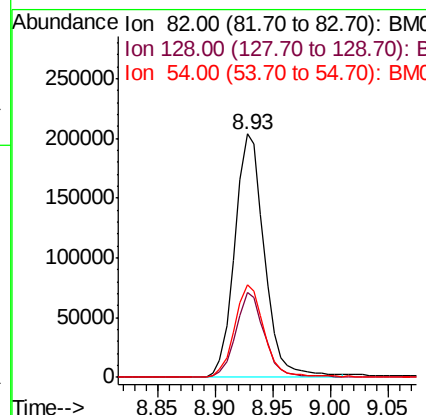
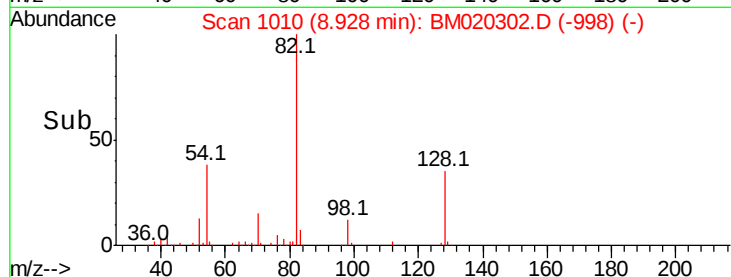
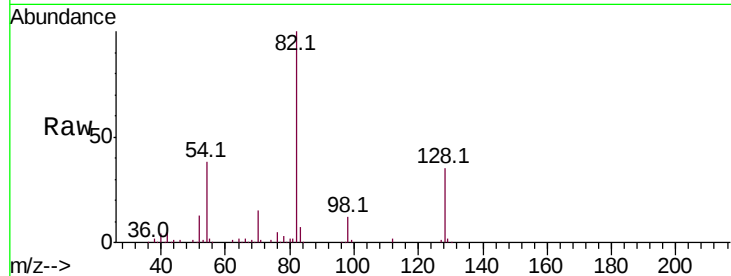
#23
Nitrobenzene-d5
Concen: 76.487 ng
RT: 8.93 min Scan# 1010
Delta R.T. -0.03 min
Lab File: BM020302.D
Acq: 12 May 2019 17:19

Instrument :
BNA_M
ClientSampleId :
P026-SS015-0206-01

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	34.8	25.2	37.8	
54	38.1	31.9	47.9	

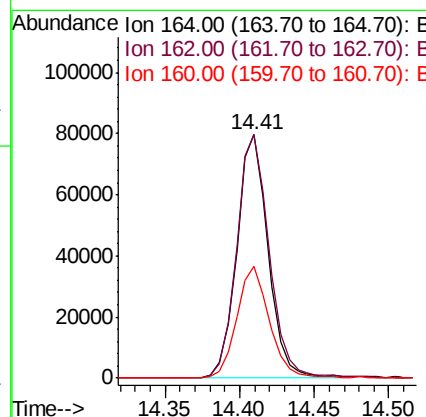
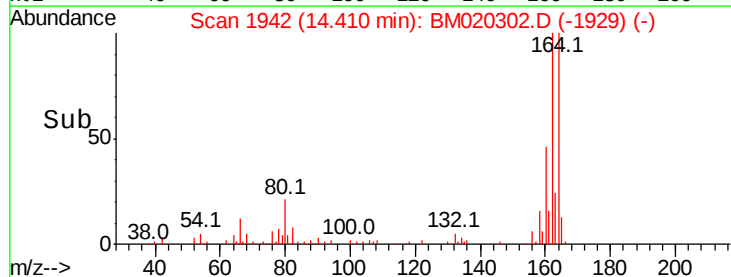
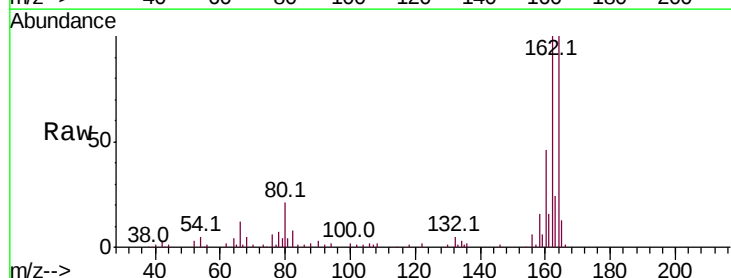
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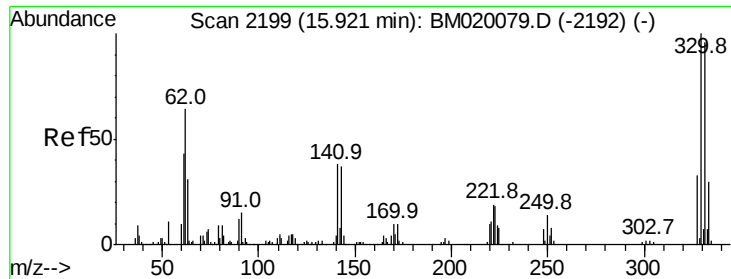
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BM020302.D
Acq: 12 May 2019 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.1	82.2	123.2	
160	45.7	37.6	56.4	





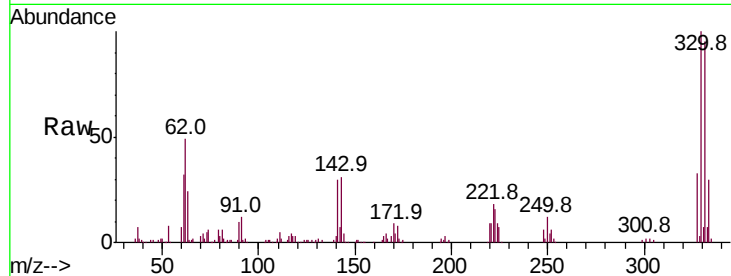
#42
 2,4,6-Tribromophenol
 Concen: 121.237 ng
 RT: 15.90 min Scan# 2196
 Delta R.T. -0.02 min
 Lab File: BM020302.D
 Acq: 12 May 2019 17:19

Instrument :
 BNA_M
 ClientSampleId :
 P026-SS015-0206-01

Tot Ion	Ratio	Resp	Lower	Upper
330	100	218954		
332	96.1	76.8	115.2	
141	32.3	29.2	43.8	

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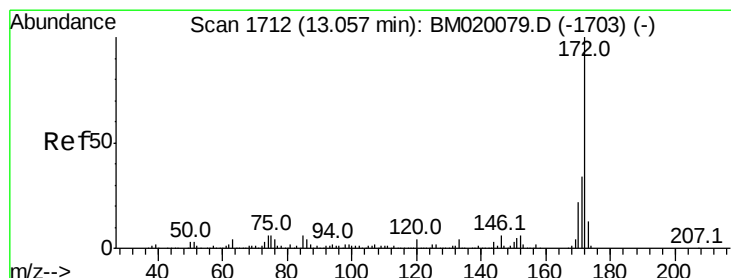
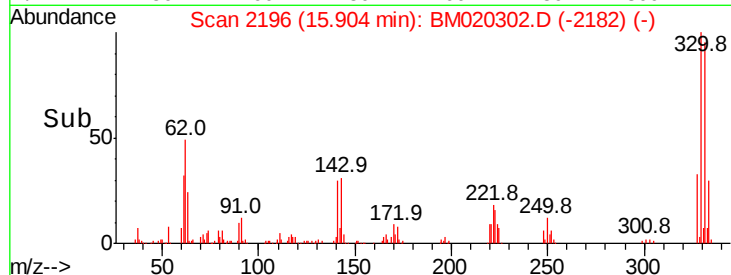
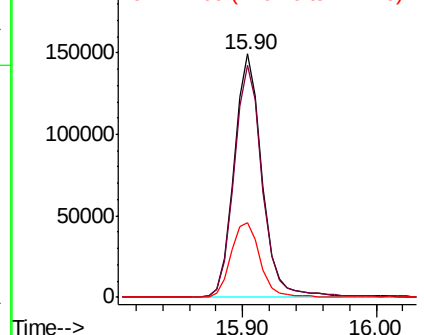


Abundance

Ion 329.80 (329.50 to 330.50): E

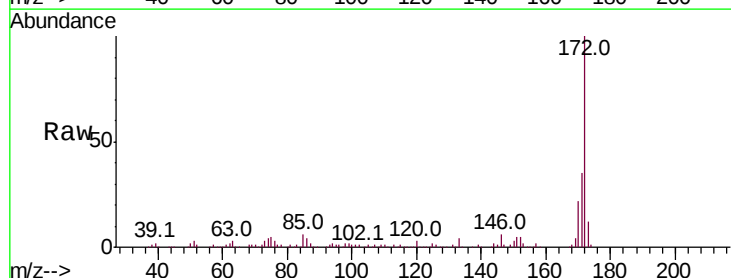
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 64.678 ng
 RT: 13.03 min Scan# 1707
 Delta R.T. -0.03 min
 Lab File: BM020302.D
 Acq: 12 May 2019 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	611638		
171	34.6	27.3	40.9	
170	22.3	17.9	26.9	

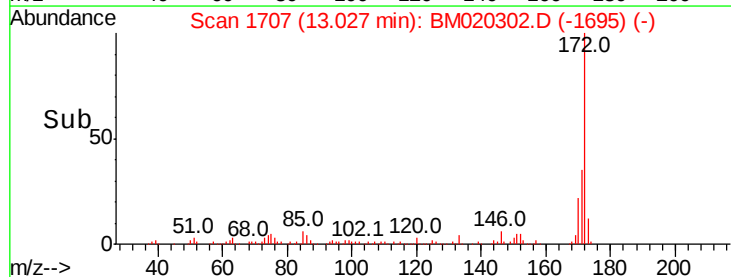
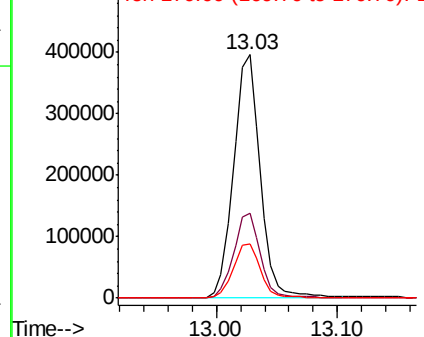


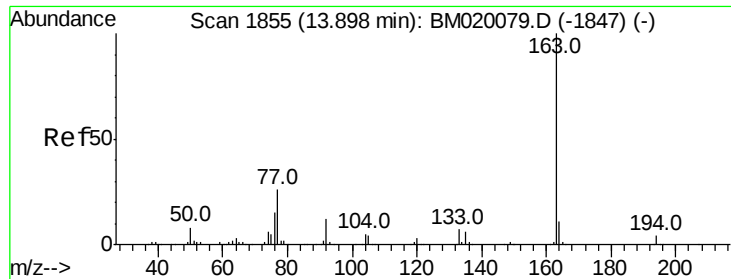
Abundance

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: 8.870 ng

RT: 13.87 min Scan# 1850

Delta R.T. -0.03 min

Lab File: BM020302.D

Acq: 12 May 2019 17:19

Instrument :

BNA_M

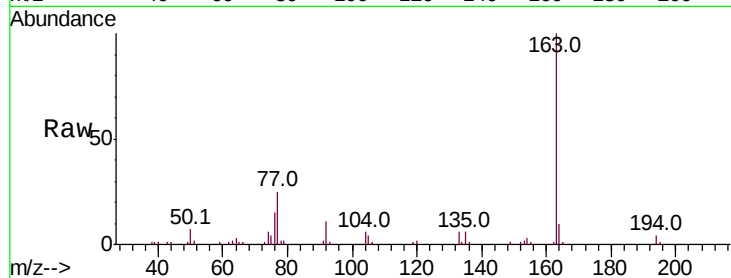
ClientSampleId :

P026-SS015-0206-01

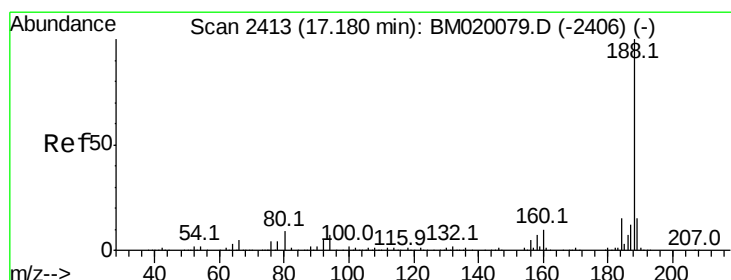
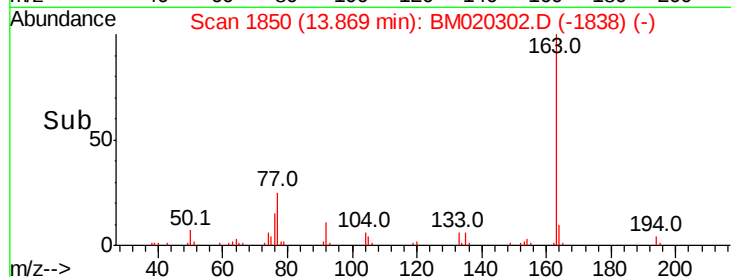
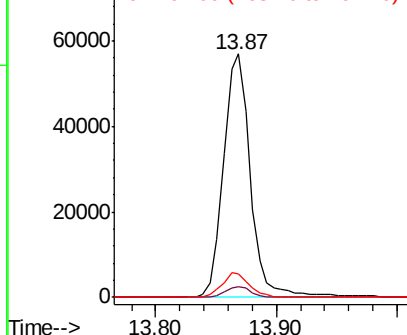
Tot Ion:	163	Resp:	87715
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.6	5.4
164	9.7	8.4	12.6

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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# 2409

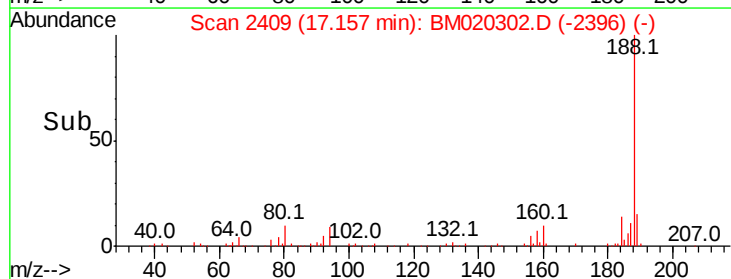
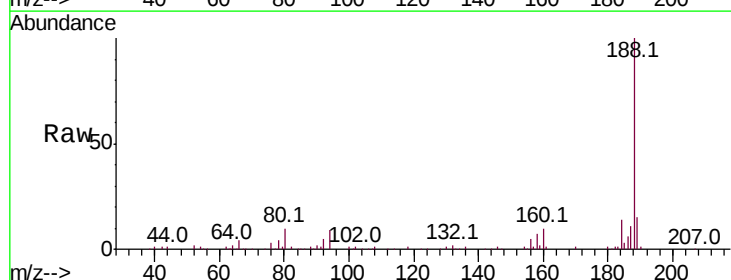
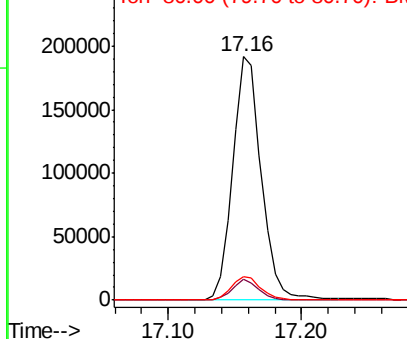
Delta R.T. -0.02 min

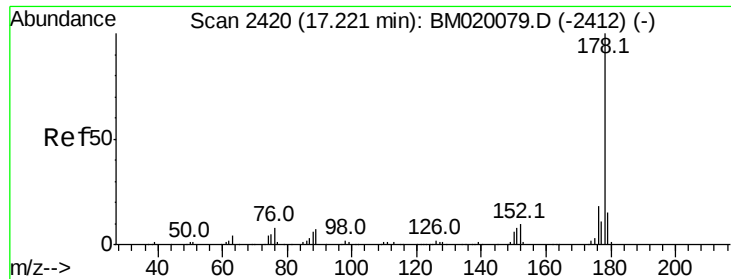
Lab File: BM020302.D

Acq: 12 May 2019 17:19

Tgt Ion:	188	Resp:	287412
Ion Ratio	Lower	Upper	
188	100		
94	8.5	5.8	8.6
80	9.8	7.4	11.2

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





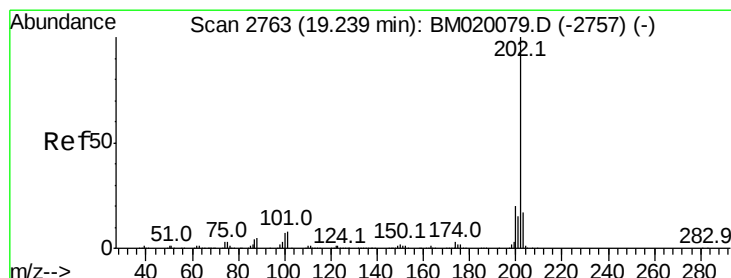
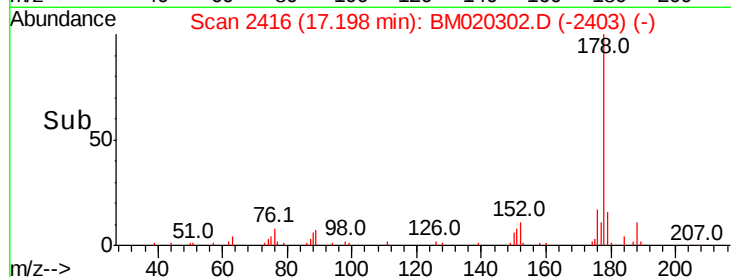
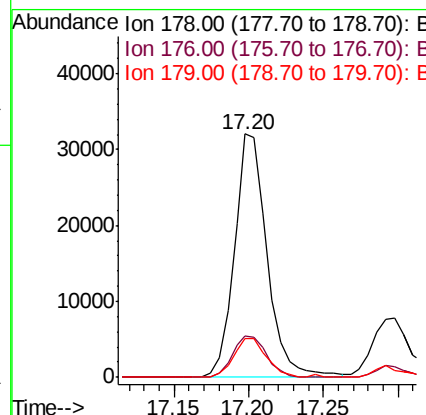
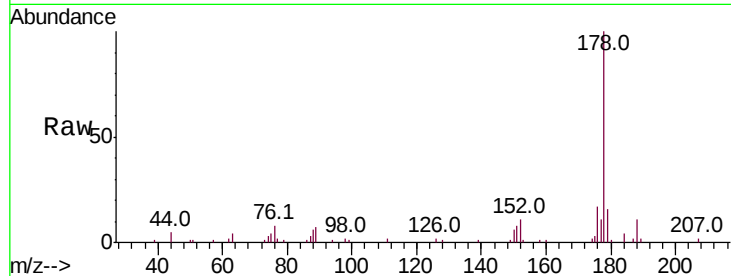
#71
Phenanthrene
Concen: 3.084 ng
RT: 17.20 min Scan# 2416
Delta R.T. -0.02 min
Lab File: BM020302.D
Acq: 12 May 2019 17:19

Instrument :
BNA_M
ClientSampleId :
P026-SS015-0206-01

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.0	14.6	21.8
179	15.9	12.4	18.6

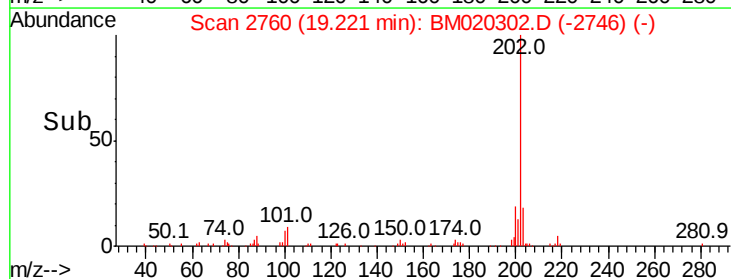
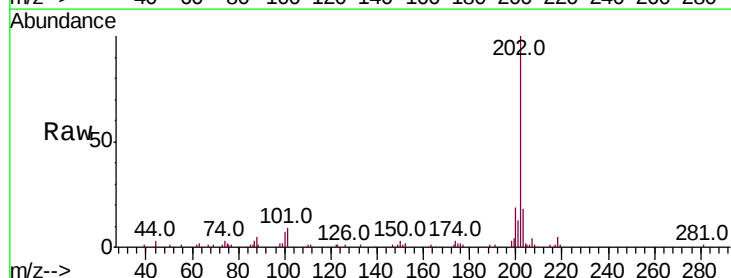
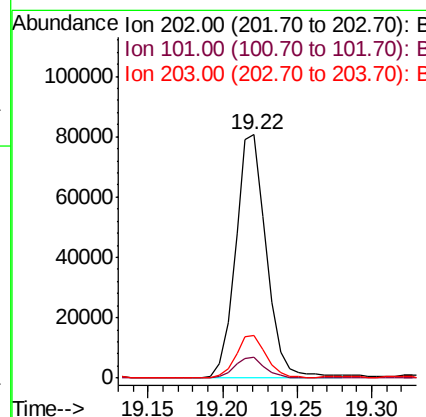
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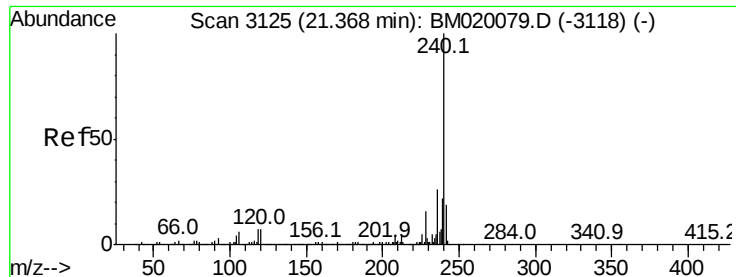
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#75
Fluoranthene
Concen: 5.790 ng
RT: 19.22 min Scan# 2760
Delta R.T. -0.02 min
Lab File: BM020302.D
Acq: 12 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	28.4
203	17.7	0.0	37.4





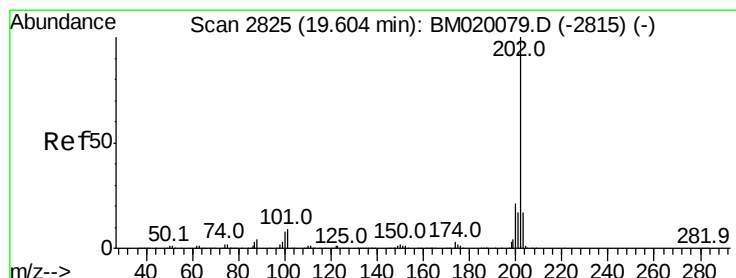
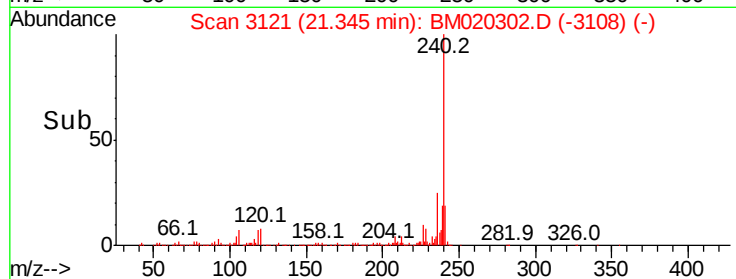
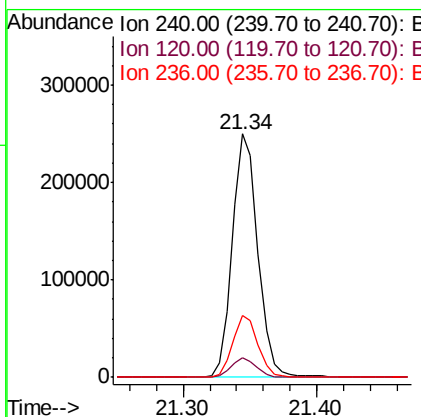
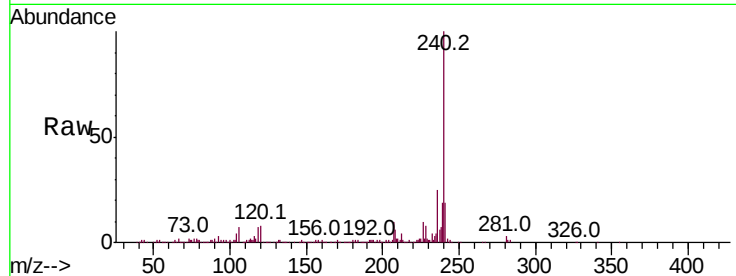
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.34 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BM020302.D
Acq: 12 May 2019 17:19

Instrument :
BNA_M
ClientSampleId :
P026-SS015-0206-01

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.9	5.6	8.4
236	25.4	20.9	31.3

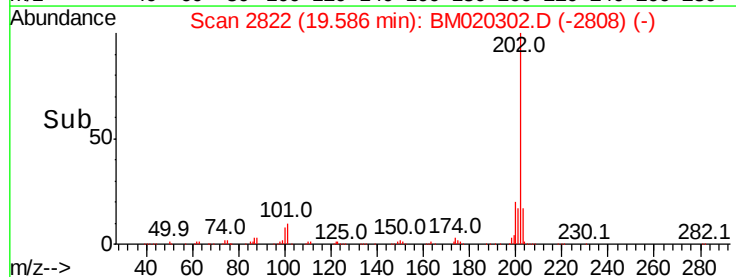
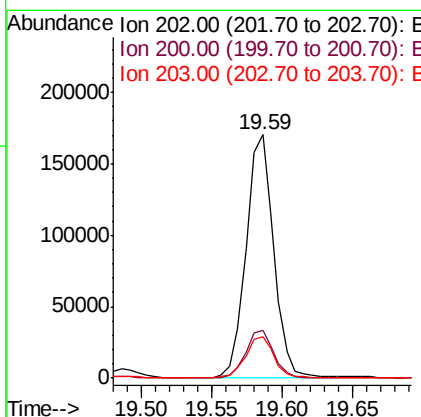
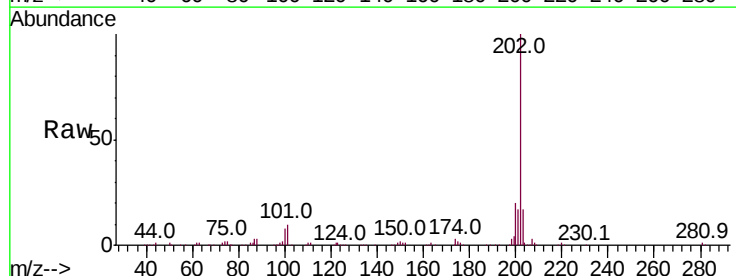
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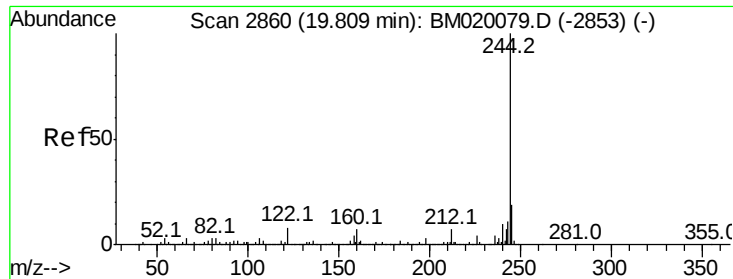
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#78
Pyrene
Concen: 10.398 ng
RT: 19.59 min Scan# 2822
Delta R.T. -0.02 min
Lab File: BM020302.D
Acq: 12 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.5	24.7
203	17.0	13.9	20.9





#79

Terphenyl-d14

Concen: 58.972 ng

RT: 19.79 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BM020302.D

Acq: 12 May 2019 17:19

Instrument :

BNA_M

ClientSampleId :

P026-SS015-0206-01

Tot Ion:244 Resp: 1127290

Ion Ratio Lower Upper

244 100

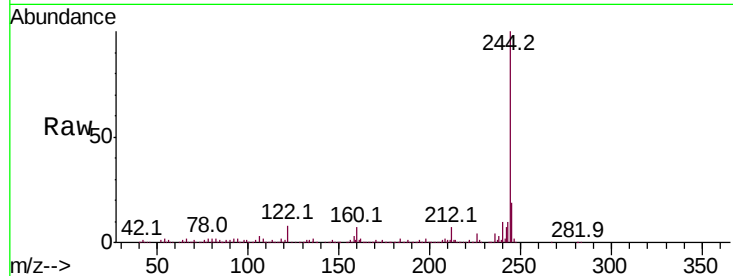
212 6.6 5.7 8.5

122 7.8 6.2 9.2

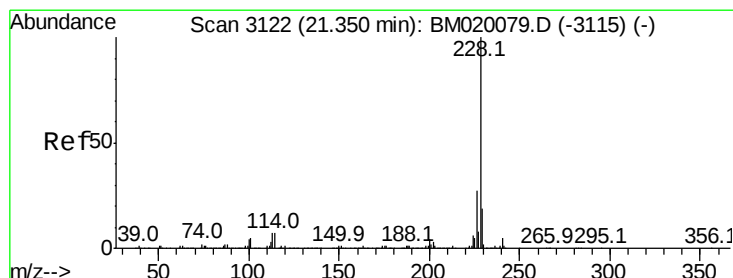
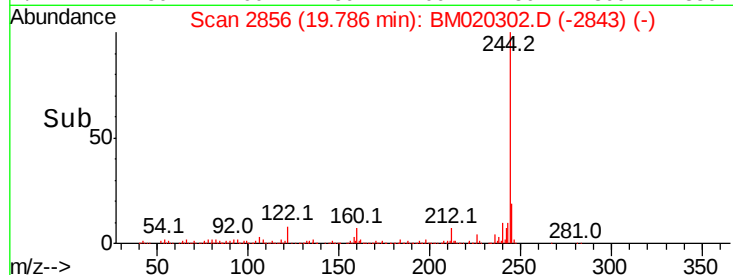
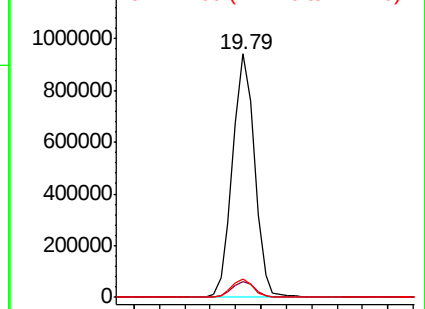
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 3.610 ng m

RT: 21.33 min Scan# 3119

Delta R.T. -0.02 min

Lab File: BM020302.D

Acq: 12 May 2019 17:19

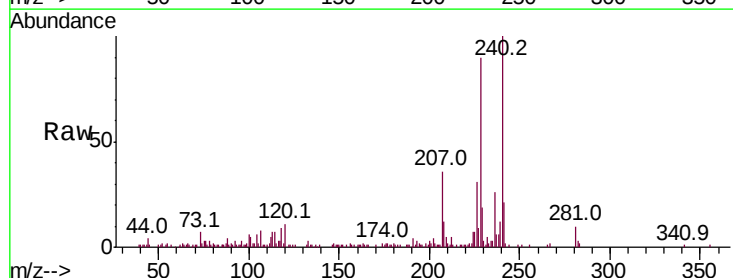
Tgt Ion:228 Resp: 84403

Ion Ratio Lower Upper

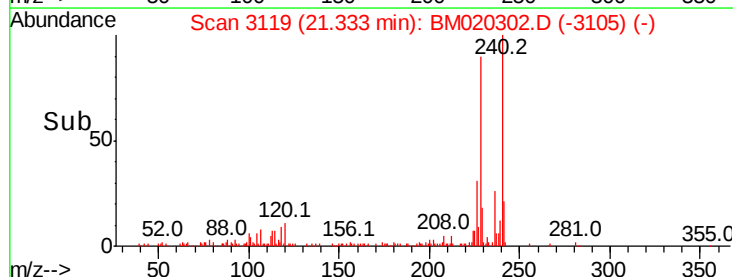
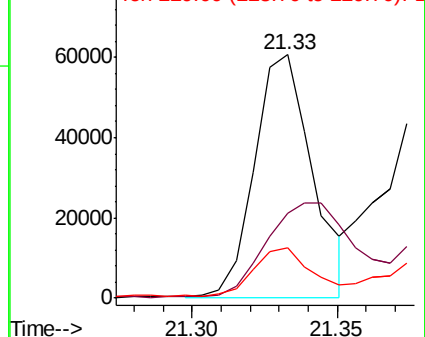
228 100

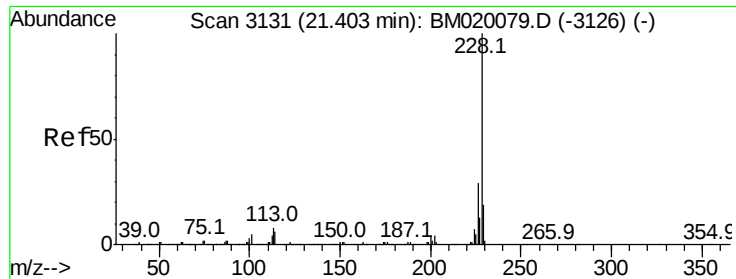
226 35.0 21.3 31.9#

229 20.8 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





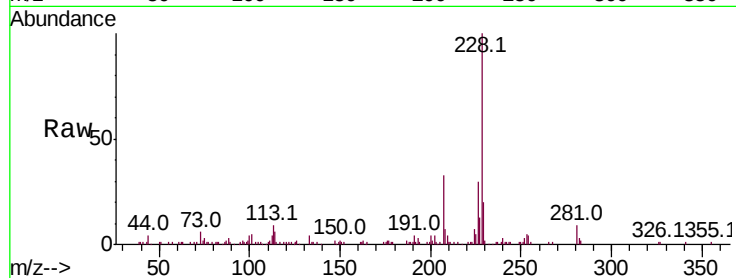
#83
Chrysene
Concen: 5.333 ng
RT: 21.39 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BM020302.D
Acq: 12 May 2019 17:19

Instrument :
BNA_M
ClientSampleId :
P026-SS015-0206-01

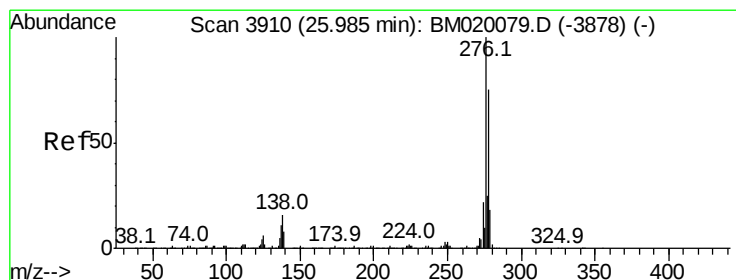
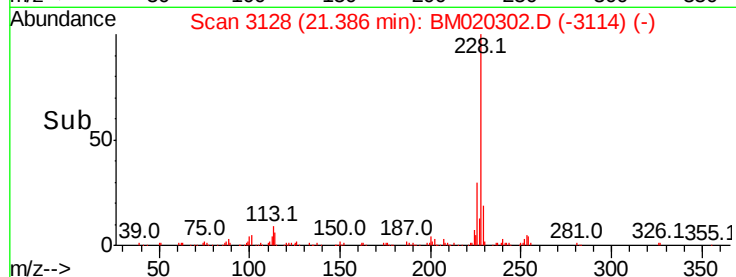
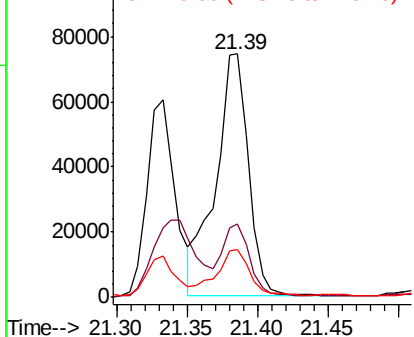
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.0	34.6
229	19.8	15.5	23.3

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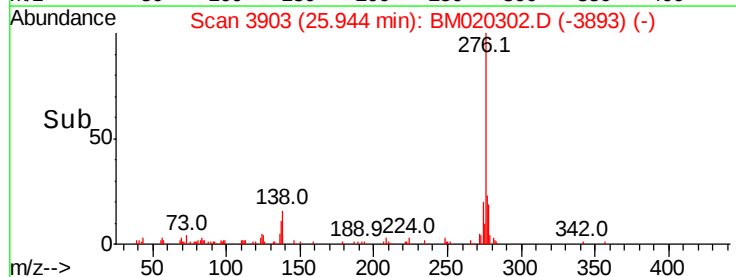
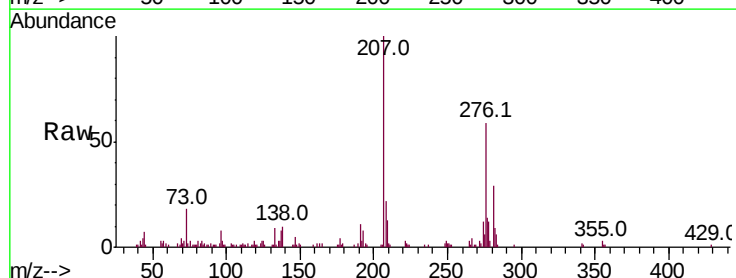
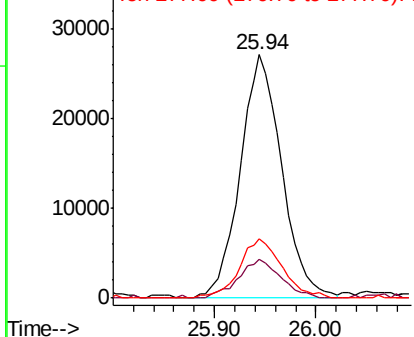
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

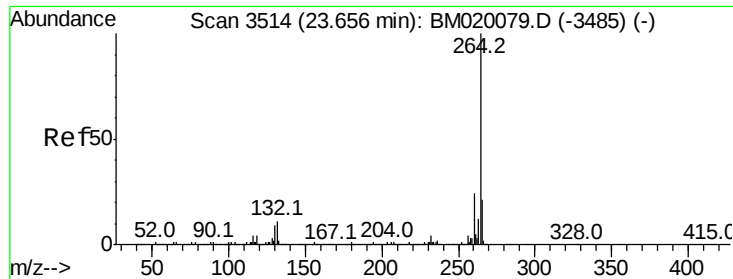


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.863 ng
RT: 25.94 min Scan# 3903
Delta R.T. -0.04 min
Lab File: BM020302.D
Acq: 12 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.2	0.0	0.0#
277	25.1	0.0	0.0#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.63 min Scan# 3510

Delta R.T. -0.02 min

Lab File: BM020302.D

Acq: 12 May 2019 17:19

Instrument :

BNA_M

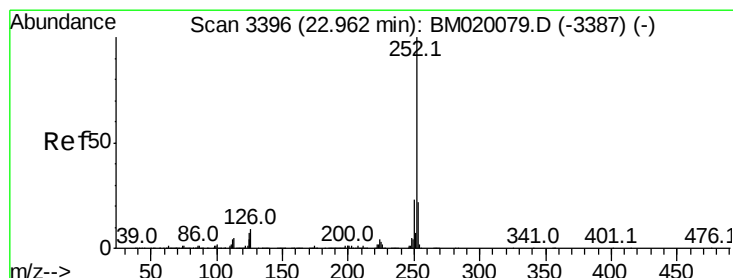
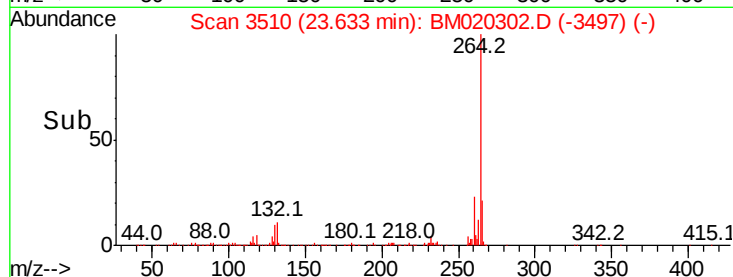
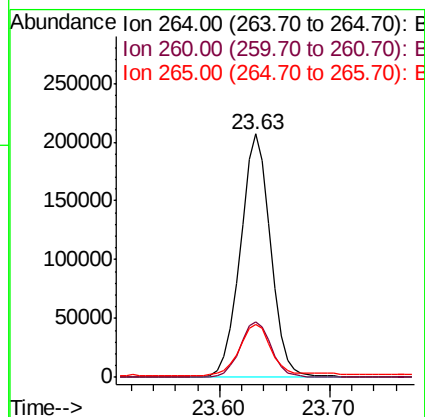
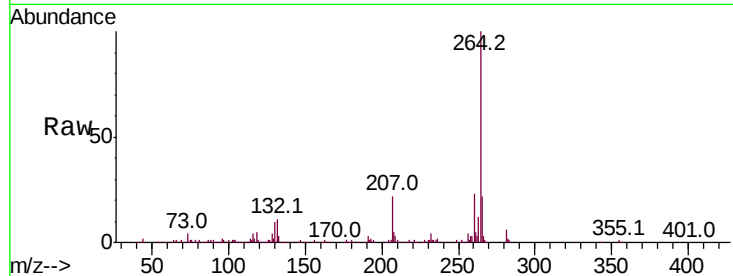
ClientSampleId :

P026-SS015-0206-01

Tot Ion:	264	Resp:	399769
Ion Ratio	Lower	Upper	
264	100		
260	22.9	19.2	28.8
265	21.5	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 5.649 ng m

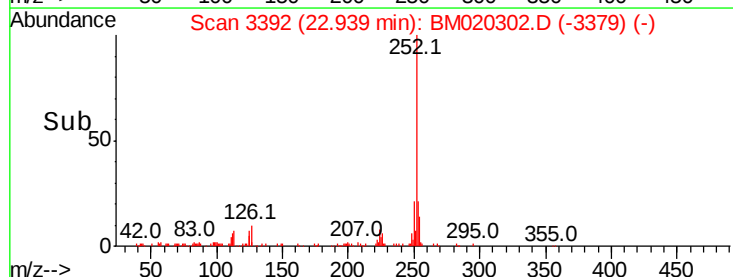
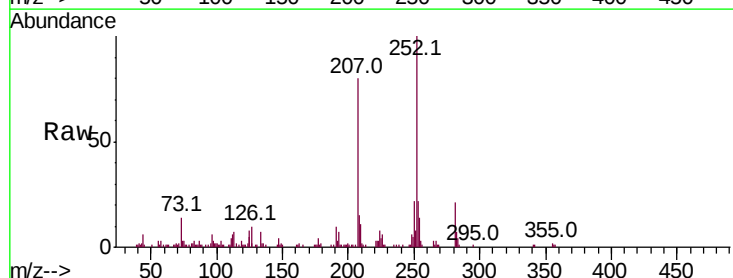
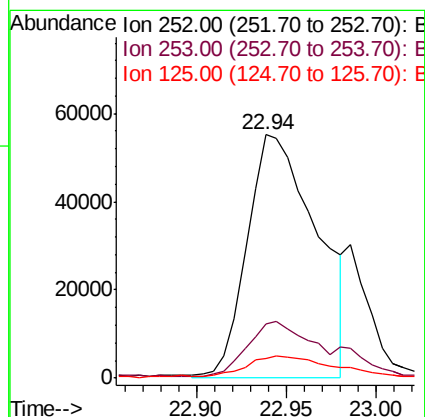
RT: 22.94 min Scan# 3392

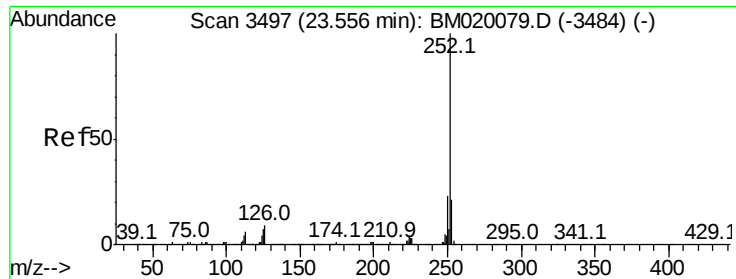
Delta R.T. -0.02 min

Lab File: BM020302.D

Acq: 12 May 2019 17:19

Tgt Ion:	252	Resp:	149118
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.5	26.3
125	8.1	5.4	8.2





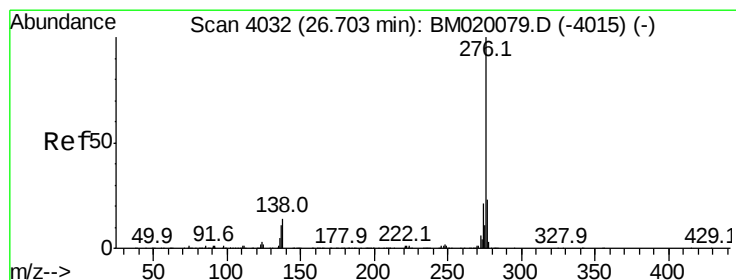
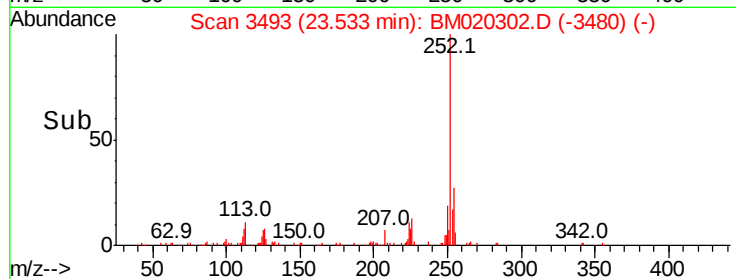
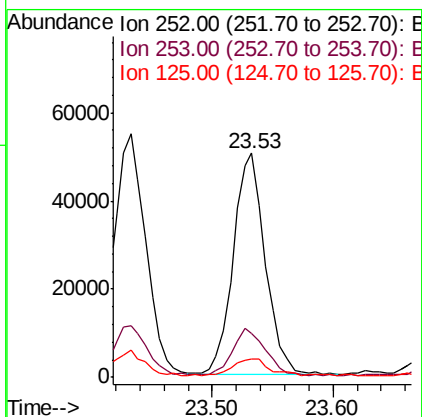
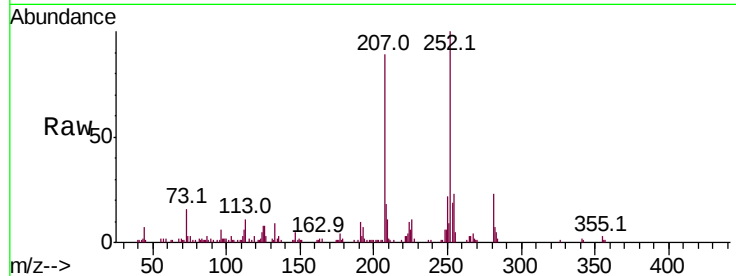
#90
Benzo(a)pyrene
Concen: 3.844 ng
RT: 23.53 min Scan# 3493
Delta R.T. -0.02 min
Lab File: BM020302.D
Acq: 12 May 2019 17:19

Instrument :
BNA_M
ClientSampleId :
P026-SS015-0206-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	19.4	17.0	25.6
125	8.1	5.5	8.3

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#92
Benzo(g,h,i)perylene
Concen: 3.943 ng
RT: 26.66 min Scan# 4025
Delta R.T. -0.04 min
Lab File: BM020302.D
Acq: 12 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.4	27.6
138	15.0	11.1	16.7

