

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051219\
 Data File : BM020307.D
 Acq On : 12 May 2019 20:18
 Operator : JU/SJ
 Sample : K2768-19
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P026-SS016-0612-01

Manual Integrations
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Sohil
 5/14/2019 8:07:41 PM

Quant Time: May 13 07:12:37 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	59555	20.00	ng	-0.03
21) Naphthalene-d8	10.56	136	194758	20.00	ng	-0.03
39) Acenaphthene-d10	14.41	164	117577	20.00	ng	-0.02
64) Phenanthrene-d10	17.16	188	273731	20.00	ng	-0.02
76) Chrysene-d12	21.35	240	312966	20.00	ng	-0.02
87) Perylene-d12	23.63	264	385820	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	471832	129.50	ng	-0.02
7) Phenol-d6	6.93	99	625006	125.57	ng	-0.02
23) Nitrobenzene-d5	8.93	82	420167	85.17	ng	-0.03
42) 2,4,6-Tribromophenol	15.90	330	219765	120.42	ng	-0.02
45) 2-Fluorobiphenyl	13.03	172	598095	62.59	ng	-0.03
79) Terphenyl-d14	19.79	244	921241	51.34	ng	-0.02
Target Compounds						
49) Acenaphthylene	14.13	152	31903	2.580	ng	98
50) Dimethylphthalate	13.87	163	152006	15.211	ng	99
71) Phenanthrene	17.20	178	57676	3.817	ng	98
75) Fluoranthene	19.22	202	159136	8.324	ng	99
78) Pyrene	19.59	202	301511	14.349	ng	98
81) Benzo(a)anthracene	21.33	228	135258m	6.163	ng	
83) Chrysene	21.39	228	183624m	8.626	ng	
86) Indeno(1,2,3-cd)pyrene	25.95	276	113020	4.464	ng	# 100
88) Benzo(b)fluoranthene	22.94	252	197142m	7.738	ng	
89) Benzo(k)fluoranthene	22.97	252	60782m	2.615	ng	
90) Benzo(a)pyrene	23.53	252	155754	6.730	ng	# 97
92) Benzo(a,h,i)perylene	26.67	276	131827	5.770	ng	96

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

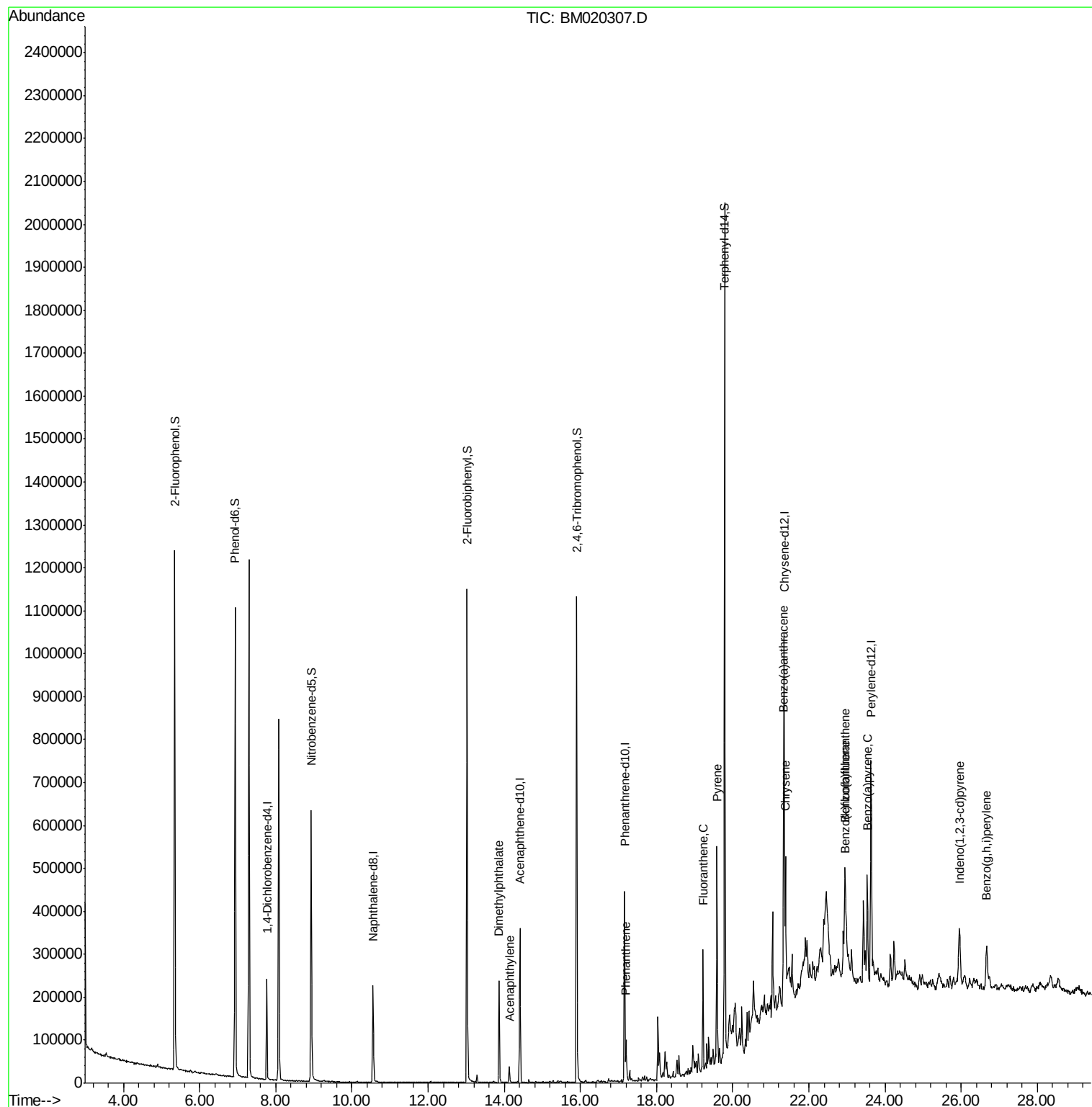
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051219\
Data File : BM020307.D
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ALS Vial : 17 Sample Multiplier: 1

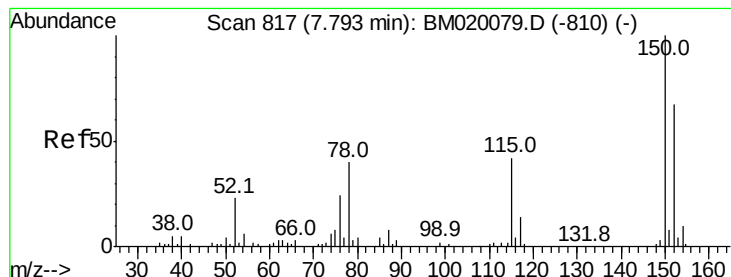
Instrument :
BNA_M
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P026-SS016-0612-01

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

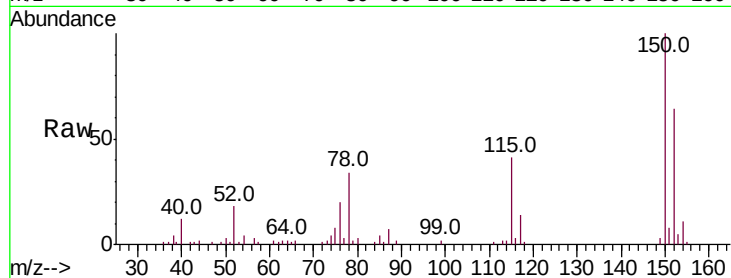
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 812
Delta R.T. -0.03 min
Lab File: BM020307.D
Acq: 12 May 2019 20:18

Instrument :
BNA_M
ClientSampleId :
P026-SS016-0612-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	119.8	179.8
115	63.3	50.8	76.2

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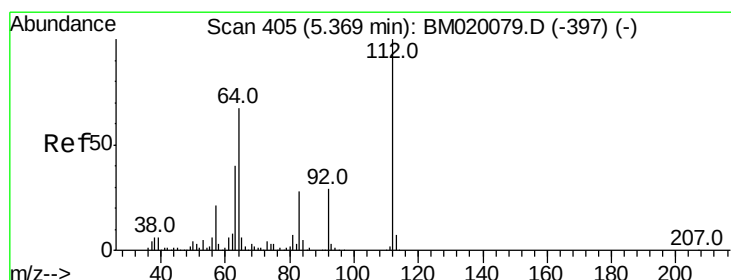
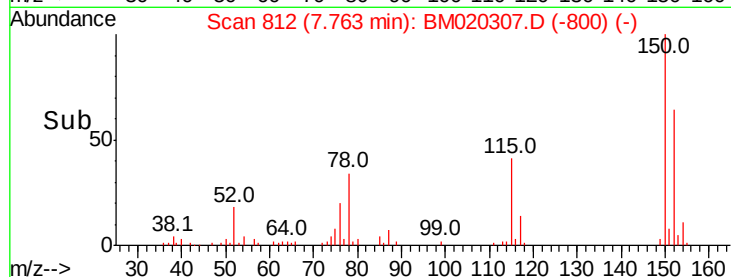
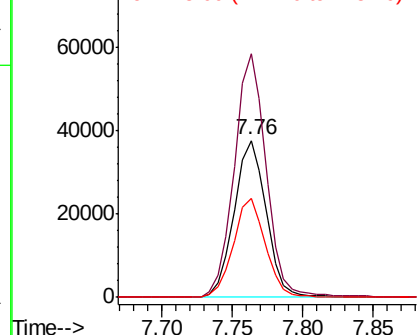


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

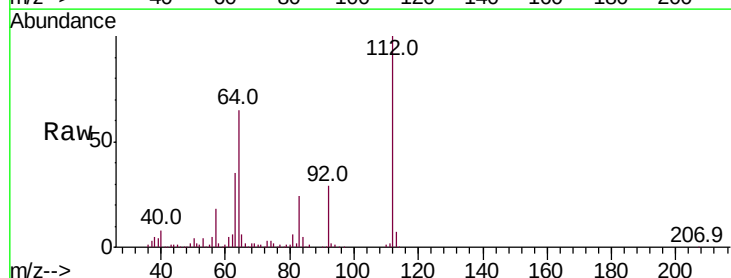
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 129.503 ng
RT: 5.35 min Scan# 401
Delta R.T. -0.02 min
Lab File: BM020307.D
Acq: 12 May 2019 20:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.4	53.8	80.6
63	35.1	32.3	48.5

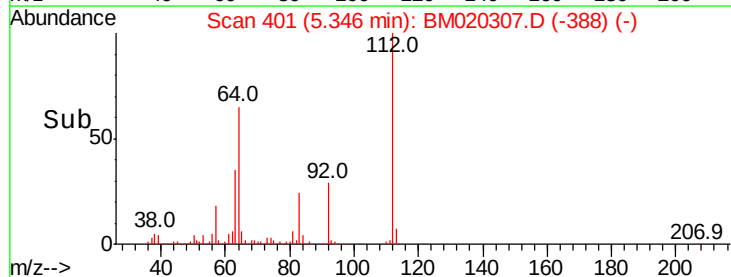
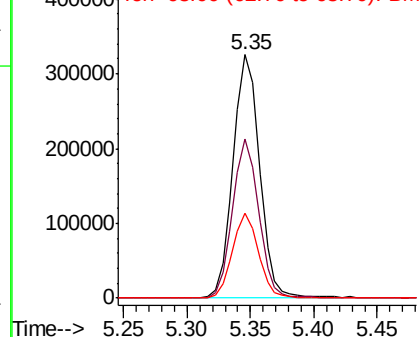


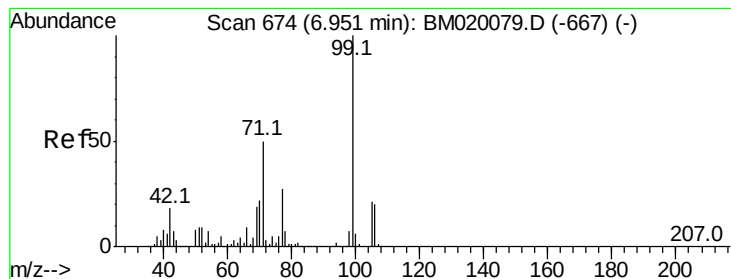
Abundance

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: 125.568 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.02 min

Lab File: BM020307.D

Acq: 12 May 2019 20:18

Instrument :

BNA_M

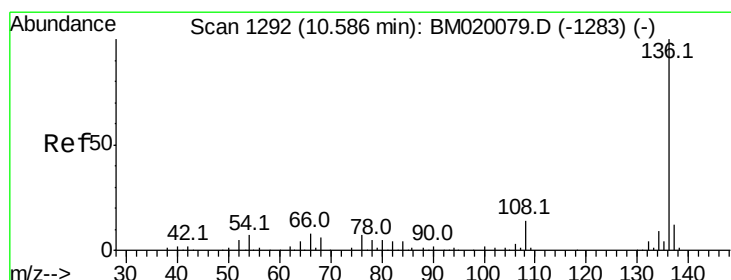
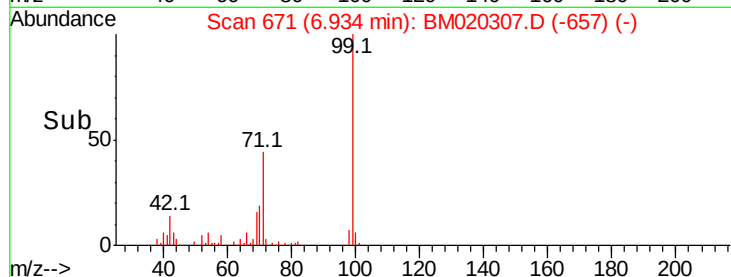
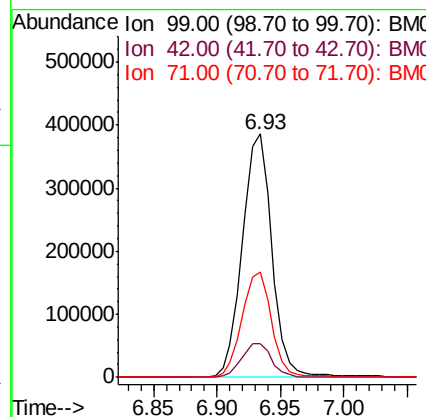
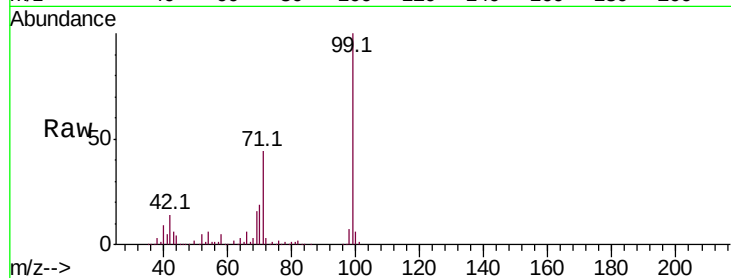
ClientSampleId :

P026-SS016-0612-01

Tot Ion:	99	Resp:	625006
Ion Ratio	Lower	Upper	
99	100		
42	13.8	14.2	21.2#
71	43.5	40.3	60.5

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#21

Naphthalene-d8

Concen: 20.000 ng

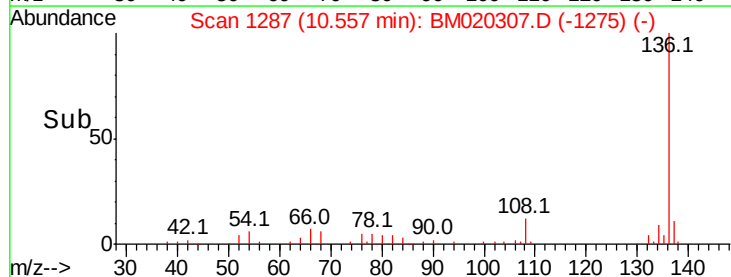
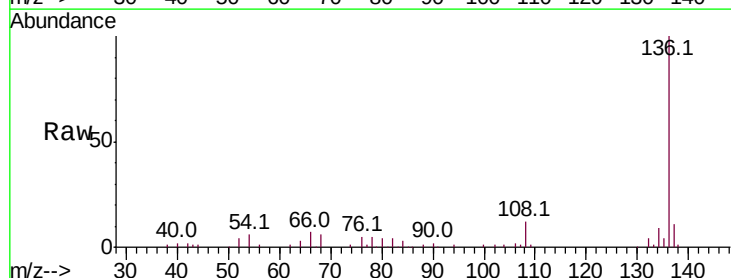
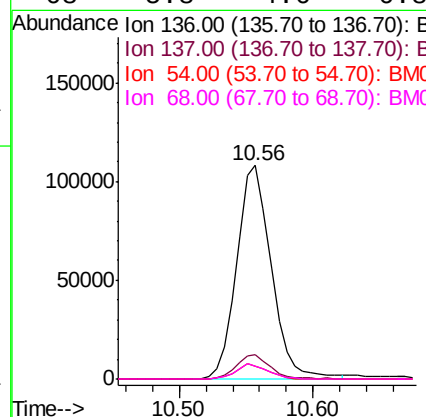
RT: 10.56 min Scan# 1287

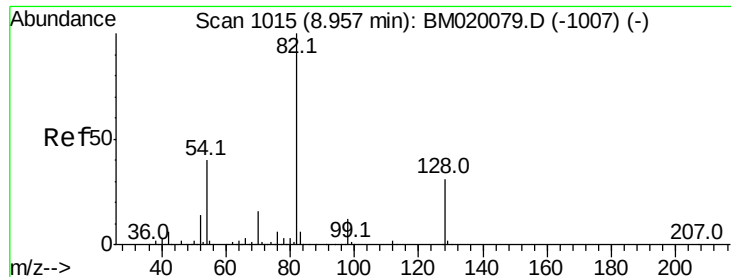
Delta R.T. -0.03 min

Lab File: BM020307.D

Acq: 12 May 2019 20:18

Tgt Ion:	136	Resp:	194758
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.6	14.4
54	6.1	5.5	8.3
68	5.8	4.6	6.8





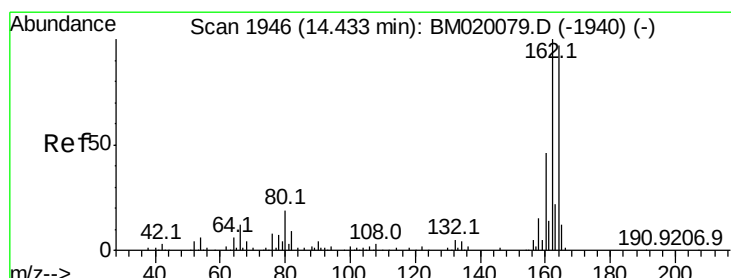
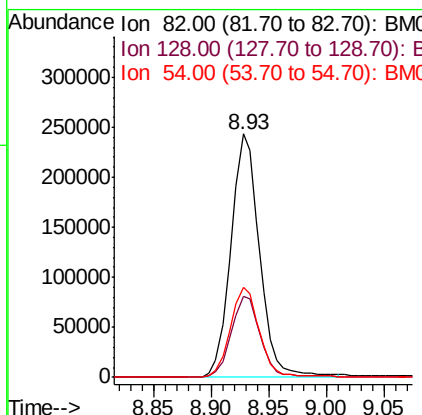
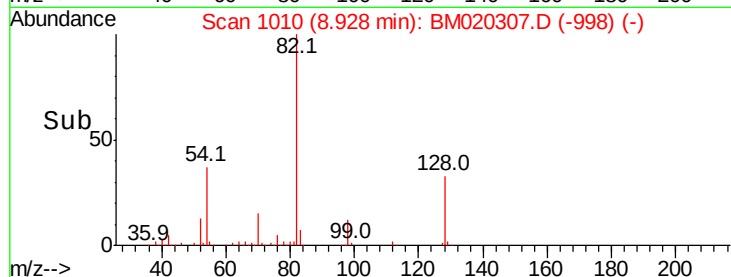
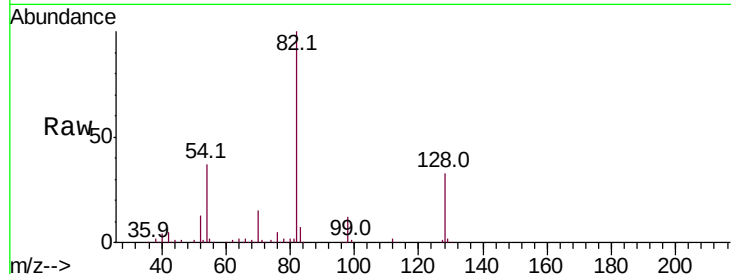
#23
Nitrobenzene-d5
Concen: 85.174 ng
RT: 8.93 min Scan# 1010
Delta R.T. -0.03 min
Lab File: BM020307.D
Acq: 12 May 2019 20:18

Instrument :
BNA_M
ClientSampleId :
P026-SS016-0612-01

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.1	25.2	37.8
54	36.8	31.9	47.9

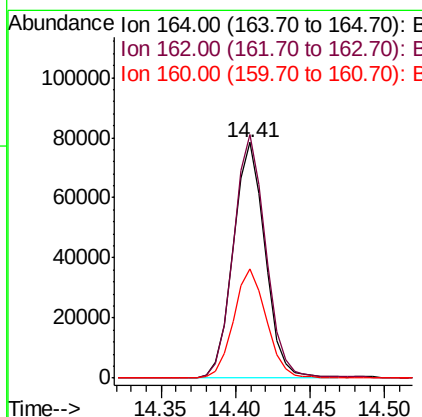
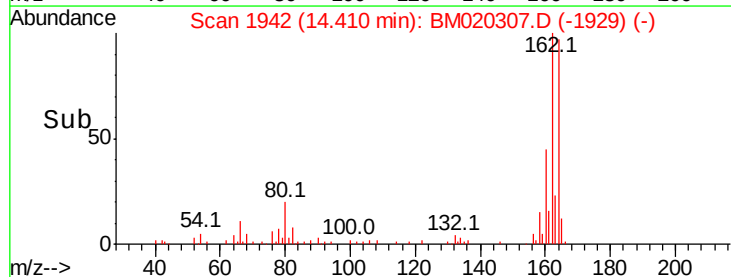
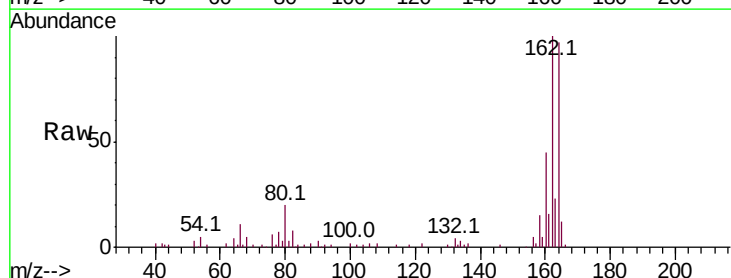
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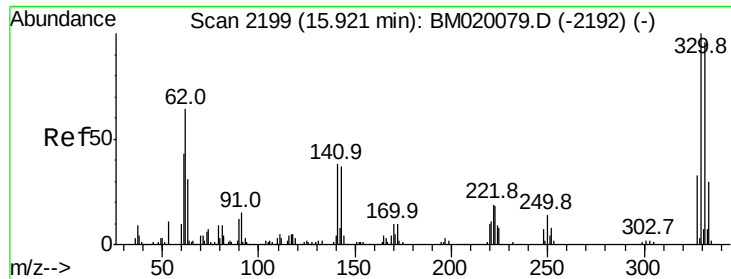
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BM020307.D
Acq: 12 May 2019 20:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.2	123.2
160	46.4	37.6	56.4





#42

2,4,6-Tribromophenol

Concen: 120.418 ng

RT: 15.90 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BM020307.D

Acq: 12 May 2019 20:18

Instrument :

BNA_M

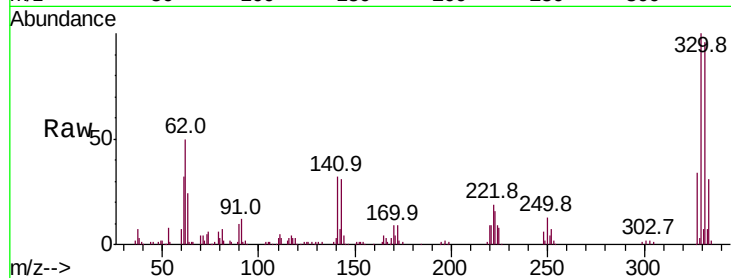
ClientSampleId :

P026-SS016-0612-01

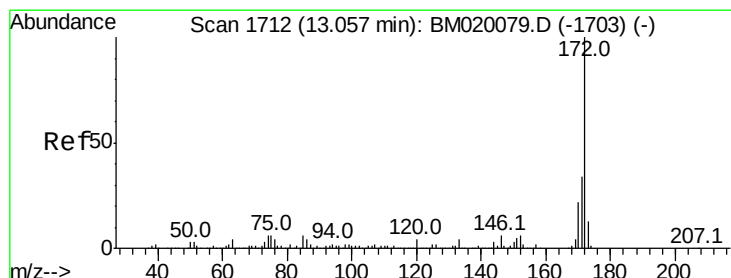
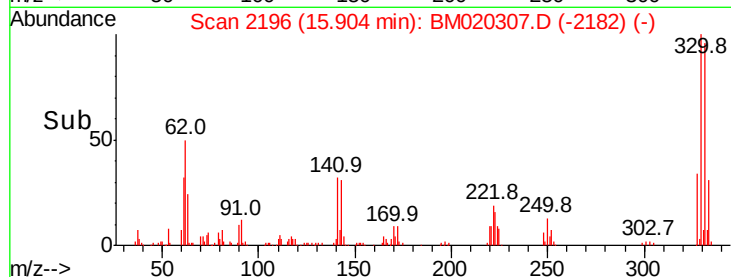
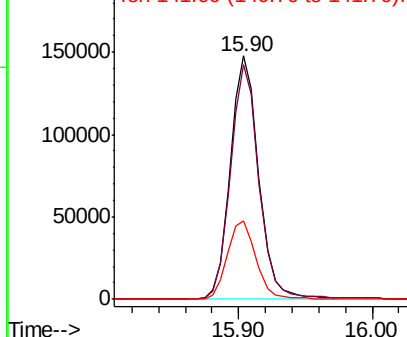
Tot Ion:	330	Resp:	219765
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.8	115.2
141	33.1	29.2	43.8

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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: 62.587 ng

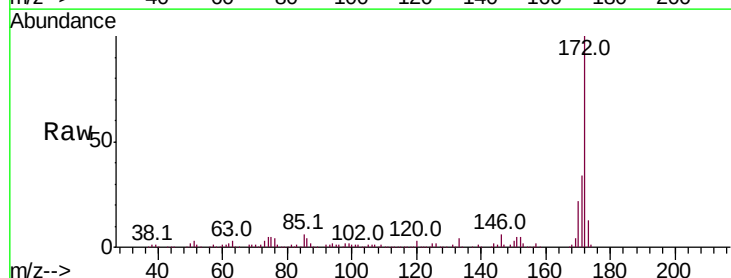
RT: 13.03 min Scan# 1707

Delta R.T. -0.03 min

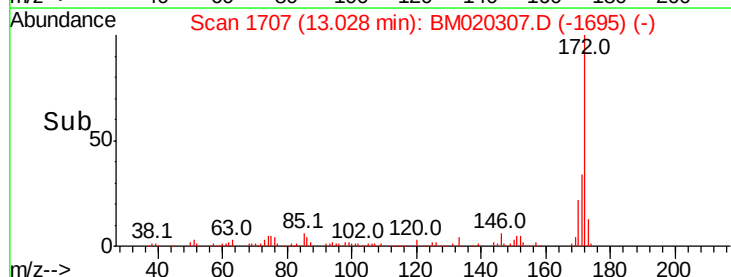
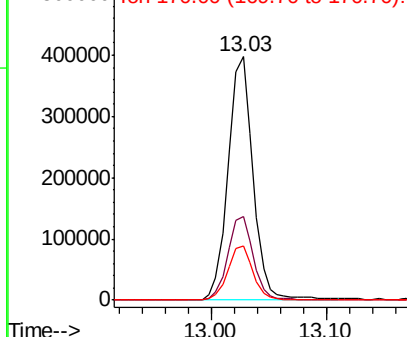
Lab File: BM020307.D

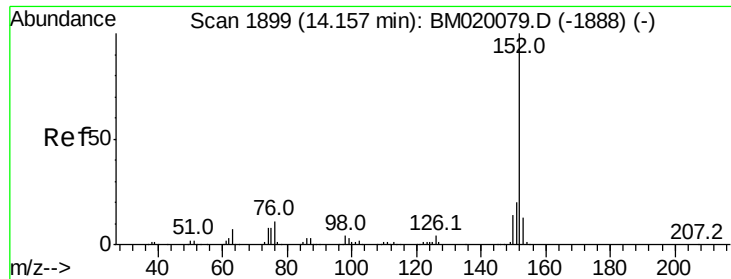
Acq: 12 May 2019 20:18

Tgt Ion:	172	Resp:	598095
Ion Ratio	Lower	Upper	
172	100		
171	34.4	27.3	40.9
170	22.2	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





#49

Acenaphthylene

Concen: 2.580 ng

RT: 14.13 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BM020307.D

Acq: 12 May 2019 20:18

Instrument :

BNA_M

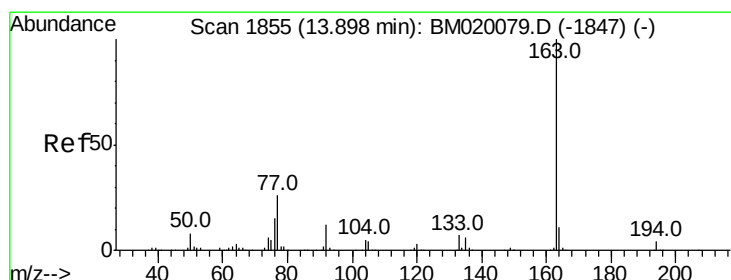
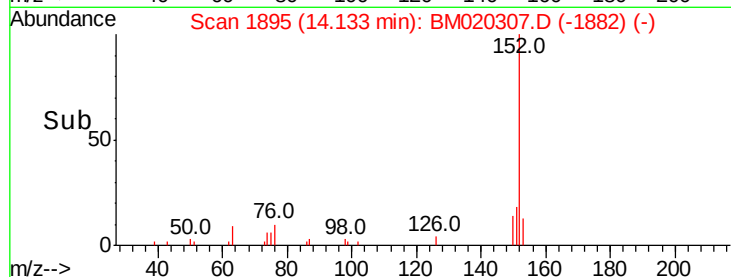
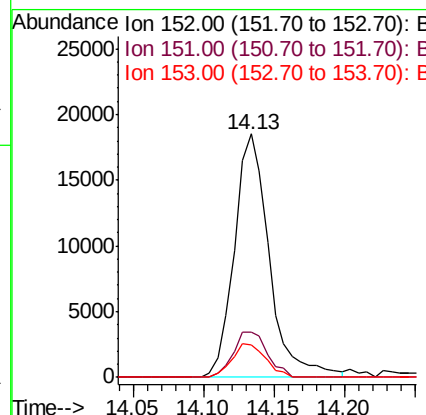
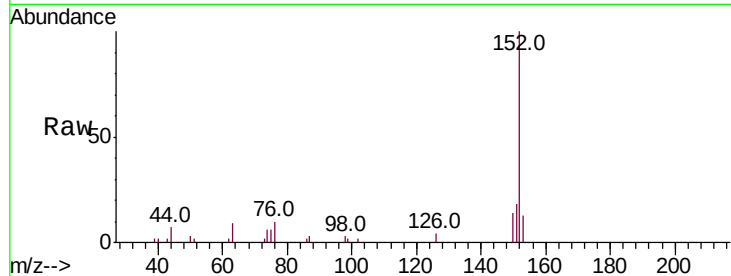
ClientSampleId :

P026-SS016-0612-01

Tot Ion:	152	Resp:	31903
Ion Ratio	Lower	Upper	
152	100		
151	18.4	16.2	24.2
153	13.4	10.6	16.0

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#50

Dimethylphthalate

Concen: 15.211 ng

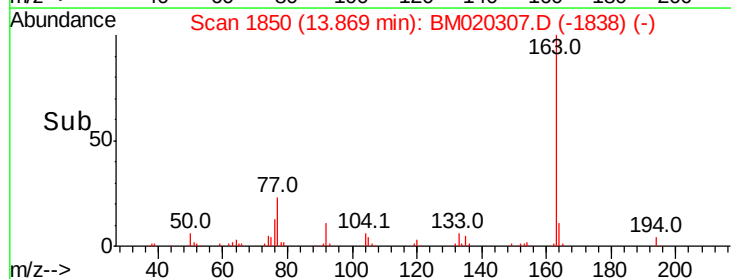
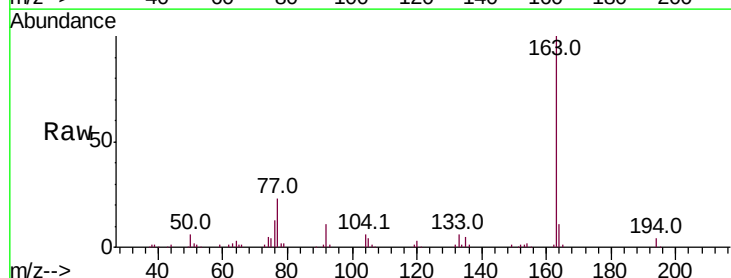
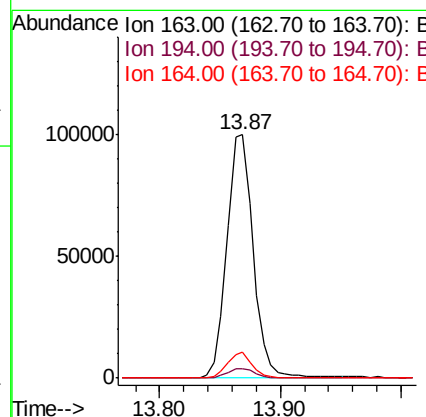
RT: 13.87 min Scan# 1850

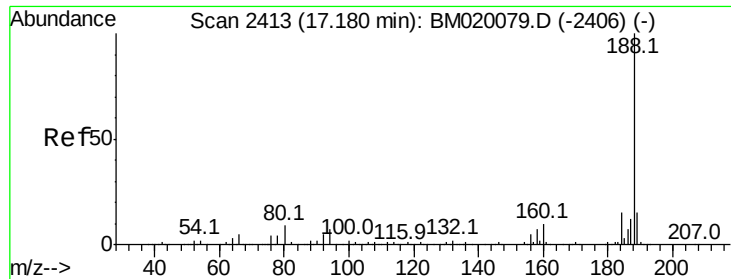
Delta R.T. -0.03 min

Lab File: BM020307.D

Acq: 12 May 2019 20:18

Tgt Ion:	163	Resp:	152006
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.6	5.4
164	10.7	8.4	12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.16 min Scan# 2409

Delta R.T. -0.02 min

Lab File: BM020307.D

Acq: 12 May 2019 20:18

Instrument :

BNA_M

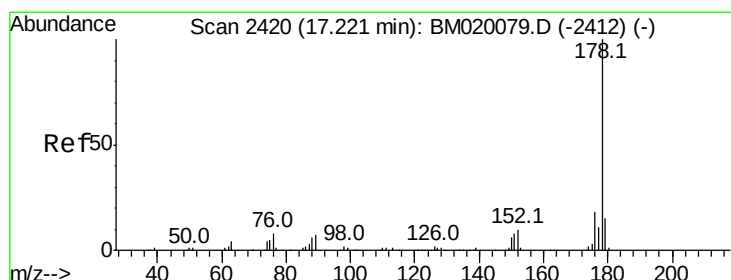
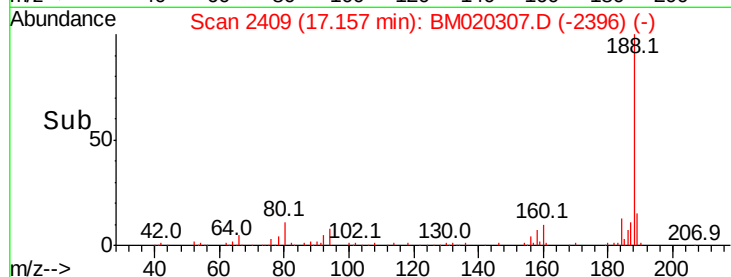
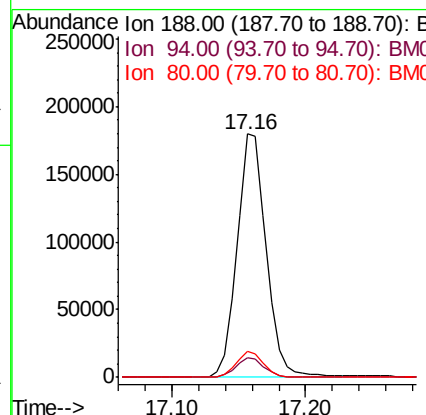
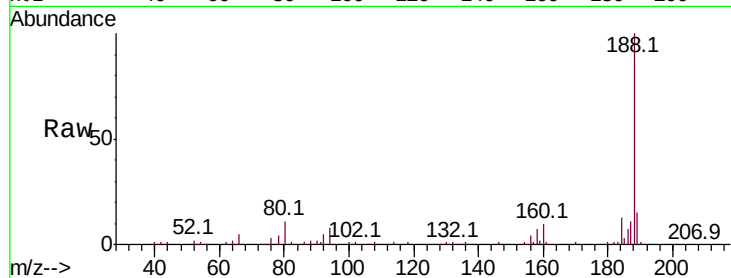
ClientSampleId :

P026-SS016-0612-01

Tot Ion:	188	Resp:	273731
Ion Ratio	Lower	Upper	
188	100		
94	8.0	5.8	8.6
80	10.5	7.4	11.2

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#71

Phenanthrene

Concen: 3.817 ng

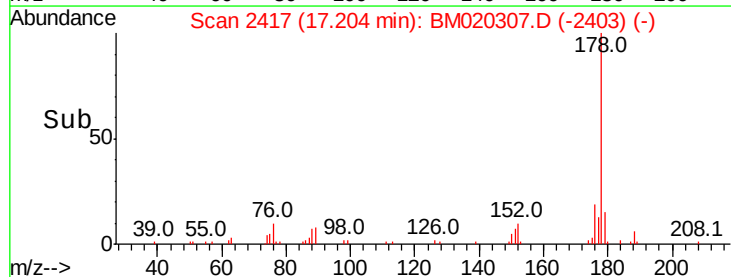
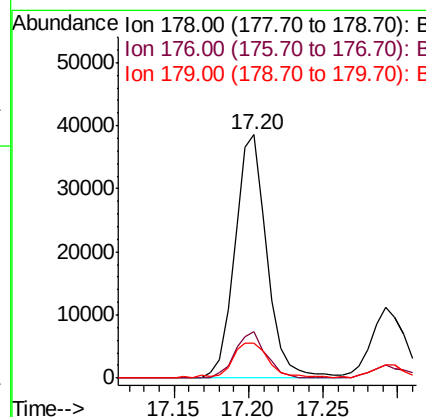
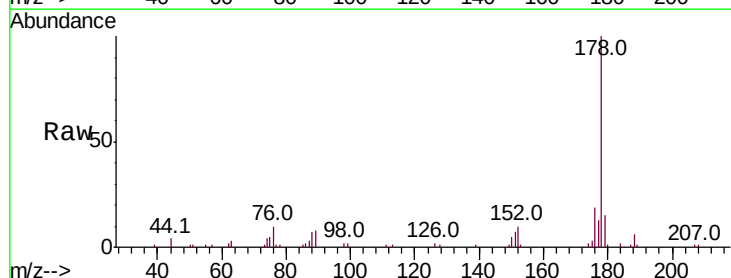
RT: 17.20 min Scan# 2417

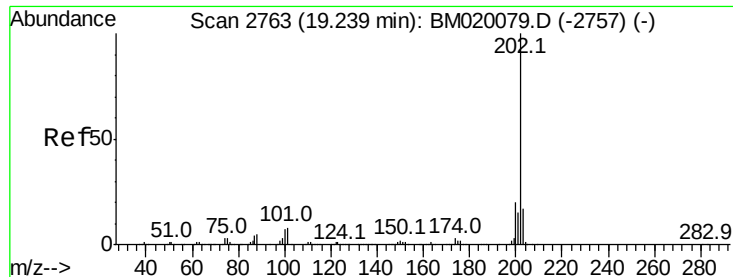
Delta R.T. -0.02 min

Lab File: BM020307.D

Acq: 12 May 2019 20:18

Tgt Ion:	178	Resp:	57676
Ion Ratio	Lower	Upper	
178	100		
176	19.0	14.6	21.8
179	14.6	12.4	18.6





#75

Fluoranthene

Concen: 8.324 ng

RT: 19.22 min Scan# 2760

Delta R.T. -0.02 min

Lab File: BM020307.D

Acq: 12 May 2019 20:18

Instrument :

BNA_M

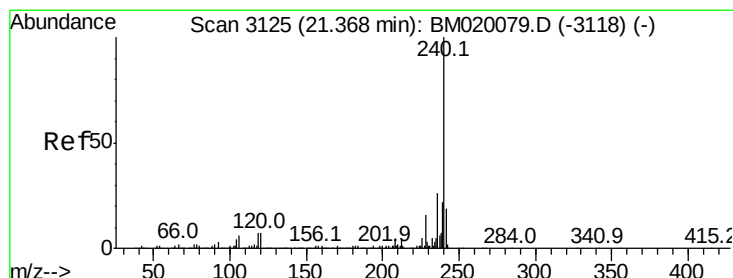
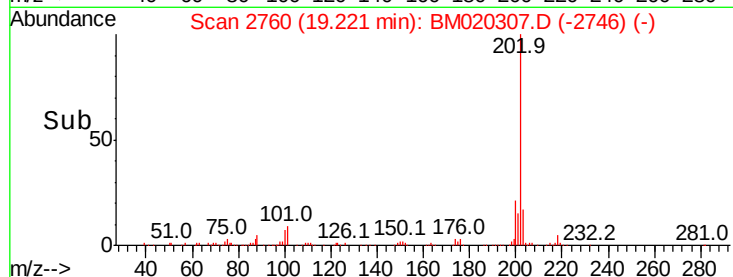
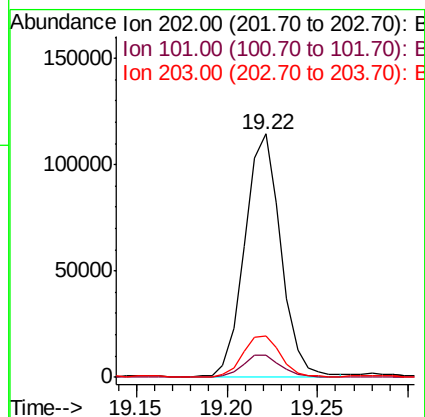
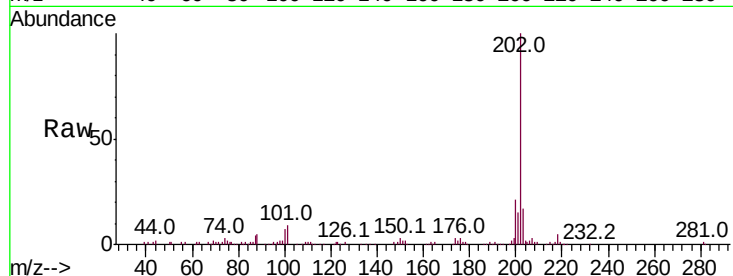
ClientSampleId :

P026-SS016-0612-01

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.3	0.0	28.4
203	17.3	0.0	37.4

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#76

Chrysene-d12

Concen: 20.000 ng

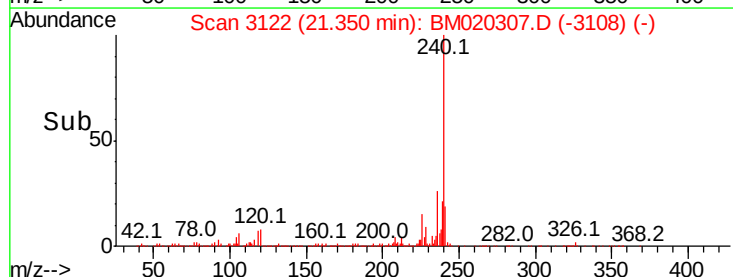
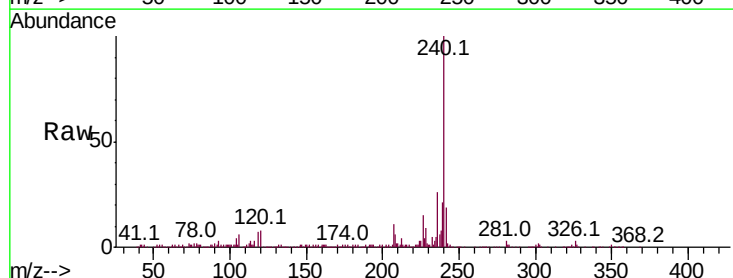
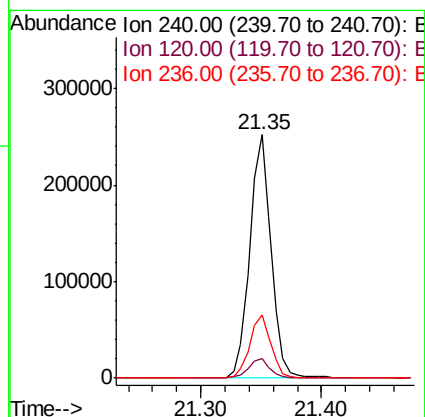
RT: 21.35 min Scan# 3122

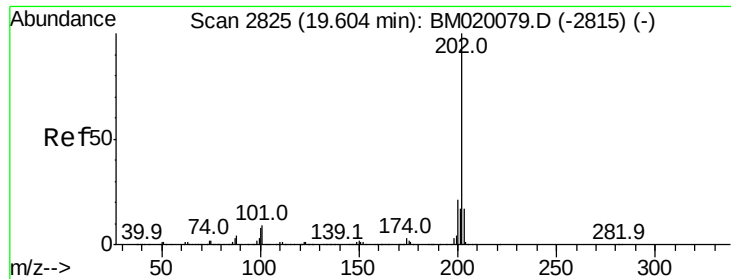
Delta R.T. -0.02 min

Lab File: BM020307.D

Acq: 12 May 2019 20:18

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.8	5.6	8.4
236	25.8	20.9	31.3





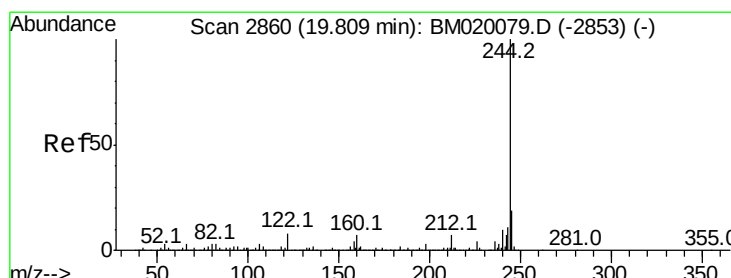
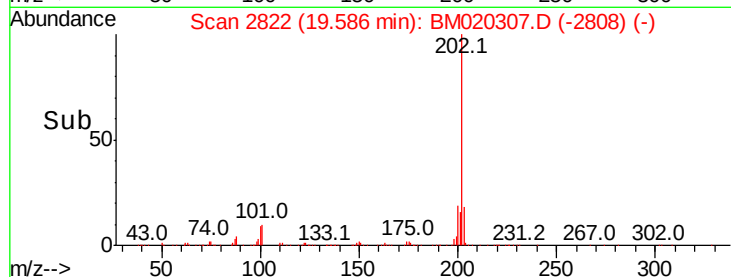
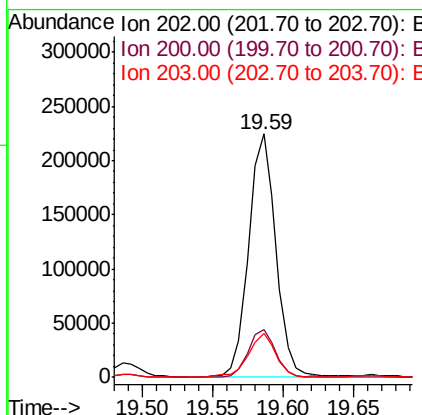
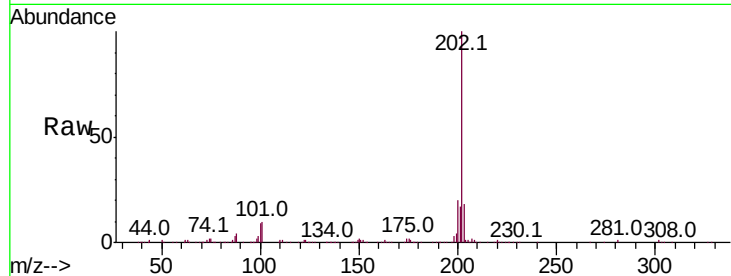
#78
Pvrene
Concen: 14.349 ng
RT: 19.59 min Scan# 2822
Delta R.T. -0.02 min
Lab File: BM020307.D
Acq: 12 May 2019 20:18

Instrument :
BNA_M
ClientSampleId :
P026-SS016-0612-01

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.5	16.5	24.7
203	17.9	13.9	20.9

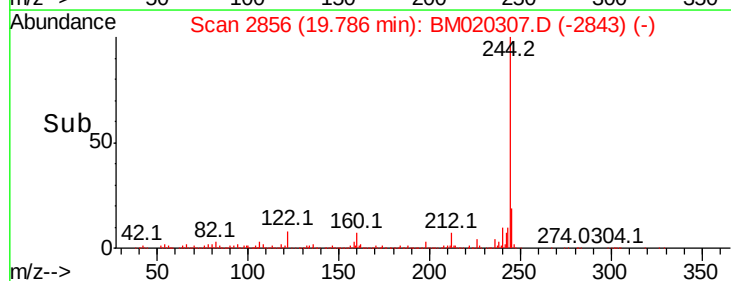
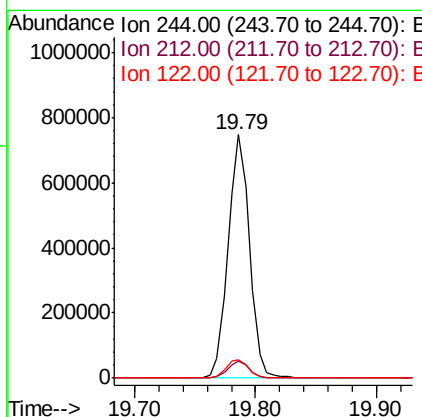
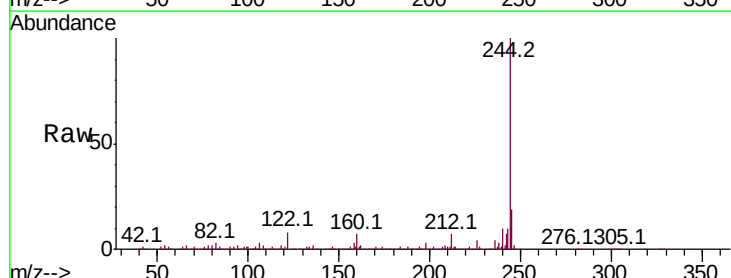
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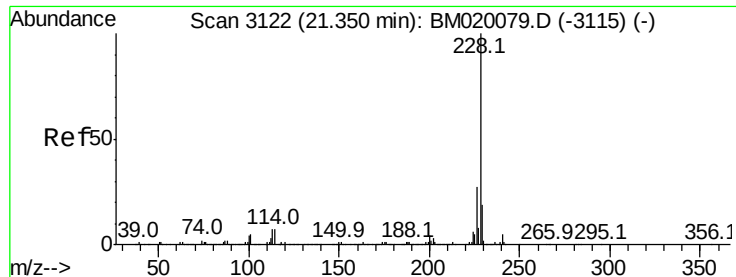
Sohil
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#79
Terphenyl-d14
Concen: 51.343 ng
RT: 19.79 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BM020307.D
Acq: 12 May 2019 20:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	7.5	6.2	9.2





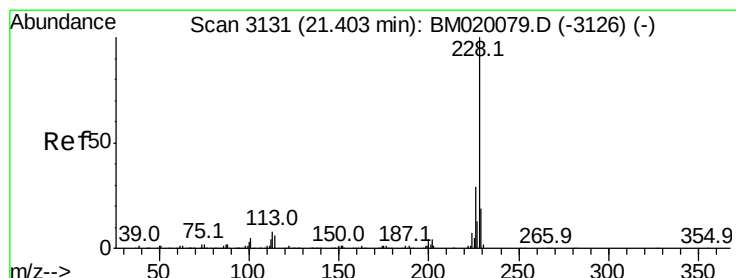
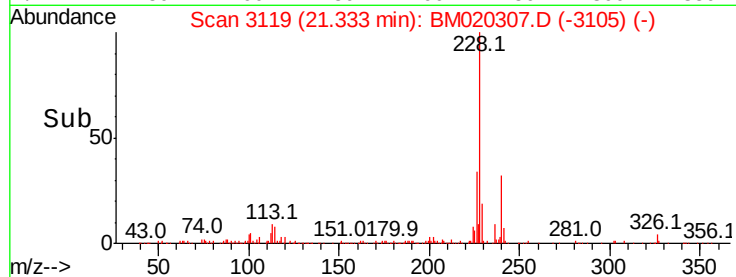
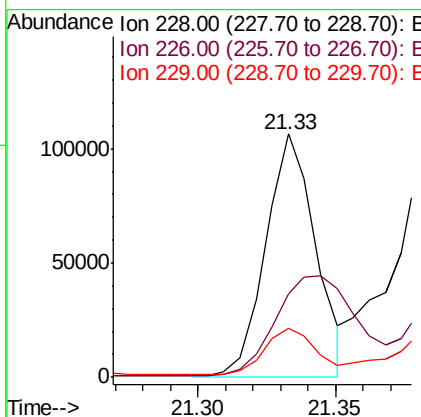
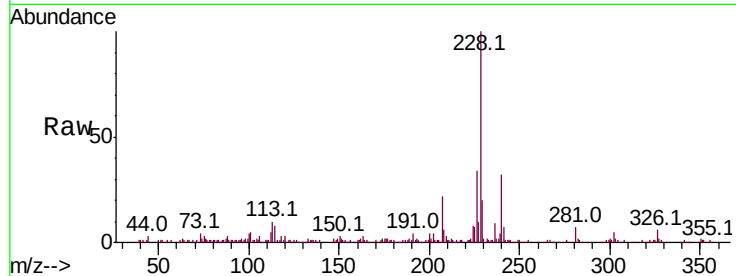
#81
Benzo(a)anthracene
Concen: 6.163 ng m
RT: 21.33 min Scan# 3119
Delta R.T. -0.02 min
Lab File: BM020307.D
Acq: 12 May 2019 20:18

Instrument :
BNA_M
ClientSampleId :
P026-SS016-0612-01

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.1	21.3	31.9#
229	20.1	15.5	23.3

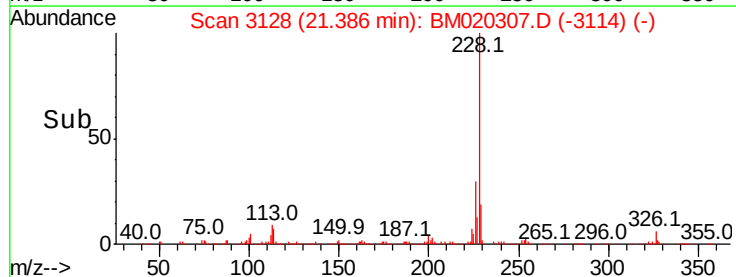
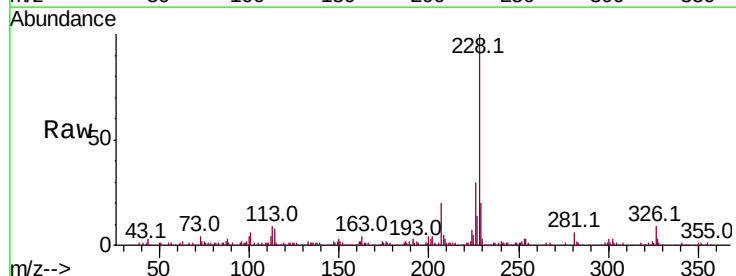
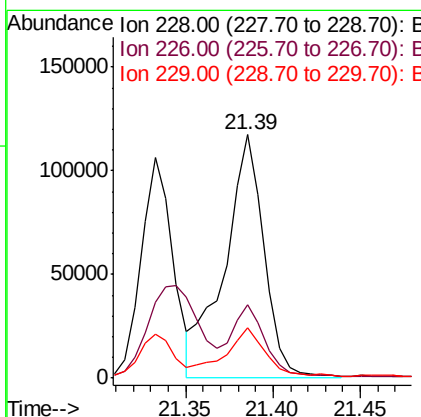
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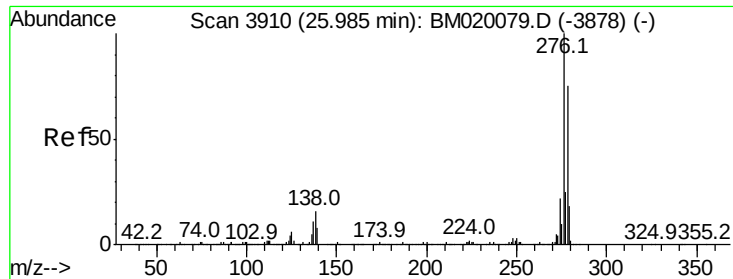
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#83
Chrysene
Concen: 8.626 ng m
RT: 21.39 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BM020307.D
Acq: 12 May 2019 20:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.0	34.6
229	20.5	15.5	23.3





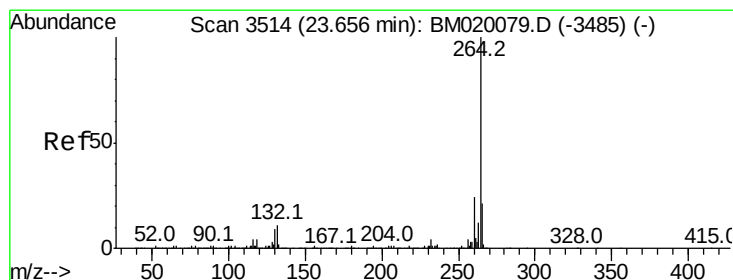
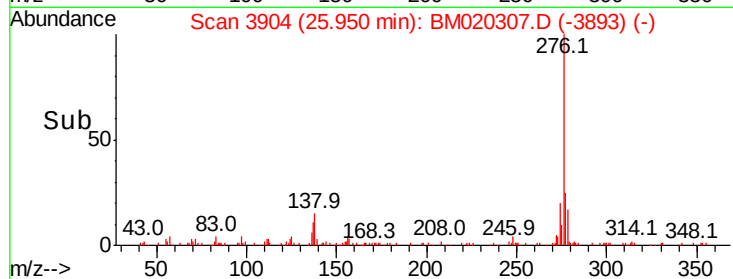
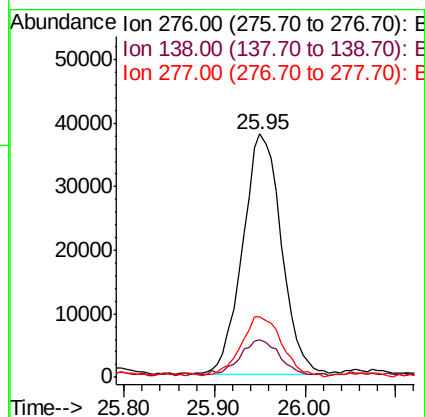
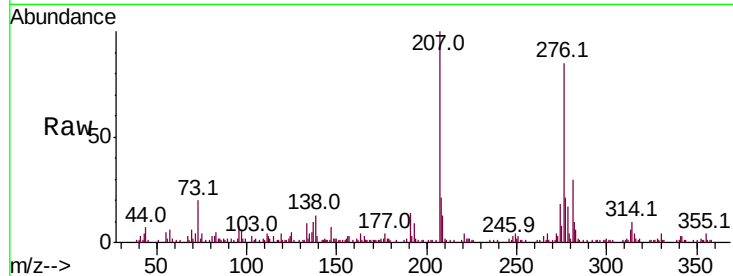
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.464 ng
RT: 25.95 min Scan# 3904
Delta R.T. -0.04 min
Lab File: BM020307.D
Acq: 12 May 2019 20:18

Instrument :
BNA_M
ClientSampleId :
P026-SS016-0612-01

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	14.6	0.0	0.0#
277	27.1	0.0	0.0#

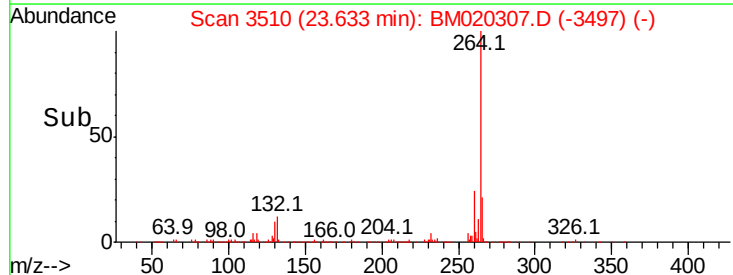
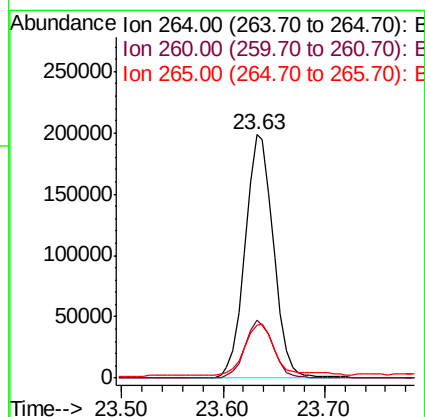
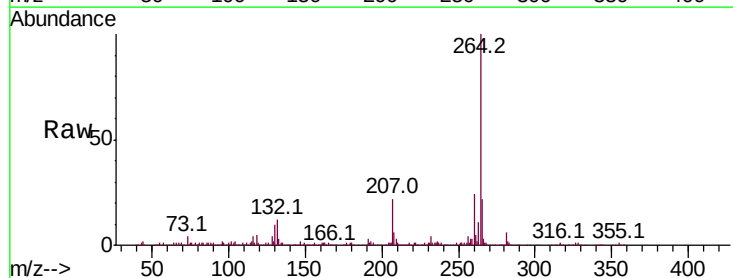
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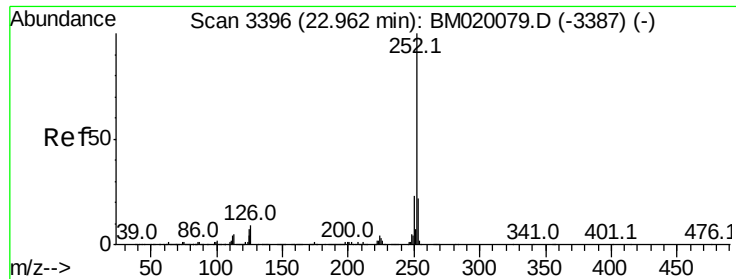
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#87
Perylene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3510
Delta R.T. -0.02 min
Lab File: BM020307.D
Acq: 12 May 2019 20:18

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	16.9	25.3





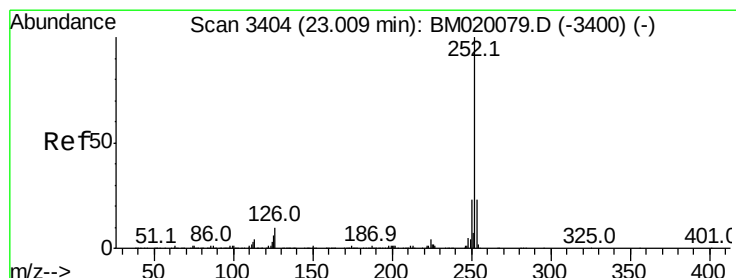
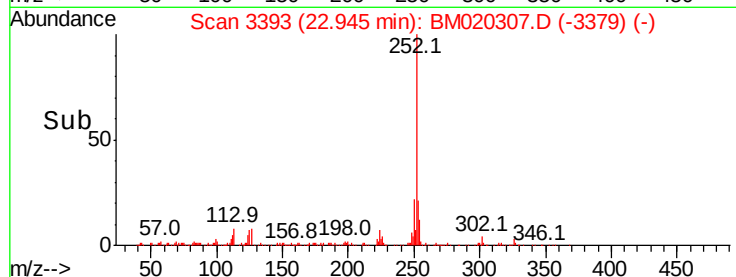
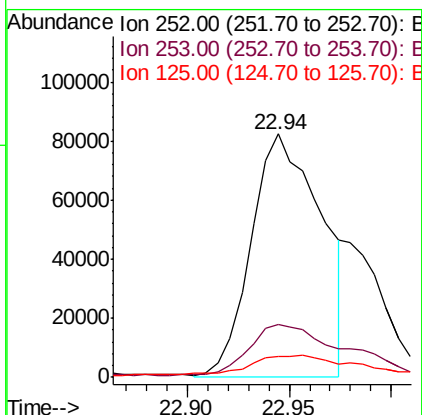
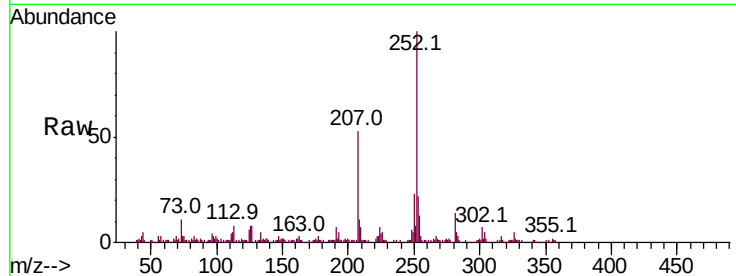
#88
Benzo(b)fluoranthene
Concen: 7.738 ng m
RT: 22.94 min Scan# 3393
Delta R.T. -0.02 min
Lab File: BM020307.D
Acq: 12 May 2019 20:18

Instrument :
BNA_M
ClientSampleId :
P026-SS016-0612-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	8.4	5.4	8.2

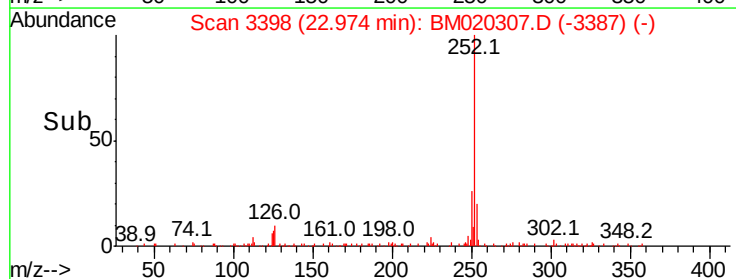
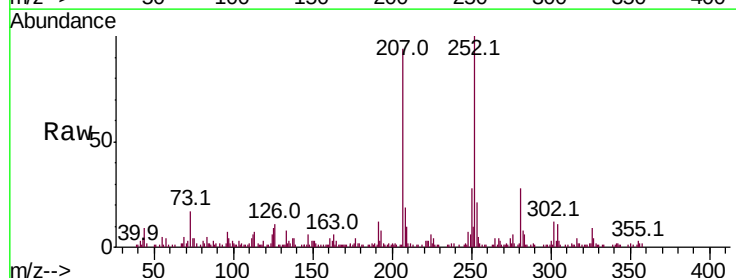
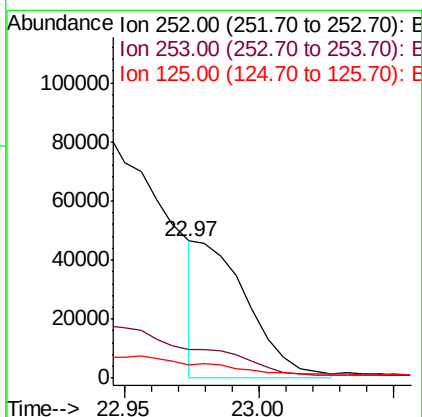
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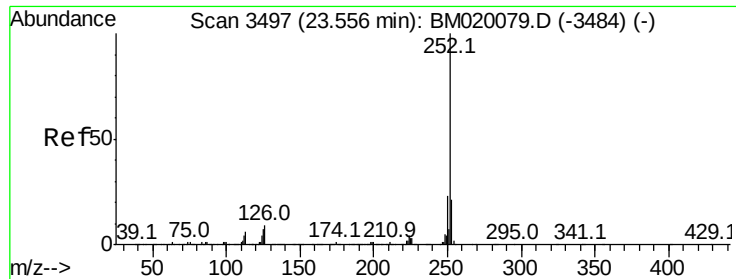
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#89
Benzo(k)fluoranthene
Concen: 2.615 ng m
RT: 22.97 min Scan# 3398
Delta R.T. -0.04 min
Lab File: BM020307.D
Acq: 12 May 2019 20:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.8	26.8
125	9.4	5.4	8.0





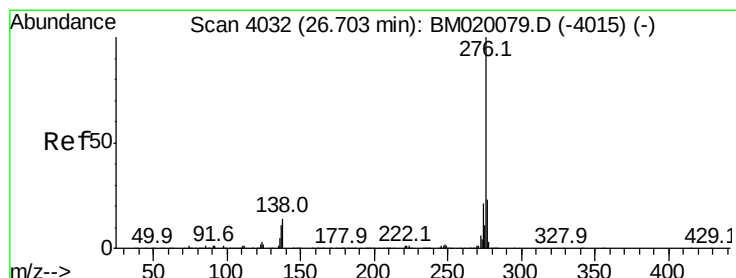
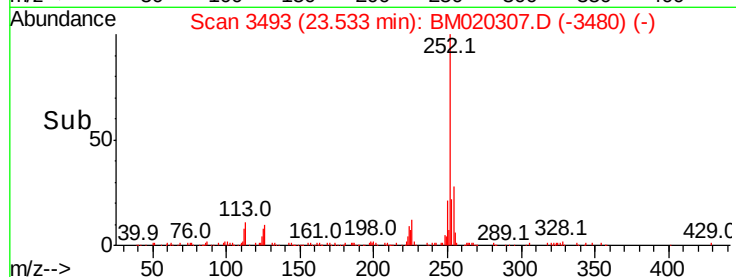
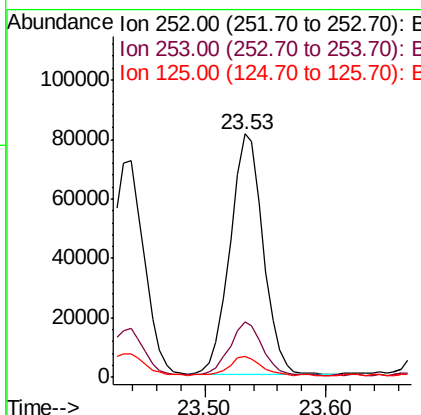
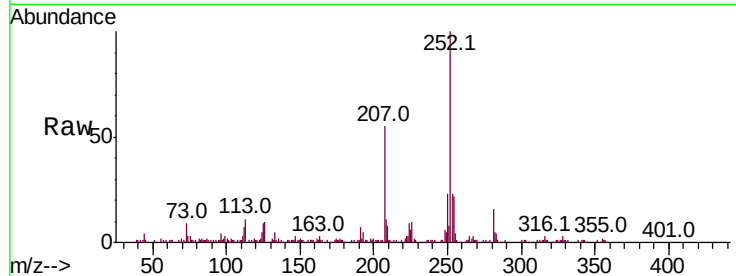
#90
Benzo(a)pyrene
Concen: 6.730 ng
RT: 23.53 min Scan# 3493
Delta R.T. -0.02 min
Lab File: BM020307.D
Acq: 12 May 2019 20:18

Instrument :
BNA_M
ClientSampleId :
P026-SS016-0612-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	8.7	5.5	8.3#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 5.770 ng
RT: 26.67 min Scan# 4026
Delta R.T. -0.04 min
Lab File: BM020307.D
Acq: 12 May 2019 20:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.4	27.6
138	16.4	11.1	16.7

