

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051219\
 Data File : BM020297.D
 Acq On : 12 May 2019 14:20
 Operator : JU/SJ
 Sample : K2766-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P026-SS007-1824-01

Manual Integrations
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Quant Time: May 13 06:53:25 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	55888	20.00	ng	-0.03
21) Naphthalene-d8	10.56	136	190882	20.00	ng	-0.03
39) Acenaphthene-d10	14.41	164	116929	20.00	ng	-0.02
64) Phenanthrene-d10	17.16	188	299819	20.00	ng	-0.02
76) Chrysene-d12	21.34	240	340393	20.00	ng	-0.02
87) Perylene-d12	23.63	264	405955	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	405503	118.60	ng	-0.02
7) Phenol-d6	6.93	99	532207	113.94	ng	-0.02
23) Nitrobenzene-d5	8.93	82	357001	73.84	ng	-0.03
42) 2,4,6-Tribromophenol	15.90	330	230675	127.10	ng	-0.02
45) 2-Fluorobiphenyl	13.03	172	710737	74.79	ng	-0.03
79) Terphenyl-d14	19.79	244	1372480	70.33	ng	-0.02
Target Compounds						
49) Acenaphthylene	14.13	152	40979	3.332	ng	Qvalue 97
50) Dimethylphthalate	13.87	163	58706	5.907	ng	97
71) Phenanthrene	17.20	178	141925	8.575	ng	98
75) Fluoranthene	19.22	202	271935	12.986	ng	99
78) Pyrene	19.59	202	531211	23.244	ng	100
81) Benzo(a)anthracene	21.33	228	203773m	8.536	ng	
83) Chrysene	21.39	228	256257m	11.069	ng	
86) Indeno(1,2,3-cd)pyrene	25.95	276	140467	5.101	ng	# 100
88) Benzo(b)fluoranthene	22.94	252	264971m	9.884	ng	
89) Benzo(k)fluoranthene	22.97	252	74103m	3.030	ng	
90) Benzo(a)pyrene	23.53	252	182804	7.507	ng	97
92) Benzo(a,h,i)perylene	26.66	276	169125	7.035	ng	98

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

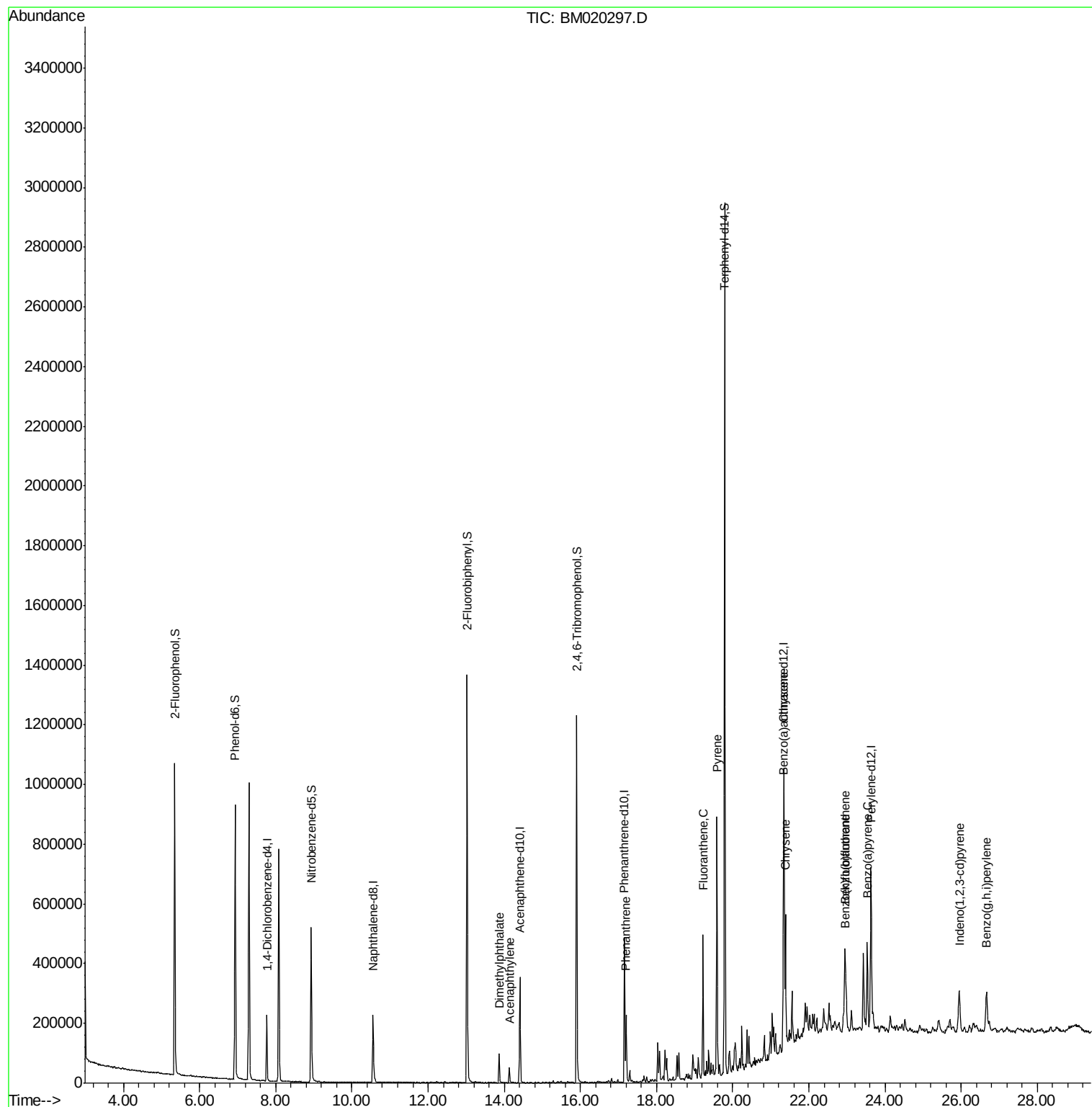
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051219\
Data File : BM020297.D
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ALS Vial : 7 Sample Multiplier: 1

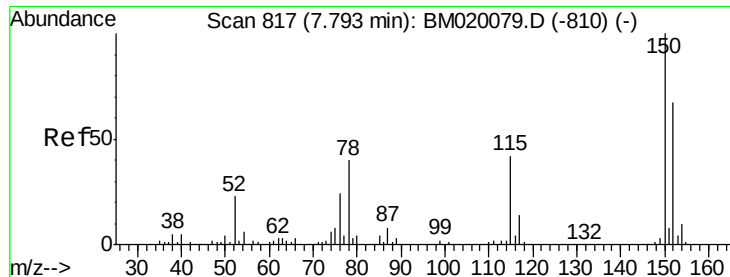
Instrument :
BNA_M
ClientSampleId :
P026-SS007-1824-01

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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

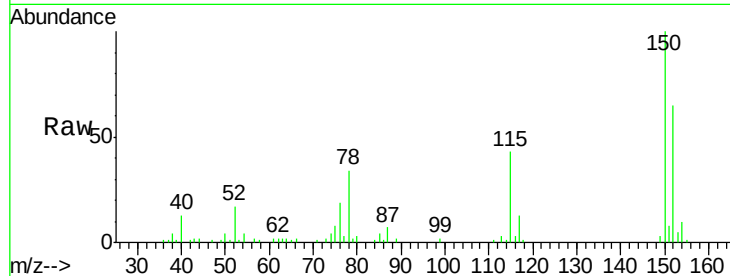
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 812
Delta R.T. -0.03 min
Lab File: BM020297.D
Acq: 12 May 2019 14:20

Instrument :
BNA_M
ClientSampleId :
P026-SS007-1824-01

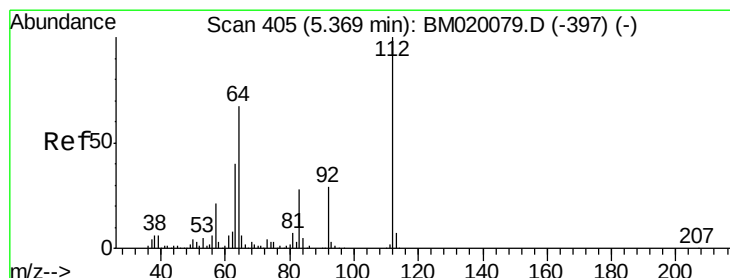
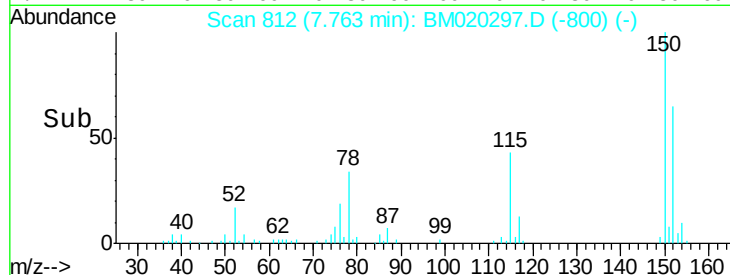
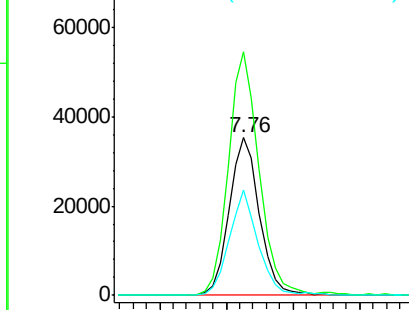
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	119.8	179.8
115	67.0	50.8	76.2

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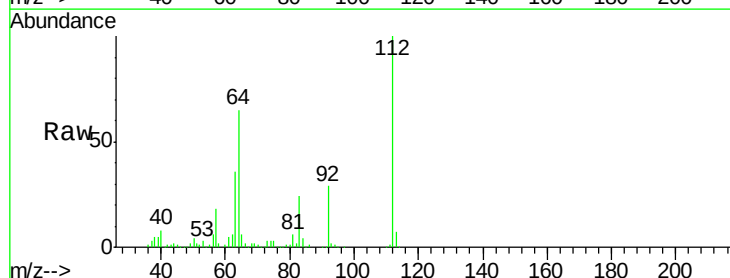
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



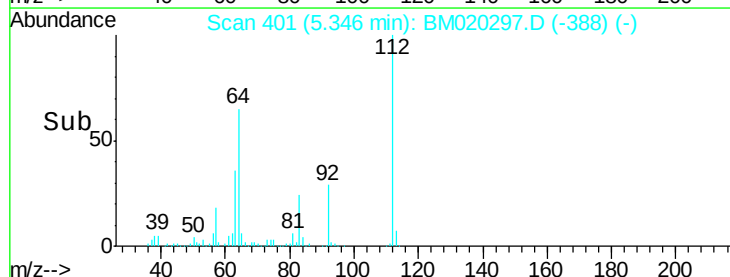
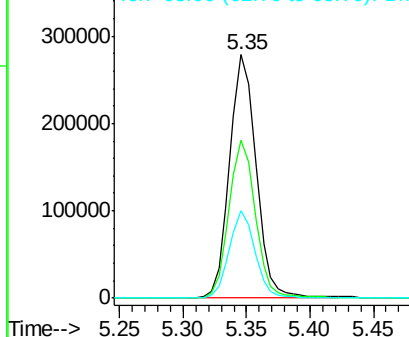
#5

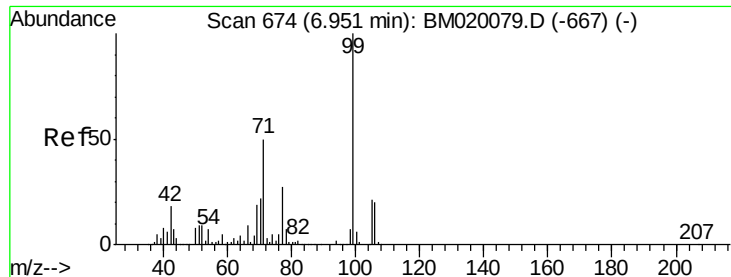
2-Fluorophenol
Concen: 118.600 ng
RT: 5.35 min Scan# 401
Delta R.T. -0.02 min
Lab File: BM020297.D
Acq: 12 May 2019 14:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	53.8	80.6
63	35.8	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: 113.940 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.02 min

Lab File: BM020297.D

Acq: 12 May 2019 14:20

Instrument :

BNA_M

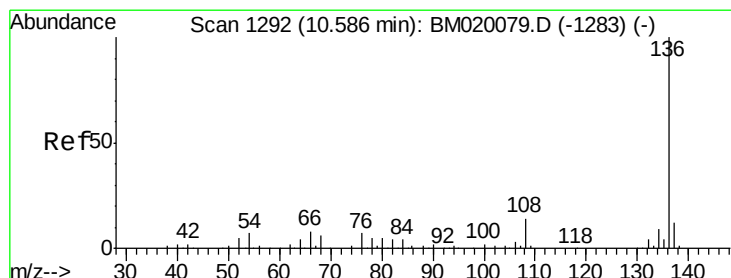
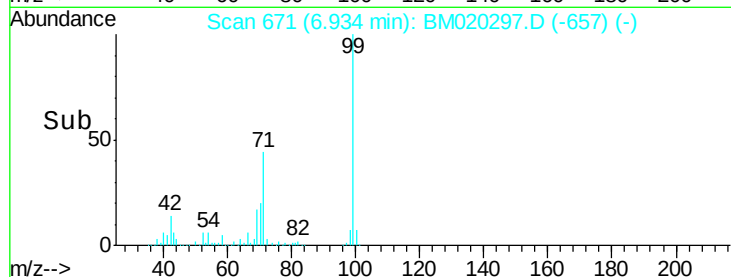
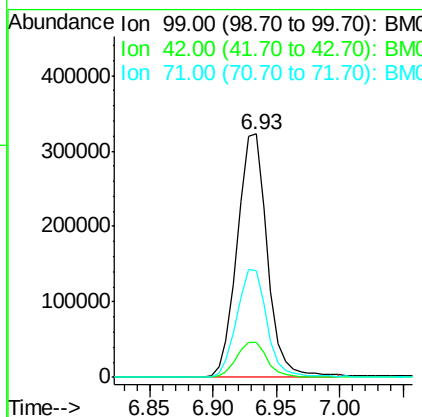
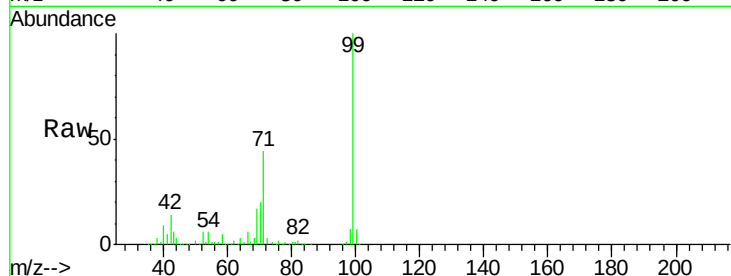
ClientSampleId :

P026-SS007-1824-01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		532207		
42	14.2	14.2	21.2		
71	43.6	40.3	60.5		

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#21

Naphthalene-d8

Concen: 20.000 ng

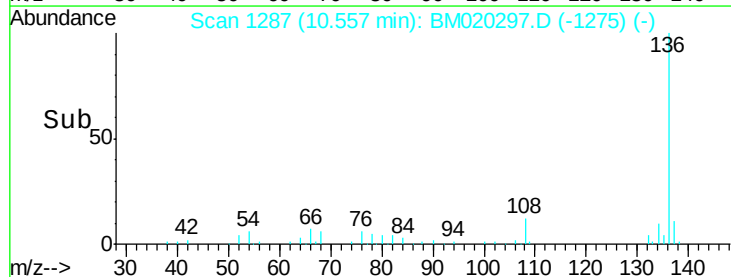
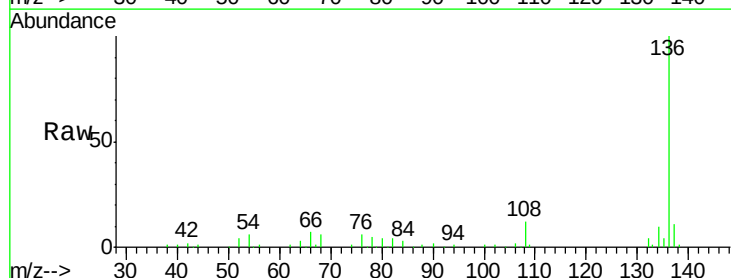
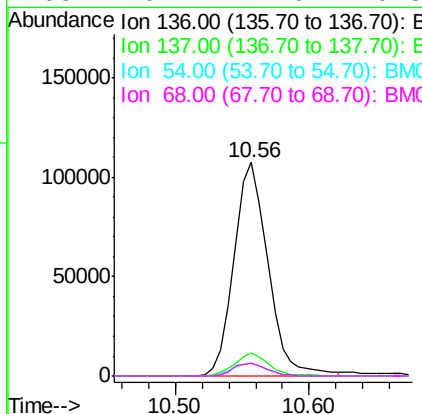
RT: 10.56 min Scan# 1287

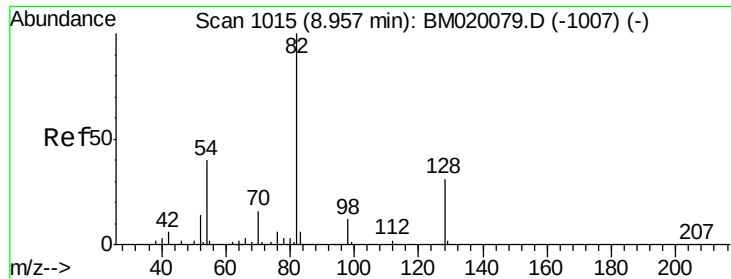
Delta R.T. -0.03 min

Lab File: BM020297.D

Acq: 12 May 2019 14:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		190882		
137	10.6	9.6	14.4		
54	6.0	5.5	8.3		
68	6.2	4.6	6.8		





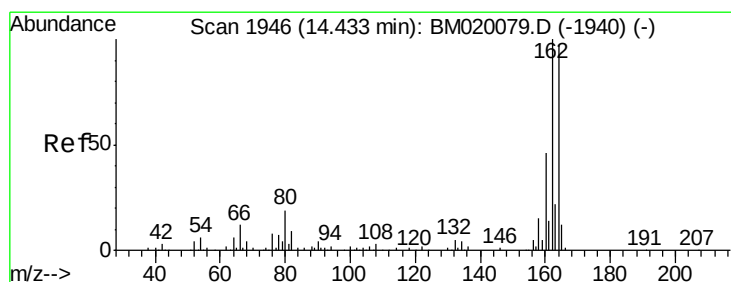
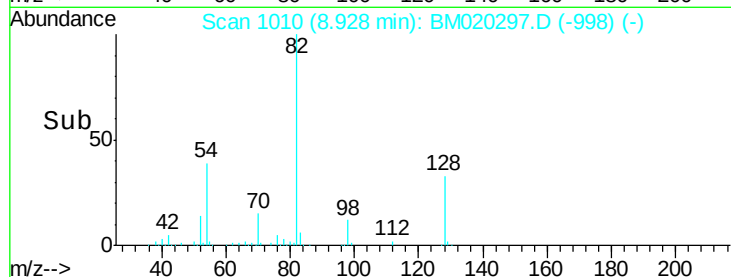
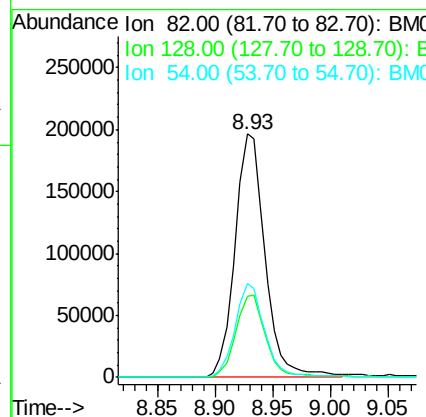
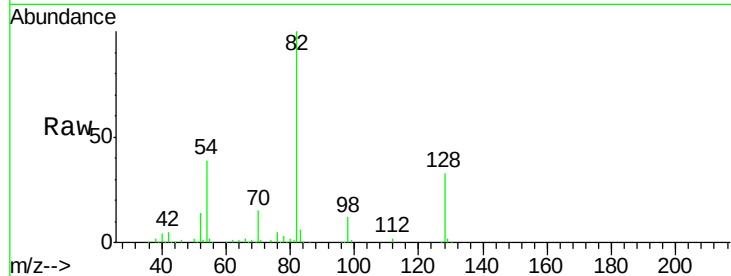
#23
Nitrobenzene-d5
Concen: 73.838 ng
RT: 8.93 min Scan# 1010
Delta R.T. -0.03 min
Lab File: BM020297.D
Acq: 12 May 2019 14:20

Instrument :
BNA_M
ClientSampleId :
P026-SS007-1824-01

Tot Ion	82	Resp	357001
Ion Ratio	Lower	Upper	
82	100		
128	33.1	25.2	37.8
54	38.6	31.9	47.9

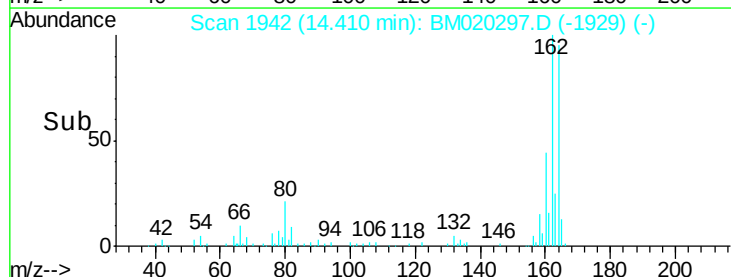
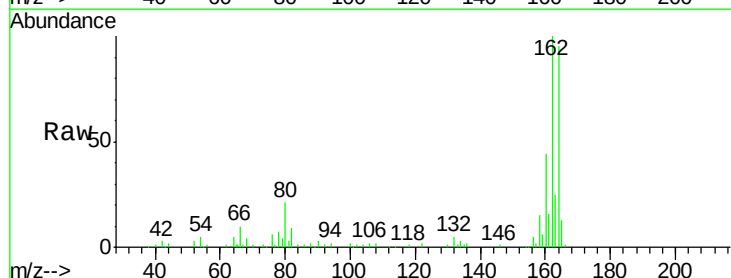
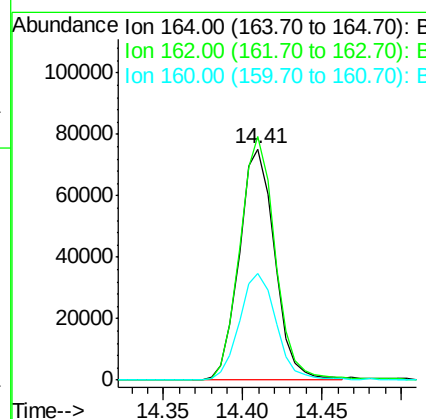
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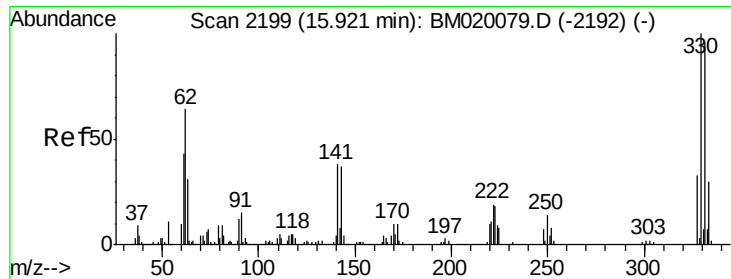
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BM020297.D
Acq: 12 May 2019 14:20

Tgt Ion	164	Resp	116929
Ion Ratio	Lower	Upper	
164	100		
162	105.4	82.2	123.2
160	46.3	37.6	56.4





#42

2,4,6-Tribromophenol

Concen: 127.097 ng

RT: 15.90 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BM020297.D

Acq: 12 May 2019 14:20

Instrument :

BNA_M

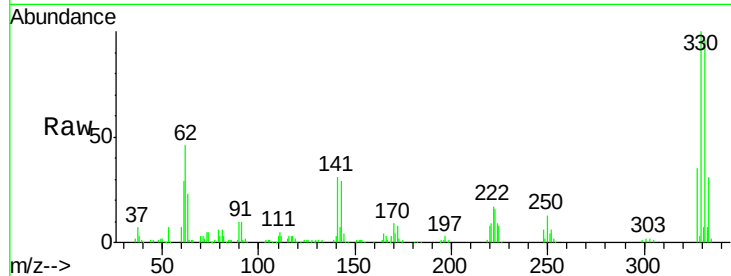
ClientSampleId :

P026-SS007-1824-01

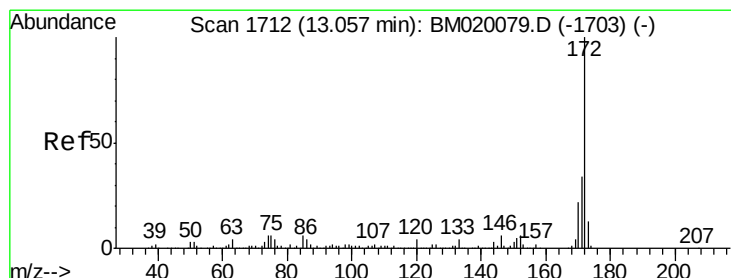
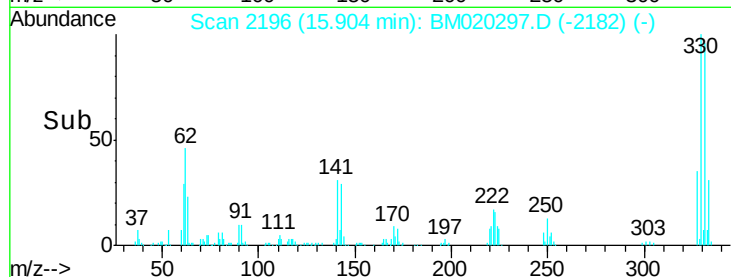
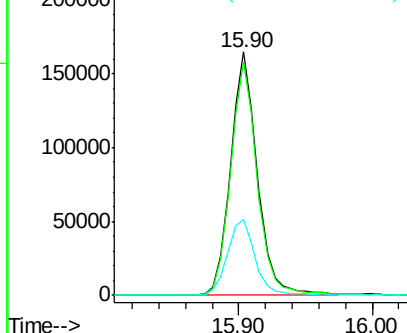
Tot Ion:	330	Resp:	230675
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.8	115.2
141	32.8	29.2	43.8

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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: 74.786 ng

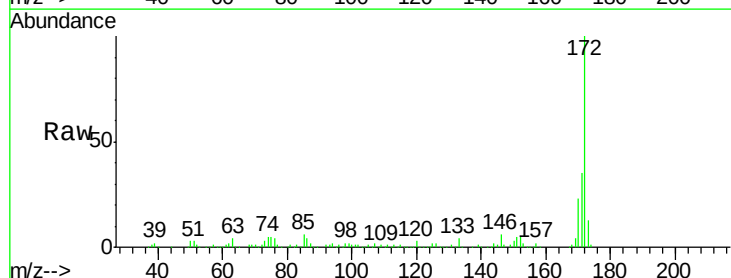
RT: 13.03 min Scan# 1707

Delta R.T. -0.03 min

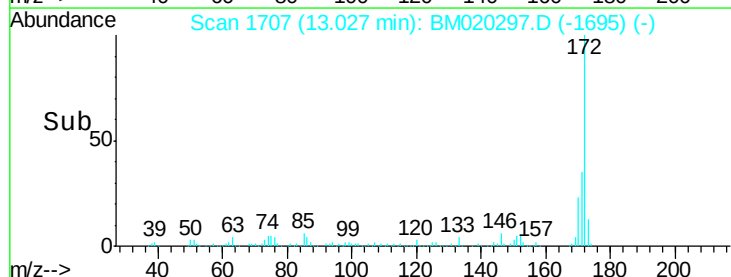
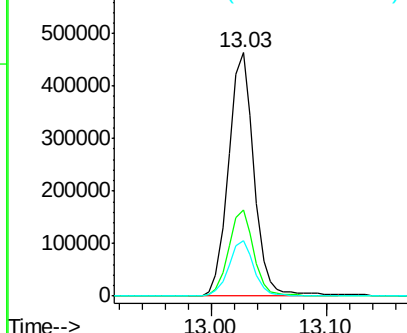
Lab File: BM020297.D

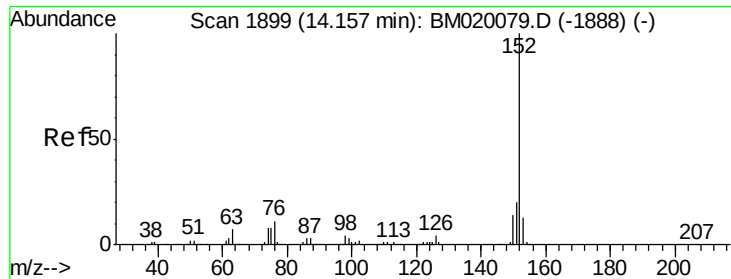
Acq: 12 May 2019 14:20

Tgt Ion:	172	Resp:	710737
Ion Ratio	Lower	Upper	
172	100		
171	35.2	27.3	40.9
170	22.8	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: 3.332 ng

RT: 14.13 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BM020297.D

Acq: 12 May 2019 14:20

Instrument :

BNA_M

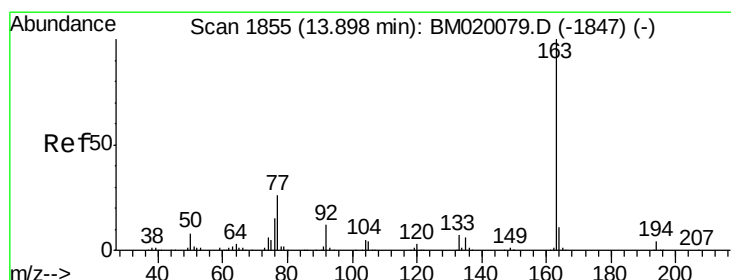
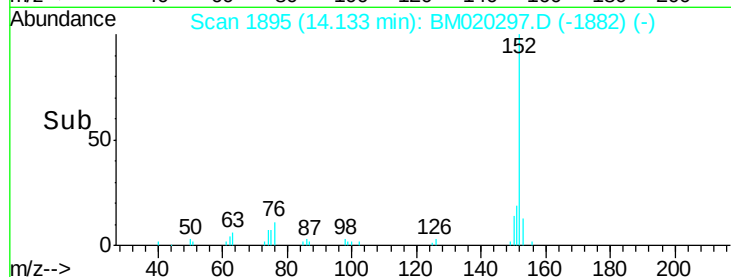
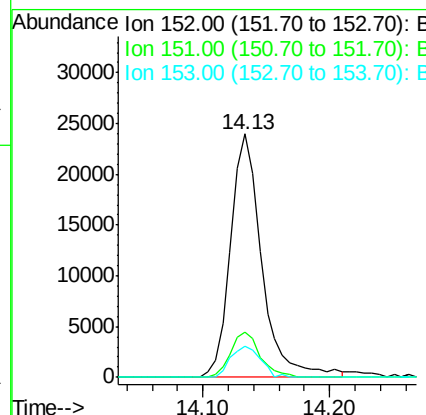
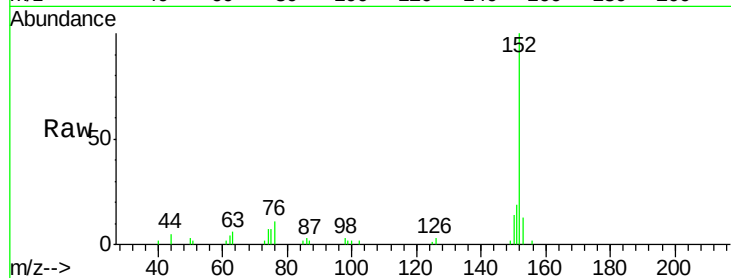
ClientSampleId :

P026-SS007-1824-01

Tot Ion:	152	Resp:	40979
Ion Ratio	Lower	Upper	
152	100		
151	18.6	16.2	24.2
153	12.8	10.6	16.0

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#50

Dimethylphthalate

Concen: 5.907 ng

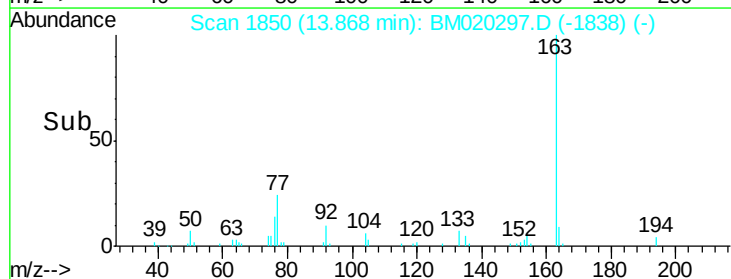
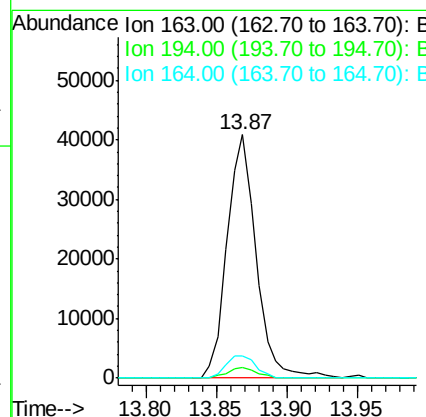
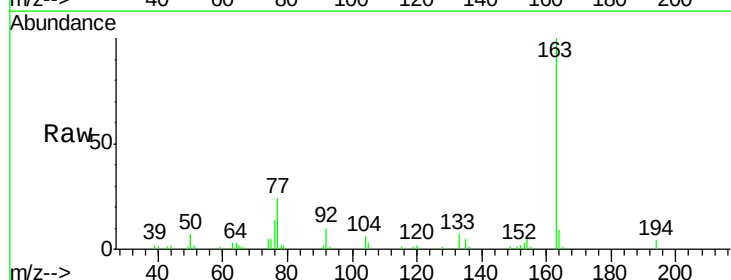
RT: 13.87 min Scan# 1850

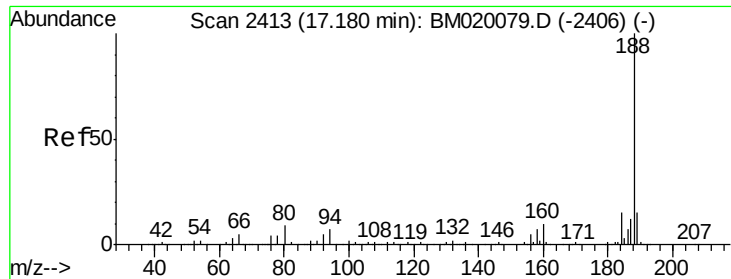
Delta R.T. -0.03 min

Lab File: BM020297.D

Acq: 12 May 2019 14:20

Tgt Ion:	163	Resp:	58706
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.6	5.4
164	9.3	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: BM020297.D

Acq: 12 May 2019 14:20

Instrument :

BNA_M

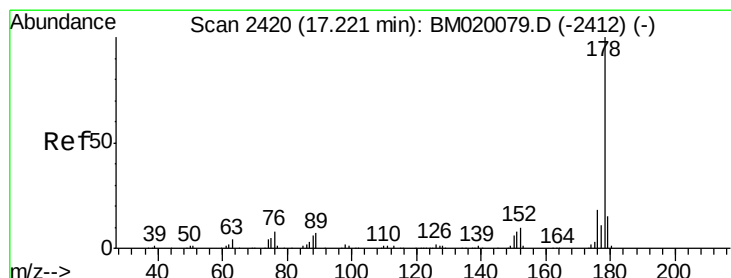
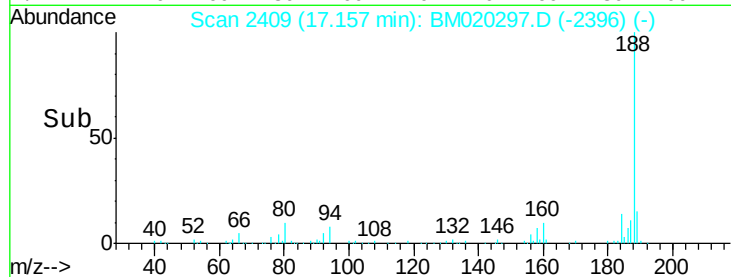
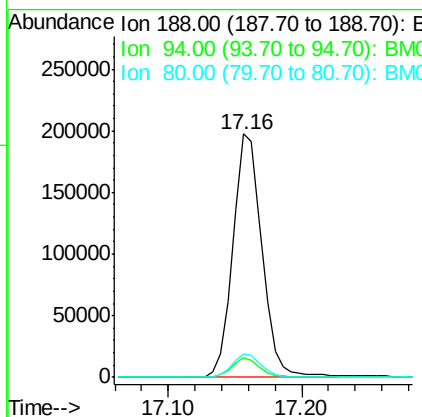
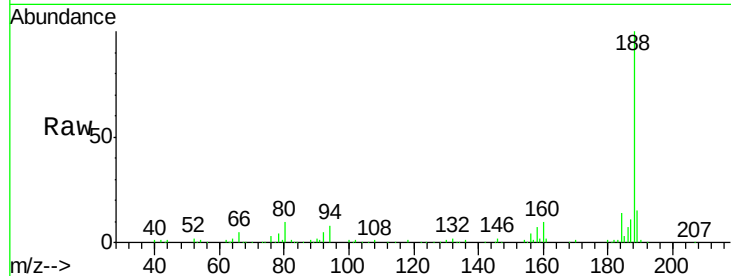
ClientSampleId :

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Tot Ion:	188	Resp:	299819
Ion Ratio	Lower	Upper	
188	100		
94	7.9	5.8	8.6
80	9.6	7.4	11.2

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#71

Phenanthrene

Concen: 8.575 ng

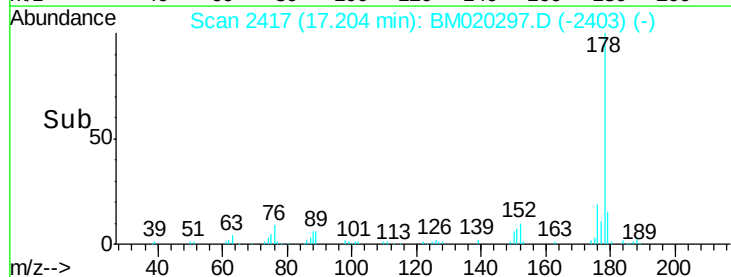
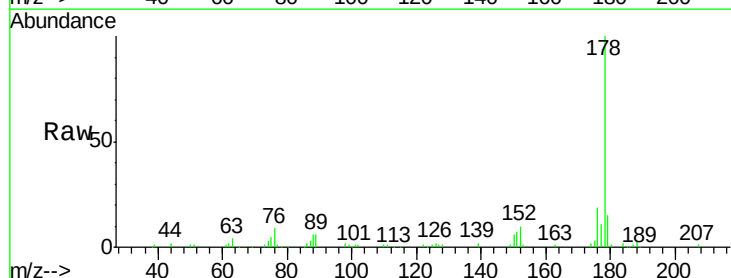
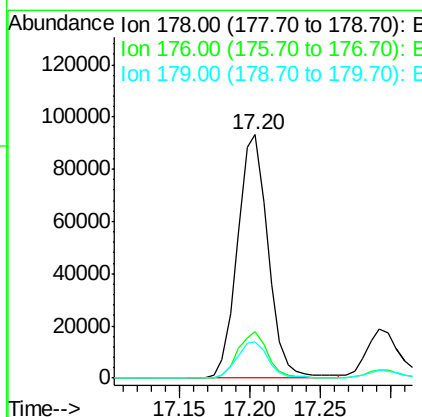
RT: 17.20 min Scan# 2417

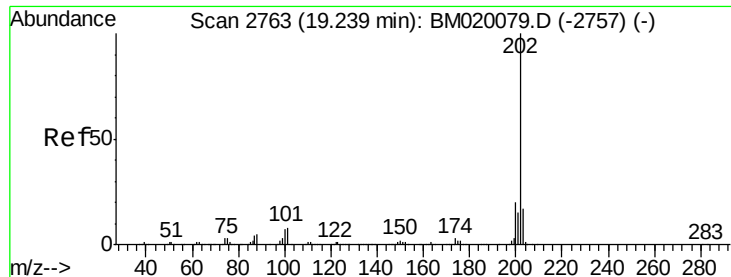
Delta R.T. -0.02 min

Lab File: BM020297.D

Acq: 12 May 2019 14:20

Tgt Ion:	178	Resp:	141925
Ion Ratio	Lower	Upper	
178	100		
176	19.1	14.6	21.8
179	14.7	12.4	18.6





#75

Fluoranthene

Concen: 12.986 ng

RT: 19.22 min Scan# 2760

Delta R.T. -0.02 min

Lab File: BM020297.D

Acq: 12 May 2019 14:20

Instrument :

BNA_M

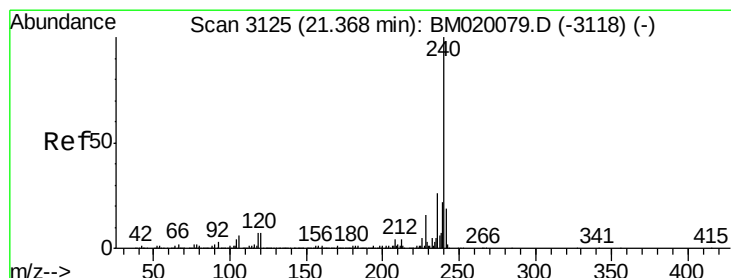
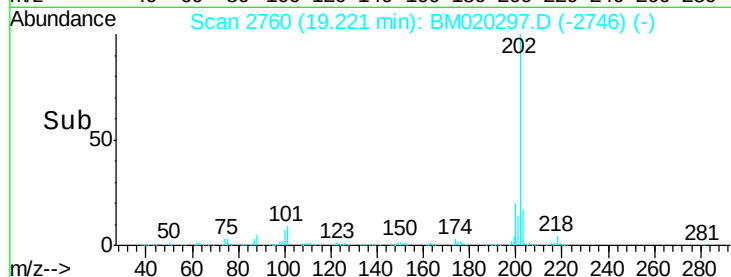
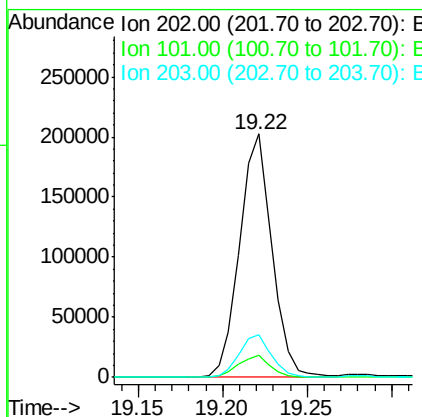
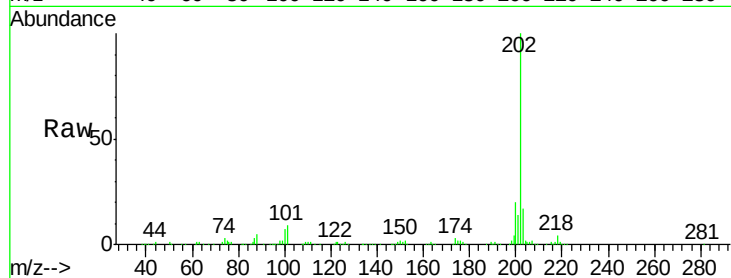
ClientSampleId :

P026-SS007-1824-01

Tot Ion	Ratio	Resp	Lower	Upper
202	100	271935		
101	8.9	0.0	28.4	
203	17.5	0.0	37.4	

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#76

Chrysene-d12

Concen: 20.000 ng

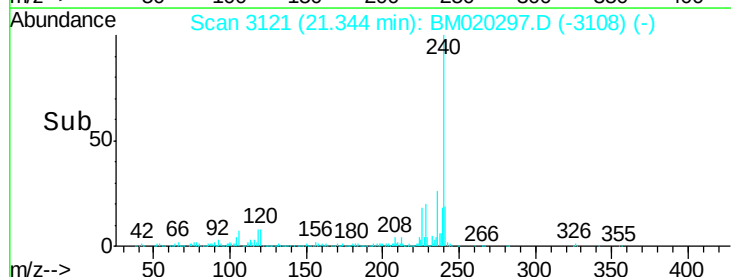
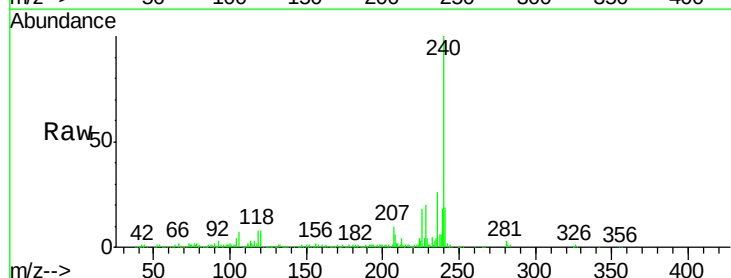
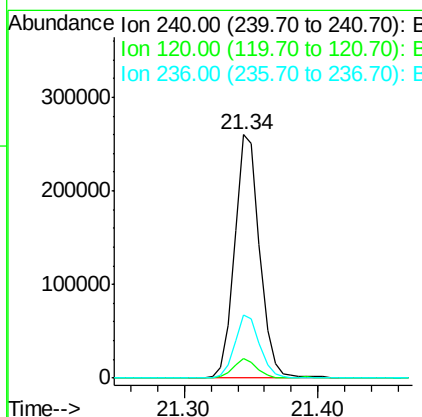
RT: 21.34 min Scan# 3121

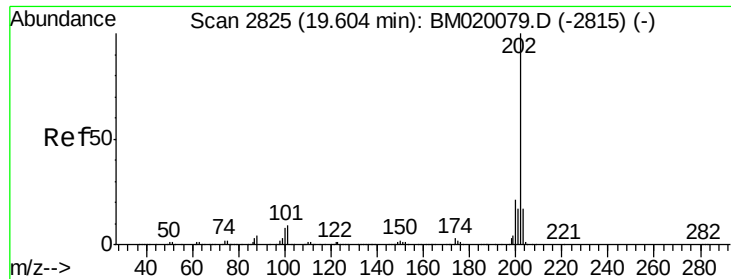
Delta R.T. -0.02 min

Lab File: BM020297.D

Acq: 12 May 2019 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	340393		
120	8.1	5.6	8.4	
236	26.0	20.9	31.3	





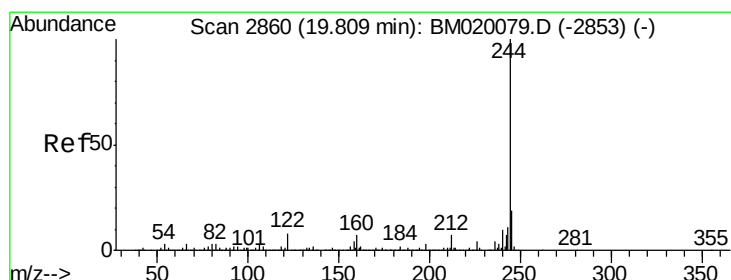
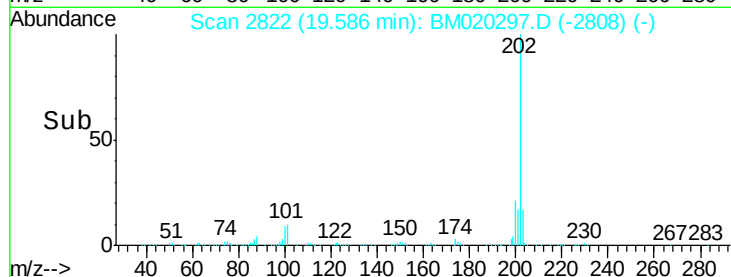
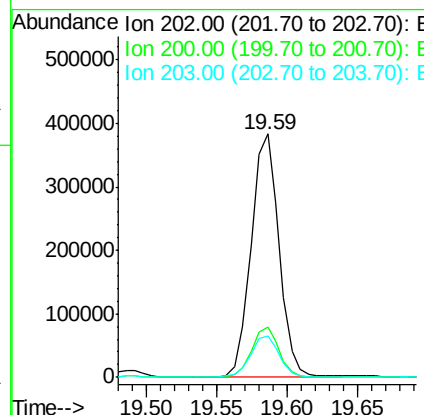
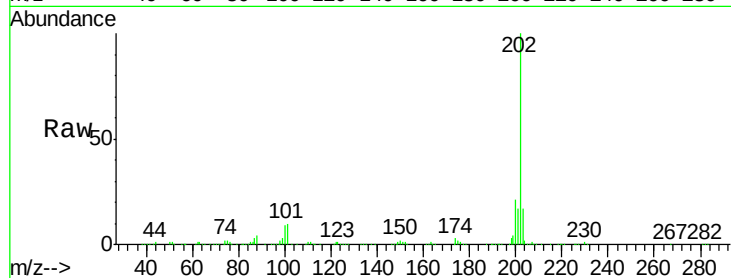
#78
Pvrene
Concen: 23.244 ng
RT: 19.59 min Scan# 2822
Delta R.T. -0.02 min
Lab File: BM020297.D
Acq: 12 May 2019 14:20

Instrument :
BNA_M
ClientSampleId :
P026-SS007-1824-01

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.8	16.5	24.7
203	17.2	13.9	20.9

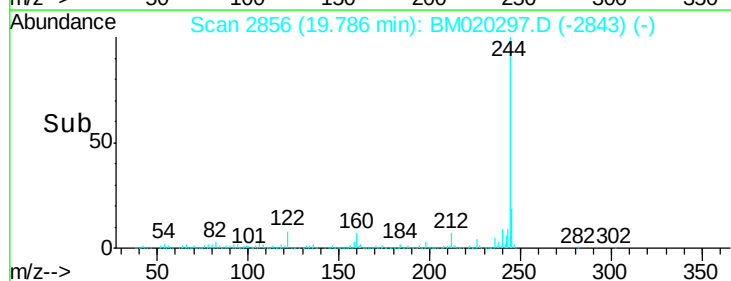
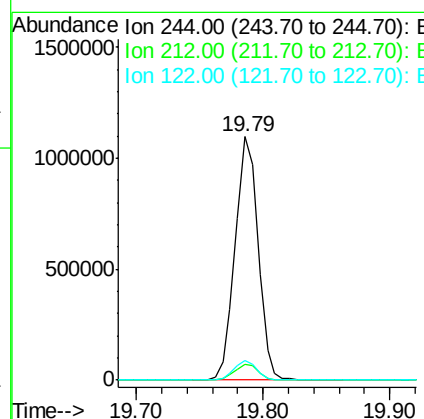
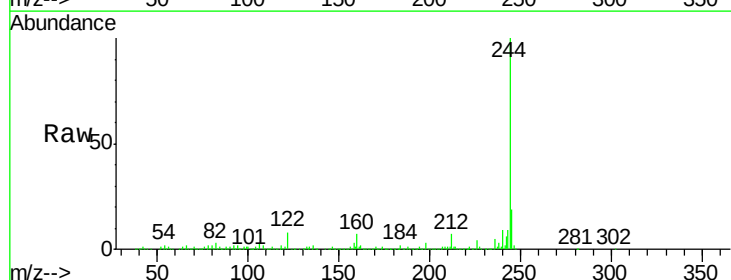
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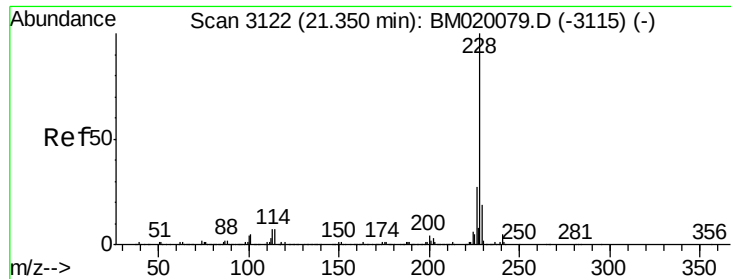
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#79
Terphenyl-d14
Concen: 70.328 ng
RT: 19.79 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BM020297.D
Acq: 12 May 2019 14:20

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.7	5.7	8.5
122	8.0	6.2	9.2





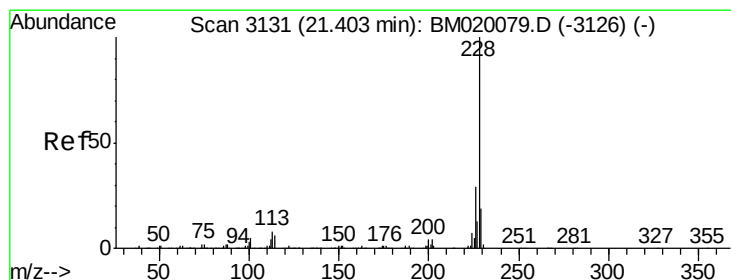
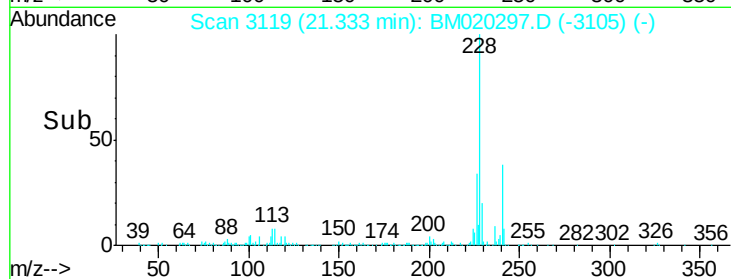
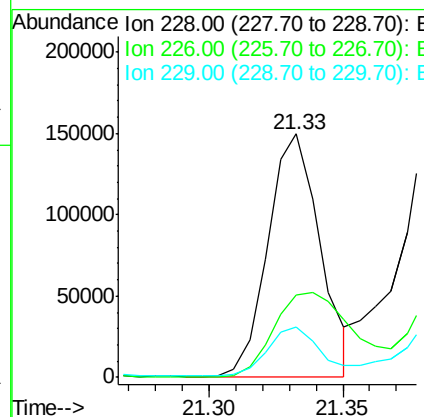
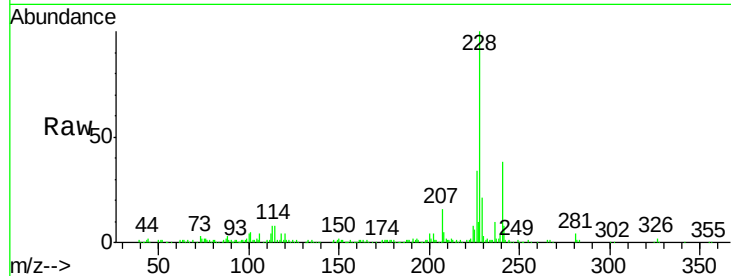
#81
Benzo(a)anthracene
Concen: 8.536 ng m
RT: 21.33 min Scan# 3119
Delta R.T. -0.02 min
Lab File: BM020297.D
Acq: 12 May 2019 14:20

Instrument :
BNA_M
ClientSampleId :
P026-SS007-1824-01

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.8	21.3	31.9#
229	20.7	15.5	23.3

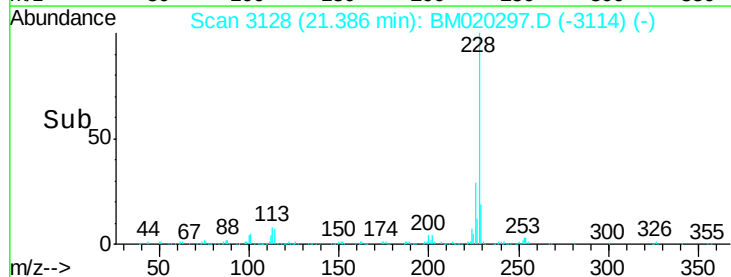
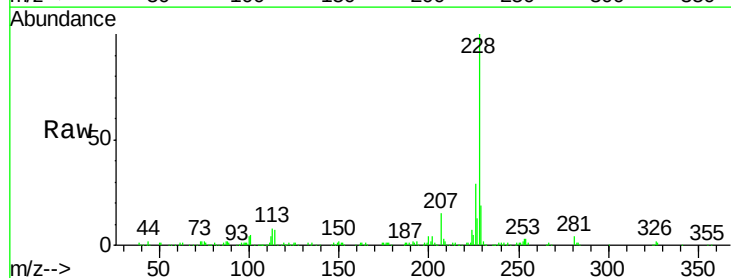
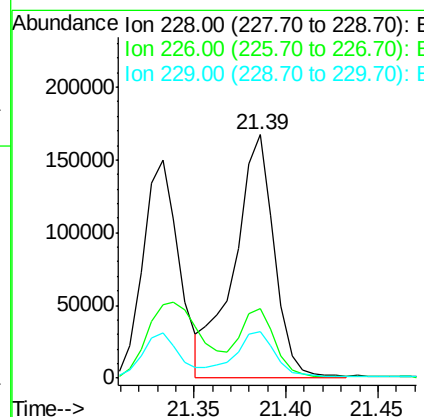
Manual Integrations
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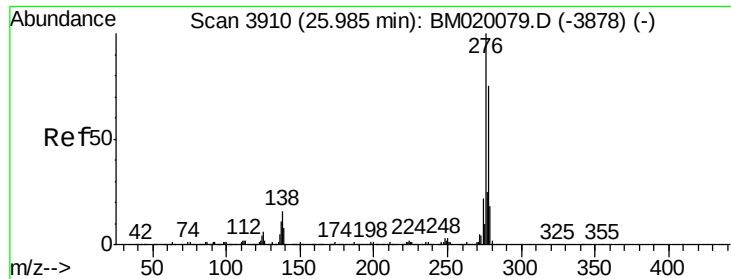
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#83
Chrysene
Concen: 11.069 ng m
RT: 21.39 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BM020297.D
Acq: 12 May 2019 14:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.6
229	19.2	15.5	23.3





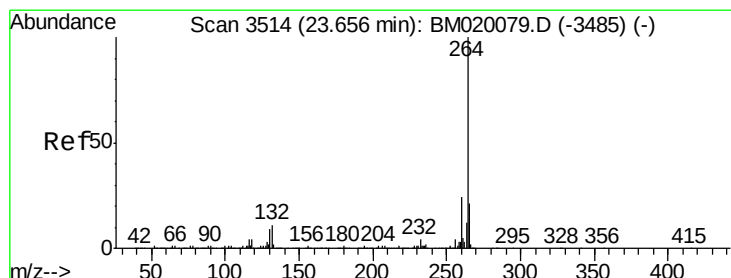
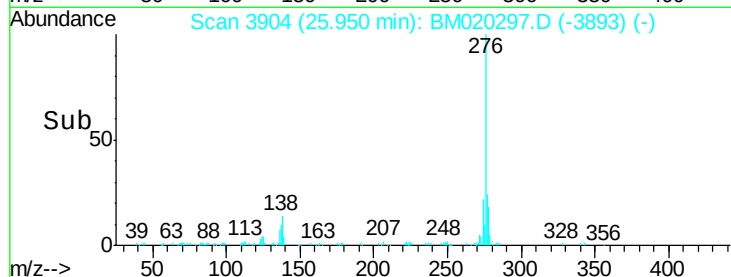
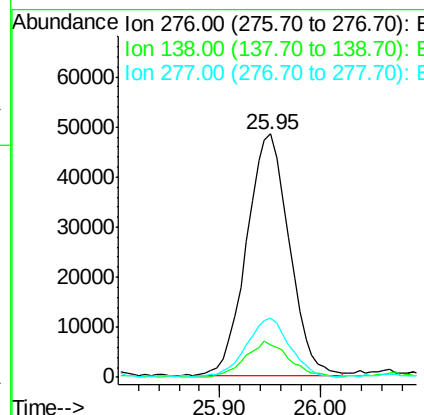
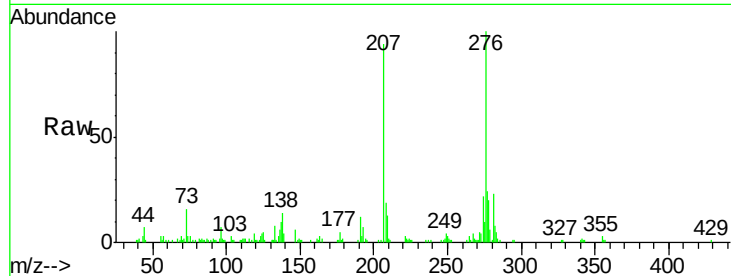
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.101 ng
RT: 25.95 min Scan# 3904
Delta R.T. -0.04 min
Lab File: BM020297.D
Acq: 12 May 2019 14:20

Instrument :
BNA_M
ClientSampleId :
P026-SS007-1824-01

Tot Ion	Ratio	Resp	Lower	Upper
276	100	140467		
138	15.4	0.0	0.0	0.0
277	25.2	0.0	0.0	0.0

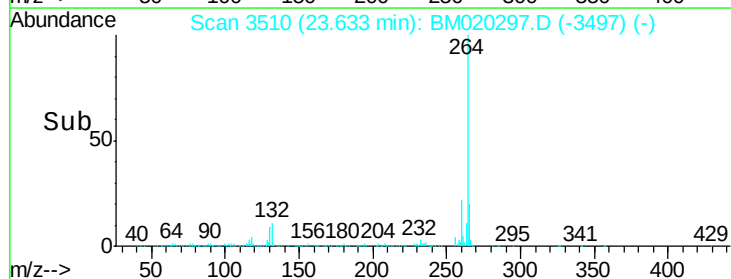
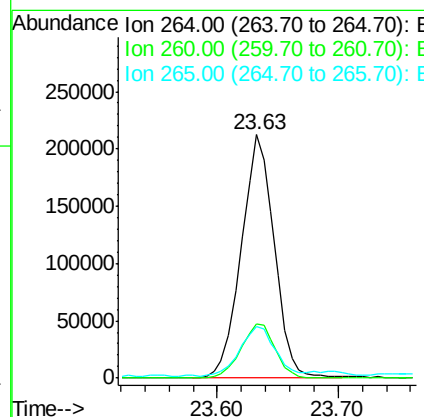
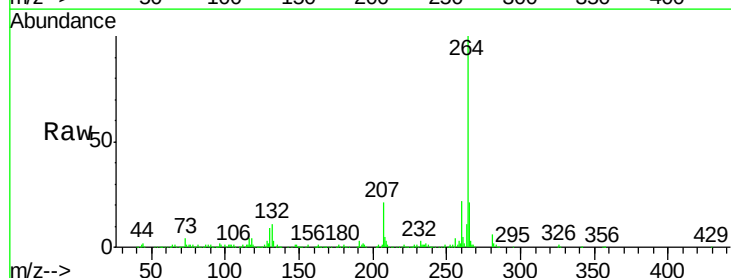
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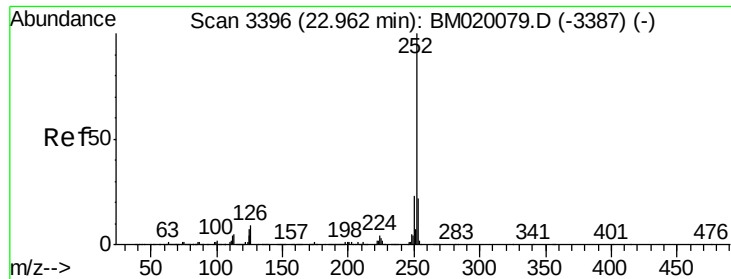
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#87
Perylene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3510
Delta R.T. -0.02 min
Lab File: BM020297.D
Acq: 12 May 2019 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	405955		
260	22.0	19.2	28.8	
265	21.3	16.9	25.3	





#88

Benzo(b)fluoranthene

Concen: 9.884 ng m

RT: 22.94 min Scan# 3393

Delta R.T. -0.02 min

Lab File: BM020297.D

Acq: 12 May 2019 14:20

Instrument :

BNA_M

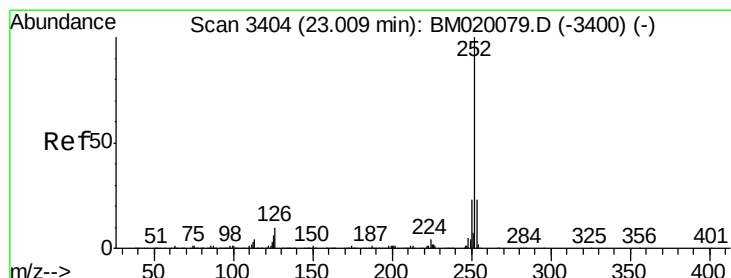
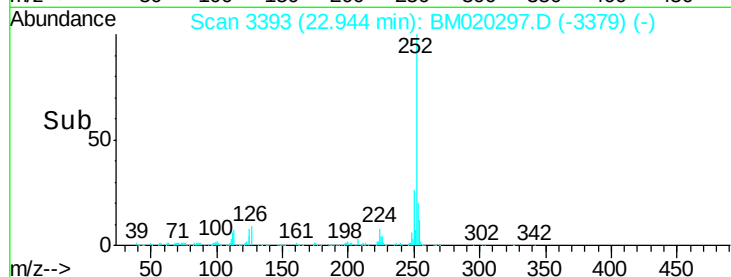
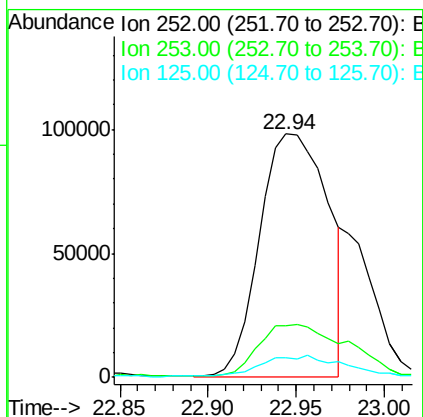
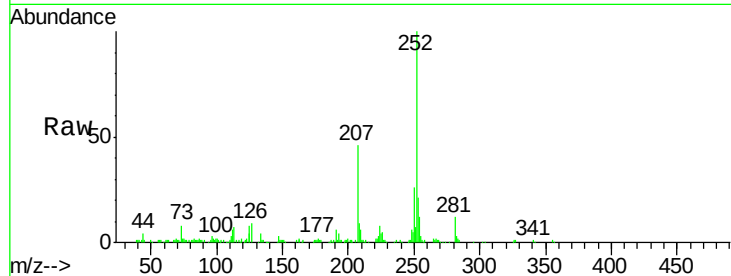
ClientSampleId :

P026-SS007-1824-01

Tot Ion:	252	Resp:	264971
Ion Ratio	Lower	Upper	
252	100		
253	21.1	17.5	26.3
125	8.1	5.4	8.2

Manual Integrations
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#89

Benzo(k)fluoranthene

Concen: 3.030 ng m

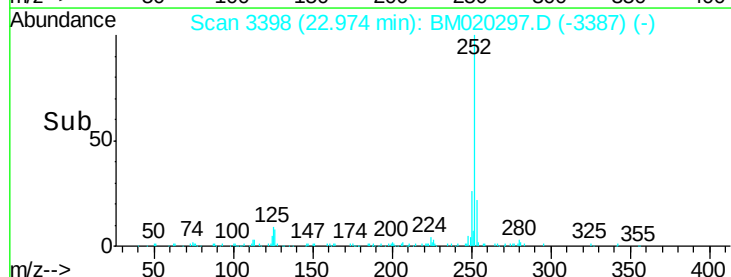
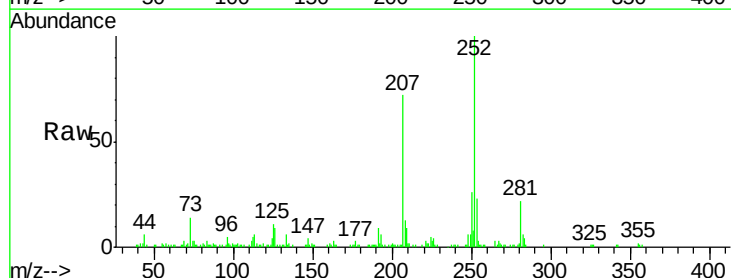
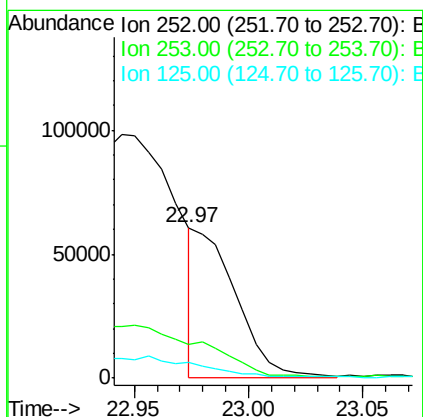
RT: 22.97 min Scan# 3398

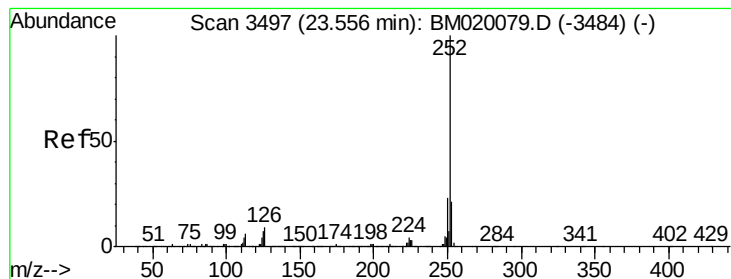
Delta R.T. -0.04 min

Lab File: BM020297.D

Acq: 12 May 2019 14:20

Tgt Ion:	252	Resp:	74103
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.8
125	10.5	5.4	8.0#





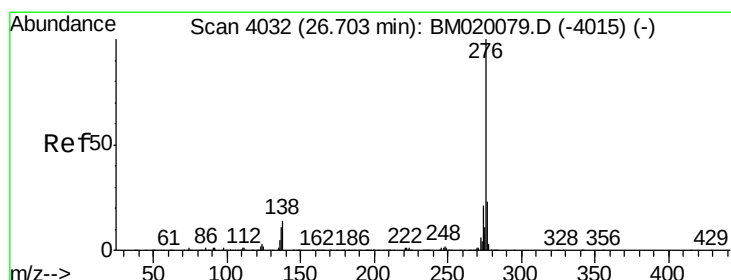
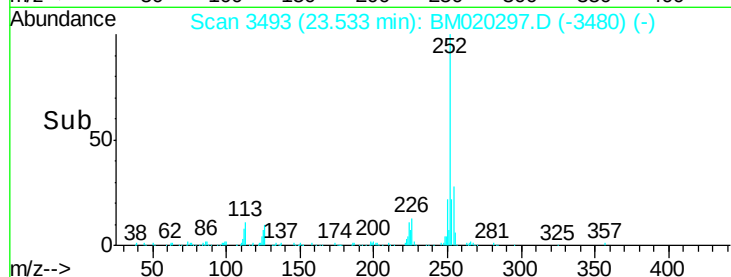
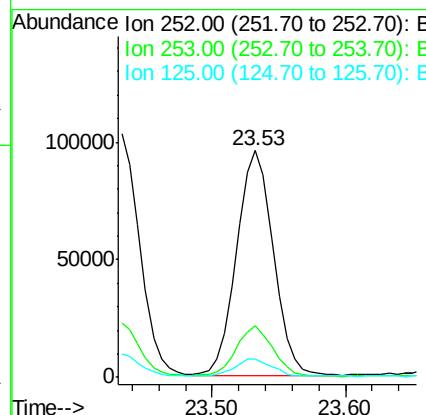
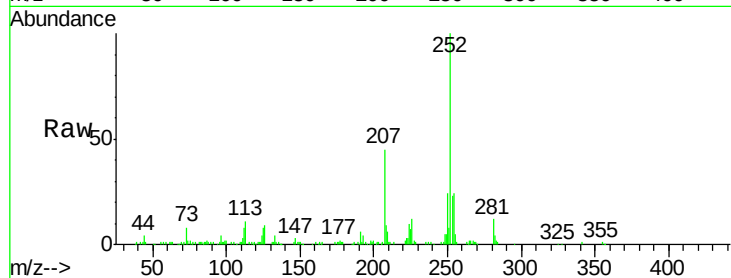
#90
Benzo(a)pyrene
Concen: 7.507 ng
RT: 23.53 min Scan# 3493
Delta R.T. -0.02 min
Lab File: BM020297.D
Acq: 12 May 2019 14:20

Instrument :
BNA_M
ClientSampleId :
P026-SS007-1824-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	8.2	5.5	8.3

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 7.035 ng
RT: 26.66 min Scan# 4025
Delta R.T. -0.04 min
Lab File: BM020297.D
Acq: 12 May 2019 14:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.4	27.6
138	15.7	11.1	16.7

