

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070519\
 Data File : BN006721.D
 Acq On : 05 Jul 2019 18:17
 Operator : HP/JU
 Sample : K3558-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-015-B229-062519

Manual Integrations
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Quant Time: Jul 05 23:29:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 05:30:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2591	0.40	ng	-0.02
7) Naphthalene-d8	10.38	136	10148	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	6323	0.40	ng	-0.02
19) Phenanthrene-d10	17.01	188	14795	0.40	ng	-0.01
27) Chrysene-d12	21.23	240	14790	0.40	ng	-0.03
34) Perylene-d12	23.46	264	16593	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	1294	0.18	ng	0.00
5) Phenol-d6	6.81	99	1704	0.19	ng	-0.02
8) Nitrobenzene-d5	8.81	82	960	0.12	ng	0.01
11) 2-Methylnaphthalene-d10	11.98	152	3153	0.21	ng	-0.01
14) 2,4,6-Tribromophenol	15.78	330	585	0.19	ng	-0.01
15) 2-Fluorobiphenyl	12.86	172	4429	0.18	ng	-0.02
25) Fluoranthene-d10	19.06	212	8546	0.20	ng	-0.02
29) Terphenyl-d14	19.66	244	6095	0.18	ng	-0.02
Target Compounds						
23) Phenanthrene	17.06	178	1766	0.041	ng	# 95
26) Fluoranthene	19.09	202	2025	0.040	ng	# 63
28) Pyrene	19.45	202	2896	0.049	ng	# 97
30) Benzo(a)anthracene	21.22	228	1072	0.021	ng	# 74
31) Chrysene	21.27	228	1607	0.031	ng	# 80
32) Bis(2-ethylhexyl)phthalate	21.13	149	4398	0.029	ng	99
35) Benzo(b)fluoranthene	22.81	252	1442m	0.027	ng	

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

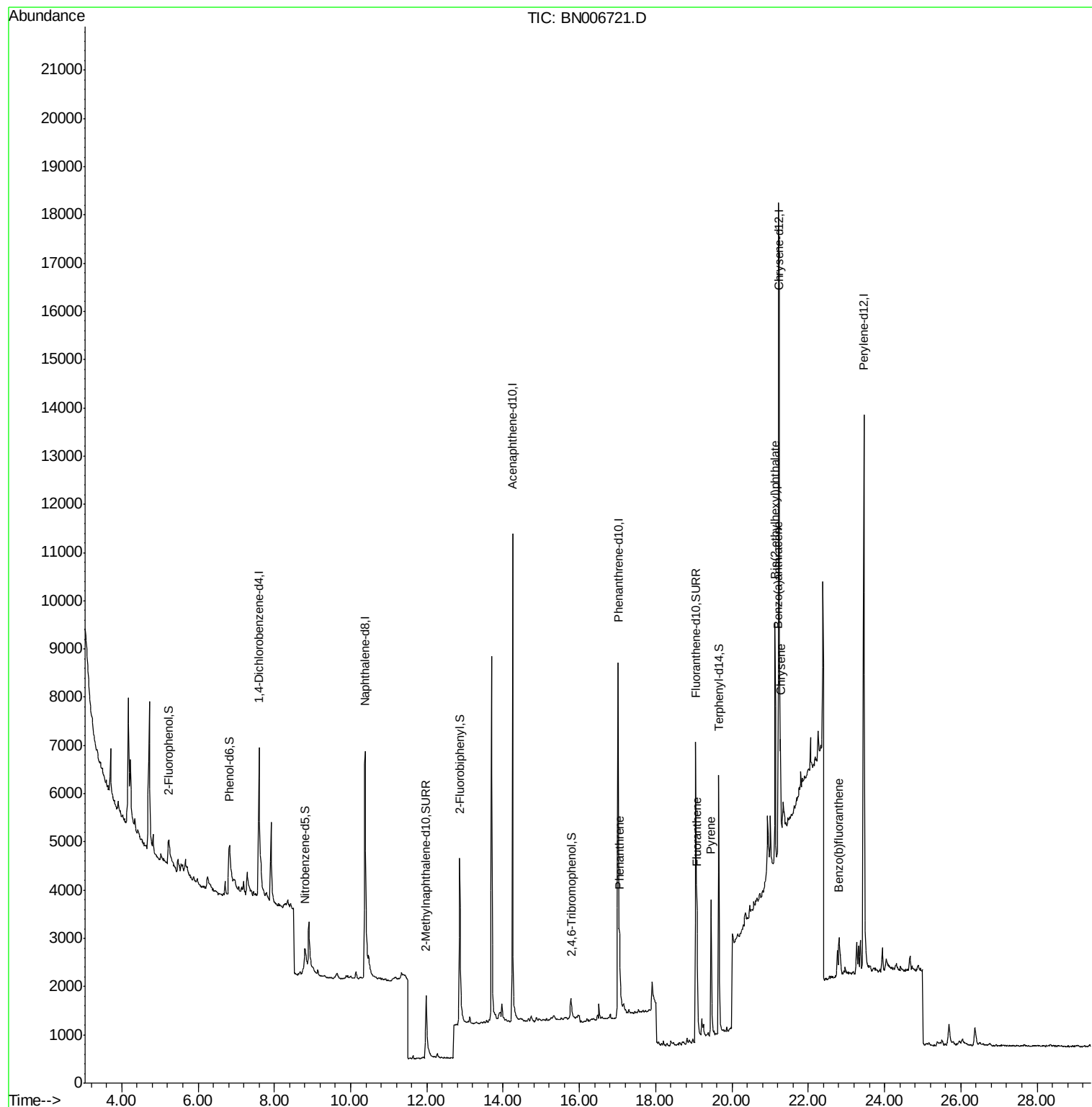
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070519\
Data File : BN006721.D
Acq On : 05 Jul 2019 18:17
Operator : HP/JU
Sample : K3558-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

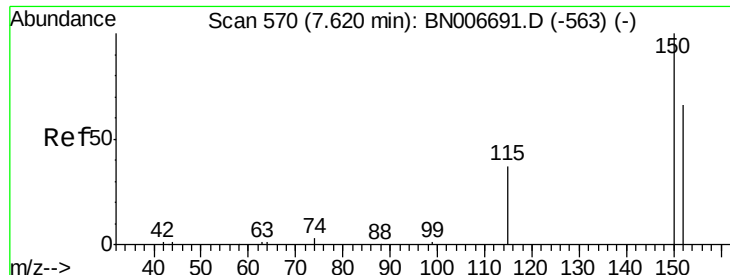
Instrument :
BNA_N
ClientSampleId :
PST-015-B229-062519

Quant Time: Jul 05 23:29:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 05:30:28 2019
Response via : Initial Calibration

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#1

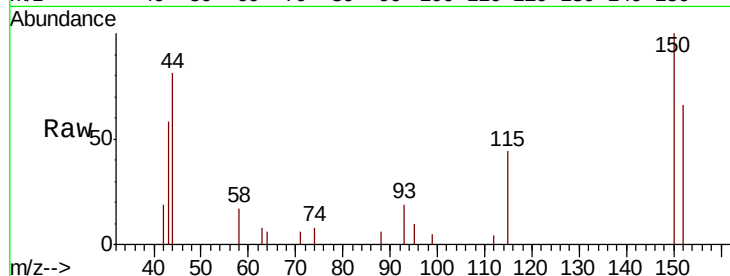
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 567
Delta R.T. -0.02 min
Lab File: BN006721.D
Acq: 05 Jul 2019 18:17

Instrument :
BNA_N
ClientSampleId :
PST-015-B229-062519

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	120.6	181.0
115	67.3	51.0	76.6

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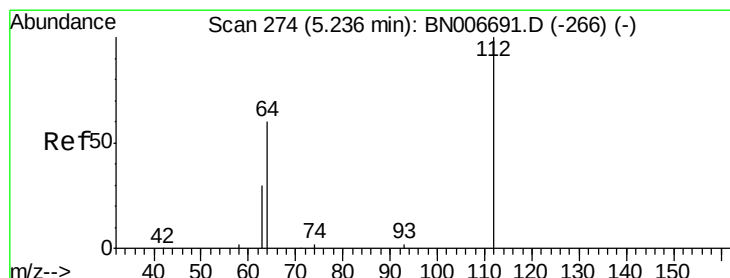
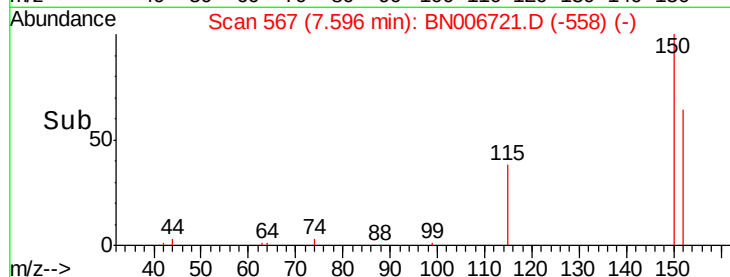
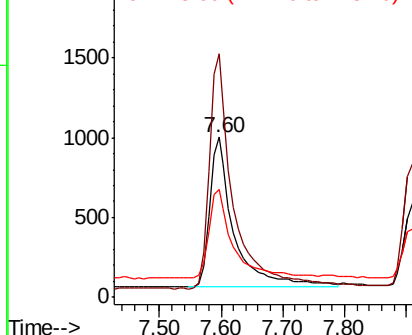


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

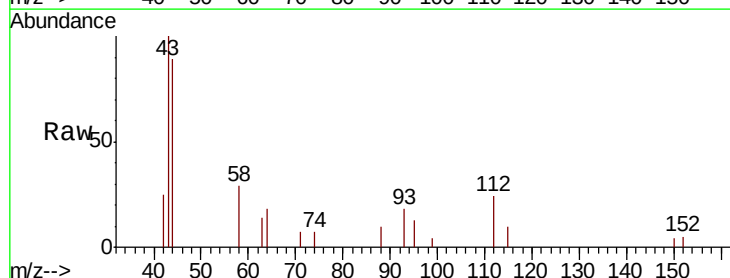
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
Concen: 0.184 ng
RT: 5.23 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN006721.D
Acq: 05 Jul 2019 18:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	49.8	74.6
63	35.8	25.8	38.6

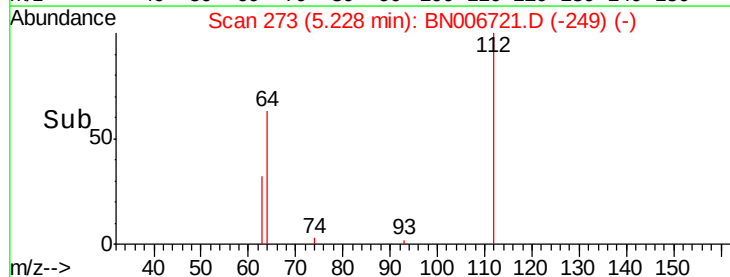
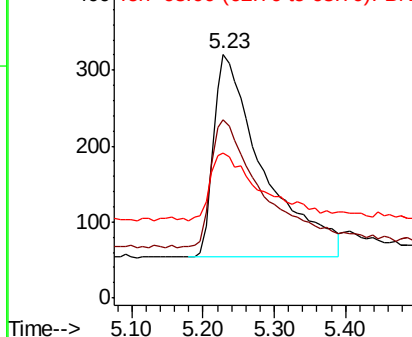


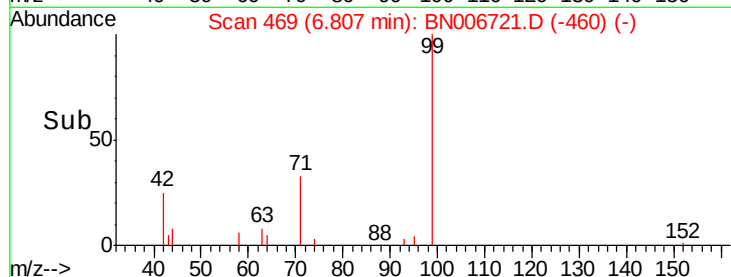
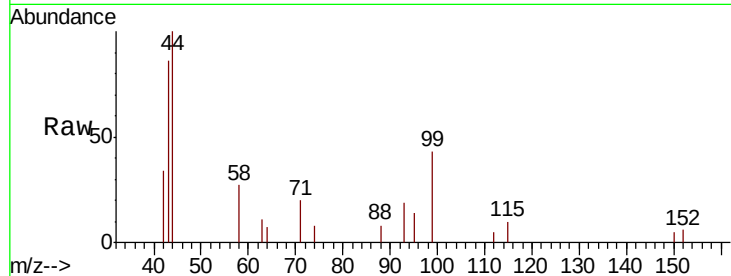
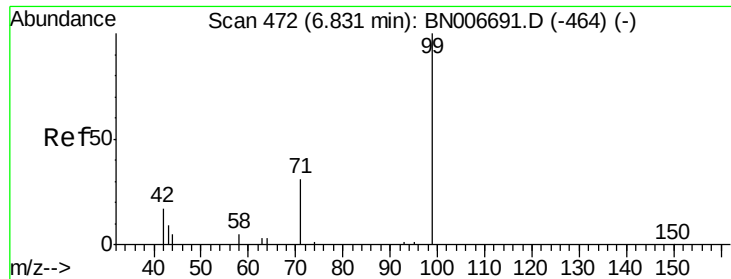
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.191 ng

RT: 6.81 min Scan# 469

Delta R.T. -0.02 min

Lab File: BN006721.D

Acq: 05 Jul 2019 18:17

Tot Ion:	99	Resp:	1704
Ion	Ratio	Lower	Upper
99	100		
42	27.7	16.6	25.0#
71	34.0	26.0	39.0

Instrument :

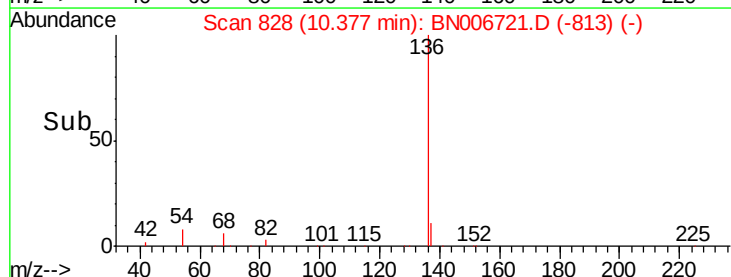
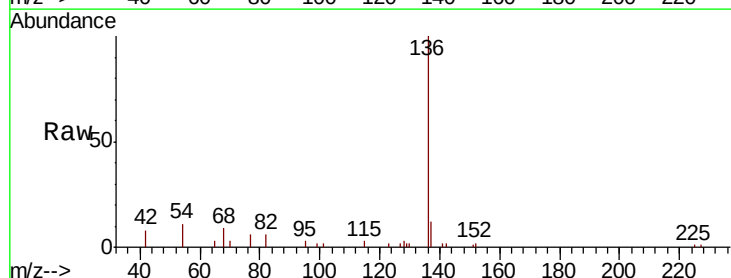
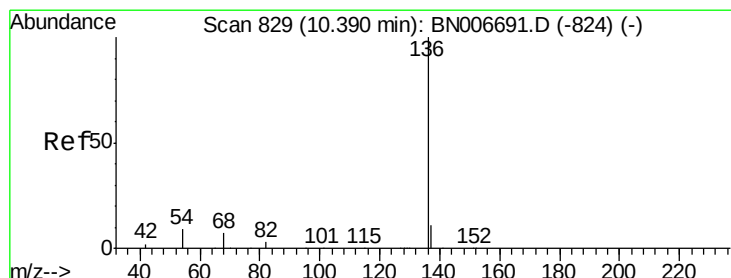
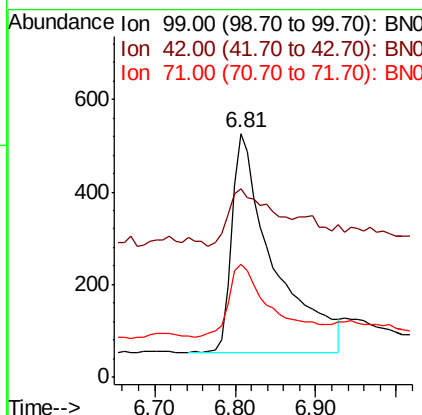
BNA_N

ClientSampleId :

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#7

Naphthalene-d8

Concen: 0.400 ng

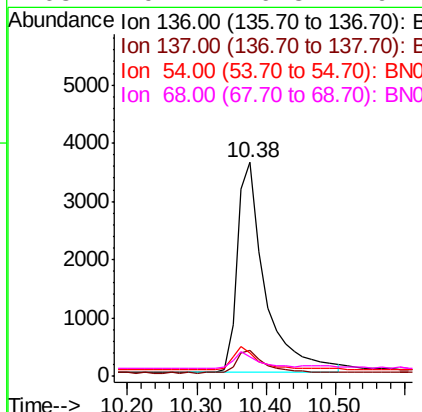
RT: 10.38 min Scan# 828

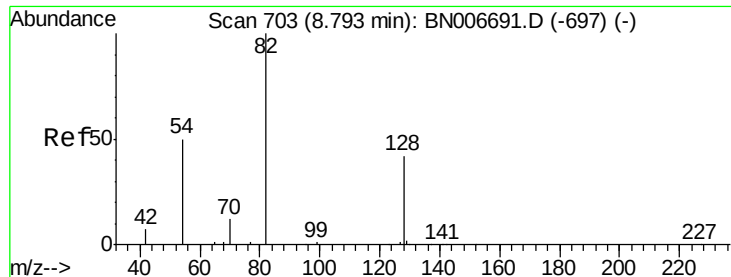
Delta R.T. -0.01 min

Lab File: BN006721.D

Acq: 05 Jul 2019 18:17

Tgt Ion:	136	Resp:	10148
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.3	13.9
54	10.9	8.4	12.6
68	9.2	6.8	10.2





#8

Nitrobenzene-d5

Concen: 0.123 ng

RT: 8.81 min Scan# 704

Delta R.T. 0.01 min

Lab File: BN006721.D

Acq: 05 Jul 2019 18:17

Instrument :

BNA_N

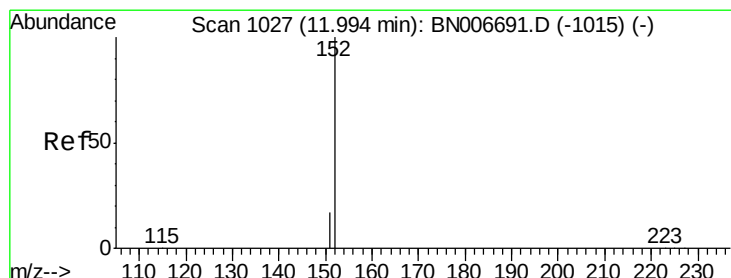
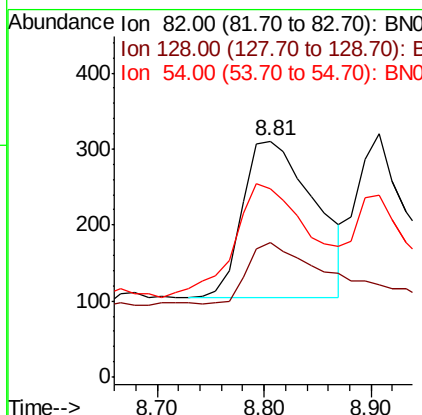
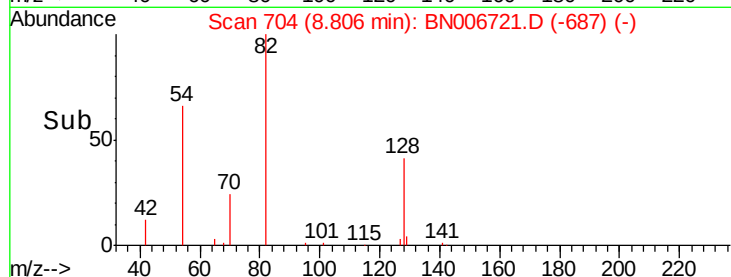
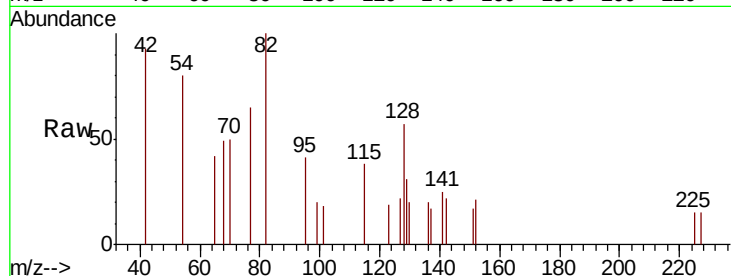
ClientSampleId :

PST-015-B229-062519

Tot Ion:	82.00	Resp:	960
Ion	Ratio	Lower	Upper
82	100		
128	57.1	36.1	54.1#
54	80.0	44.5	66.7#

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#11

2-Methylnaphthalene-d10

Concen: 0.207 ng

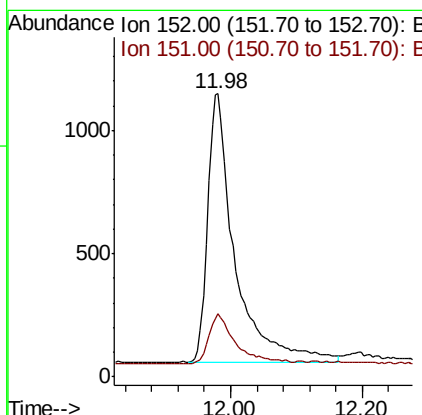
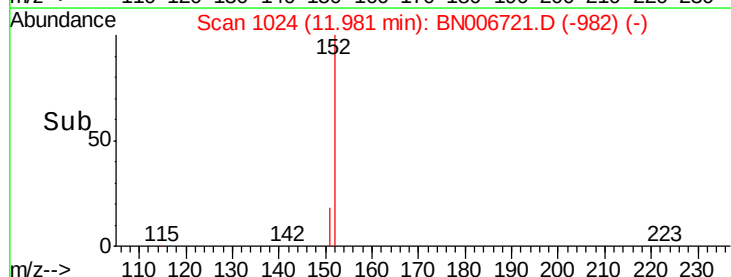
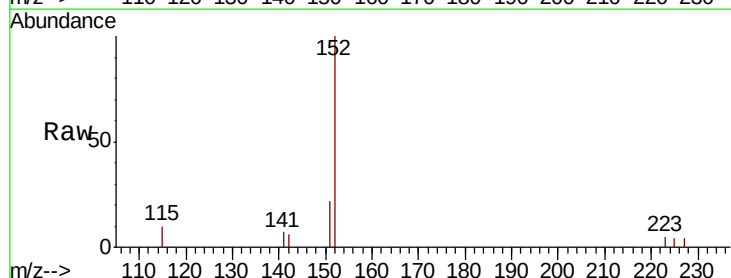
RT: 11.98 min Scan# 1024

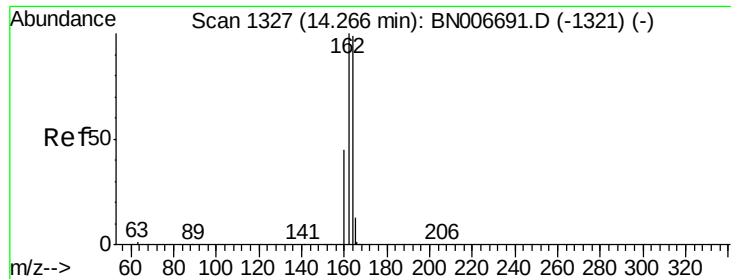
Delta R.T. -0.01 min

Lab File: BN006721.D

Acq: 05 Jul 2019 18:17

Tgt Ion:	152.00	Resp:	3153
Ion	Ratio	Lower	Upper
152	100		
151	18.4	14.9	22.3





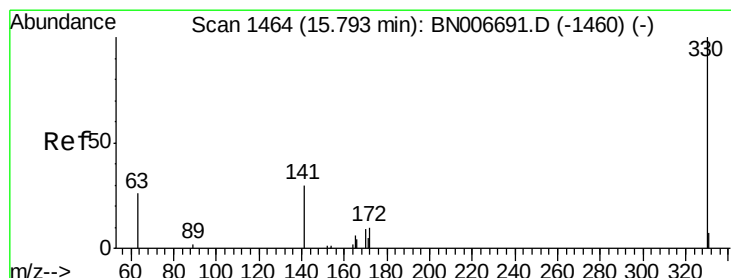
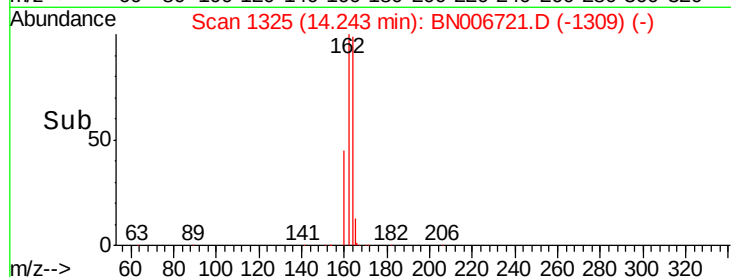
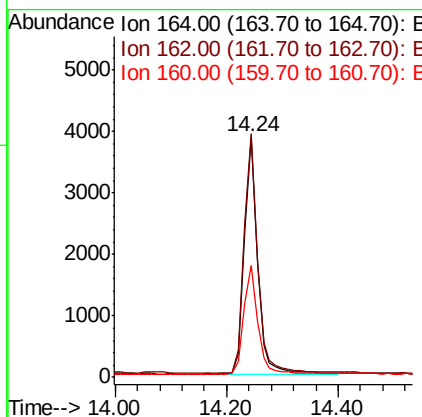
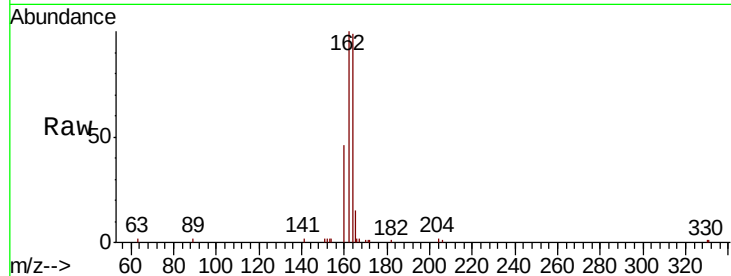
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN006721.D
Acq: 05 Jul 2019 18:17

Instrument :
BNA_N
ClientSampleId :
PST-015-B229-062519

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.8	121.2
160	46.6	37.0	55.6

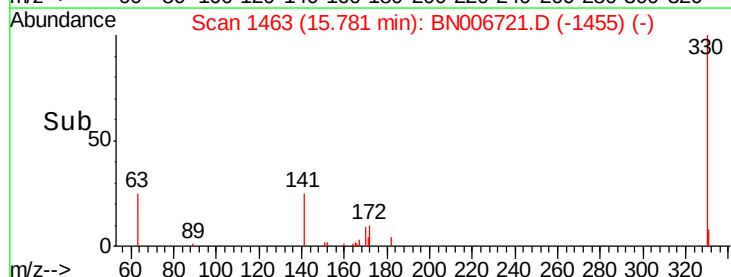
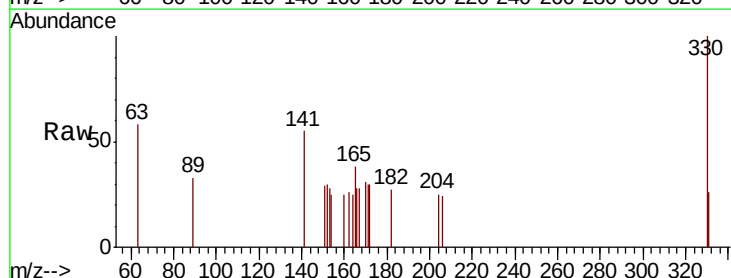
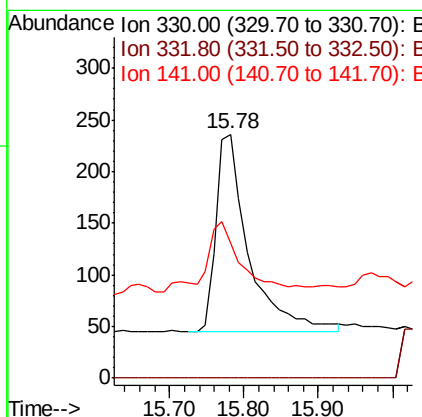
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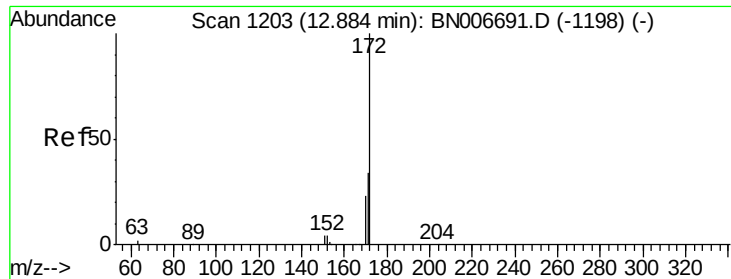
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#14
2,4,6-Tribromophenol
Concen: 0.188 ng
RT: 15.78 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BN006721.D
Acq: 05 Jul 2019 18:17

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.5	24.8	37.2#





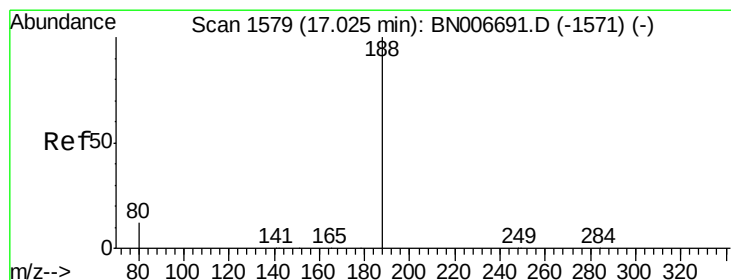
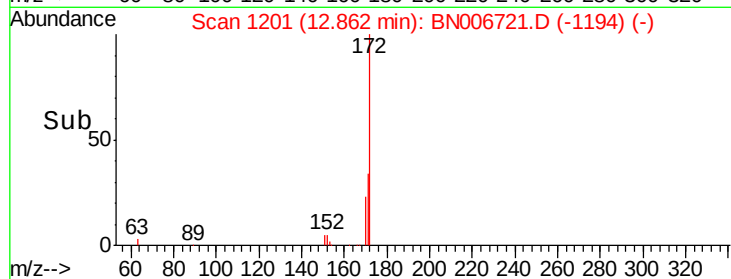
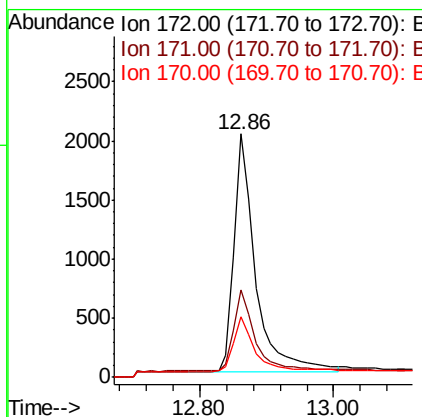
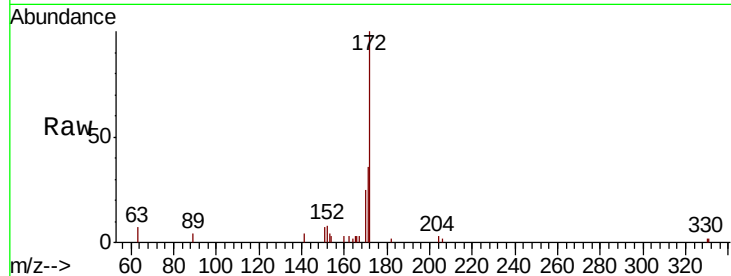
#15
2-Fluorobiphenyl
Concen: 0.179 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006721.D
Acq: 05 Jul 2019 18:17

Instrument :
BNA_N
ClientSampleId :
PST-015-B229-062519

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	27.8	41.6
170	24.8	18.9	28.3

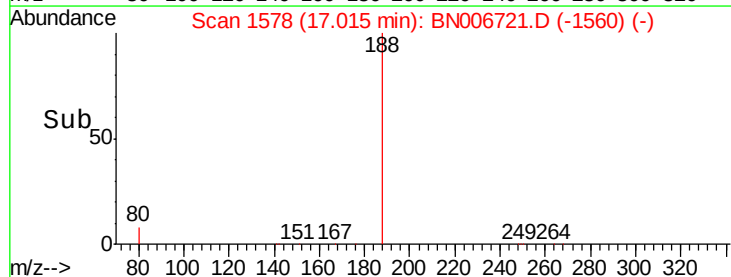
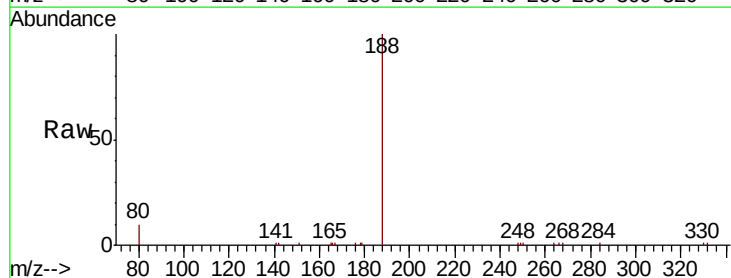
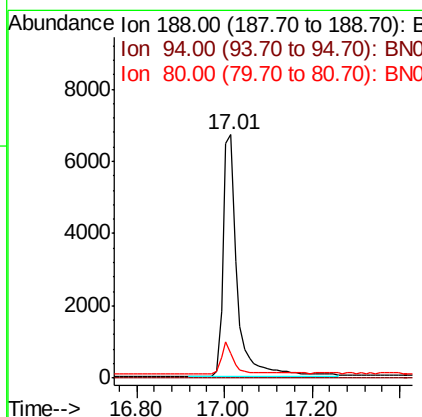
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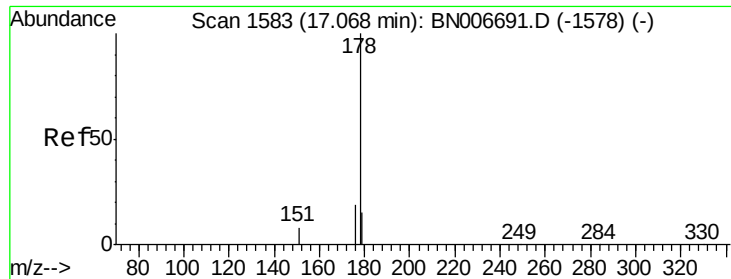
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.01 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BN006721.D
Acq: 05 Jul 2019 18:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.3	10.3	15.5#





#23

Phenanthrene

Concen: 0.041 ng

RT: 17.06 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BN006721.D

Acq: 05 Jul 2019 18:17

Instrument :

BNA_N

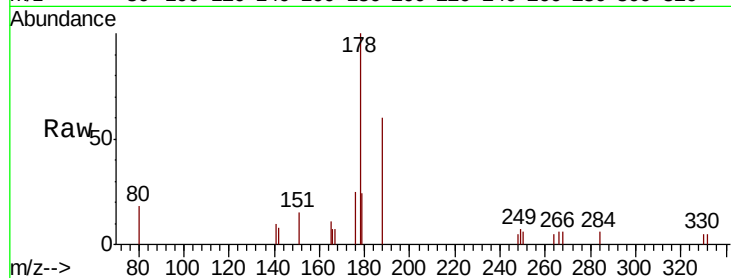
ClientSampleId :

PST-015-B229-062519

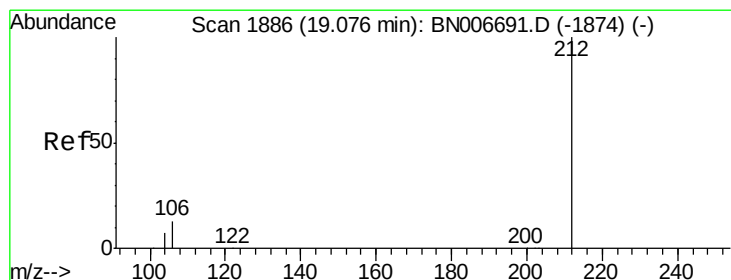
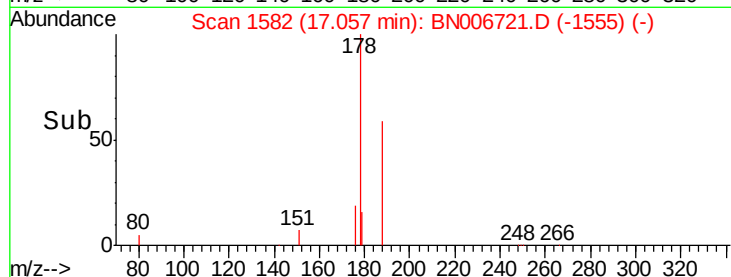
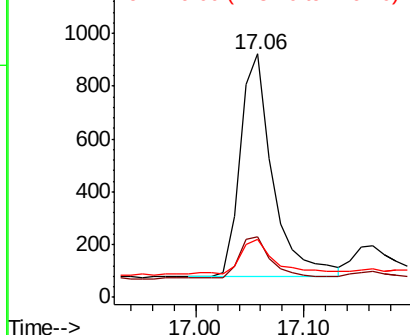
Tot Ion:178	Resp:	1766
Ion Ratio	Lower	Upper
178 100		
176 19.3	15.3	22.9
179 20.3	12.4	18.6

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.202 ng

RT: 19.06 min Scan# 1882

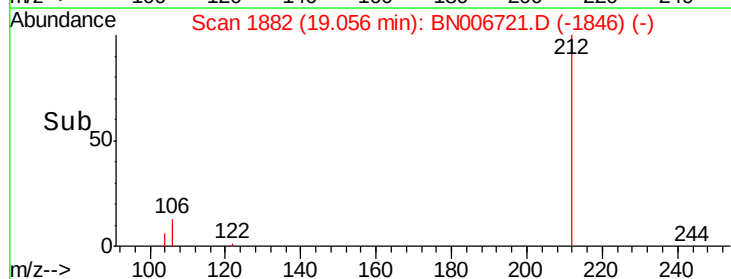
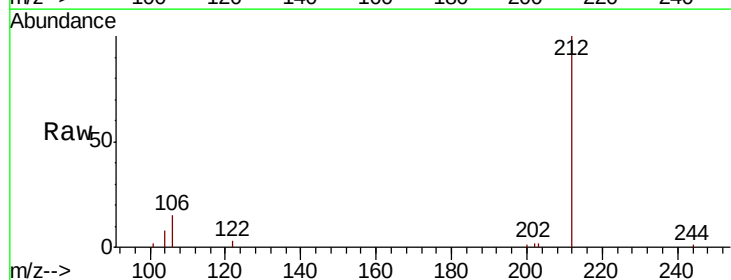
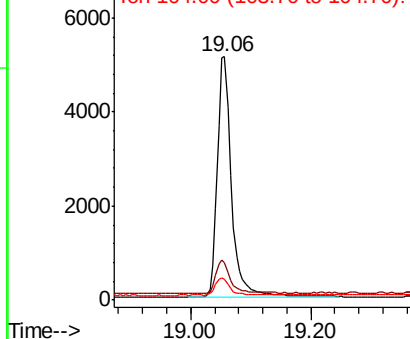
Delta R.T. -0.02 min

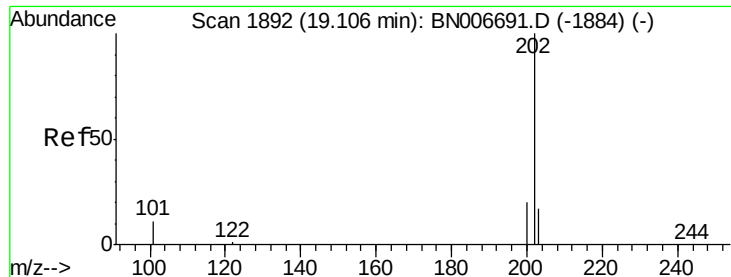
Lab File: BN006721.D

Acq: 05 Jul 2019 18:17

Tgt Ion:212	Resp:	8546
Ion Ratio	Lower	Upper
212 100		
106 15.0	11.0	16.6
104 7.5	6.1	9.1

Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E





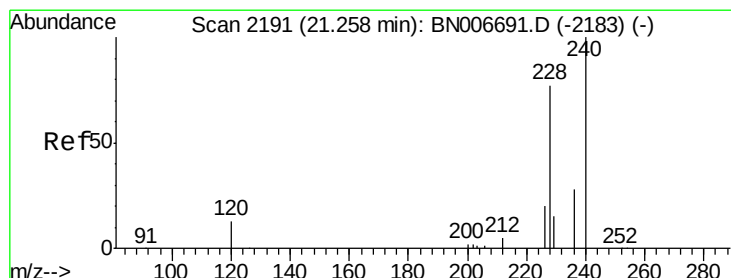
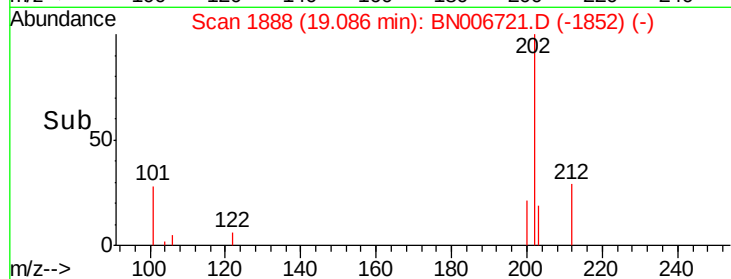
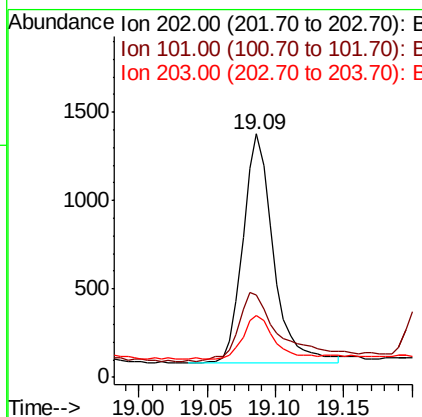
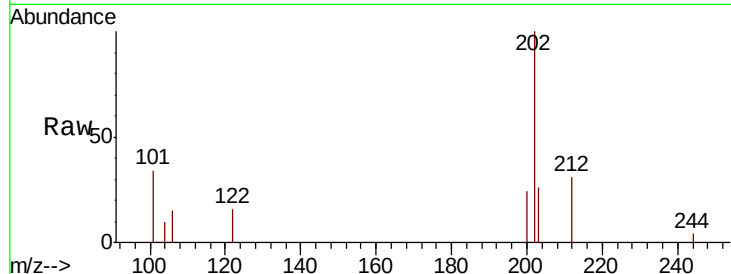
#26
Fluoranthene
Concen: 0.040 ng
RT: 19.09 min Scan# 1888
Delta R.T. -0.02 min
Lab File: BN006721.D
Acq: 05 Jul 2019 18:17

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	43.3	8.7	13.1#
203	19.9	13.8	20.6

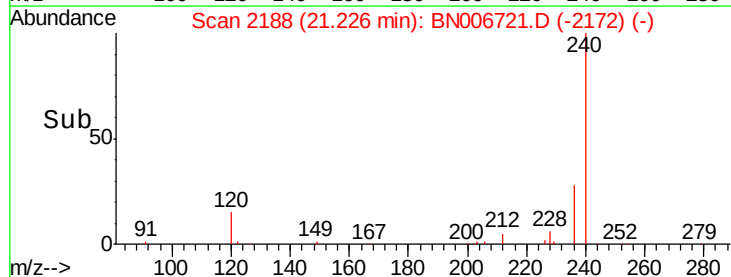
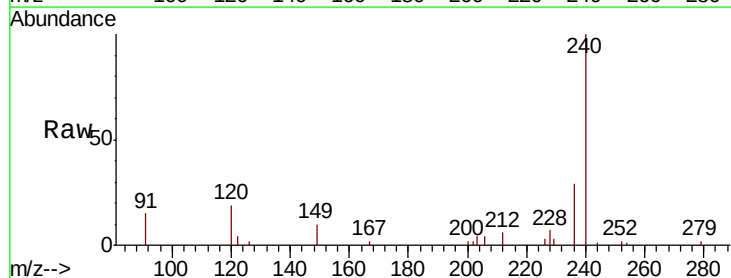
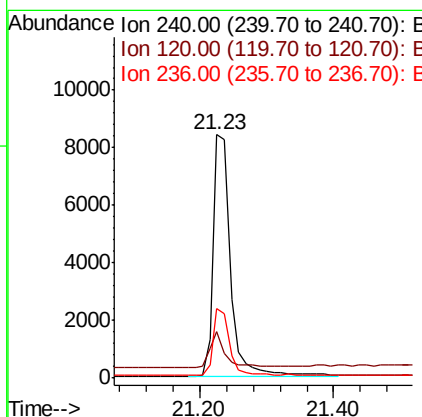
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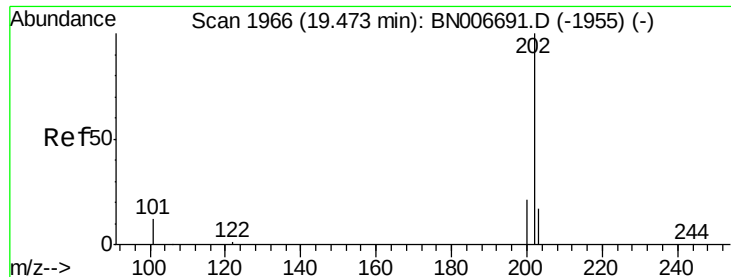
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#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.03 min
Lab File: BN006721.D
Acq: 05 Jul 2019 18:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	18.9	12.9	19.3
236	28.5	23.2	34.8





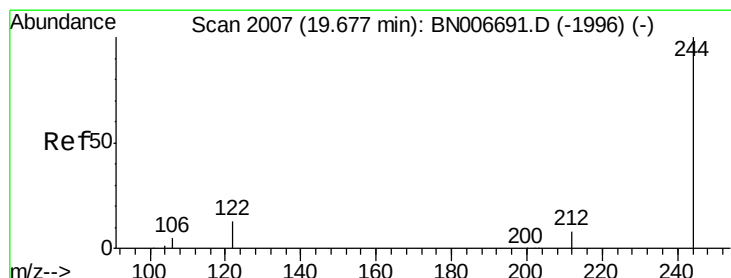
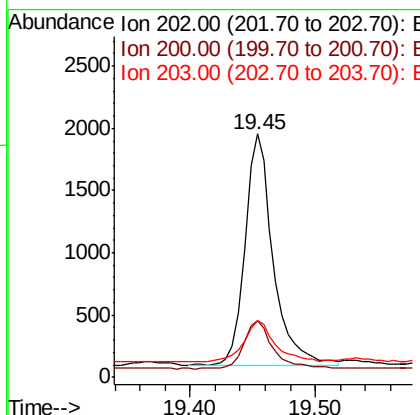
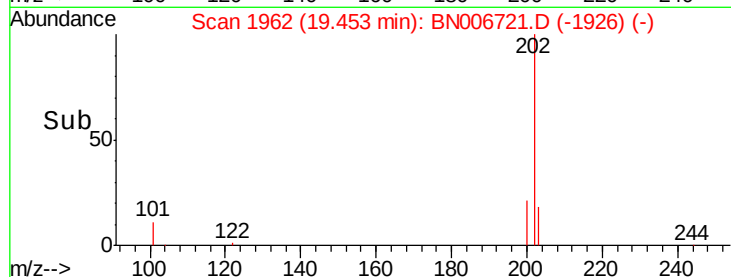
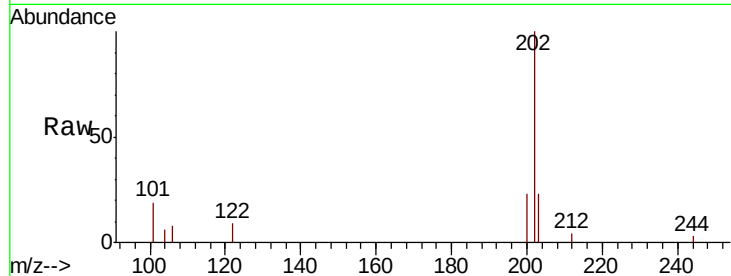
#28
Pvrene
Concen: 0.049 ng
RT: 19.45 min Scan# 1962
Delta R.T. -0.02 min
Lab File: BN006721.D
Acq: 05 Jul 2019 18:17

Instrument :
BNA_N
ClientSampleId :
PST-015-B229-062519

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.8	25.2
203	20.2	14.2	21.2

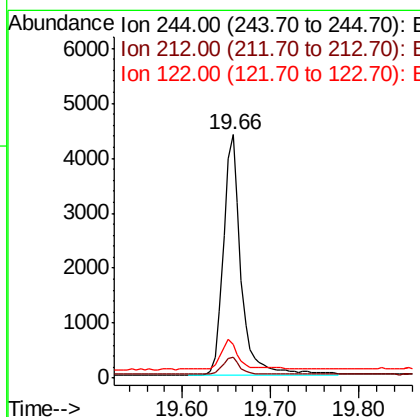
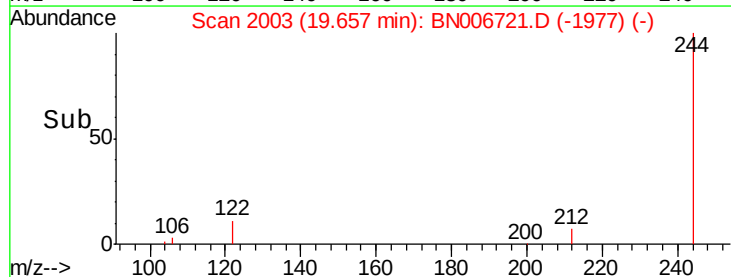
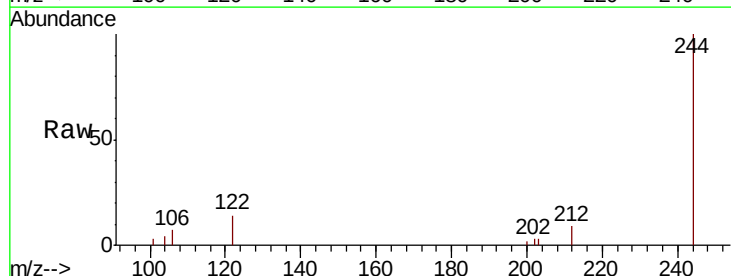
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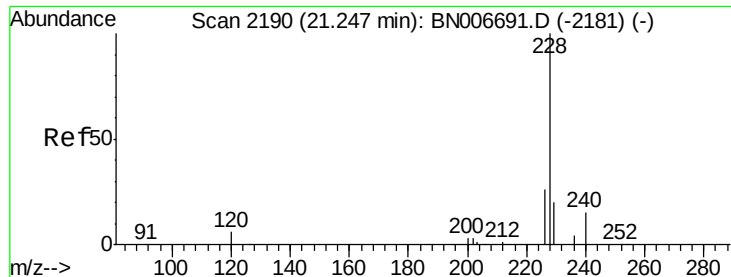
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#29
Terphenyl-d14
Concen: 0.179 ng
RT: 19.66 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BN006721.D
Acq: 05 Jul 2019 18:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.4
122	13.9	11.5	17.3





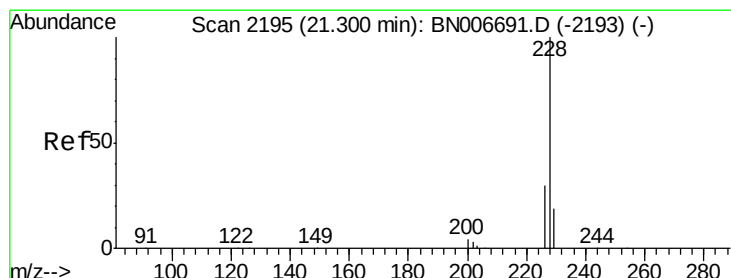
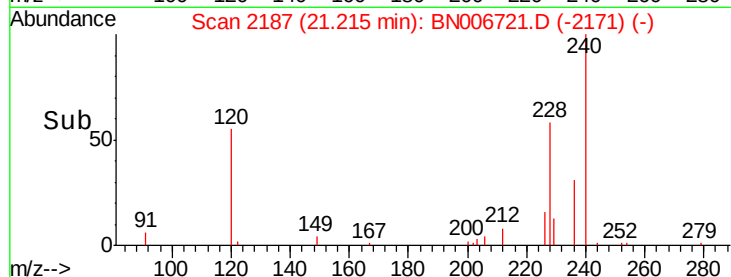
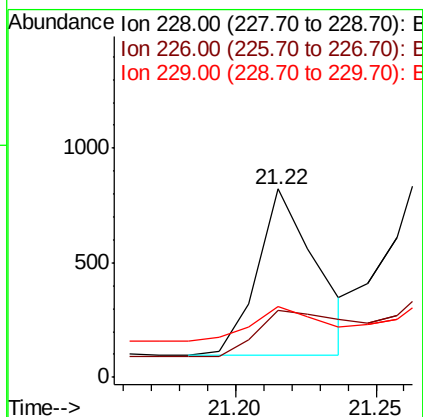
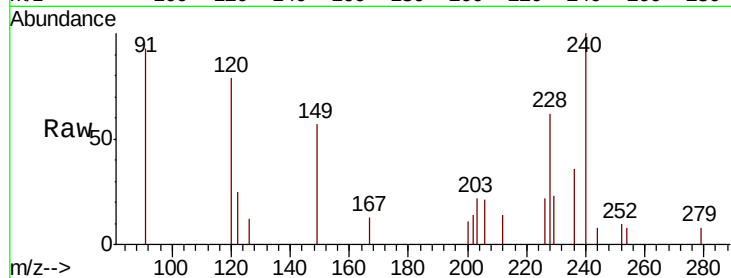
#30
Benzo(a)anthracene
Concen: 0.021 ng
RT: 21.22 min Scan# 2187
Delta R.T. -0.03 min
Lab File: BN006721.D
Acq: 05 Jul 2019 18:17

Instrument :
BNA_N
ClientSampleId :
PST-015-B229-062519

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.5	21.5	32.3#
229	37.6	16.2	24.4#

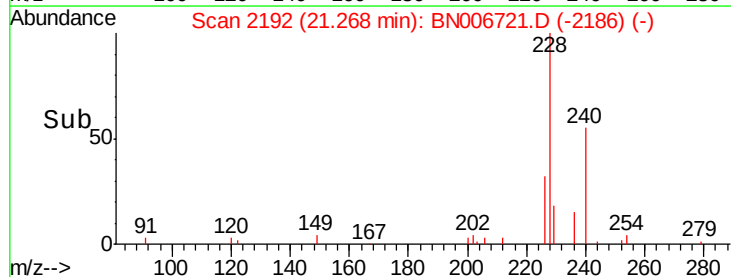
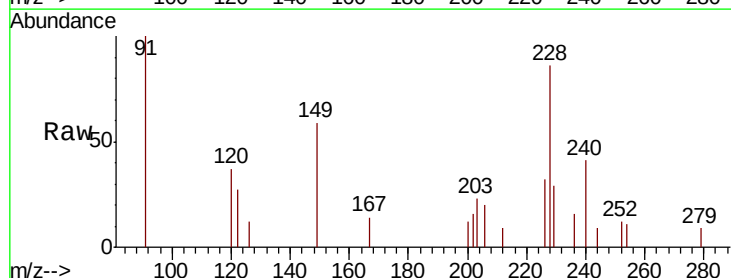
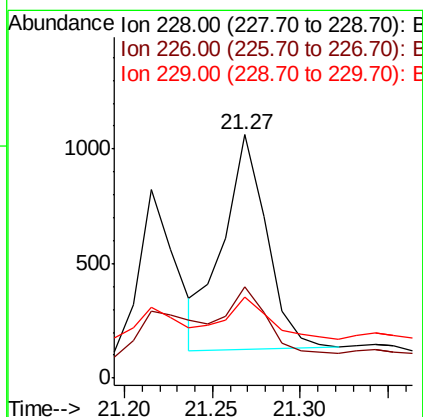
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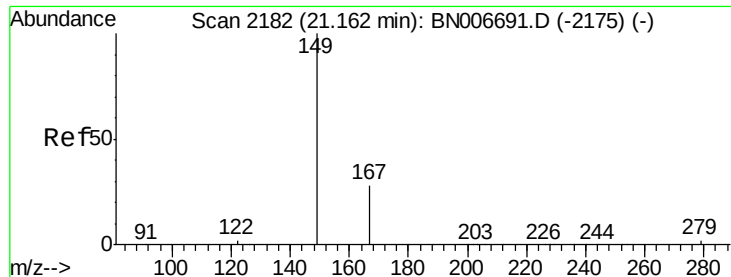
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#31
Chrysene
Concen: 0.031 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BN006721.D
Acq: 05 Jul 2019 18:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.6	24.2	36.2#
229	33.4	15.8	23.6#





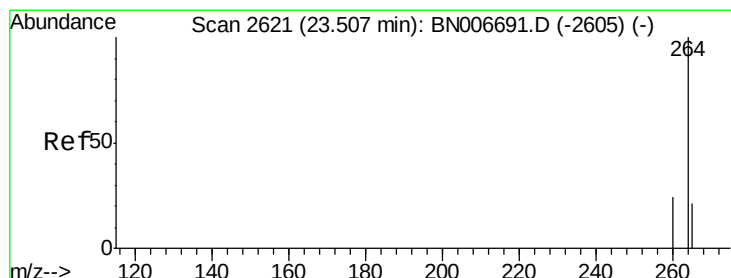
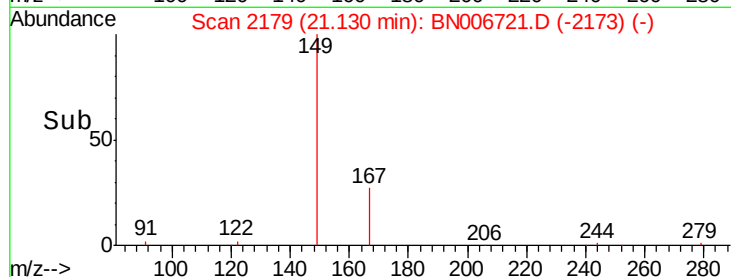
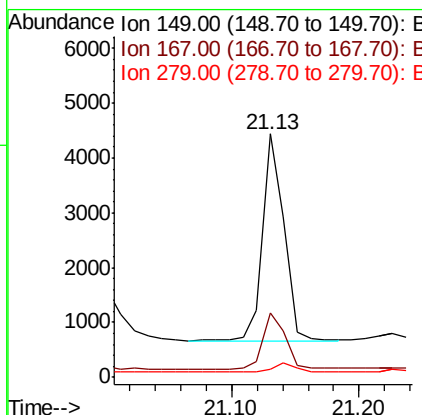
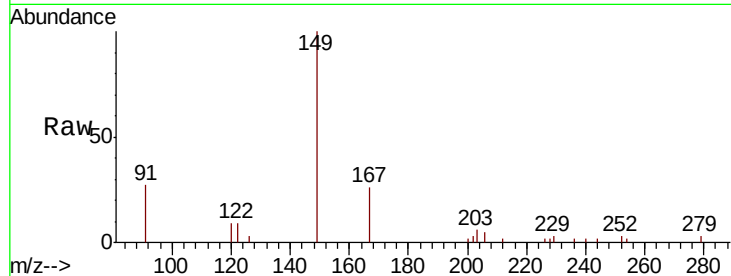
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.029 ng
 RT: 21.13 min Scan# 2179
 Delta R.T. -0.03 min
 Lab File: BN006721.D
 Acq: 05 Jul 2019 18:17

Instrument :
 BNA_N
 ClientSampleId :
 PST-015-B229-062519

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.9	34.3
279	4.6	3.2	4.8

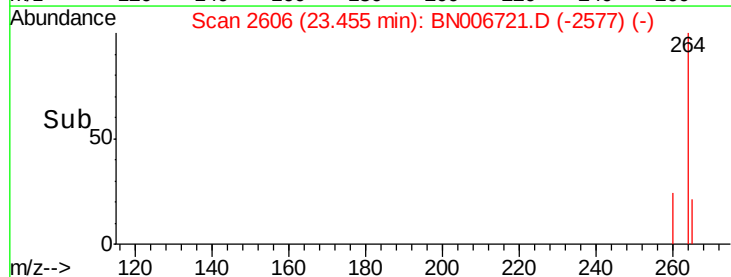
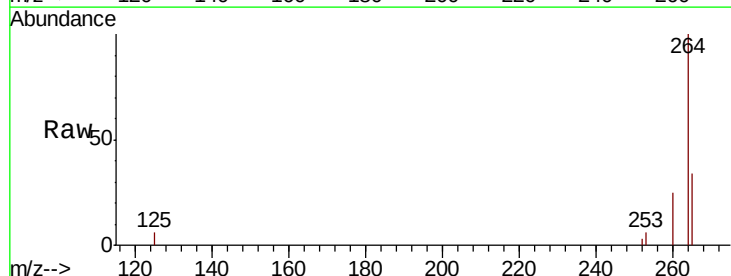
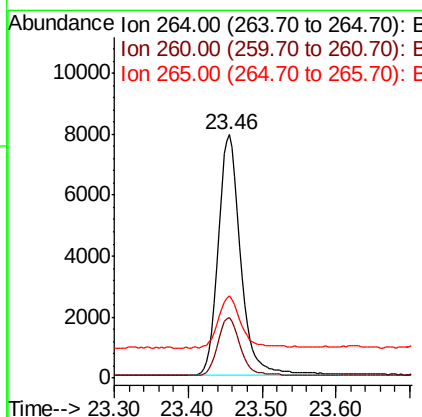
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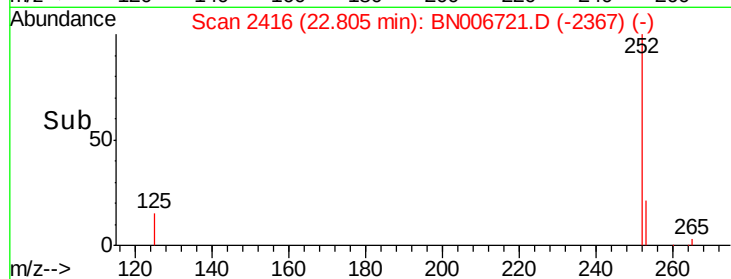
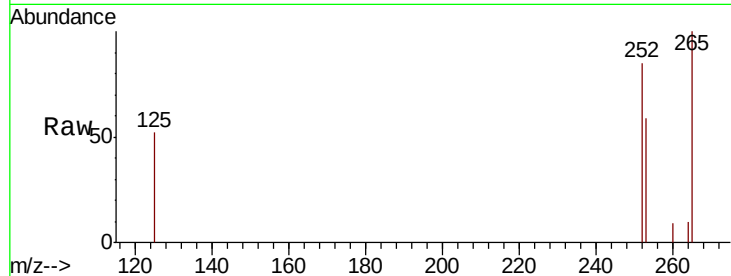
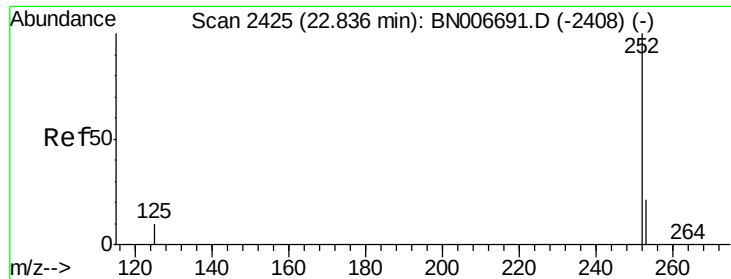
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.46 min Scan# 2606
 Delta R.T. -0.05 min
 Lab File: BN006721.D
 Acq: 05 Jul 2019 18:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.2	30.2
265	33.7	33.7	50.5#





#35

Benzo(b)fluoranthene

Concen: 0.027 ng m

RT: 22.81 min Scan# 2416

Delta R.T. -0.03 min

Lab File: BN006721.D

Acq: 05 Jul 2019 18:17

Instrument :

BNA_N

ClientSampleId :

PST-015-B229-062519

Tot Ion:	252	Resp:	1442
Ion Ratio	Lower	Upper	
252	100		
253	69.2	20.2	30.2#
125	61.3	11.5	17.3#

Manual Integrations
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