

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
 Data File : BN003102.D
 Acq On : 11 Oct 2018 14:45
 Operator : MJ/SJ
 Sample : J5230-08MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z04MSD

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Quant Time: Oct 11 16:57:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 16:42:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1524	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.40	136	6634	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	3877	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	8437	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	6177	0.40	ng/ul	-0.02
20) Perylene-d12	23.43	264	5039	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	2162	0.21	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	5075	0.21	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.45	128	10152	0.596	ng/ul	98
5) 2-Methylnaphthalene	12.07	142	8842	0.754	ng/ul	97
7) Acenaphthylene	13.98	152	21938	1.237	ng/ul	99
8) Acenaphthene	14.32	153	3567	0.265	ng/ul	96
9) Fluorene	15.32	166	1262	0.082	ng/ul#	83
11) Pentachlorophenol	16.71	266	221	0.270	ng/ul	99
12) Phenanthrene	17.06	178	43106	1.833	ng/ul	99
13) Anthracene	17.15	178	16562	0.746	ng/ul	99
15) Fluoranthene	19.08	202	171849	6.228	ng/ul	99
17) Pyrene	19.45	202	154354	6.434	ng/ul	96
18) Benzo(a)anthracene	21.21	228	68988	3.471	ng/ul	99
19) Chrysene	21.26	228	90320	4.475	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	111042m	6.119	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	40138m	2.134	ng/ul	
23) Benzo(a)pyrene	23.34	252	46664	2.869	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.64	276	44800	2.397	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.64	278	12665	0.847	ng/ul	99
26) Benzo(g,h,i)perylene	26.31	276	38054	2.415	ng/ul	94

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

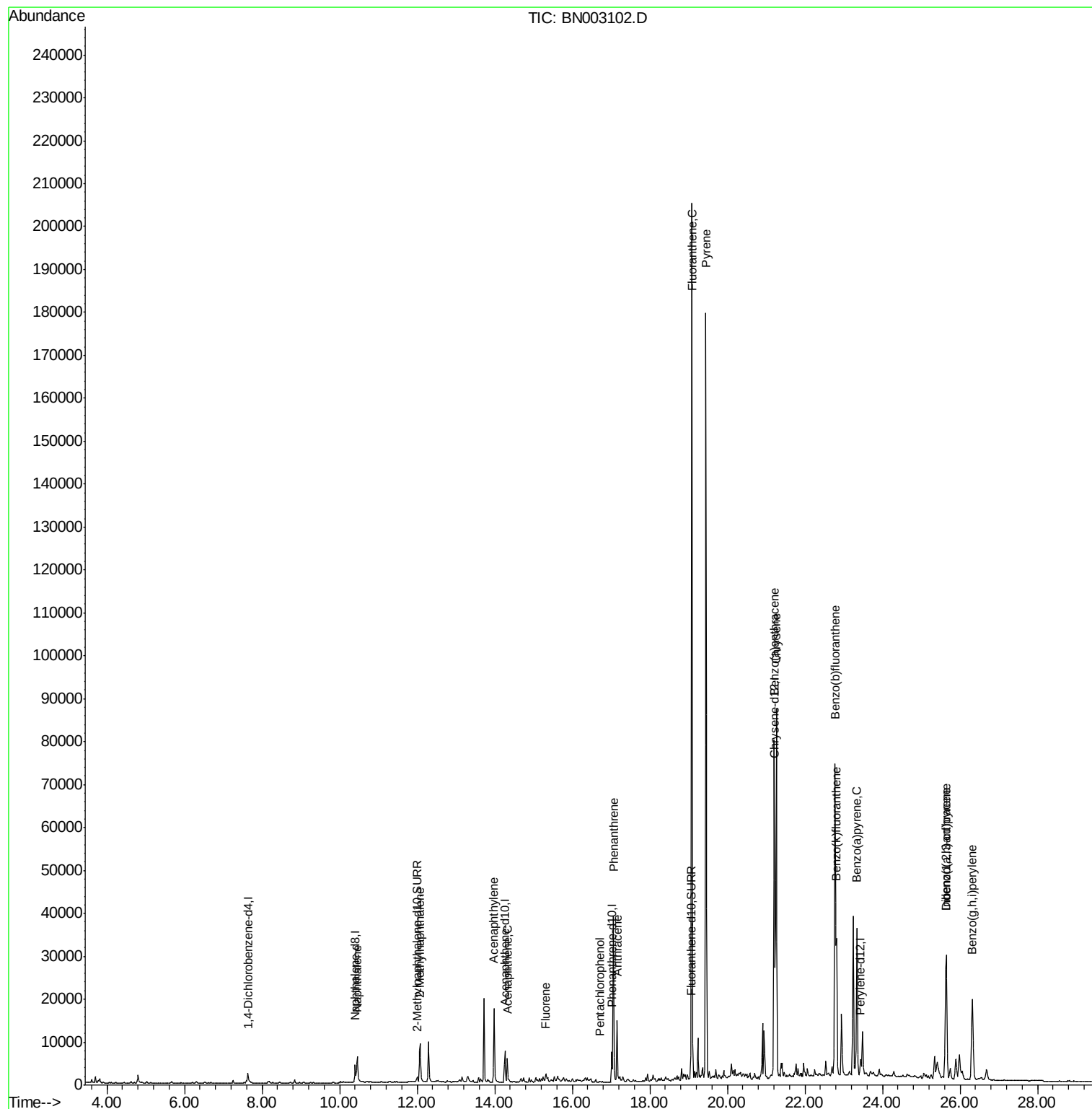
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
Data File : BN003102.D
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Sample : J5230-08MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

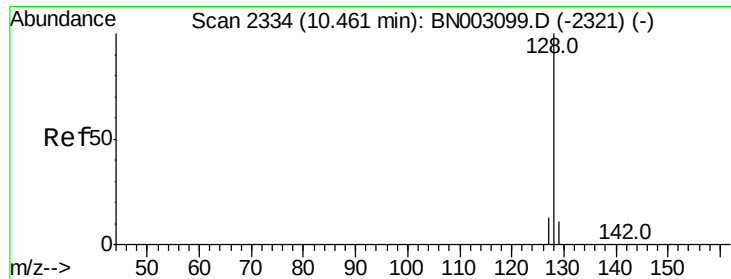
Instrument :
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A3Z04MSD

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Quant Time: Oct 11 16:57:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
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QLast Update : Thu Oct 11 16:42:09 2018
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#3

Naphthalene

Concen: 0.596 ng/ul

RT: 10.45 min Scan# 2332

Delta R.T. -0.01 min

Lab File: BN003102.D

Acq: 11 Oct 2018 14:45

Instrument :

BNA_N

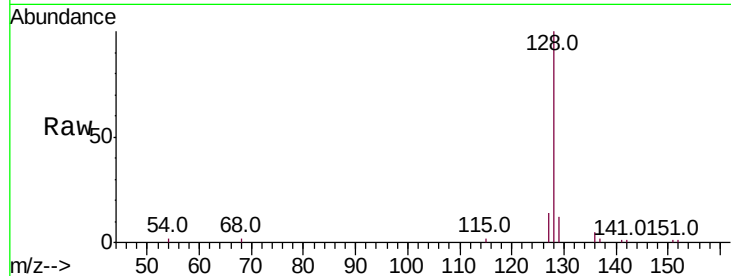
ClientSampleId :

A3Z04MSD

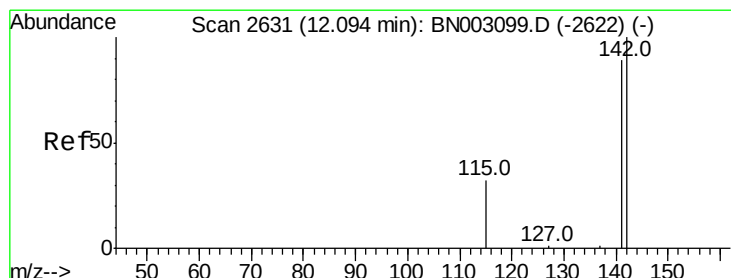
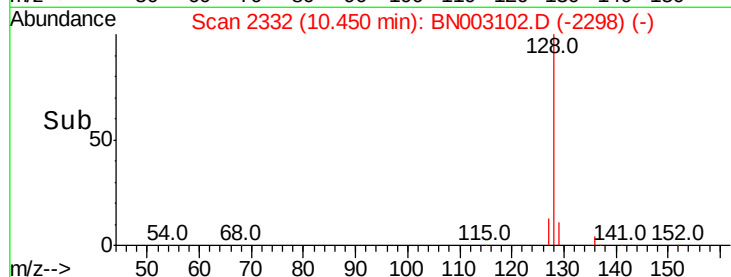
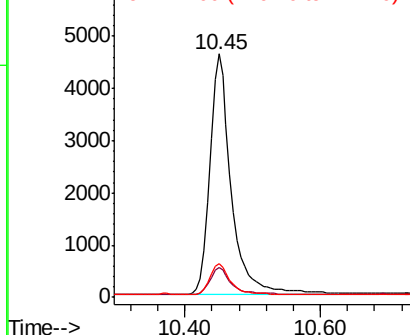
Tot Ion:128	Resp:	10152
Ion Ratio	Lower	Upper
128	100	
129	12.3	10.4 15.6
127	13.9	11.7 17.5

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.754 ng/ul

RT: 12.07 min Scan# 2627

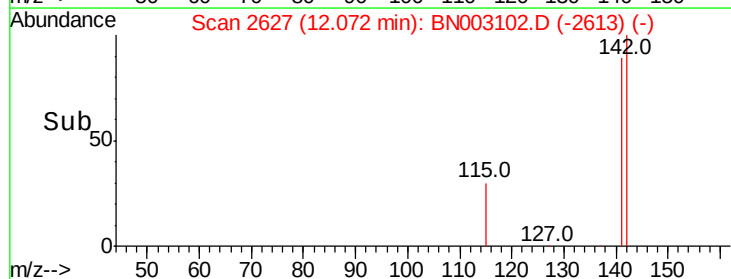
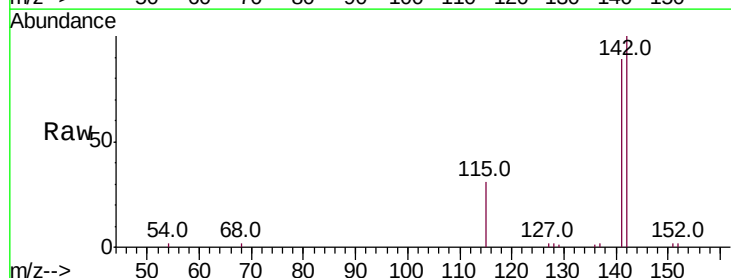
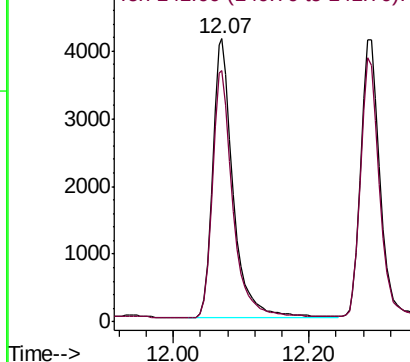
Delta R.T. -0.02 min

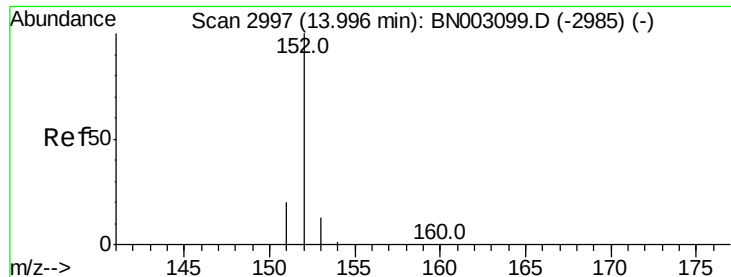
Lab File: BN003102.D

Acq: 11 Oct 2018 14:45

Tgt Ion:142	Resp:	8842
Ion Ratio	Lower	Upper
142	100	
141	89.2	73.4 110.0

Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.237 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003102.D

Acq: 11 Oct 2018 14:45

Instrument :

BNA_N

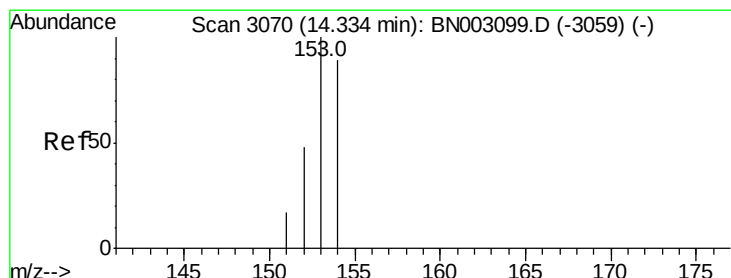
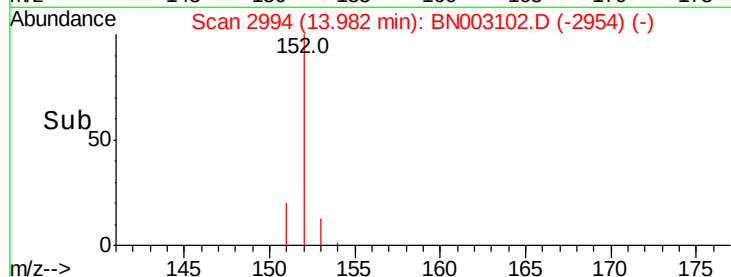
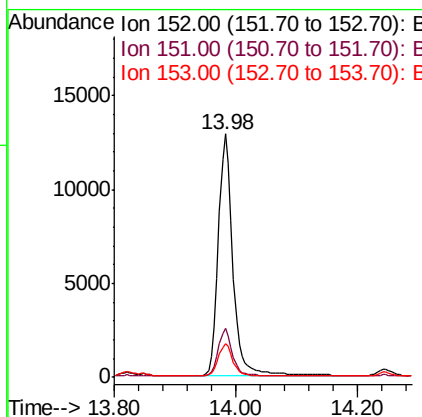
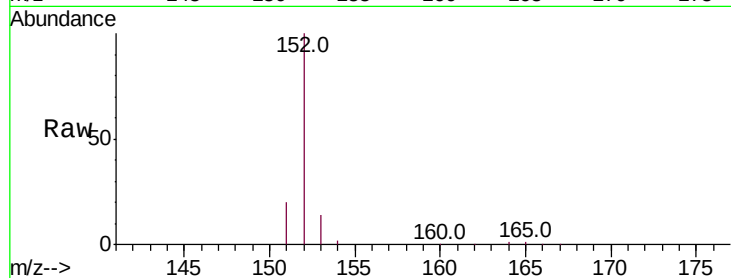
ClientSampleId :

A3Z04MSD

Tot Ion:	152	Resp:	21938
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.5	24.7
153	14.0	11.4	17.2

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#8

Acenaphthene

Concen: 0.265 ng/ul

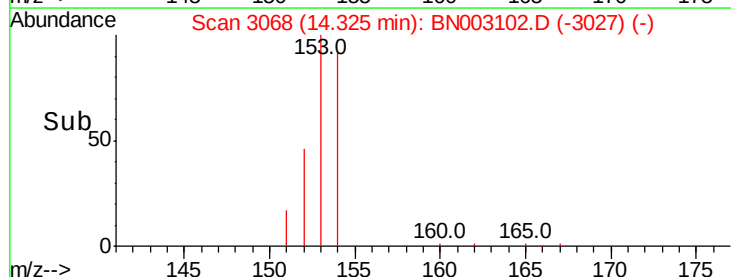
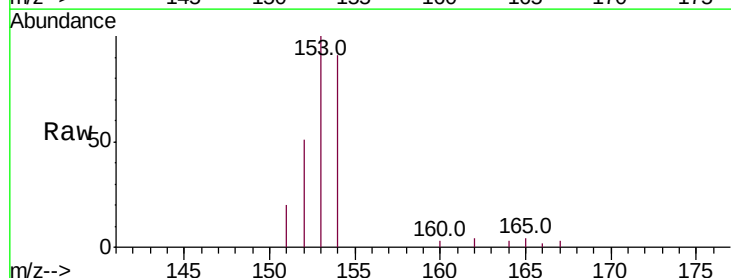
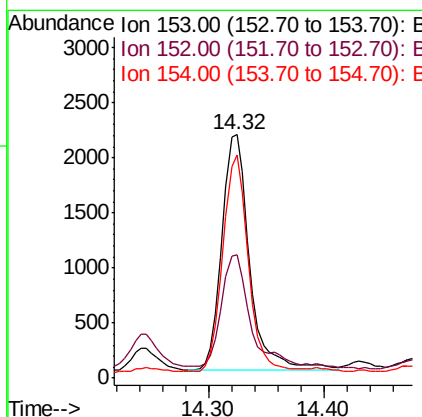
RT: 14.32 min Scan# 3068

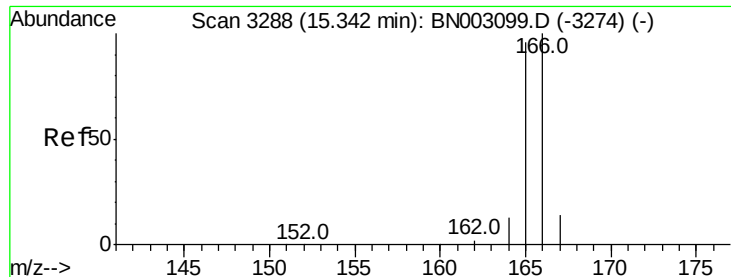
Delta R.T. -0.01 min

Lab File: BN003102.D

Acq: 11 Oct 2018 14:45

Tgt Ion:	153	Resp:	3567
Ion Ratio	Lower	Upper	
153	100		
152	50.6	38.2	57.4
154	91.4	70.2	105.2





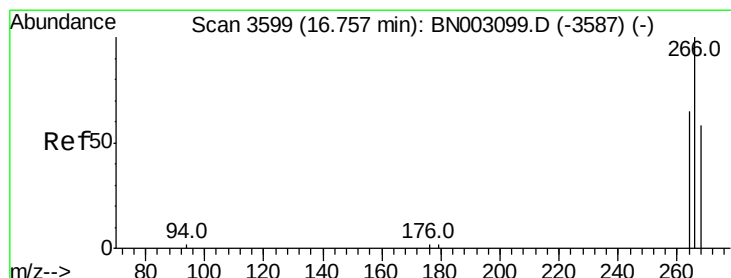
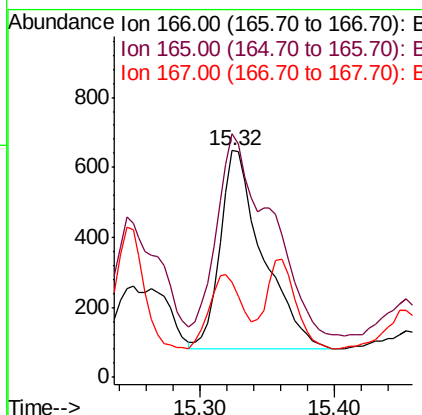
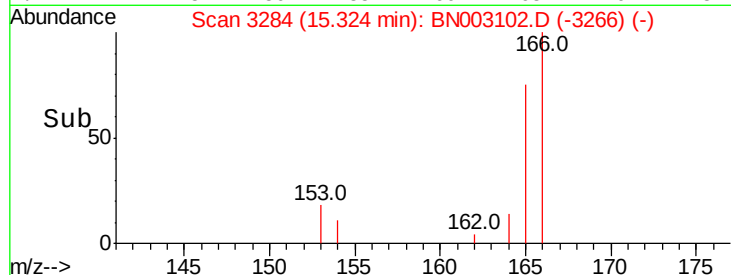
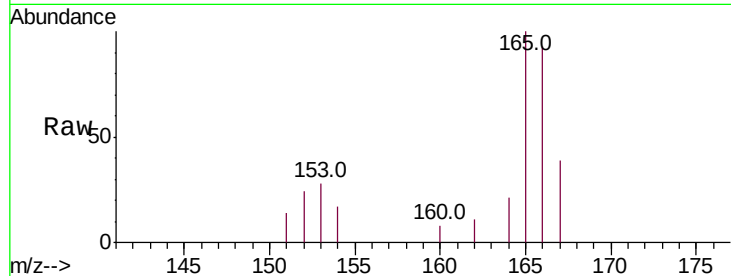
#9
Fluorene
 Concen: 0.082 ng/ul
 RT: 15.32 min Scan# 3284
 Delta R.T. -0.02 min
 Lab File: BN003102.D
 Acq: 11 Oct 2018 14:45

Instrument :
 BNA_N
 ClientSampleId :
 A3Z04MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	107.6	78.5	117.7
167	41.9	11.6	17.4#

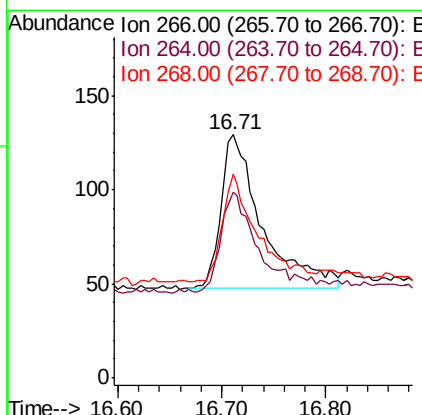
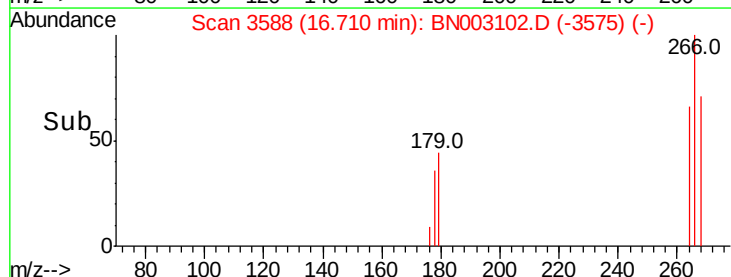
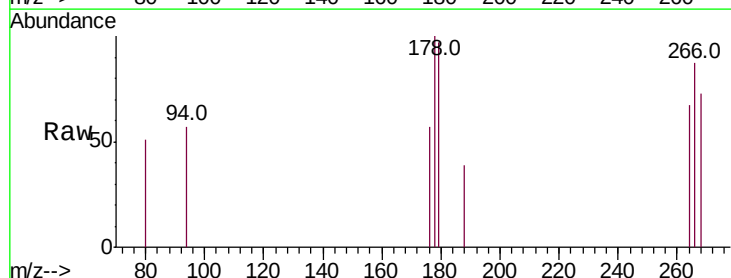
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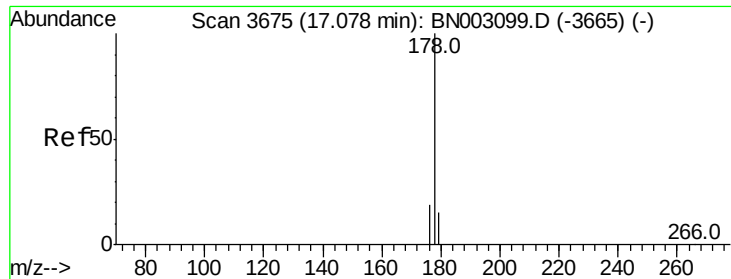
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#11
Pentachlorophenol
 Concen: 0.270 ng/ul
 RT: 16.71 min Scan# 3588
 Delta R.T. -0.05 min
 Lab File: BN003102.D
 Acq: 11 Oct 2018 14:45

Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.6	52.5	78.7
268	61.5	48.6	72.8





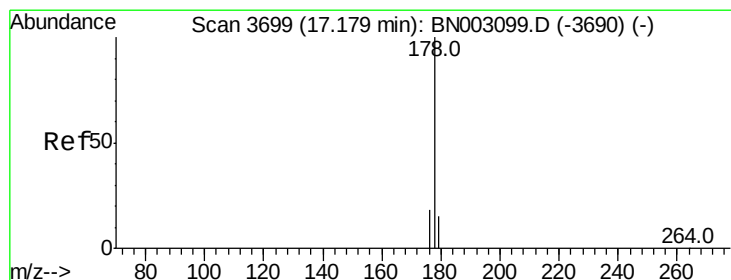
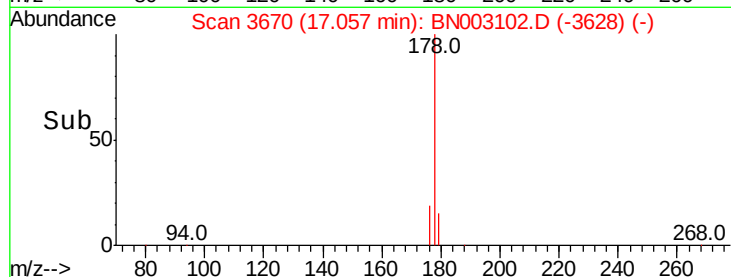
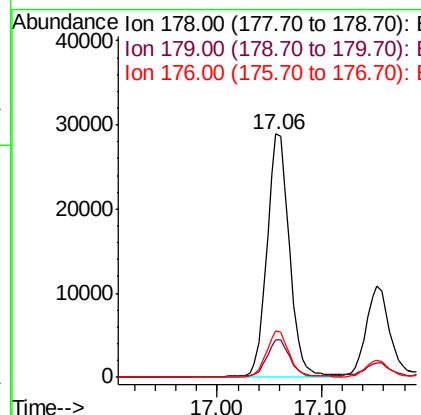
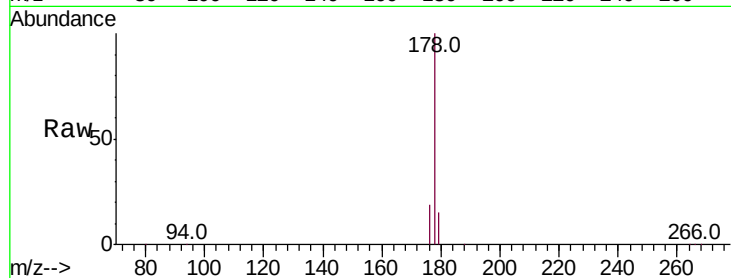
#12
Phenanthrene
Concen: 1.833 ng/ul
RT: 17.06 min Scan# 3670
Delta R.T. -0.02 min
Lab File: BN003102.D
Acq: 11 Oct 2018 14:45

Instrument :
BNA_N
ClientSampleId :
A3Z04MSD

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.9	19.3
176	18.9	15.4	23.2

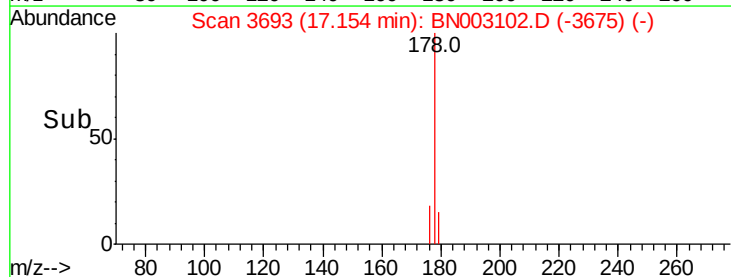
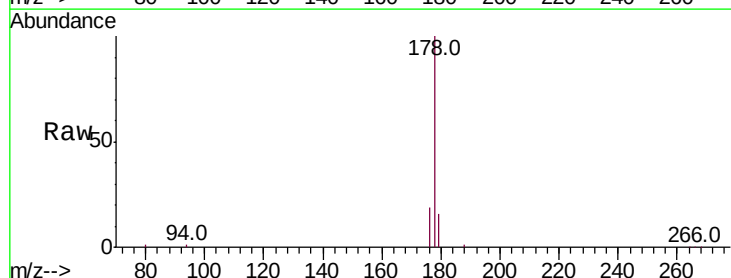
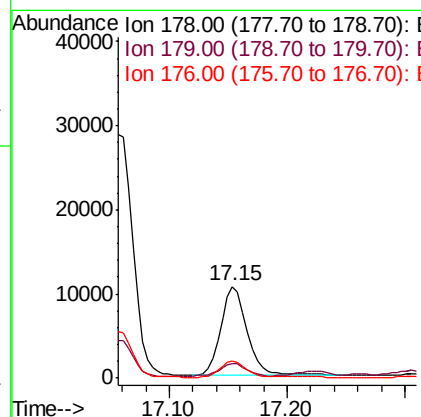
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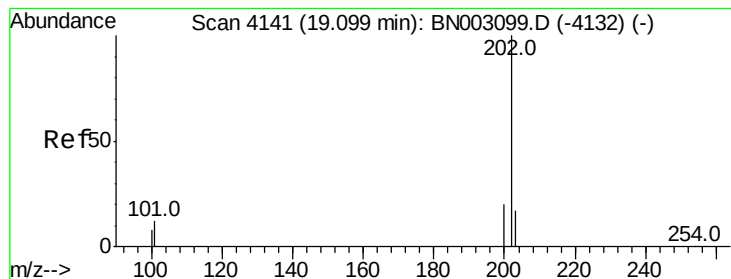
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#13
Anthracene
Concen: 0.746 ng/ul
RT: 17.15 min Scan# 3693
Delta R.T. -0.03 min
Lab File: BN003102.D
Acq: 11 Oct 2018 14:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.0	19.6
176	18.6	15.3	22.9





#15

Fluoranthene

Concen: 6.228 ng/ul

RT: 19.08 min Scan# 4137

Delta R.T. -0.02 min

Lab File: BN003102.D

Acq: 11 Oct 2018 14:45

Instrument :

BNA_N

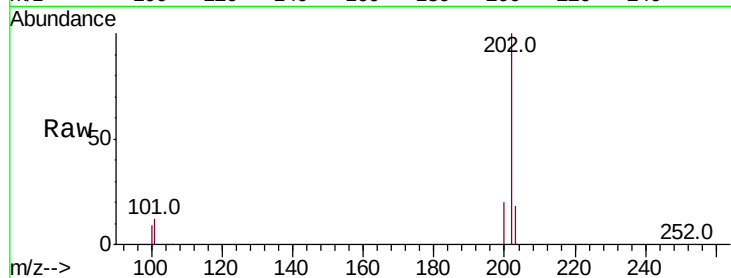
ClientSampleId :

A3Z04MSD

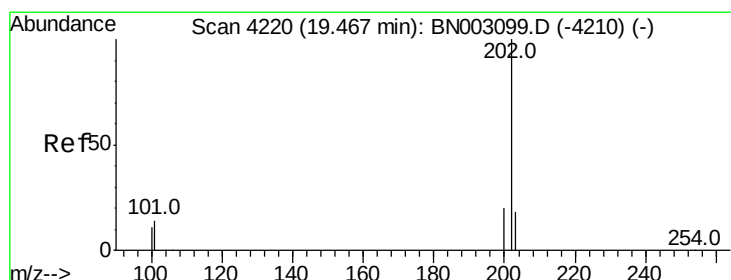
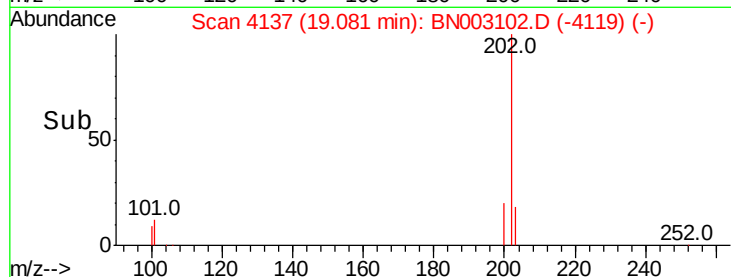
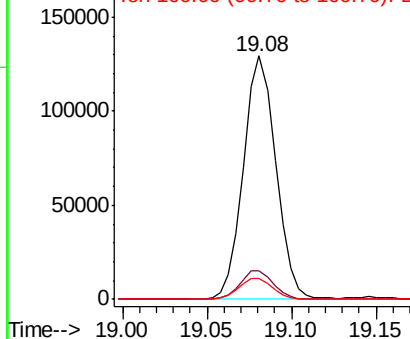
Tot Ion:	202	Resp:	171849
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	32.3
100	8.7	0.0	29.1

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 6.434 ng/ul

RT: 19.45 min Scan# 4216

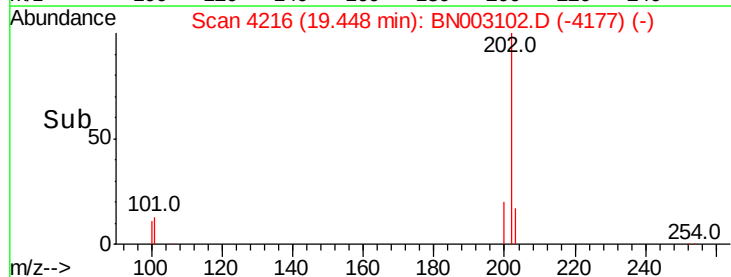
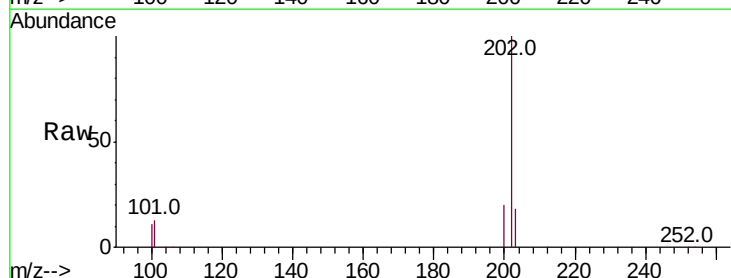
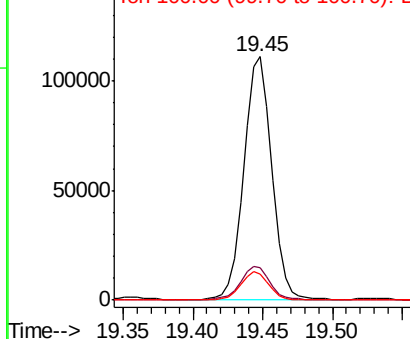
Delta R.T. -0.02 min

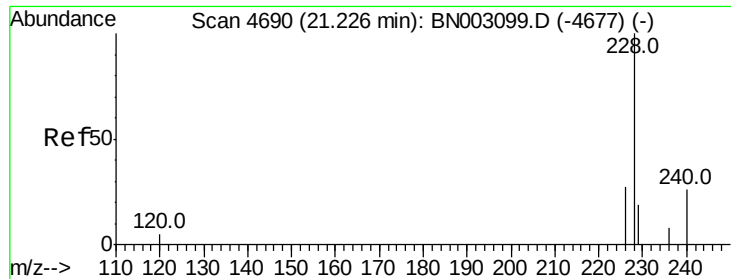
Lab File: BN003102.D

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Tgt Ion:	202	Resp:	154354
Ion Ratio	Lower	Upper	
202	100		
101	13.4	11.9	17.9
100	10.6	9.9	14.9

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





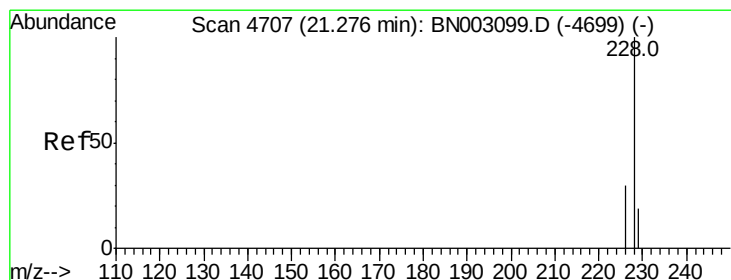
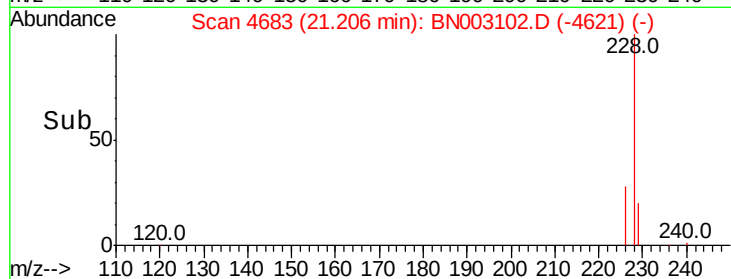
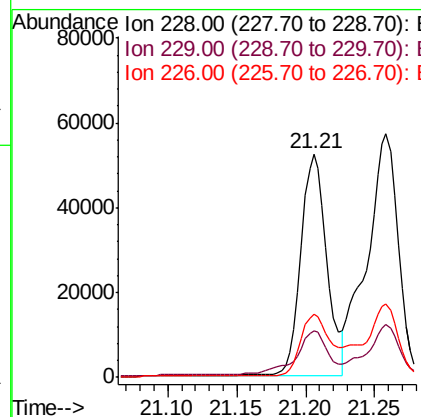
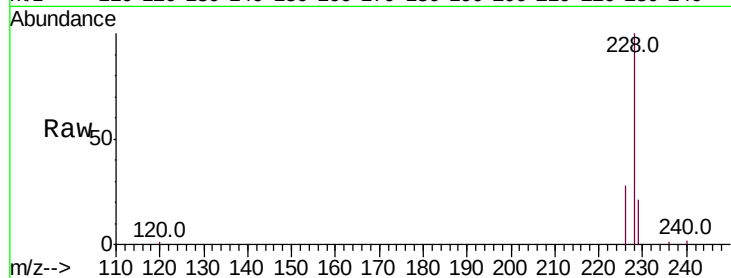
#18
Benzo(a)anthracene
Concen: 3.471 ng/ul
RT: 21.21 min Scan# 4683
Delta R.T. -0.02 min
Lab File: BN003102.D
Acq: 11 Oct 2018 14:45

Instrument :
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ClientSampleId :
A3Z04MSD

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.2	24.2
226	28.4	22.3	33.5

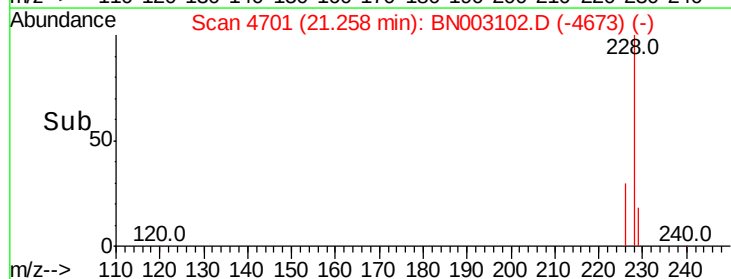
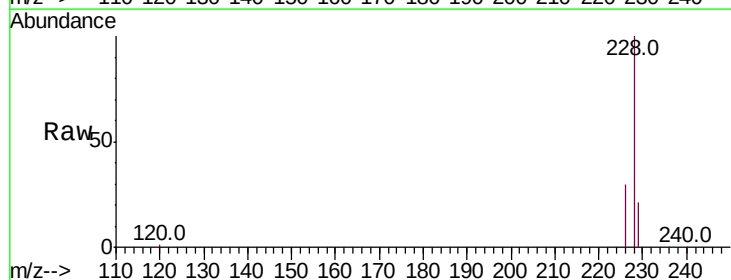
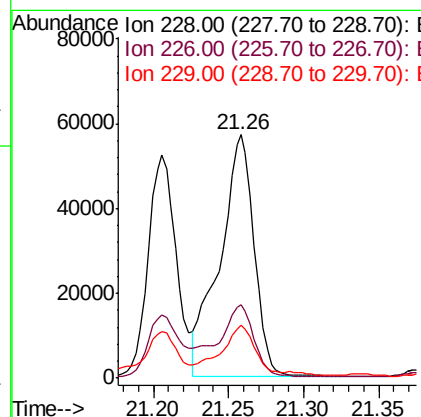
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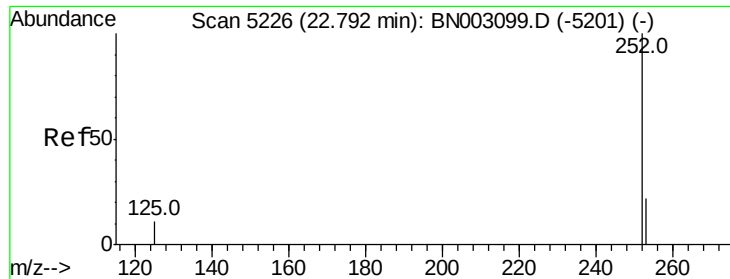
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#19
Chrysene
Concen: 4.475 ng/ul
RT: 21.26 min Scan# 4701
Delta R.T. -0.02 min
Lab File: BN003102.D
Acq: 11 Oct 2018 14:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.4
229	21.5	16.7	25.1





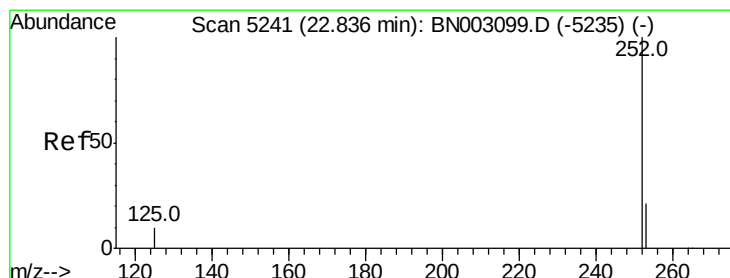
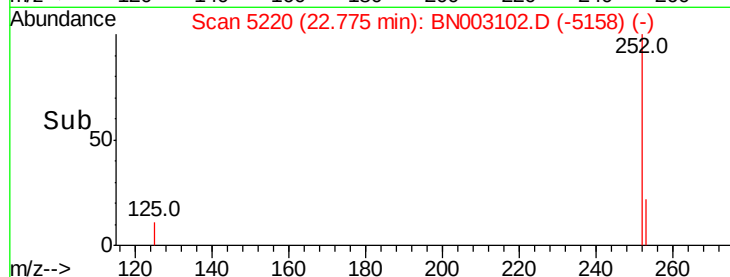
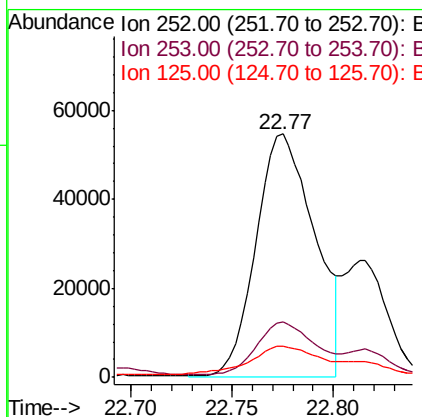
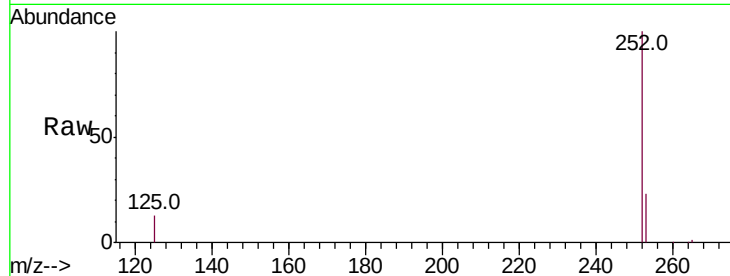
#21
Benzo(b)fluoranthene
Concen: 6.119 ng/ul m
RT: 22.77 min Scan# 5220
Delta R.T. -0.02 min
Lab File: BN003102.D
Acq: 11 Oct 2018 14:45

Instrument :
BNA_N
ClientSampleId :
A3Z04MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.5	0.0	53.2
125	12.7	0.0	34.2

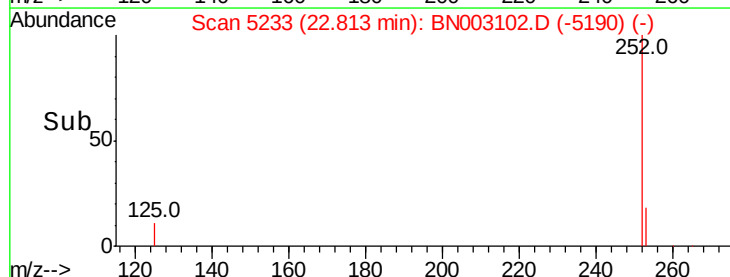
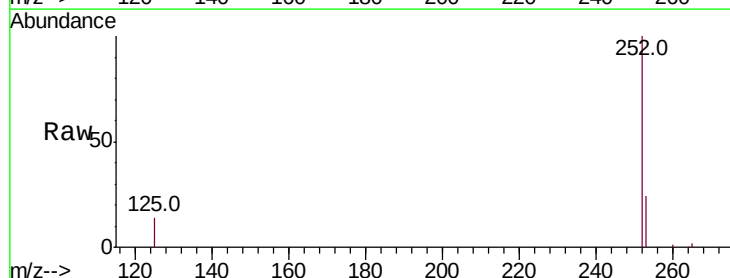
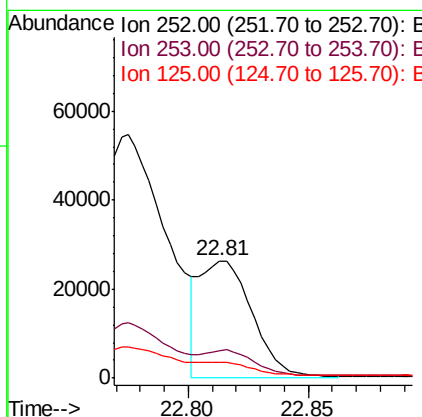
Manual Integrations
APPROVED

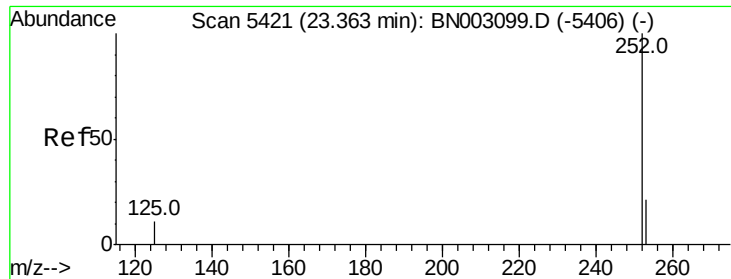
Sohil
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#22
Benzo(k)fluoranthene
Concen: 2.134 ng/ul m
RT: 22.81 min Scan# 5233
Delta R.T. -0.02 min
Lab File: BN003102.D
Acq: 11 Oct 2018 14:45

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.5	21.3	31.9
125	13.7	14.1	21.1#





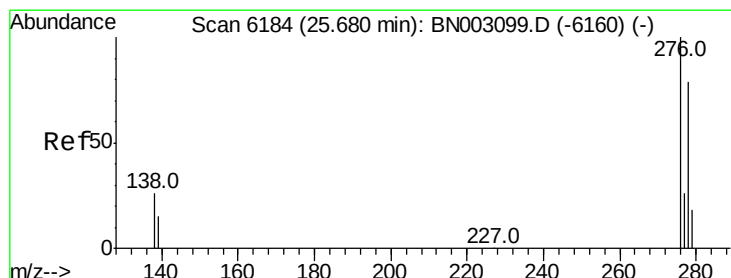
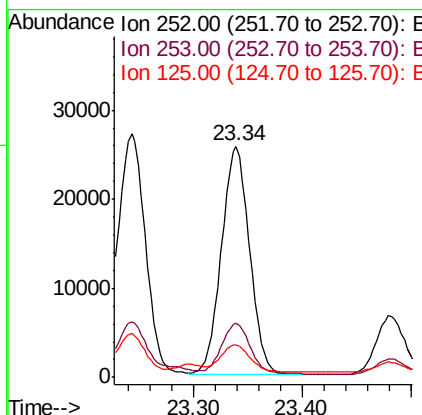
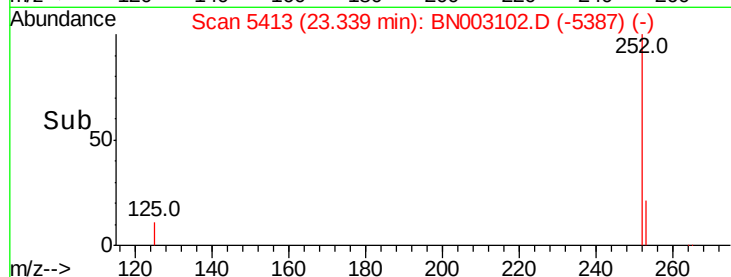
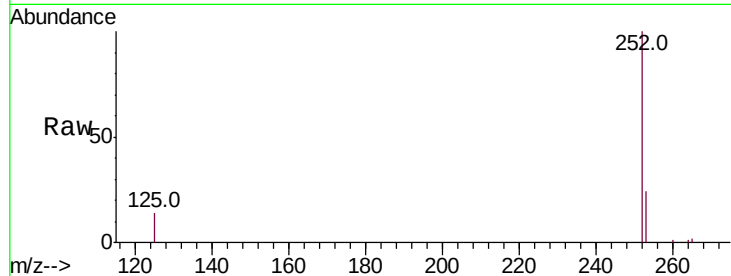
#23
Benzo(a)pyrene
Concen: 2.869 ng/ul
RT: 23.34 min Scan# 5413
Delta R.T. -0.02 min
Lab File: BN003102.D
Acq: 11 Oct 2018 14:45

Instrument :
BNA_N
ClientSampleId :
A3Z04MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	23.1	34.7
125	14.1	16.9	25.3

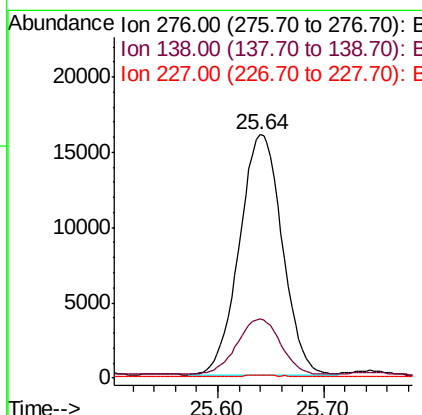
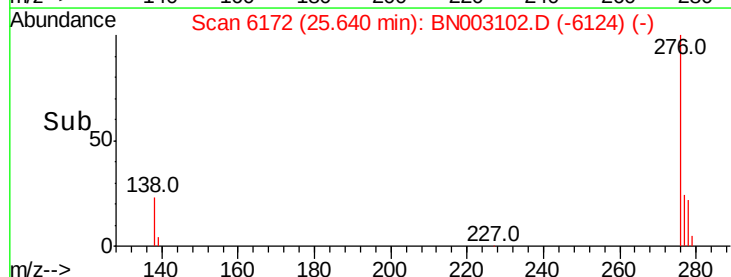
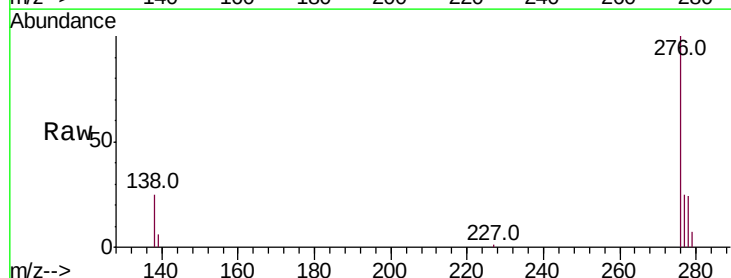
Manual Integrations
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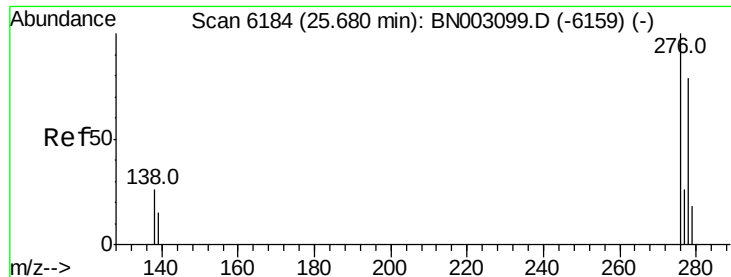
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#24
Indeno(1,2,3-cd)pyrene
Concen: 2.397 ng/ul
RT: 25.64 min Scan# 6172
Delta R.T. -0.04 min
Lab File: BN003102.D
Acq: 11 Oct 2018 14:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	21.5	32.3
227	0.2	0.3	0.5





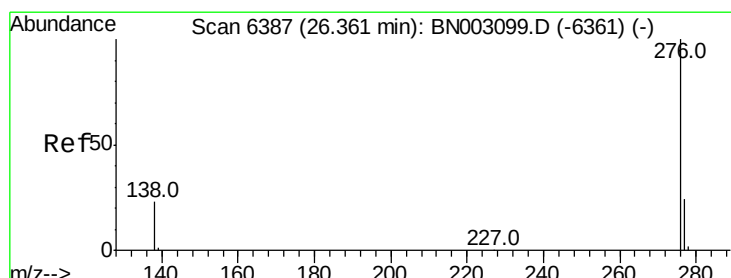
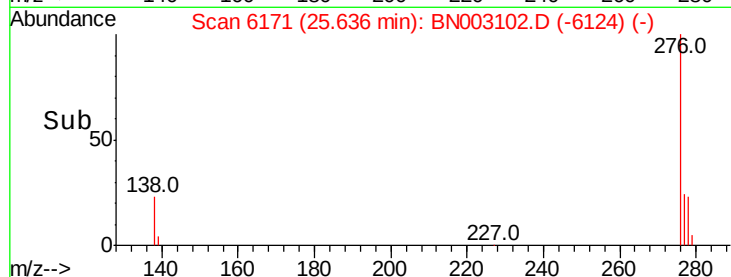
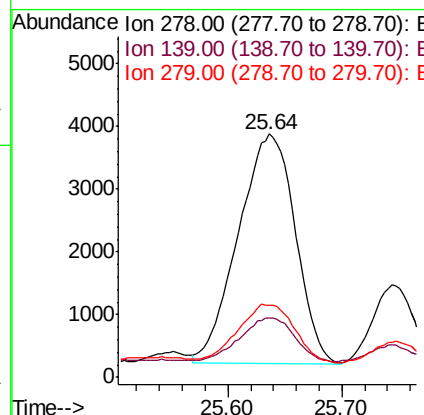
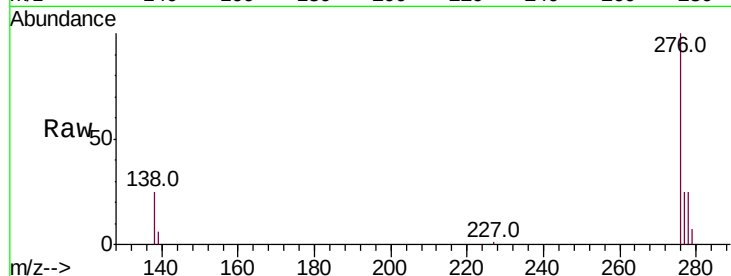
#25
Dibenzo(a,h)anthracene
Concen: 0.847 ng/ul
RT: 25.64 min Scan# 6171
Delta R.T. -0.04 min
Lab File: BN003102.D
Acq: 11 Oct 2018 14:45

Instrument :
BNA_N
ClientSampleId :
A3Z04MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	24.5	20.2	30.4
279	29.4	23.8	35.8

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 2.415 ng/ul
RT: 26.31 min Scan# 6373
Delta R.T. -0.05 min
Lab File: BN003102.D
Acq: 11 Oct 2018 14:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	23.0	34.4
277	24.6	22.0	33.0

