

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081019\
 Data File : BN007068.D
 Acq On : 11 Aug 2019 03:12
 Operator : HP/JU
 Sample : K4239-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-013-B209-080519

Manual Integrations
 APPROVED

mohammad
 8/14/2019 2:56:44 AM

Quant Time: Aug 12 05:17:18 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Aug 10 21:44:50 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	8630	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	33019	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	18853	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	46312	0.40	ng	0.00
26) Chrysene-d12	21.05	240	47881	0.40	ng	-0.01
32) Perylene-d12	23.15	264	53155	0.40	ng	-0.02

System Monitoring Compounds

3) 2-Fluorophenol	5.06	112	7209	0.35	ng	0.00
4) Phenol-d6	6.61	99	9728	0.38	ng	0.00
7) Nitrobenzene-d5	8.56	82	7502	0.28	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	16289	0.26	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	2511	0.25	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	6168	0.23	ng	0.00
24) Fluoranthene-d10	18.87	212	36639	0.22	ng	0.00
28) Terphenyl-d14	19.49	244	26903	0.21	ng	-0.01

Target Compounds

						Qvalue
22) Phenanthrene	16.87	178	8298	0.060	ng	98
25) Fluoranthene	18.90	202	16160	0.091	ng	99
27) Pyrene	19.26	202	18123	0.108	ng	97
29) Benzo(a)anthracene	21.02	228	10113	0.058	ng	# 88
30) Chrysene	21.08	228	11104m	0.065	ng	
31) Indeno(1,2,3-cd)pyrene	25.23	276	6438	0.034	ng	97
33) Benzo(b)fluoranthene	22.53	252	14087	0.077	ng	# 79
35) Benzo(a)pyrene	23.06	252	9370	0.057	ng	# 78
37) Benzo(g,h,i)perylene	25.85	276	6637	0.039	ng	# 81

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

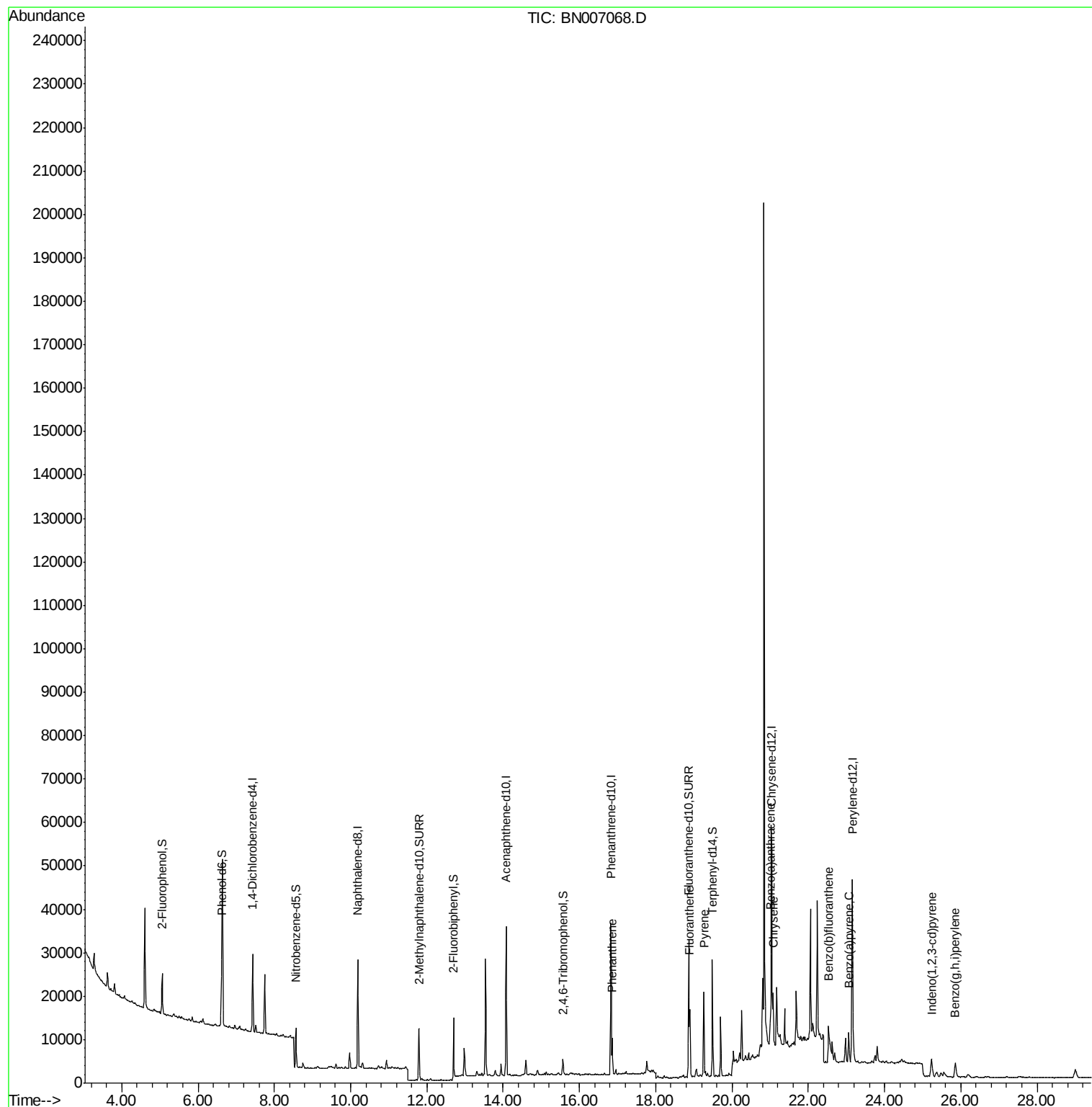
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081019\
Data File : BN007068.D
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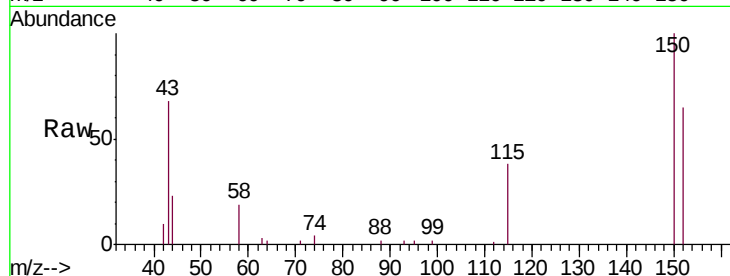




#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007068.D
Acq: 11 Aug 2019 03:12

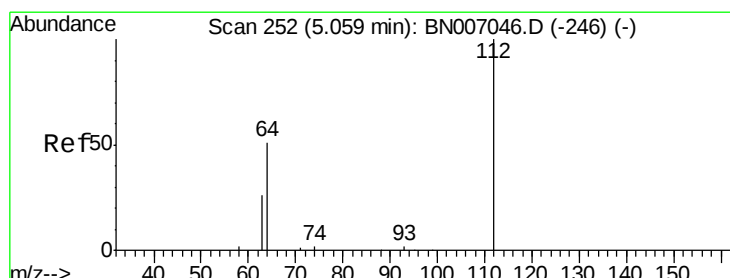
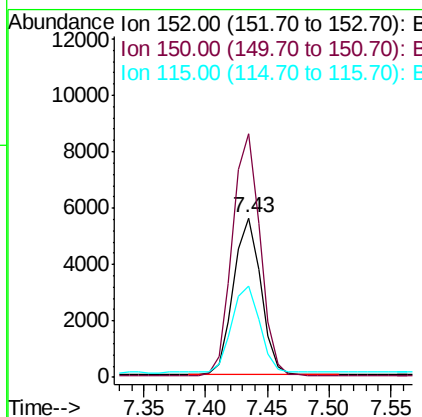
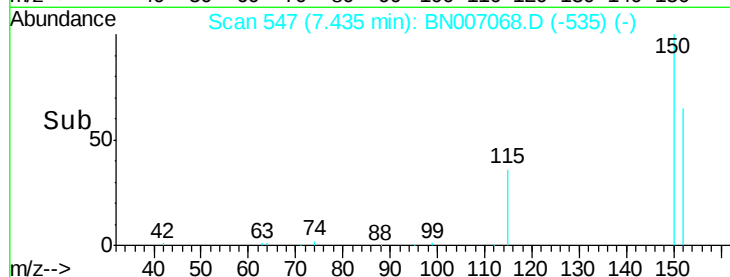
Instrument :
BNA_N
ClientSampleId :
PST-013-B209-080519



Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.7	121.7	182.5
115	57.3	46.2	69.4

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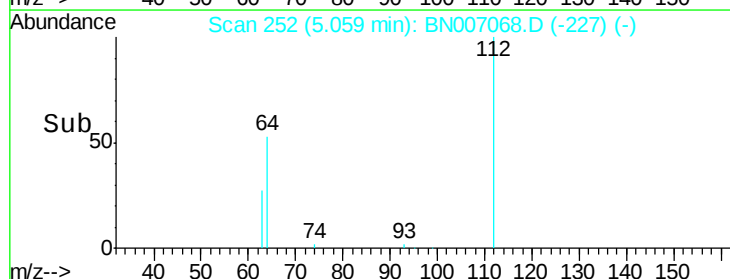
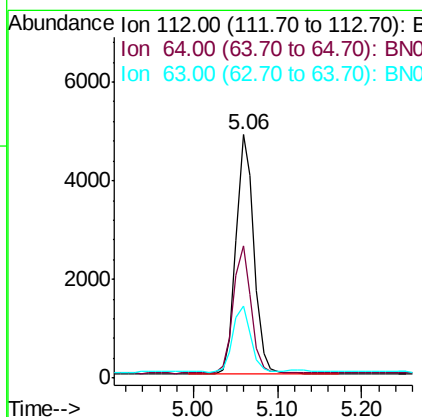
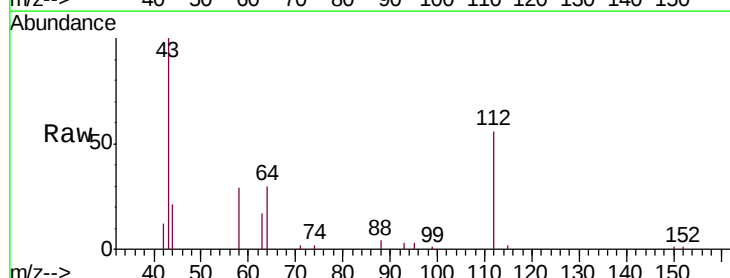
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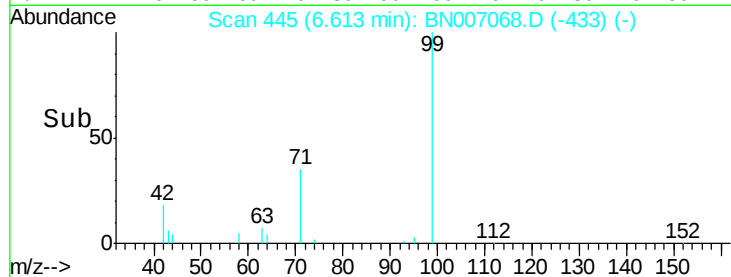
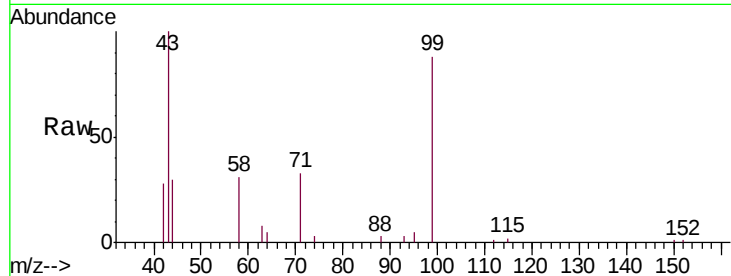
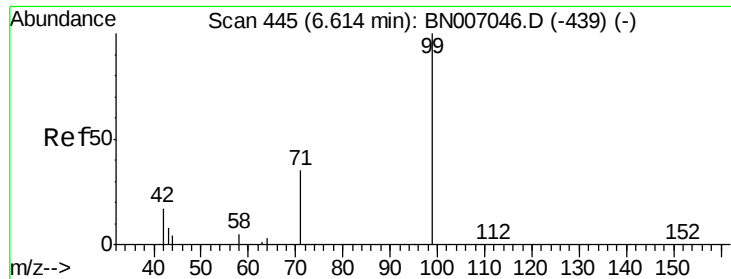


#3

2-Fluorophenol
Concen: 0.348 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007068.D
Acq: 11 Aug 2019 03:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.4	42.6	63.8
63	27.7	22.2	33.2





#4

Phenol-d6

Concen: 0.379 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007068.D

Acq: 11 Aug 2019 03:12

Tgt Ion:	99	Resp:	9728
Ion Ratio	Lower	Upper	
99	100		
42	0.0	15.8	23.6#
71	34.5	27.0	40.4

Instrument :

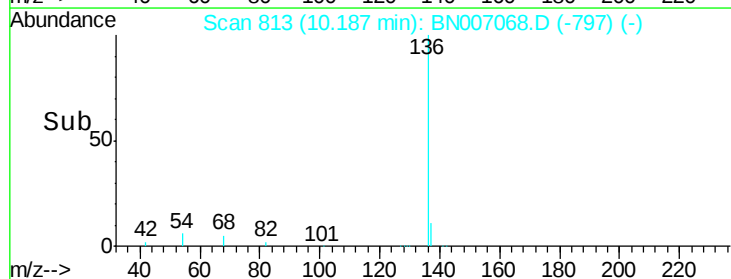
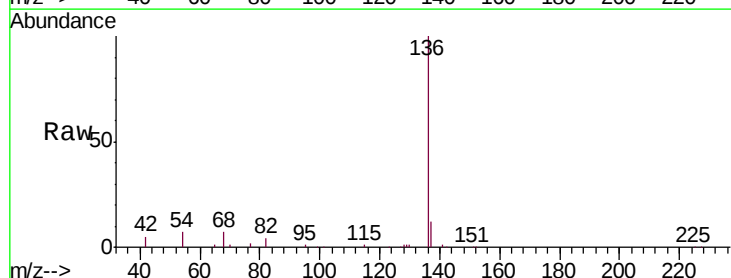
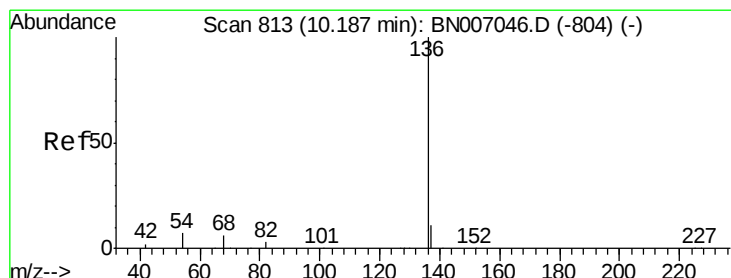
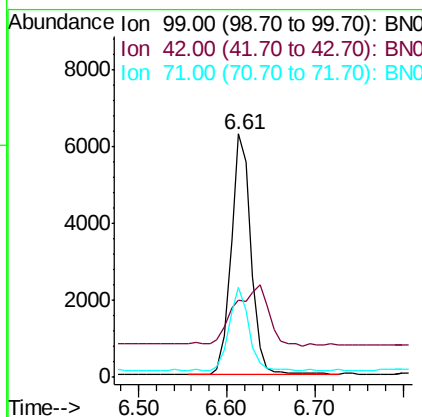
BNA_N

ClientSampleId :

PST-013-B209-080519

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#6

Naphthalene-d8

Concen: 0.400 ng

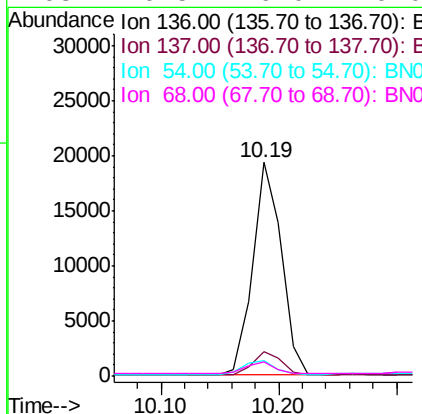
RT: 10.19 min Scan# 813

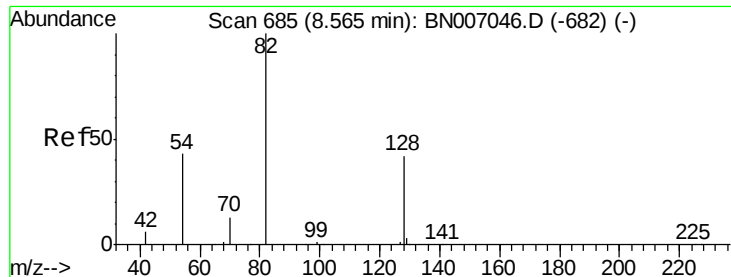
Delta R.T. -0.00 min

Lab File: BN007068.D

Acq: 11 Aug 2019 03:12

Tgt Ion:	136	Resp:	33019
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.4	14.0
54	7.0	6.6	9.8
68	6.5	6.0	9.0





#7

Nitrobenzene-d5

Concen: 0.282 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007068.D

Acq: 11 Aug 2019 03:12

Instrument :

BNA_N

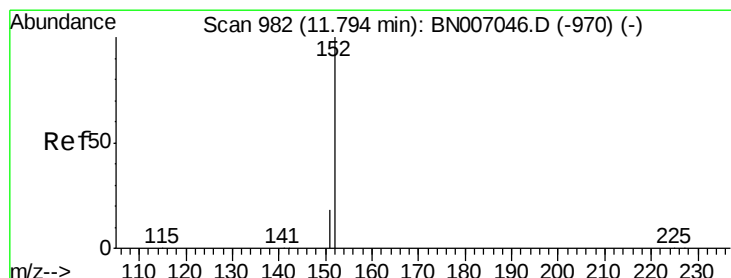
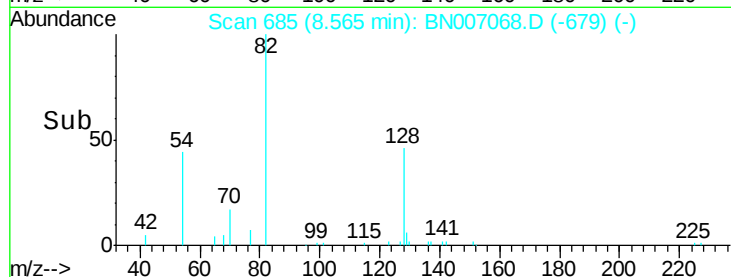
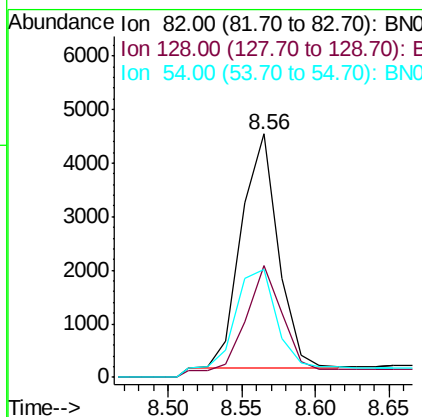
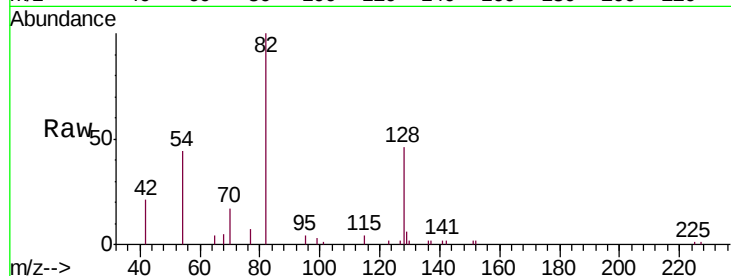
ClientSampleId :

PST-013-B209-080519

Tgt Ion:	82	Resp:	7502
Ion Ratio	Lower	Upper	
82	100		
128	46.0	34.6	51.8
54	44.1	36.2	54.4

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#10

2-Methylnaphthalene-d10

Concen: 0.265 ng

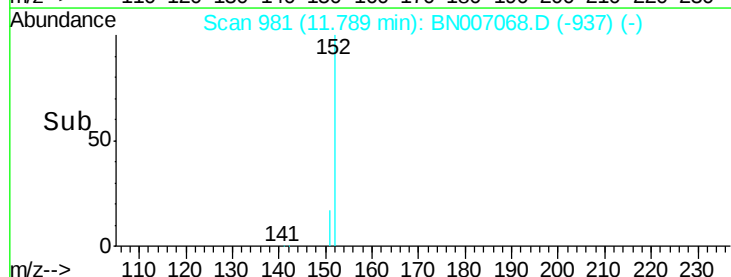
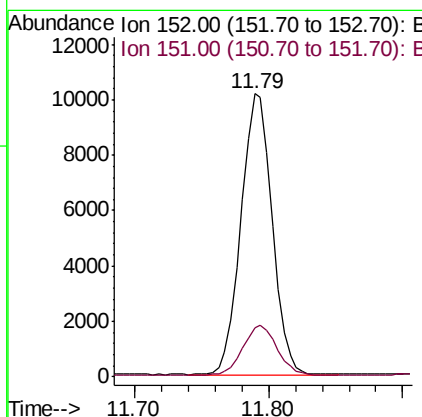
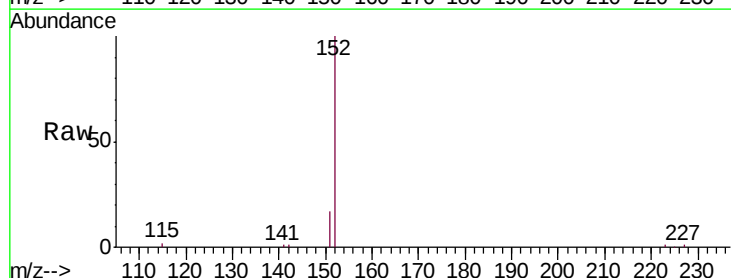
RT: 11.79 min Scan# 981

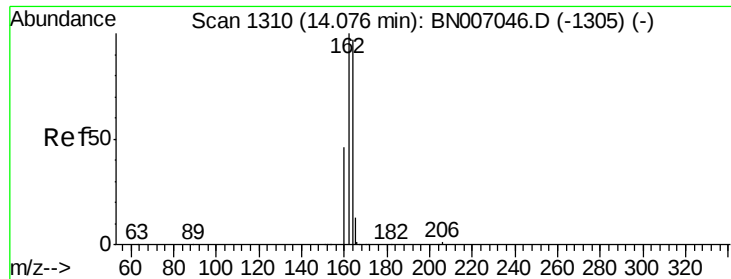
Delta R.T. -0.00 min

Lab File: BN007068.D

Acq: 11 Aug 2019 03:12

Tgt Ion:	152	Resp:	16289
Ion Ratio	Lower	Upper	
152	100		
151	19.2	15.5	23.3





#12

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.08 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BN007068.D

Acq: 11 Aug 2019 03:12

Instrument :

BNA_N

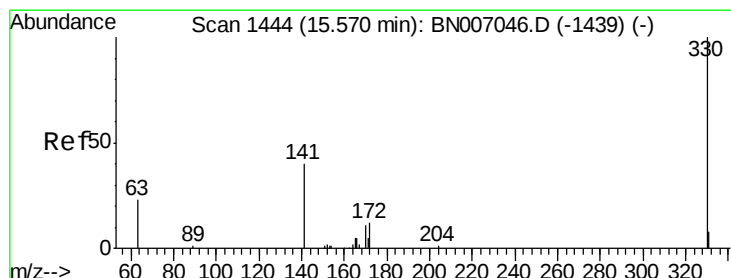
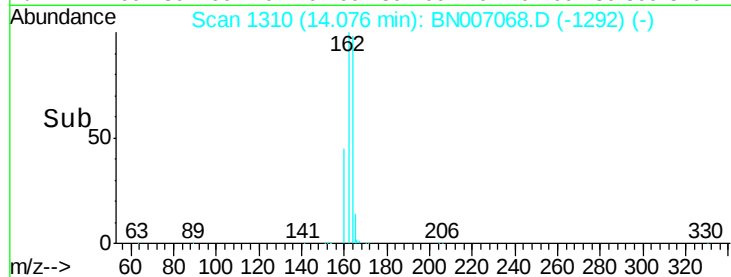
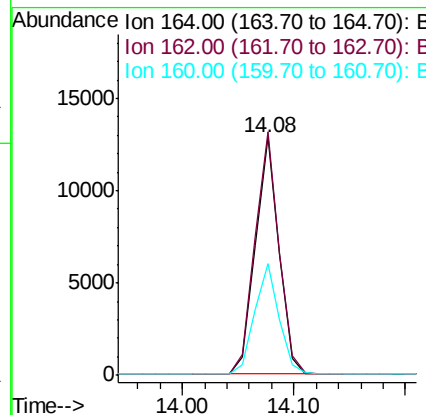
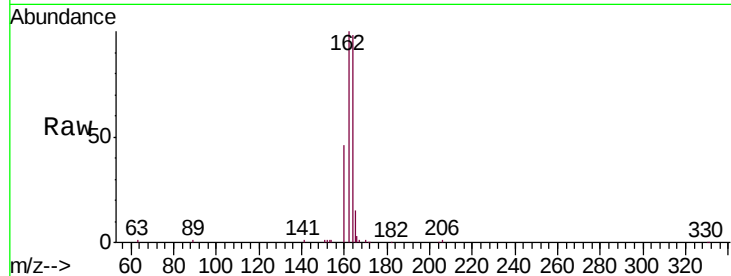
ClientSampleId :

PST-013-B209-080519

Tgt Ion:	164	Resp:	18853
Ion Ratio	Lower	Upper	
164	100		
162	102.3	82.2	123.4
160	46.8	38.3	57.5

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#13

2,4,6-Tribromophenol

Concen: 0.247 ng

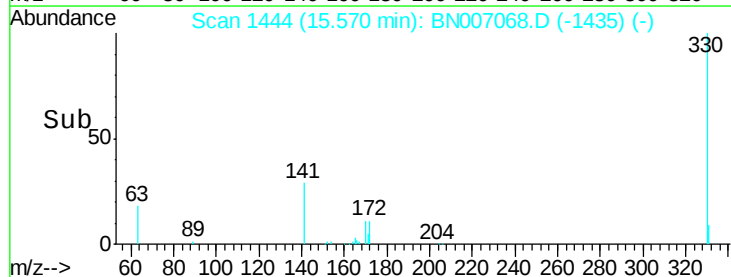
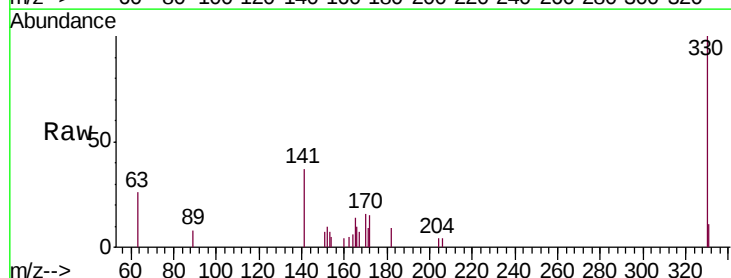
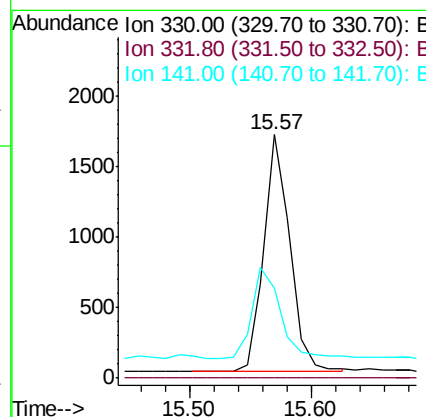
RT: 15.57 min Scan# 1444

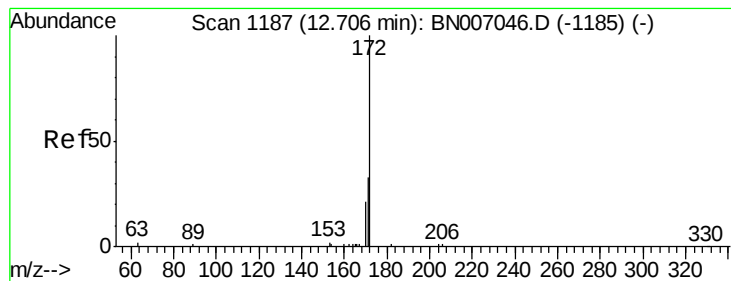
Delta R.T. -0.00 min

Lab File: BN007068.D

Acq: 11 Aug 2019 03:12

Tgt Ion:	330	Resp:	2511
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	42.1	33.6	50.4





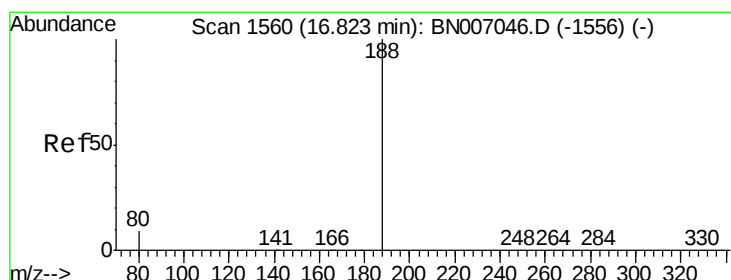
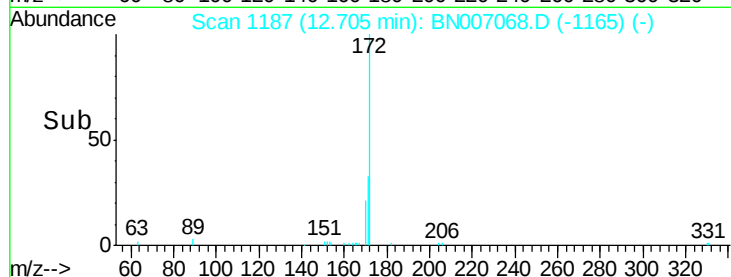
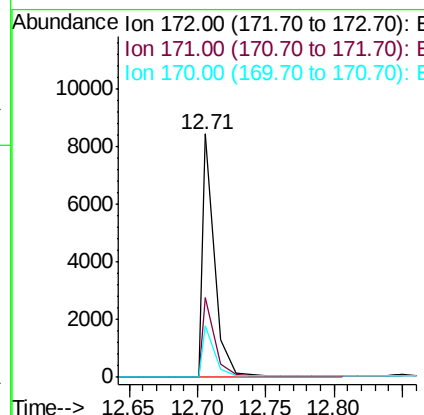
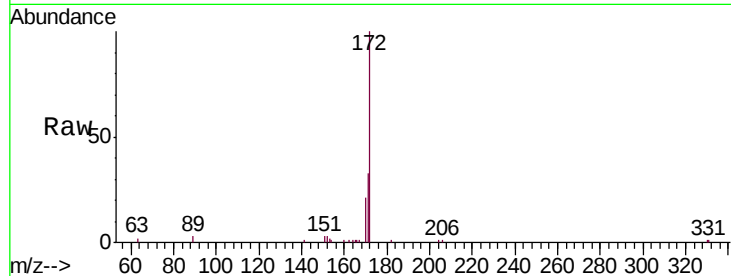
#14
 2-Fluorobiphenyl
 Concen: 0.225 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007068.D
 Acq: 11 Aug 2019 03:12

Instrument :
 BNA_N
 ClientSampleId :
 PST-013-B209-080519

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.0	26.3	39.5
170	21.0	17.0	25.4

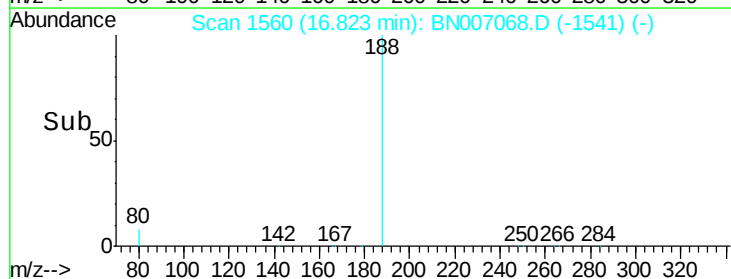
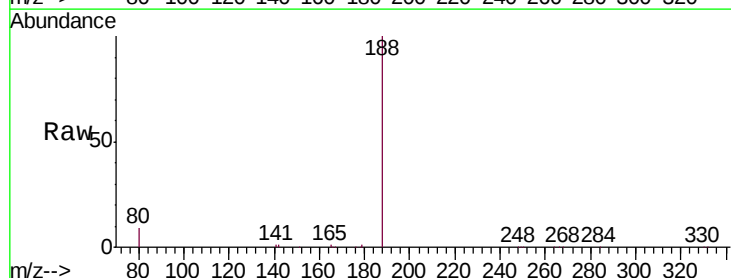
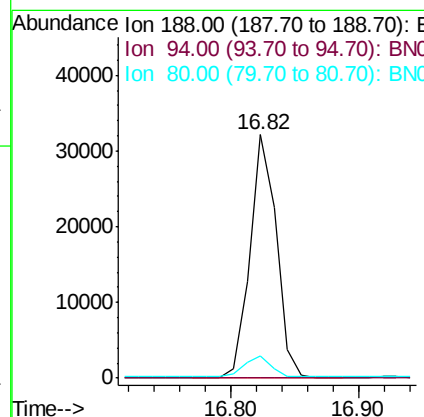
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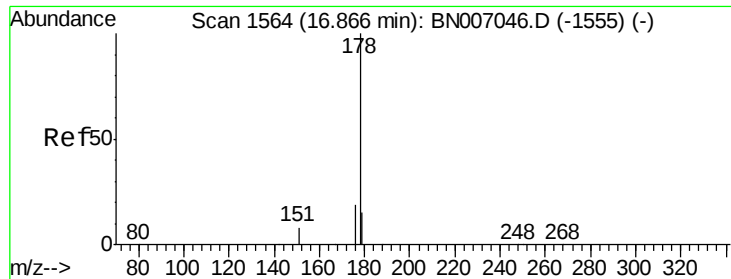
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#18
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.82 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BN007068.D
 Acq: 11 Aug 2019 03:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	7.8	11.6





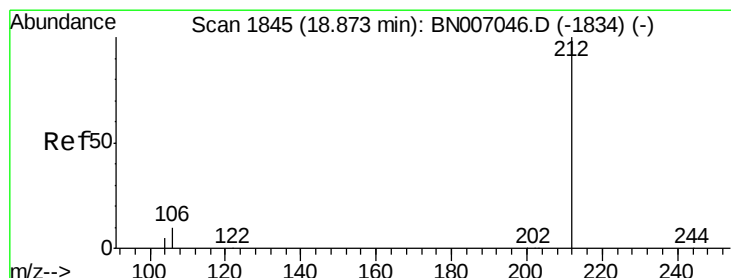
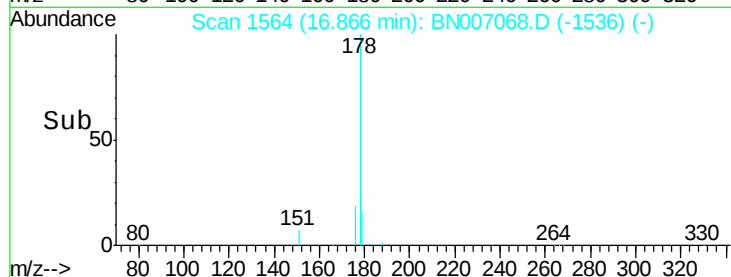
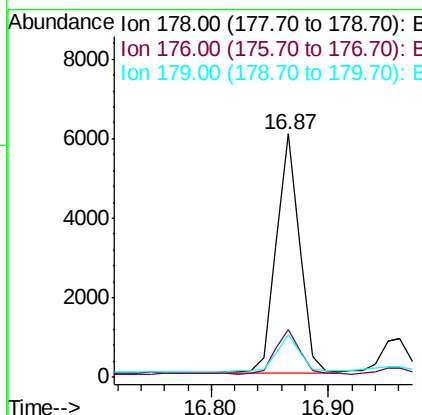
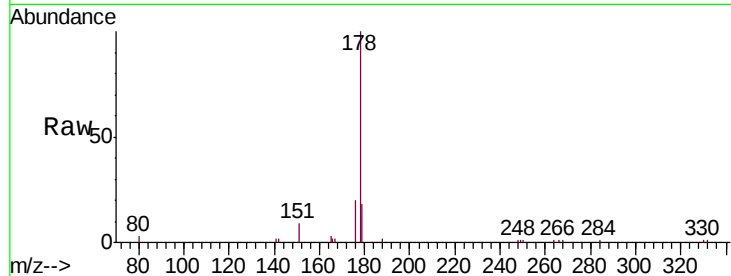
#22
Phenanthrene
Concen: 0.060 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007068.D
Acq: 11 Aug 2019 03:12

Instrument :
BNA_N
ClientSampleId :
PST-013-B209-080519

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	17.3	12.3	18.5

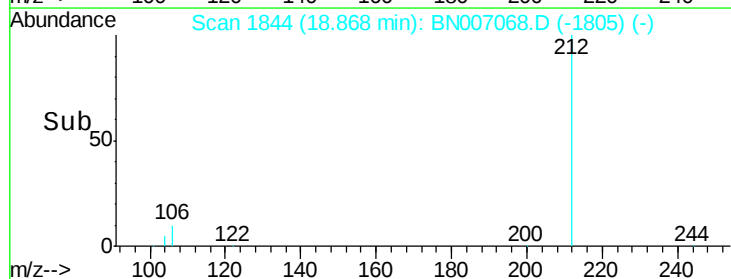
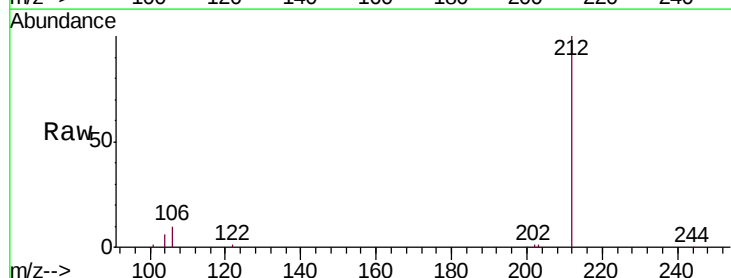
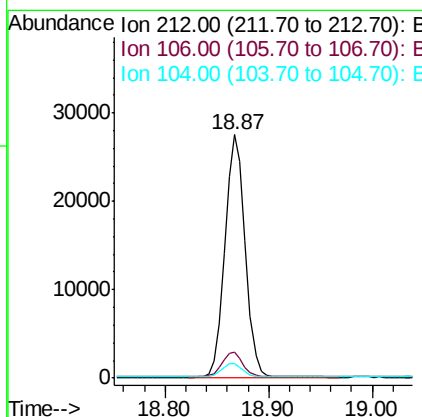
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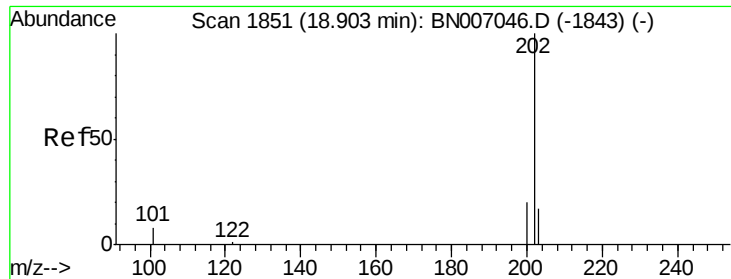
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#24
Fluoranthene-d10
Concen: 0.223 ng
RT: 18.87 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BN007068.D
Acq: 11 Aug 2019 03:12

Tgt Ion	Ratio	Lower	Upper
212	100		
106	10.3	8.2	12.2
104	5.6	4.5	6.7





#25

Fluoranthene

Concen: 0.091 ng

RT: 18.90 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BN007068.D

Acq: 11 Aug 2019 03:12

Instrument :

BNA_N

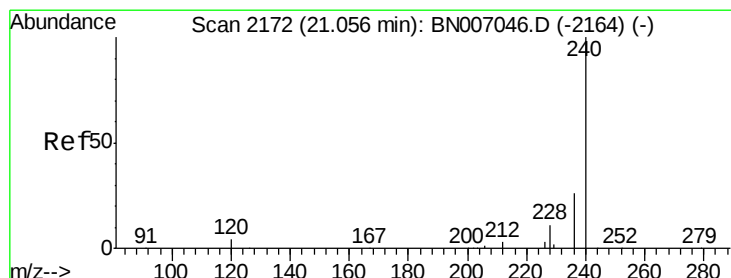
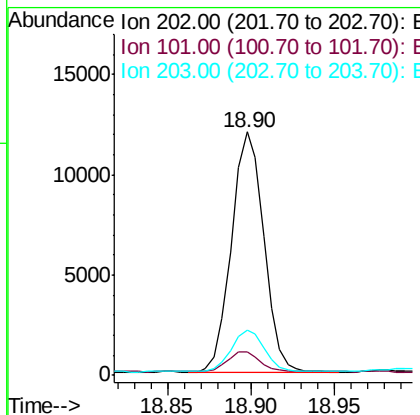
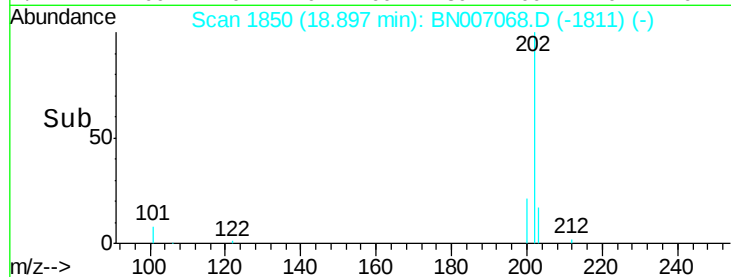
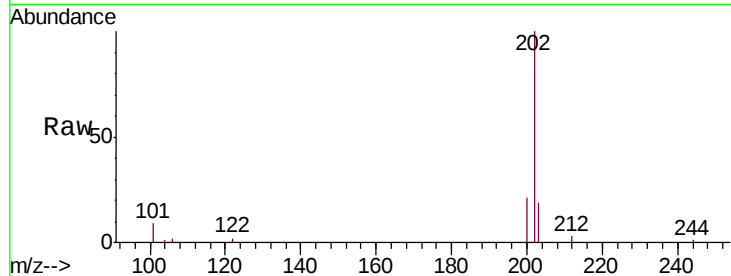
ClientSampleId :

PST-013-B209-080519

Tgt Ion:	202	Resp:	16160
Ion Ratio	Lower	Upper	
202	100		
101	8.4	7.0	10.4
203	17.6	13.8	20.8

Manual Integrations
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#26

Chrysene-d12

Concen: 0.400 ng

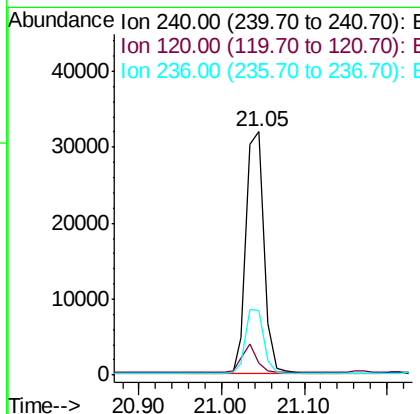
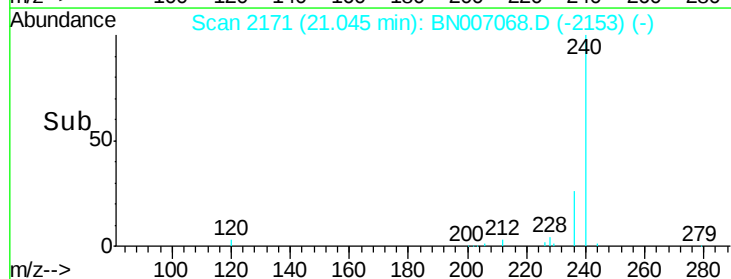
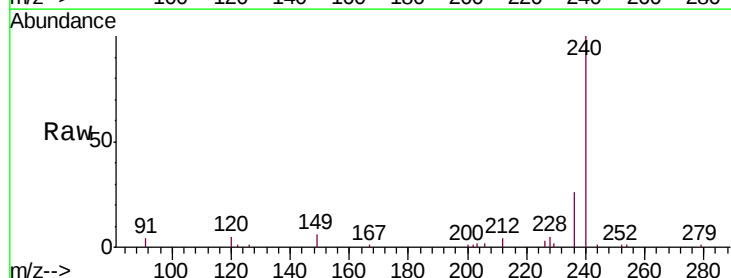
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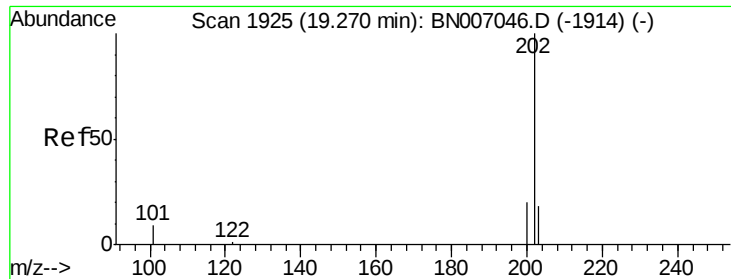
Delta R.T. -0.01 min

Lab File: BN007068.D

Acq: 11 Aug 2019 03:12

Tgt Ion:	240	Resp:	47881
Ion Ratio	Lower	Upper	
240	100		
120	4.9	4.0	6.0
236	26.3	21.3	31.9





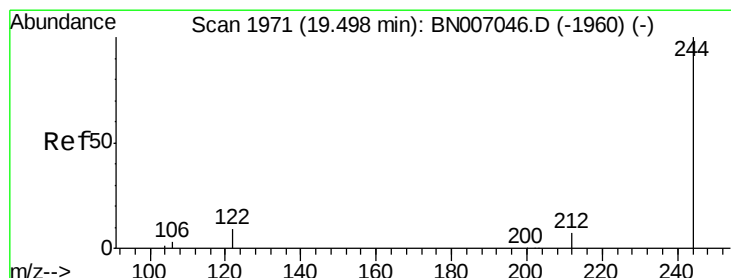
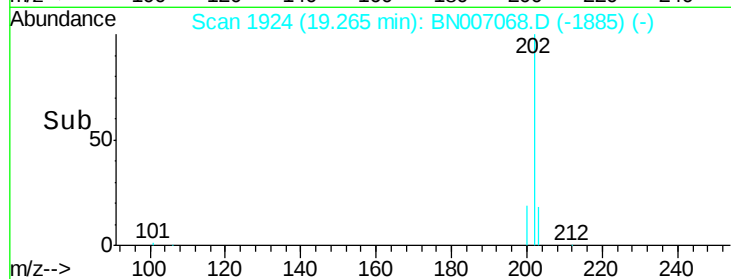
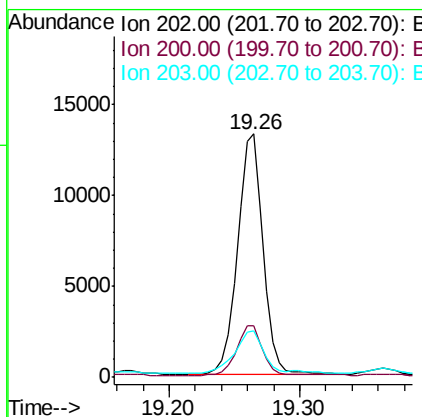
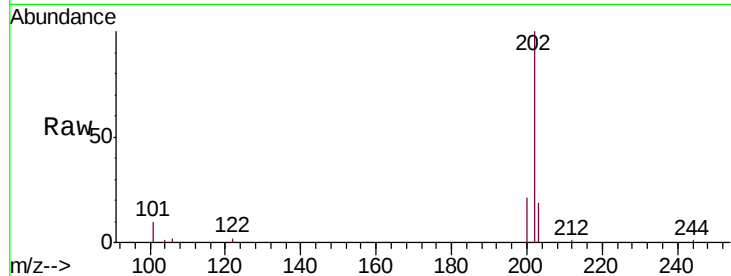
#27
 Pyrene
 Concen: 0.108 ng
 RT: 19.26 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BN007068.D
 Acq: 11 Aug 2019 03:12

Instrument :
 BNA_N
 ClientSampleId :
 PST-013-B209-080519

Tgt Ion:	202	Resp:	18123
Ion Ratio	Lower	Upper	
202	100		
200	21.2	16.6	24.8
203	20.0	14.0	21.0

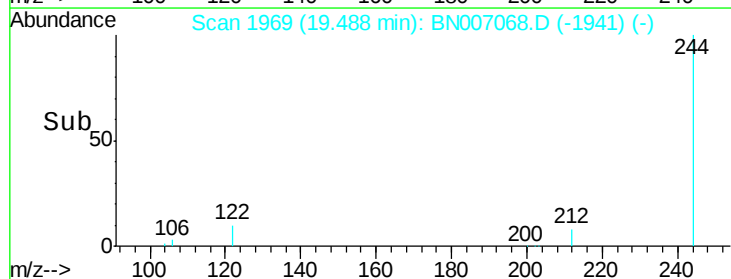
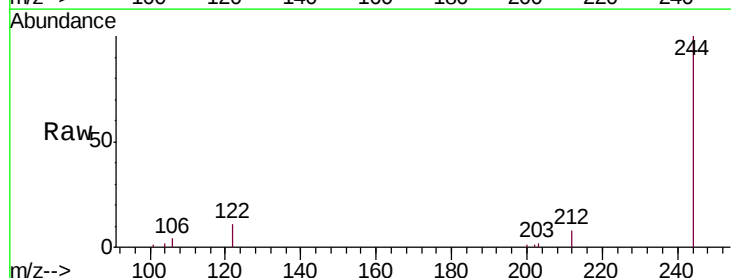
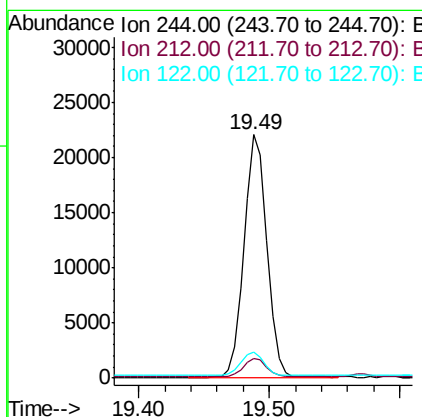
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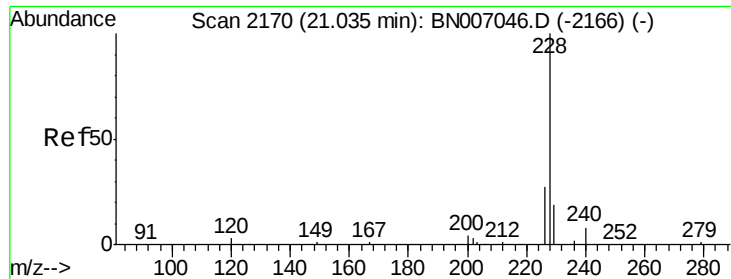
mohammad
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#28
 Terphenyl-d14
 Concen: 0.206 ng
 RT: 19.49 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BN007068.D
 Acq: 11 Aug 2019 03:12

Tgt Ion:	244	Resp:	26903
Ion Ratio	Lower	Upper	
244	100		
212	8.2	6.2	9.2
122	10.7	7.4	11.2





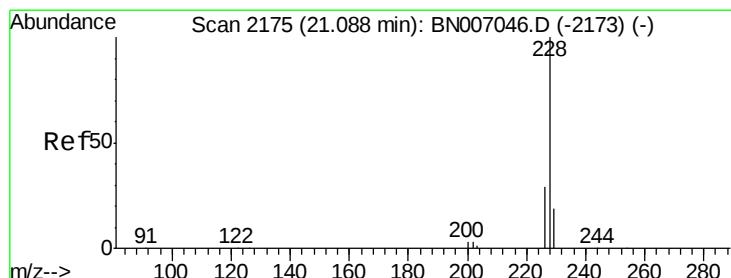
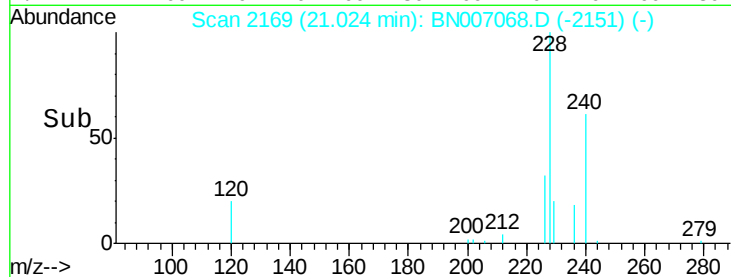
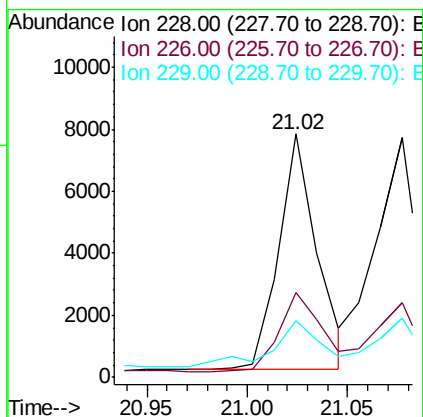
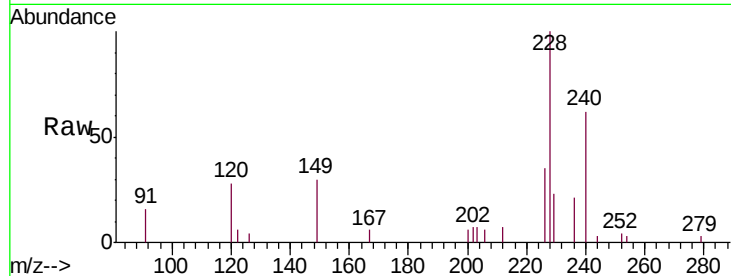
#29
Benzo(a)anthracene
Concen: 0.058 ng
RT: 21.02 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BN007068.D
Acq: 11 Aug 2019 03:12

Instrument :
BNA_N
ClientSampleId :
PST-013-B209-080519

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.9	21.8	32.6#
229	23.5	15.6	23.4#

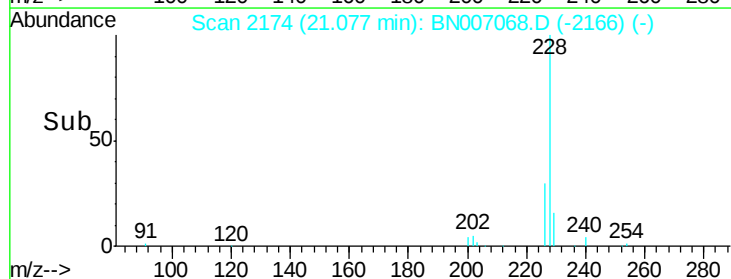
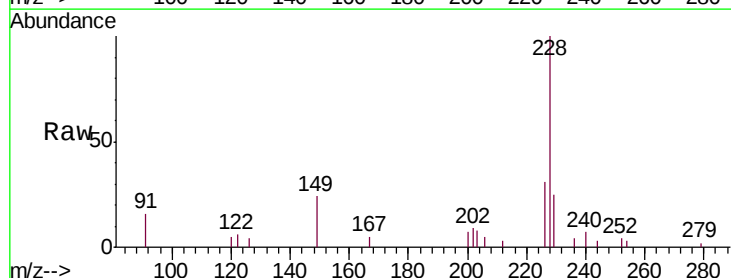
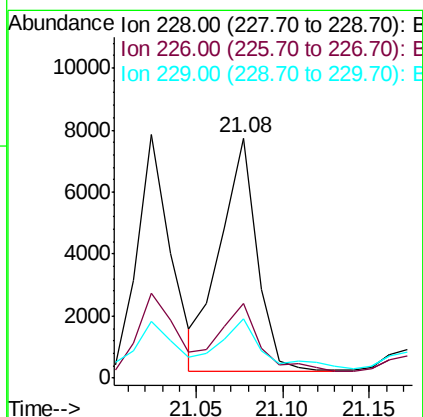
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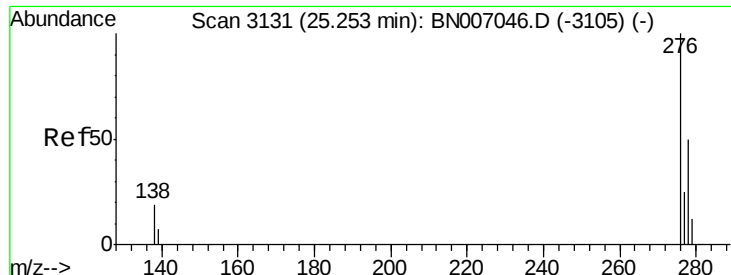
mohammad
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#30
Chrysene
Concen: 0.065 ng m
RT: 21.08 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007068.D
Acq: 11 Aug 2019 03:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.8	35.6
229	24.5	15.7	23.5#





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.034 ng

RT: 25.23 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BN007068.D

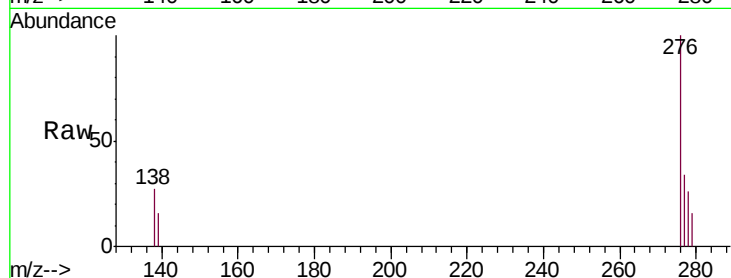
Acq: 11 Aug 2019 03:12

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion: 276 Resp: 6438

Ion Ratio Lower Upper

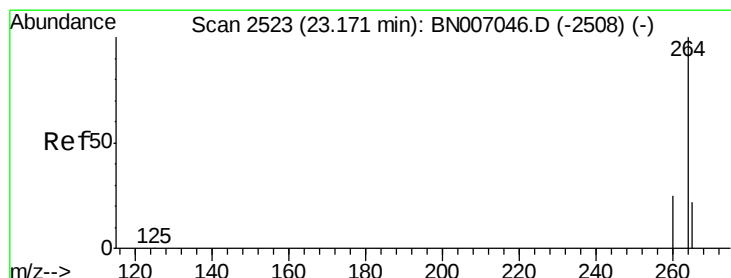
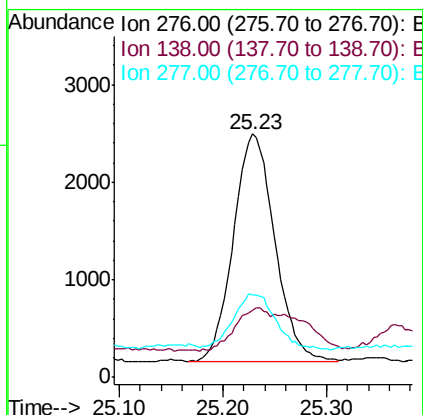
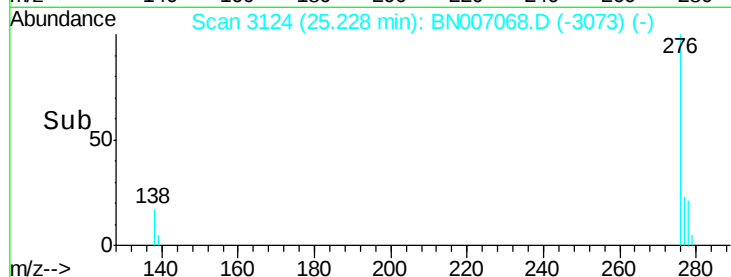
276 100

138 17.7 16.0 24.0

277 25.3 19.9 29.9

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#32

Perylene-d12

Concen: 0.400 ng

RT: 23.15 min Scan# 2518

Delta R.T. -0.02 min

Lab File: BN007068.D

Acq: 11 Aug 2019 03:12

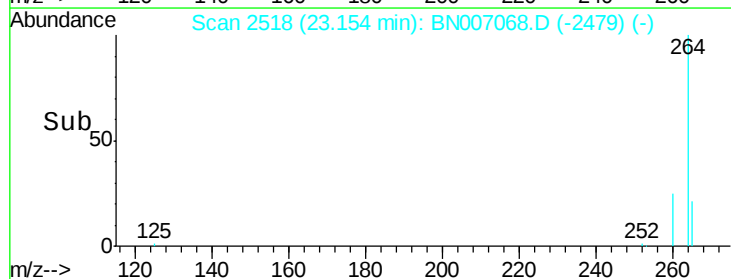
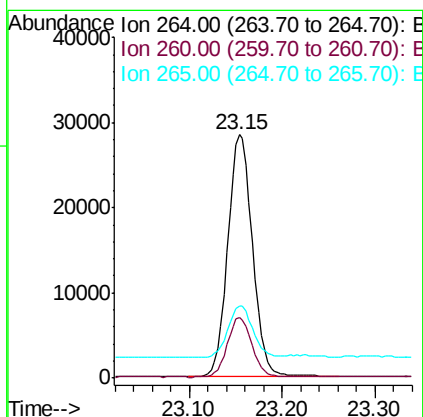
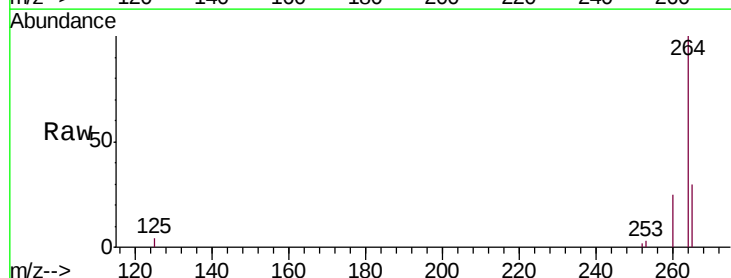
Tgt Ion: 264 Resp: 53155

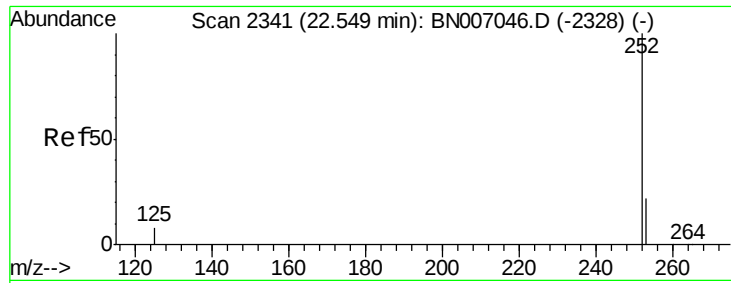
Ion Ratio Lower Upper

264 100

260 25.1 19.8 29.8

265 29.9 26.2 39.4





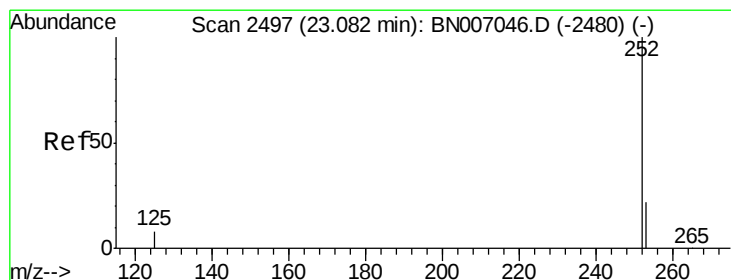
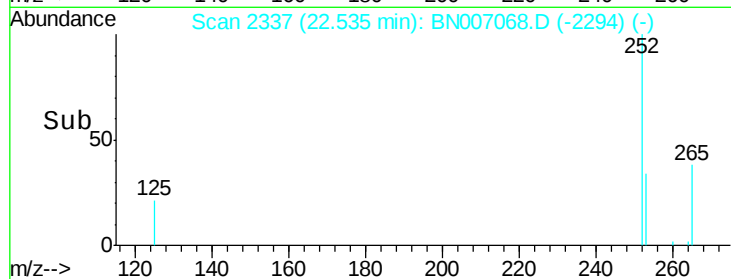
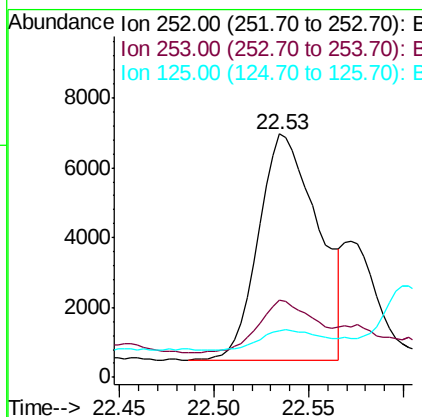
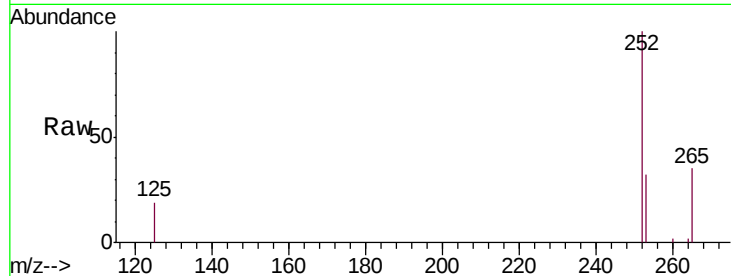
#33
Benzo(b)fluoranthene
Concen: 0.077 ng
RT: 22.53 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BN007068.D
Acq: 11 Aug 2019 03:12

Instrument :
BNA_N
ClientSampleId :
PST-013-B209-080519

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.7	18.2	27.2#
125	19.3	7.4	11.0#

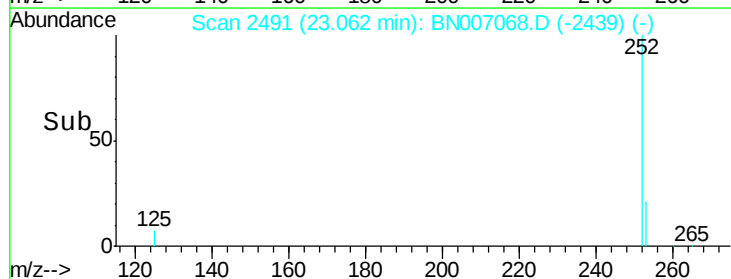
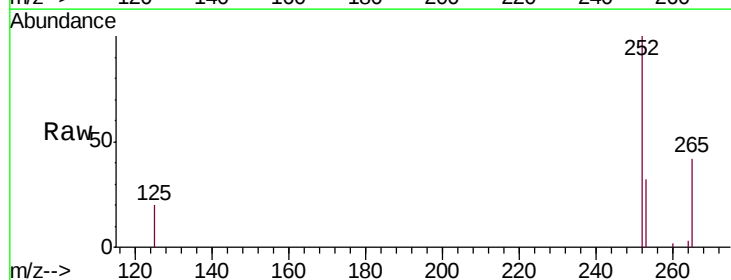
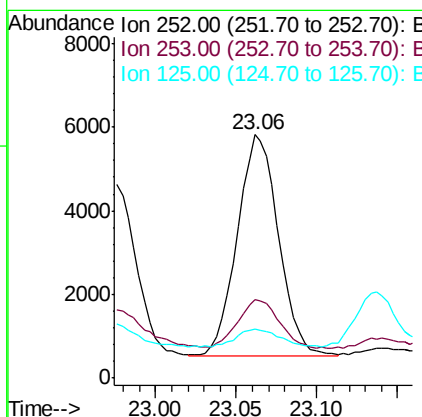
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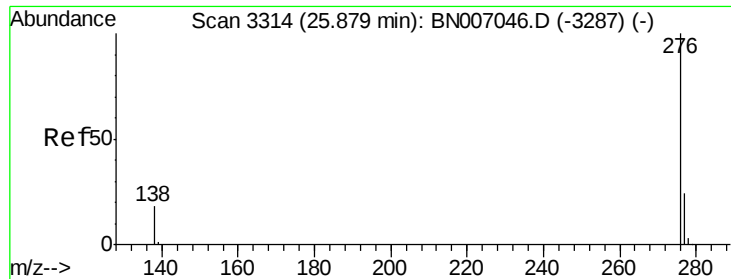
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#35
Benzo(a)pyrene
Concen: 0.057 ng
RT: 23.06 min Scan# 2491
Delta R.T. -0.02 min
Lab File: BN007068.D
Acq: 11 Aug 2019 03:12

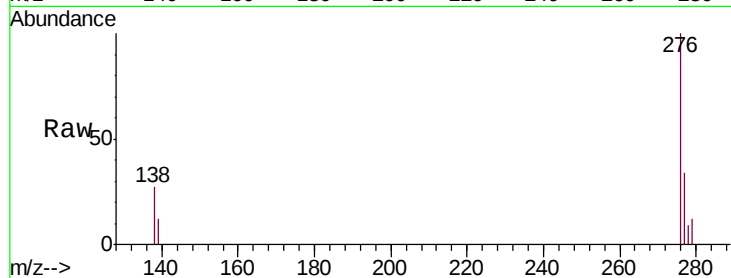
Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.5	18.5	27.7#
125	20.4	8.2	12.4#





#37
 Benzo(g,h,i)perylene
 Concen: 0.039 ng
 RT: 25.85 min Scan# 3307
 Delta R.T. -0.02 min
 Lab File: BN007068.D
 Acq: 11 Aug 2019 03:12

Instrument :
 BNA_N
 ClientSampleId :
 PST-013-B209-080519



Tgt Ion	Ratio	Lower	Upper
276	100		
277	33.8	19.8	29.8#
138	27.3	14.6	22.0#

Manual Integrations
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