

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102219\
 Data File : BN008352.D
 Acq On : 23 Oct 2019 16:44
 Operator : JU
 Sample : K5223-02DL 2X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD6DL

Manual Integrations
 APPROVED

mohammad
 10/24/2019 8:06:43 AM

Quant Time: Oct 24 01:44:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 14:07:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1772	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.34	136	8452	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5414	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	11610	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	10137	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	8313	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	1087	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	3247	0.08	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.39	128	737	0.031	ng/ul#	77
5) 2-Methylnaphthalene	12.03	142	589	0.036	ng/ul	99
7) Acenaphthylene	13.93	152	949	0.037	ng/ul#	83
8) Acenaphthene	14.28	153	1955	0.097	ng/ul	99
9) Fluorene	15.27	166	2485	0.109	ng/ul#	96
12) Phenanthrene	17.00	178	32024	0.942	ng/ul	99
13) Anthracene	17.10	178	8897	0.297	ng/ul	99
15) Fluoranthene	19.03	202	40091	0.893	ng/ul	99
17) Pyrene	19.40	202	36503	0.904	ng/ul	99
18) Benzo(a)anthracene	21.15	228	20274	0.550	ng/ul	98
19) Chrysene	21.20	228	19060	0.421	ng/ul	98
21) Benzo(b)fluoranthene	22.70	252	17967m	0.664	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	6939m	0.226	ng/ul	
23) Benzo(a)pyrene	23.25	252	12361	0.434	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.49	276	6764	0.202	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.50	278	2090	0.079	ng/ul#	73
26) Benzo(g,h,i)perylene	26.15	276	4954	0.161	ng/ul#	93

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

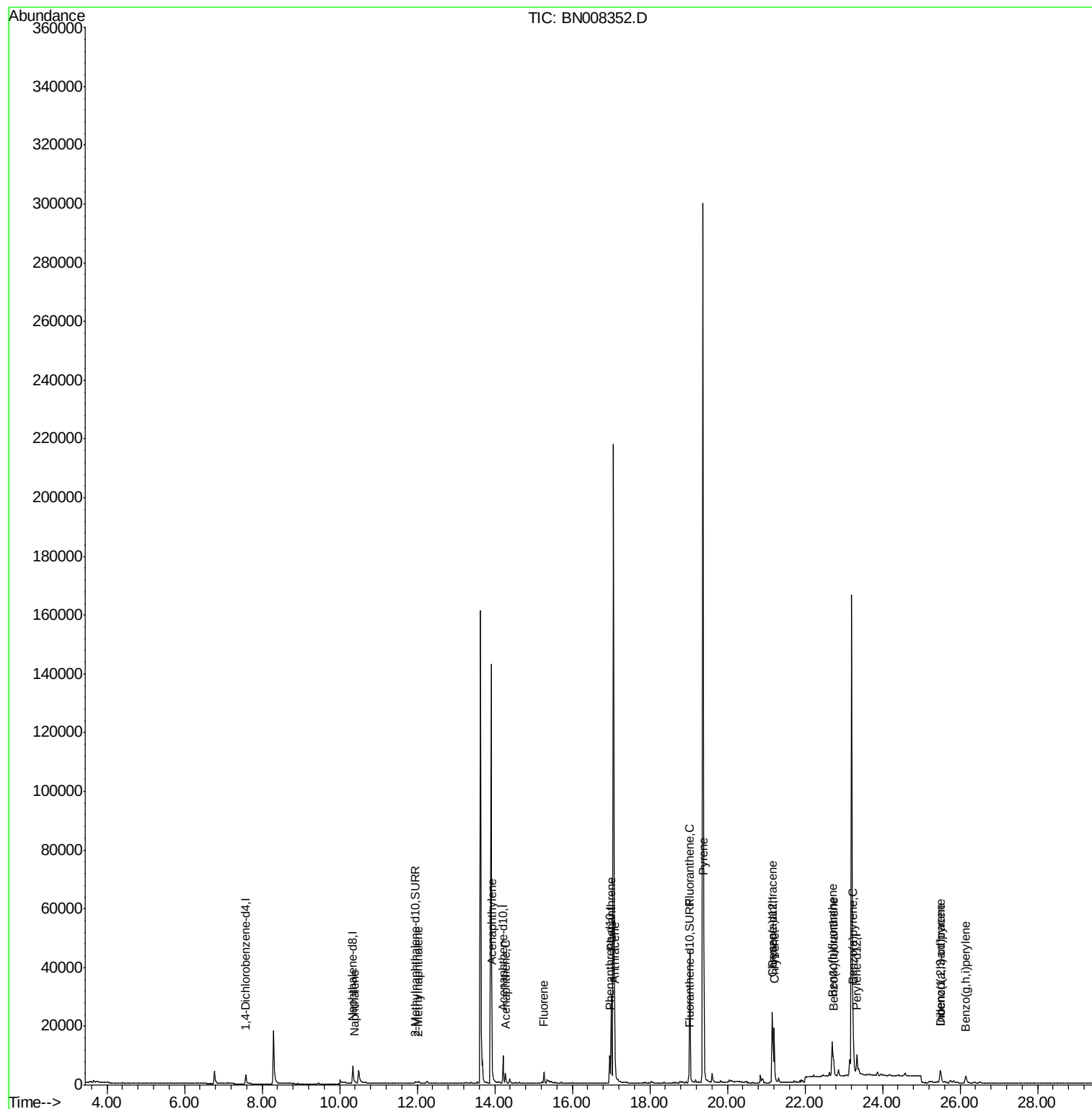
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102219\
Data File : BN008352.D
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ALS Vial : 46 Sample Multiplier: 1

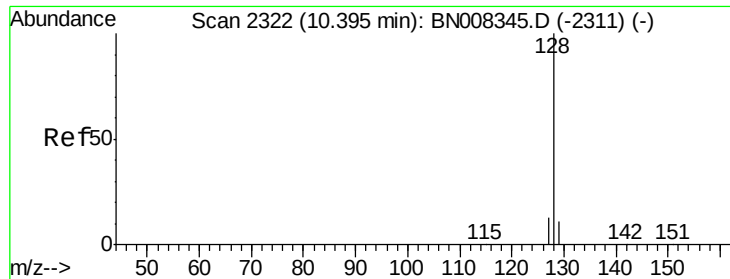
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
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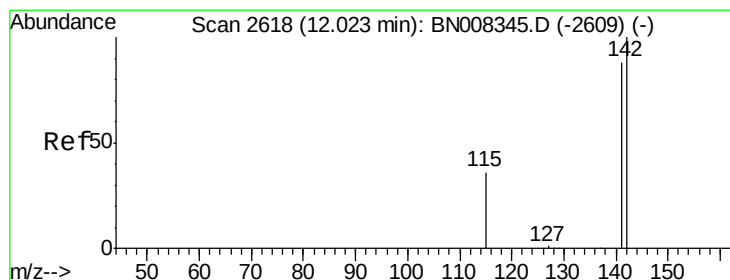
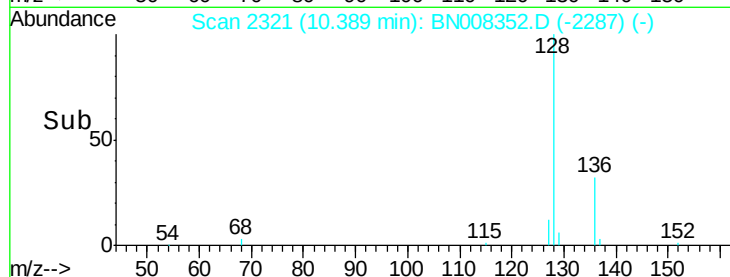
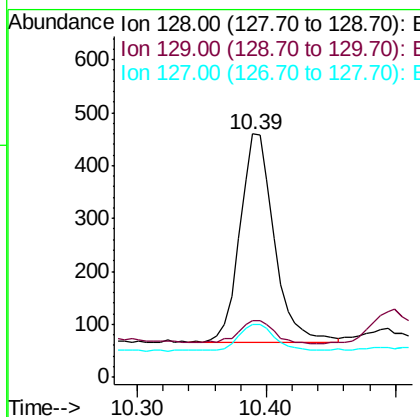
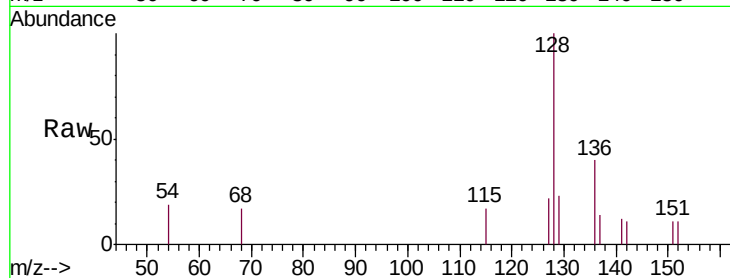
#3
Naphthalene
Concen: 0.031 ng/ul
RT: 10.39 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BN008352.D
Acq: 23 Oct 2019 16:44

Instrument :
BNA_N
ClientSampleId :
BEPD6DL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	23.5	9.8	14.8#
127	21.5	11.1	16.7#

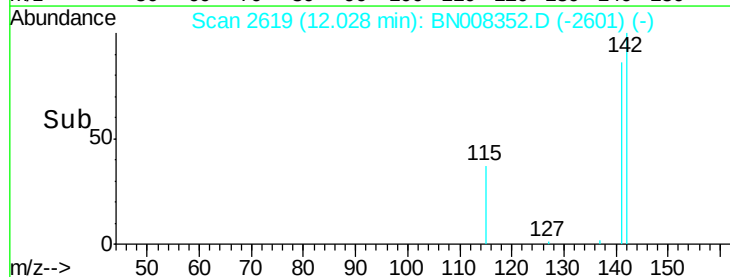
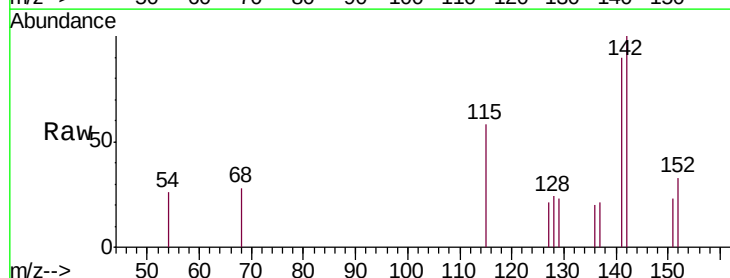
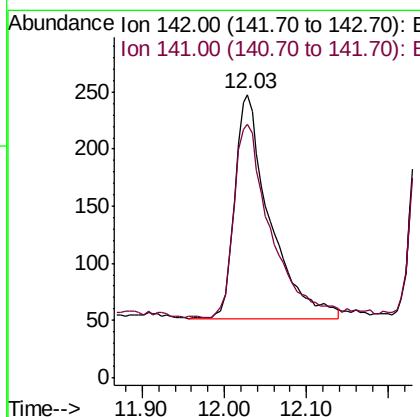
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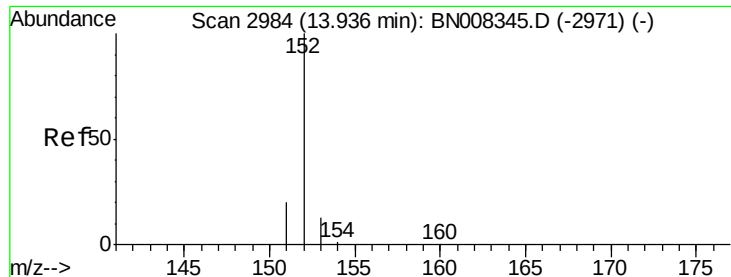
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#5
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.03 min Scan# 2619
Delta R.T. 0.00 min
Lab File: BN008352.D
Acq: 23 Oct 2019 16:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.4	107.2





#7

Acenaphthylene

Concen: 0.037 ng/ul

RT: 13.93 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BN008352.D

Acq: 23 Oct 2019 16:44

Instrument :

BNA_N

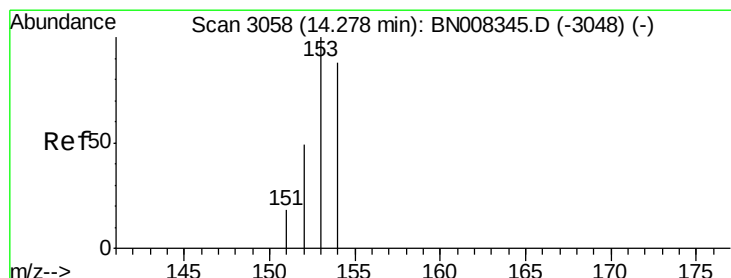
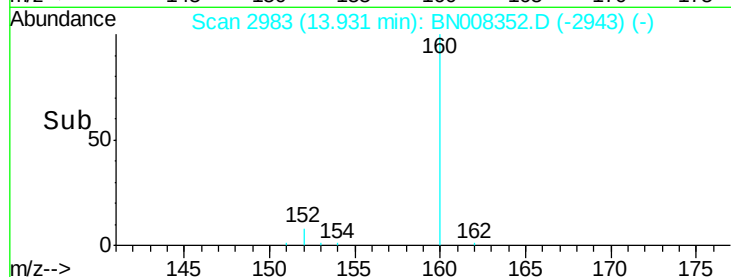
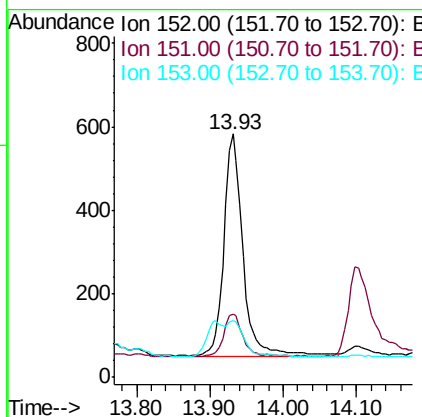
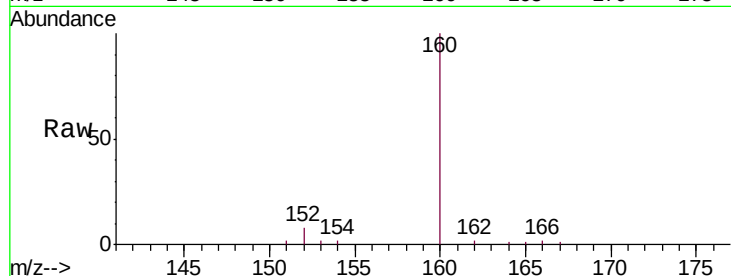
ClientSampleId :

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Tgt Ion:	152	Resp:	949
Ion Ratio	Lower	Upper	
152	100		
151	26.2	16.2	24.4#
153	23.3	11.0	16.4#

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#8

Acenaphthene

Concen: 0.097 ng/ul

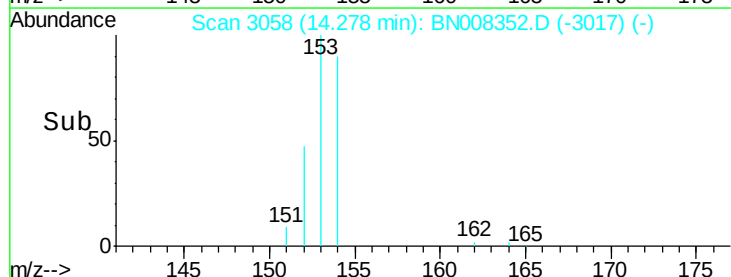
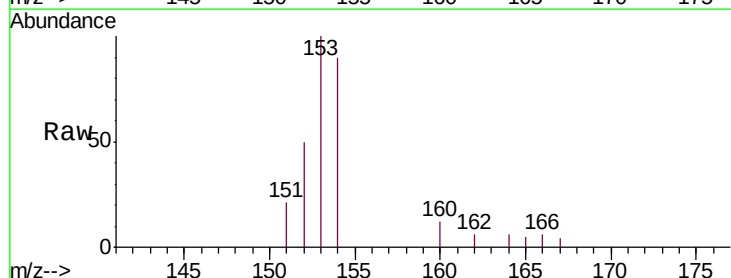
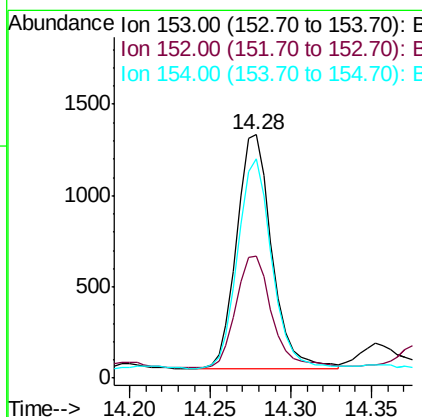
RT: 14.28 min Scan# 3058

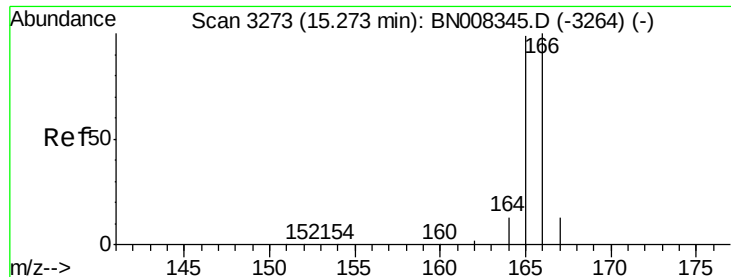
Delta R.T. -0.01 min

Lab File: BN008352.D

Acq: 23 Oct 2019 16:44

Tgt Ion:	153	Resp:	1955
Ion Ratio	Lower	Upper	
153	100		
152	50.0	38.2	57.2
154	90.0	71.8	107.8





#9

Fluorene

Concen: 0.109 ng/ul

RT: 15.27 min Scan# 3272

Delta R.T. -0.01 min

Lab File: BN008352.D

Acq: 23 Oct 2019 16:44

Instrument :

BNA_N

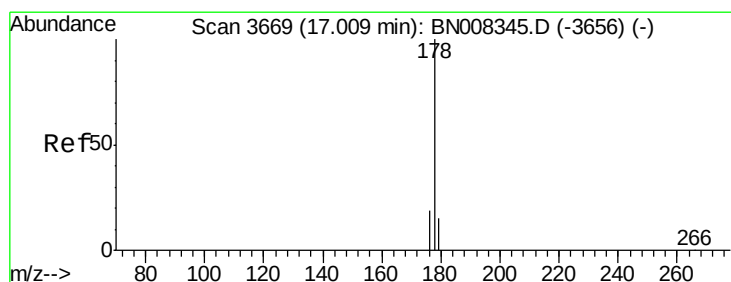
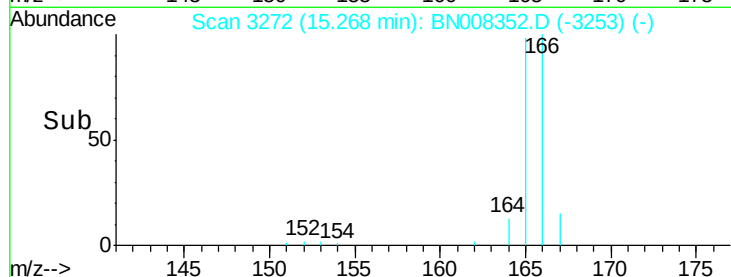
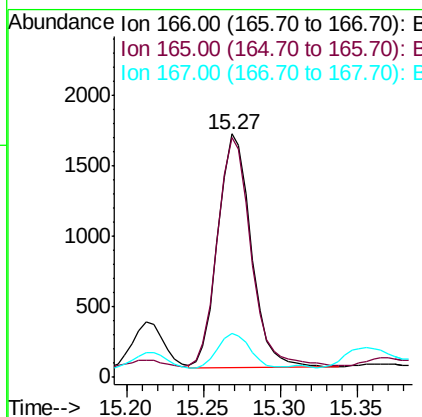
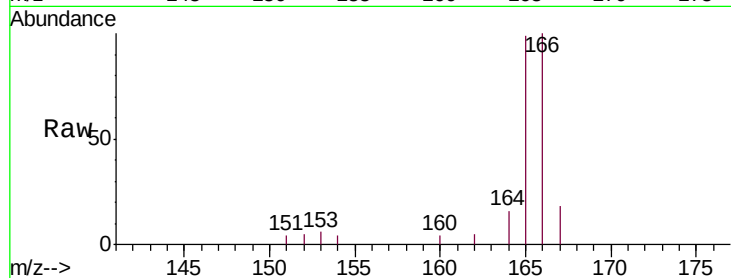
ClientSampleId :

BEPD6DL

Tgt Ion:	166	Resp:	2485
Ion Ratio	Lower	Upper	
166	100		
165	98.6	76.6	115.0
167	18.0	11.7	17.5#

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#12

Phenanthrene

Concen: 0.942 ng/ul

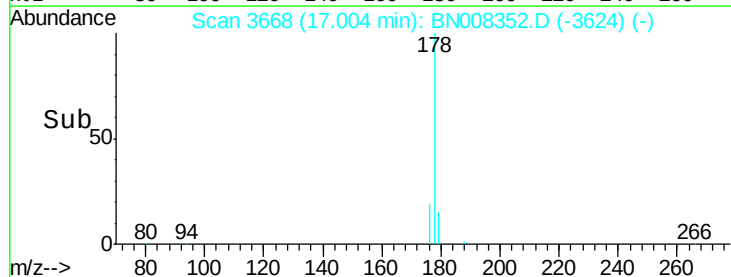
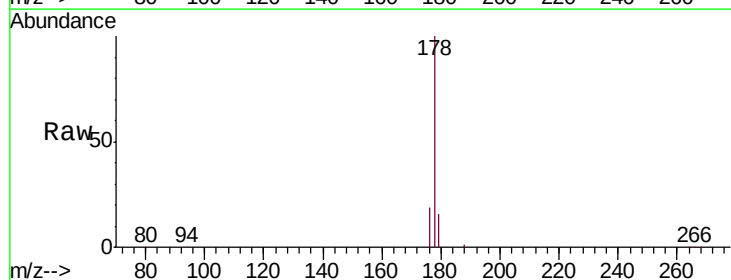
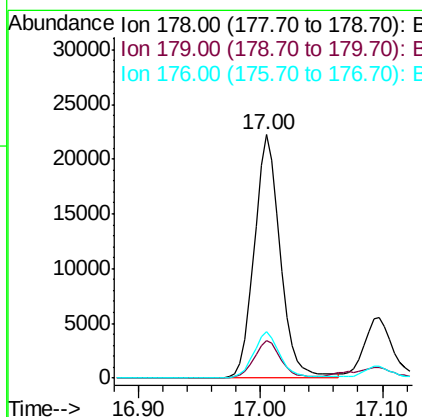
RT: 17.00 min Scan# 3668

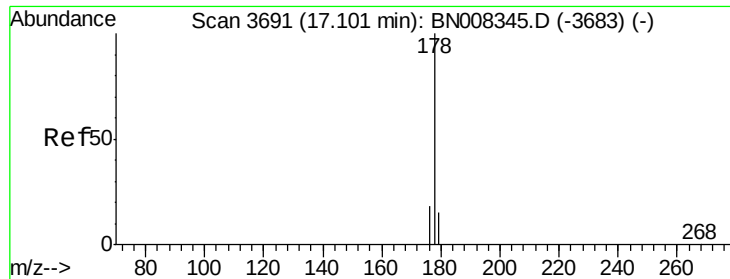
Delta R.T. -0.01 min

Lab File: BN008352.D

Acq: 23 Oct 2019 16:44

Tgt Ion:	178	Resp:	32024
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.8	19.2
176	19.0	15.4	23.2





#13

Anthracene

Concen: 0.297 ng/ul

RT: 17.10 min Scan# 3690

Delta R.T. -0.01 min

Lab File: BN008352.D

Acq: 23 Oct 2019 16:44

Instrument :

BNA_N

ClientSampleId :

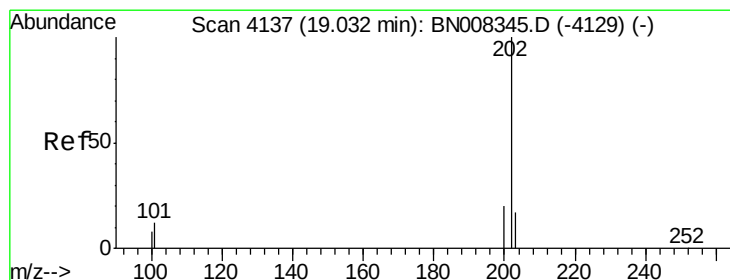
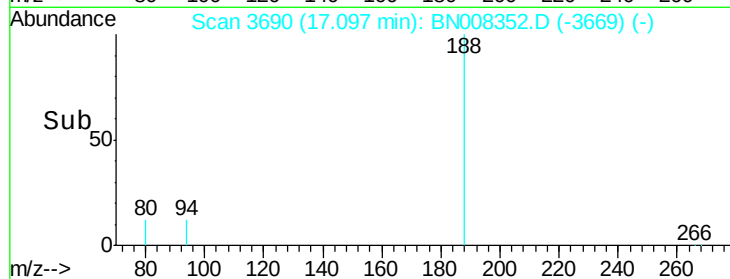
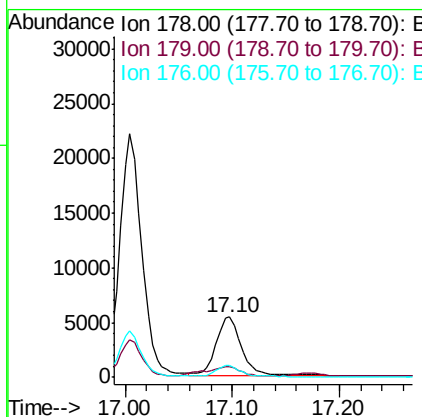
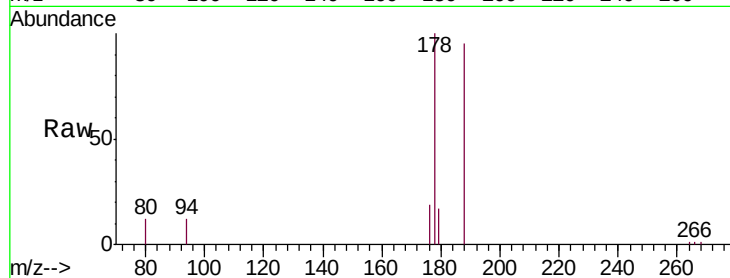
BEPD6DL

Tgt Ion:178 Resp: 8897

Ion	Ratio	Lower	Upper
178	100		
179	17.4	13.0	19.6
176	18.8	15.0	22.6

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#15

Fluoranthene

Concen: 0.893 ng/ul

RT: 19.03 min Scan# 4137

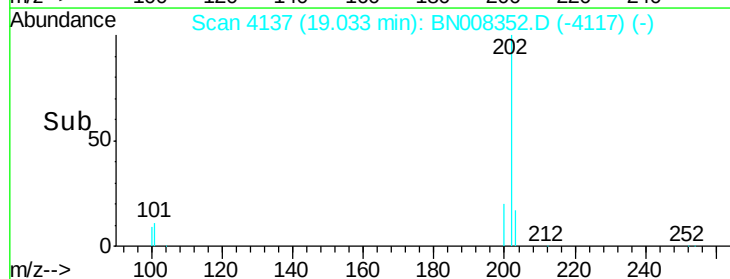
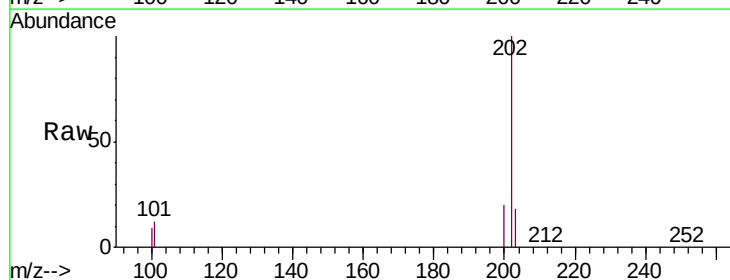
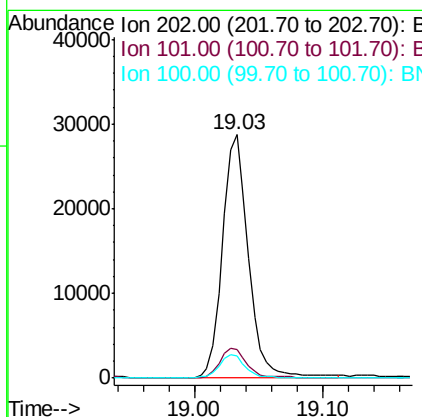
Delta R.T. -0.01 min

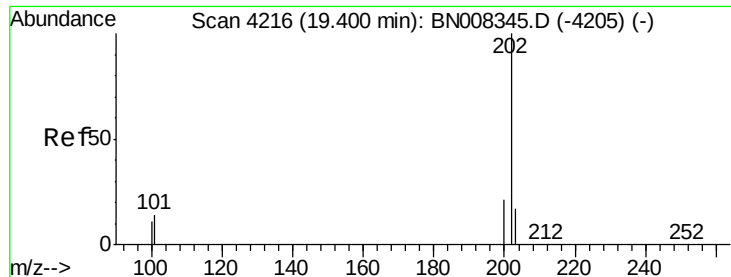
Lab File: BN008352.D

Acq: 23 Oct 2019 16:44

Tgt Ion:202 Resp: 40091

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.2
100	8.9	0.0	28.5





#17

Pyrene

Concen: 0.904 ng/ul

RT: 19.40 min Scan# 4215

Delta R.T. -0.01 min

Lab File: BN008352.D

Acq: 23 Oct 2019 16:44

Instrument :

BNA_N

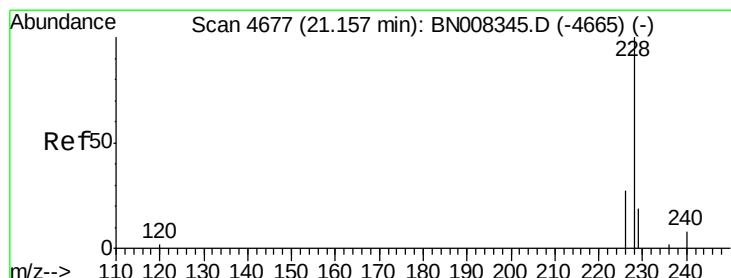
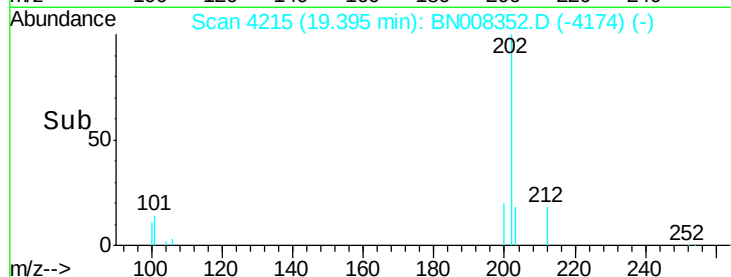
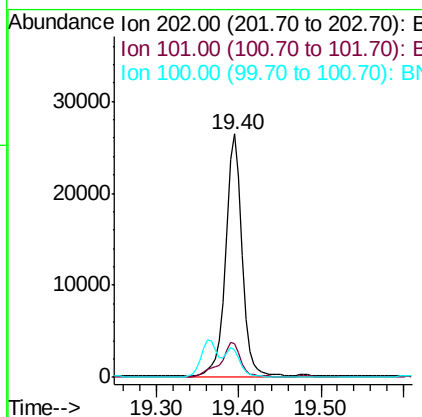
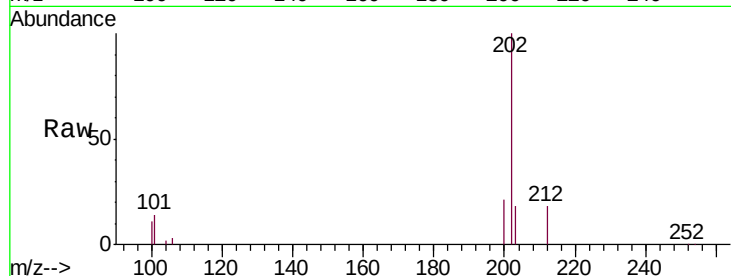
ClientSampleId :

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Tgt Ion:	202	Resp:	36503
Ion Ratio	Lower	Upper	
202	100		
101	14.0	10.9	16.3
100	11.4	8.7	13.1

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#18

Benzo(a)anthracene

Concen: 0.550 ng/ul

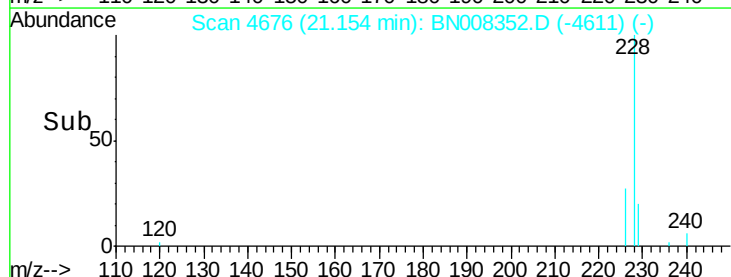
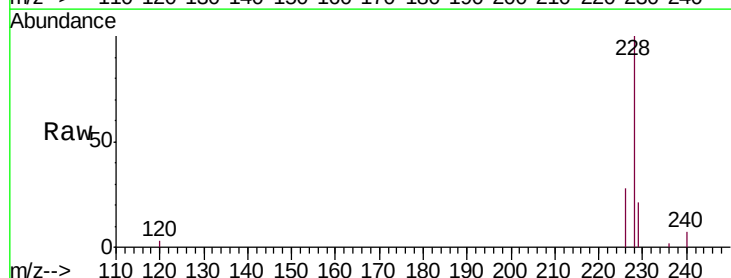
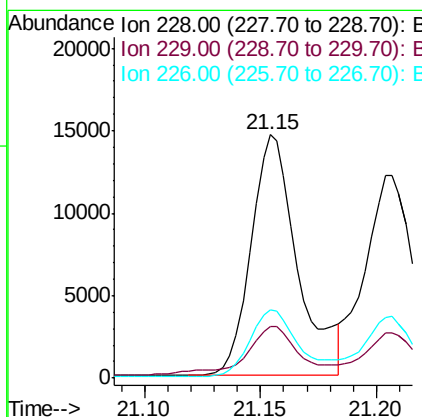
RT: 21.15 min Scan# 4676

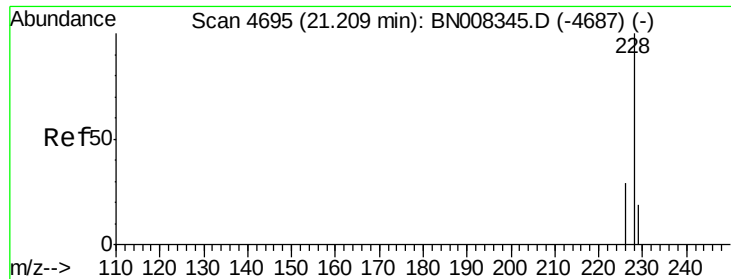
Delta R.T. -0.01 min

Lab File: BN008352.D

Acq: 23 Oct 2019 16:44

Tgt Ion:	228	Resp:	20274
Ion Ratio	Lower	Upper	
228	100		
229	21.1	16.2	24.2
226	28.1	21.4	32.0





#19

Chrysene

Concen: 0.421 ng/ul

RT: 21.20 min Scan# 4693

Delta R.T. -0.01 min

Lab File: BN008352.D

Acq: 23 Oct 2019 16:44

Instrument :

BNA_N

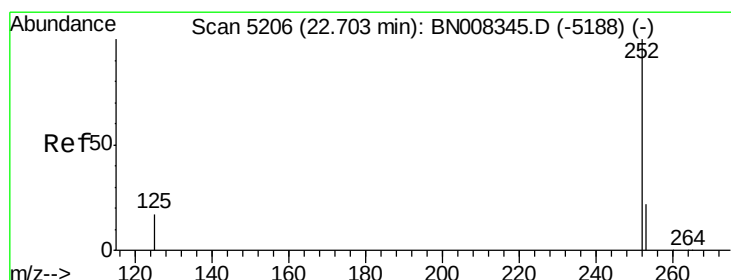
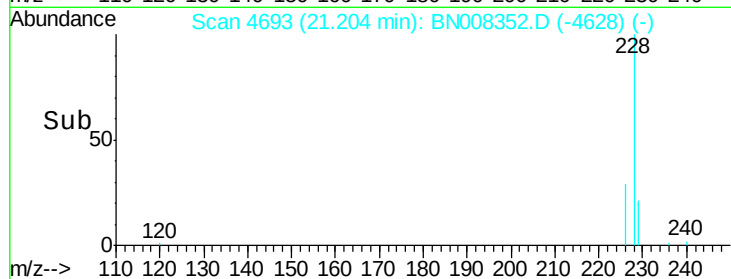
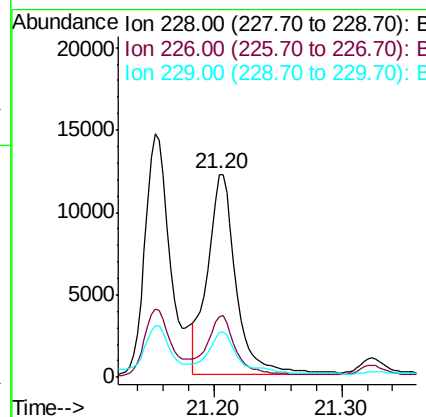
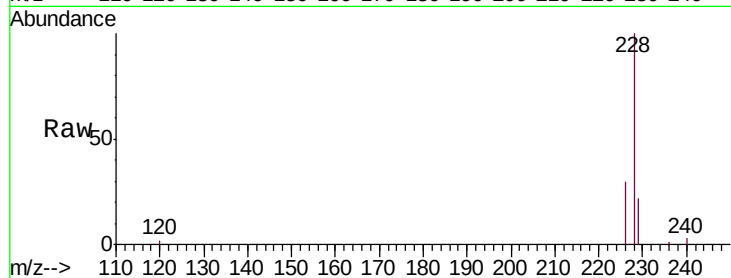
ClientSampleId :

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Tgt Ion:	228	Resp:	19060
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.1	36.1
229	22.1	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 0.664 ng/ul m

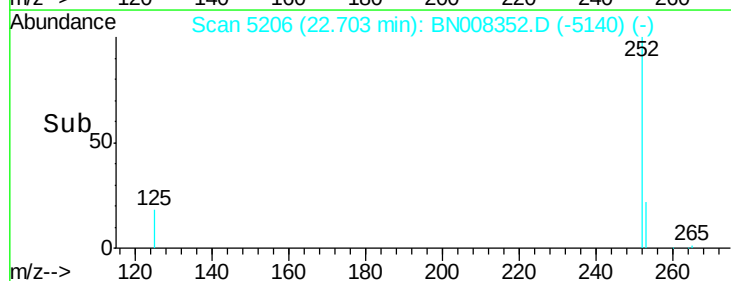
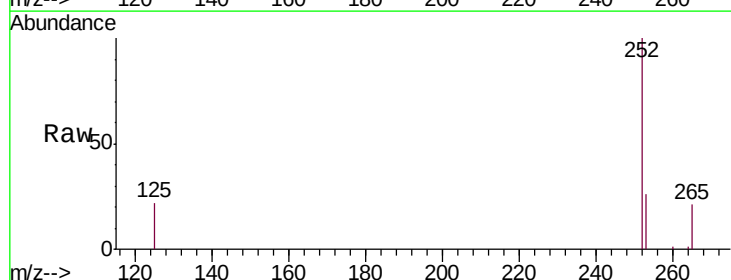
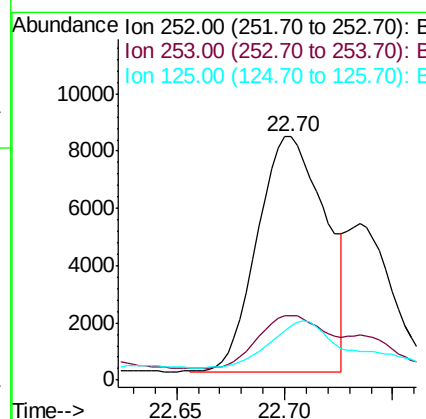
RT: 22.70 min Scan# 5206

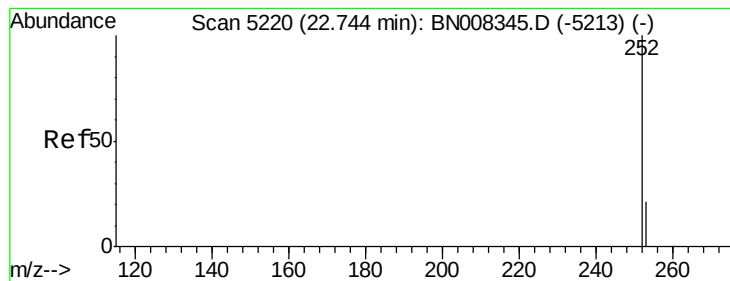
Delta R.T. -0.01 min

Lab File: BN008352.D

Acq: 23 Oct 2019 16:44

Tgt Ion:	252	Resp:	17967
Ion Ratio	Lower	Upper	
252	100		
253	26.5	0.0	53.4
125	22.5	0.0	32.4





#22

Benzo(k)fluoranthene

Concen: 0.226 ng/ul m

RT: 22.73 min Scan# 5217

Delta R.T. -0.02 min

Lab File: BN008352.D

Acq: 23 Oct 2019 16:44

Instrument :

BNA_N

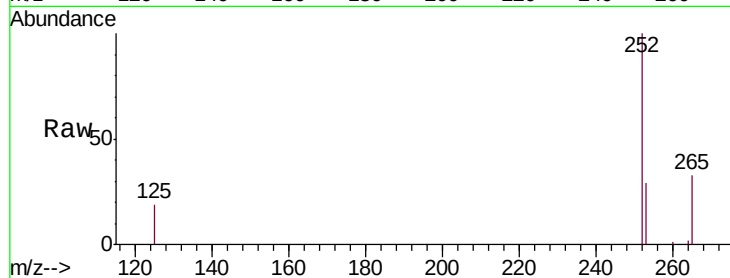
ClientSampled :

BEPD6DL

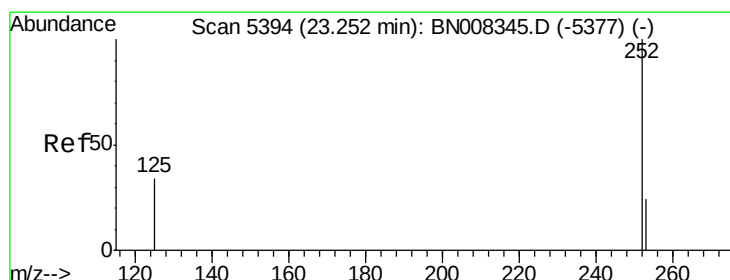
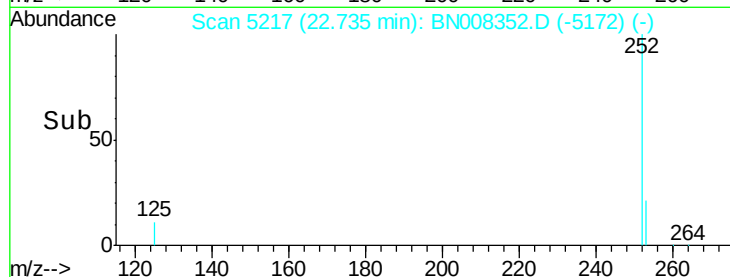
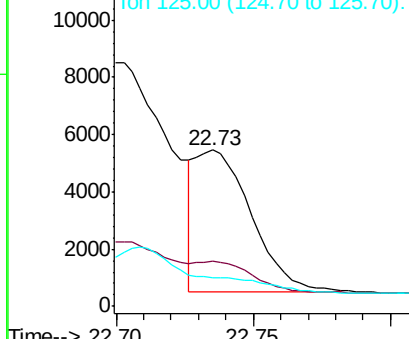
Tgt Ion:	252	Resp:	6939
Ion Ratio	Lower	Upper	
252	100		
253	28.6	21.3	31.9
125	18.5	12.3	18.5#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.434 ng/ul

RT: 23.25 min Scan# 5392

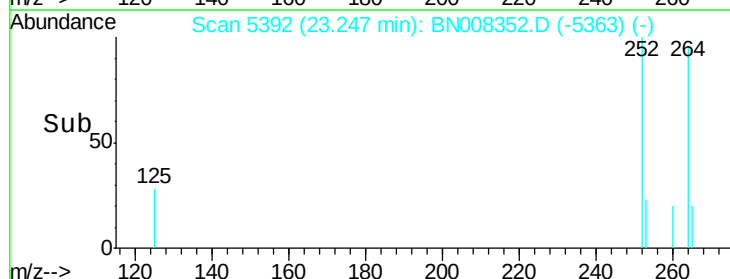
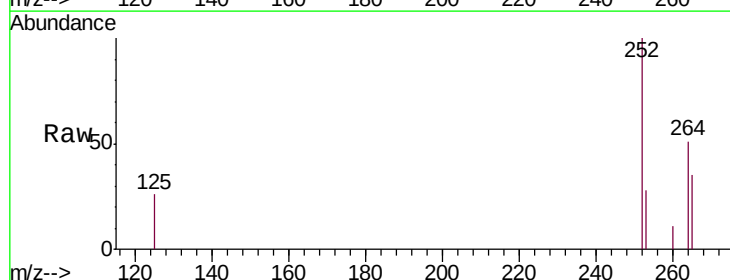
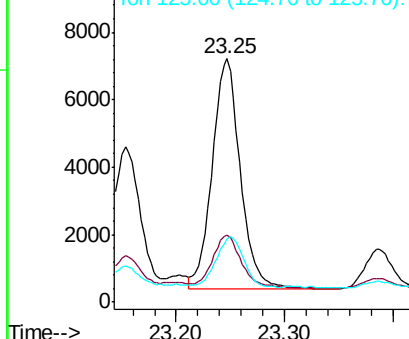
Delta R.T. -0.01 min

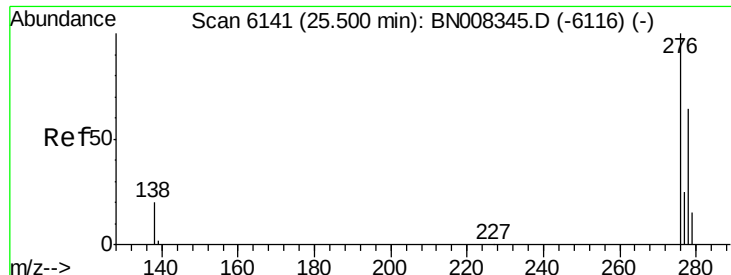
Lab File: BN008352.D

Acq: 23 Oct 2019 16:44

Tgt Ion:	252	Resp:	12361
Ion Ratio	Lower	Upper	
252	100		
253	27.6	22.8	34.2
125	26.1	18.4	27.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#24

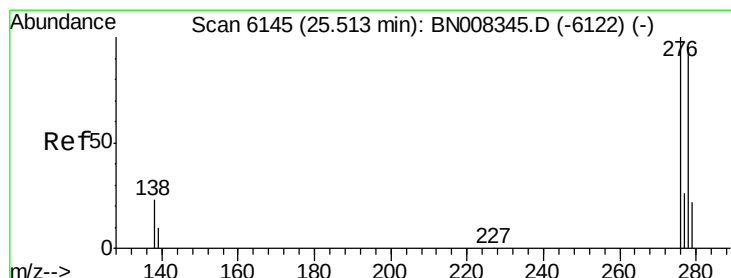
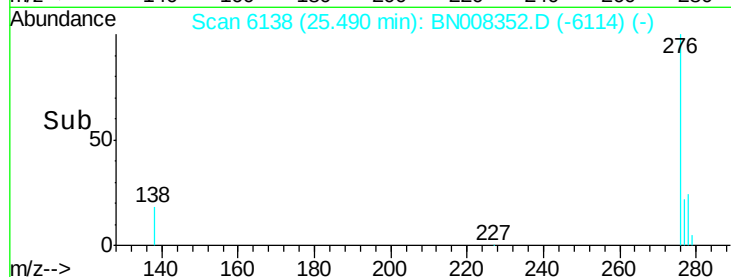
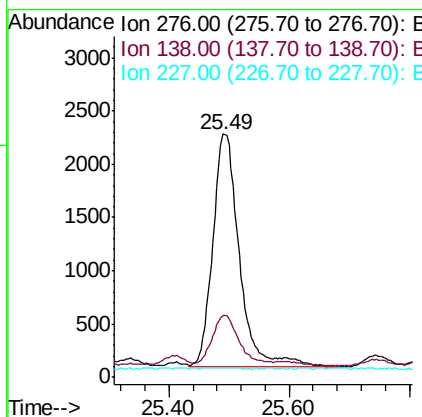
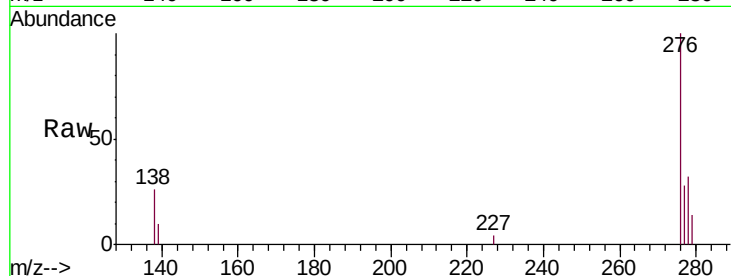
Indeno(1,2,3-cd)pyrene
Concen: 0.202 ng/ul
RT: 25.49 min Scan# 6138
Delta R.T. -0.02 min
Lab File: BN008352.D
Acq: 23 Oct 2019 16:44

Instrument :
BNA_N
ClientSampleId :
BEPD6DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	16.1	24.1
227	0.1	0.2	0.2

Manual Integrations
APPROVED

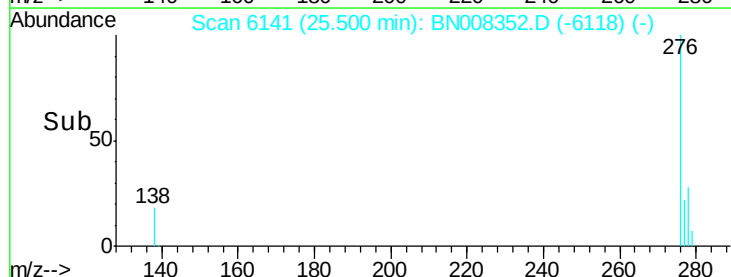
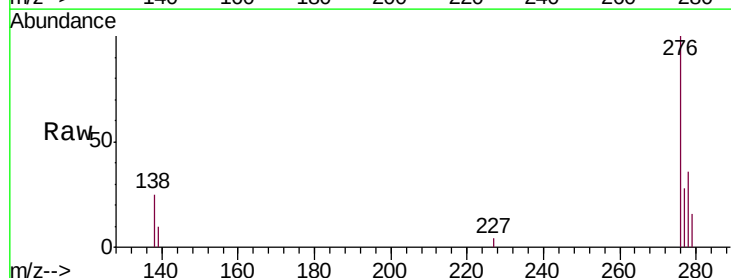
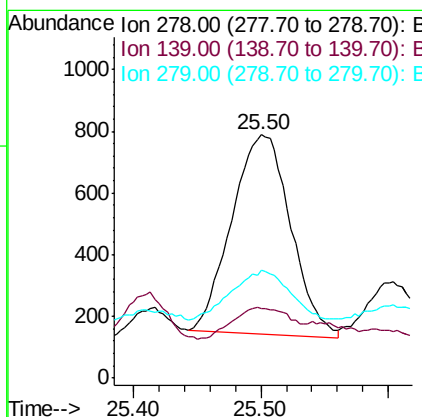
mohammad
10/24/2019 8:06:43 AM

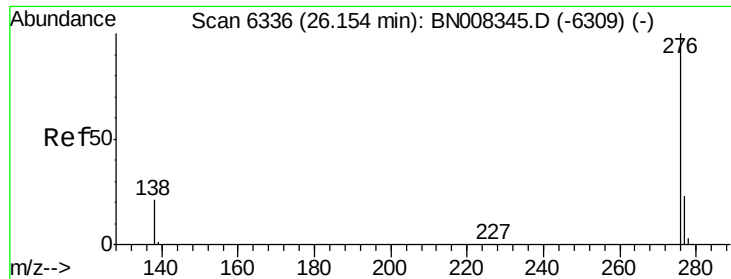


#25

Dibenzo(a,h)anthracene
Concen: 0.079 ng/ul
RT: 25.50 min Scan# 6141
Delta R.T. -0.02 min
Lab File: BN008352.D
Acq: 23 Oct 2019 16:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	28.6	15.0	22.6
279	44.2	22.4	33.6





#26

Benzo(g,h,i)perylene

Concen: 0.161 ng/ul

RT: 26.15 min Scan# 6334

Delta R.T. -0.02 min

Lab File: BN008352.D

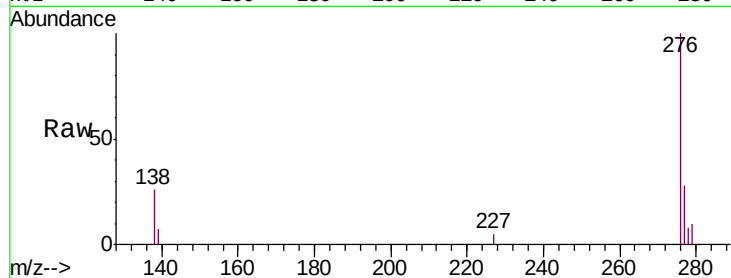
Acq: 23 Oct 2019 16:44

Instrument :

BNA_N

ClientSampleId :

BEPD6DL



Tgt Ion:	276	Resp:	4954
Ion Ratio	Lower	Upper	
276	100		
138	25.8	17.0	25.4#
277	28.2	20.4	30.6

Manual Integrations
APPROVED

mohammad
10/24/2019 8:06:43 AM

