

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102219\
 Data File : BN008355.D
 Acq On : 23 Oct 2019 18:32
 Operator : JU
 Sample : K5223-05DL 2X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD9DL

Manual Integrations
 APPROVED

mohammad
 10/24/2019 8:06:46 AM

Quant Time: Oct 24 01:52:13 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	1902	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.34	136	9250	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5880	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	12673	0.40	ng/ul	-0.01
16) Chrysene-d12	21.17	240	10584	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	8589	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	1572	0.10	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	4482	0.10	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.39	128	602	0.023	ng/ul#	70
7) Acenaphthylene	13.93	152	1324	0.047	ng/ul#	60
8) Acenaphthene	14.28	153	491	0.023	ng/ul	95
9) Fluorene	15.27	166	643	0.026	ng/ul#	91
12) Phenanthrene	17.00	178	14920	0.402	ng/ul	100
13) Anthracene	17.10	178	2752	0.084	ng/ul	94
15) Fluoranthene	19.03	202	40080	0.818	ng/ul	98
17) Pyrene	19.39	202	37668	0.894	ng/ul	98
18) Benzo(a)anthracene	21.16	228	17492	0.455	ng/ul	97
19) Chrysene	21.21	228	21412	0.453	ng/ul	98
21) Benzo(b)fluoranthene	22.70	252	22683m	0.811	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	7585m	0.239	ng/ul	
23) Benzo(a)pyrene	23.25	252	14510	0.493	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.49	276	9012	0.260	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.50	278	1967	0.072	ng/ul#	71
26) Benzo(g,h,i)perylene	26.15	276	6929	0.218	ng/ul	95

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

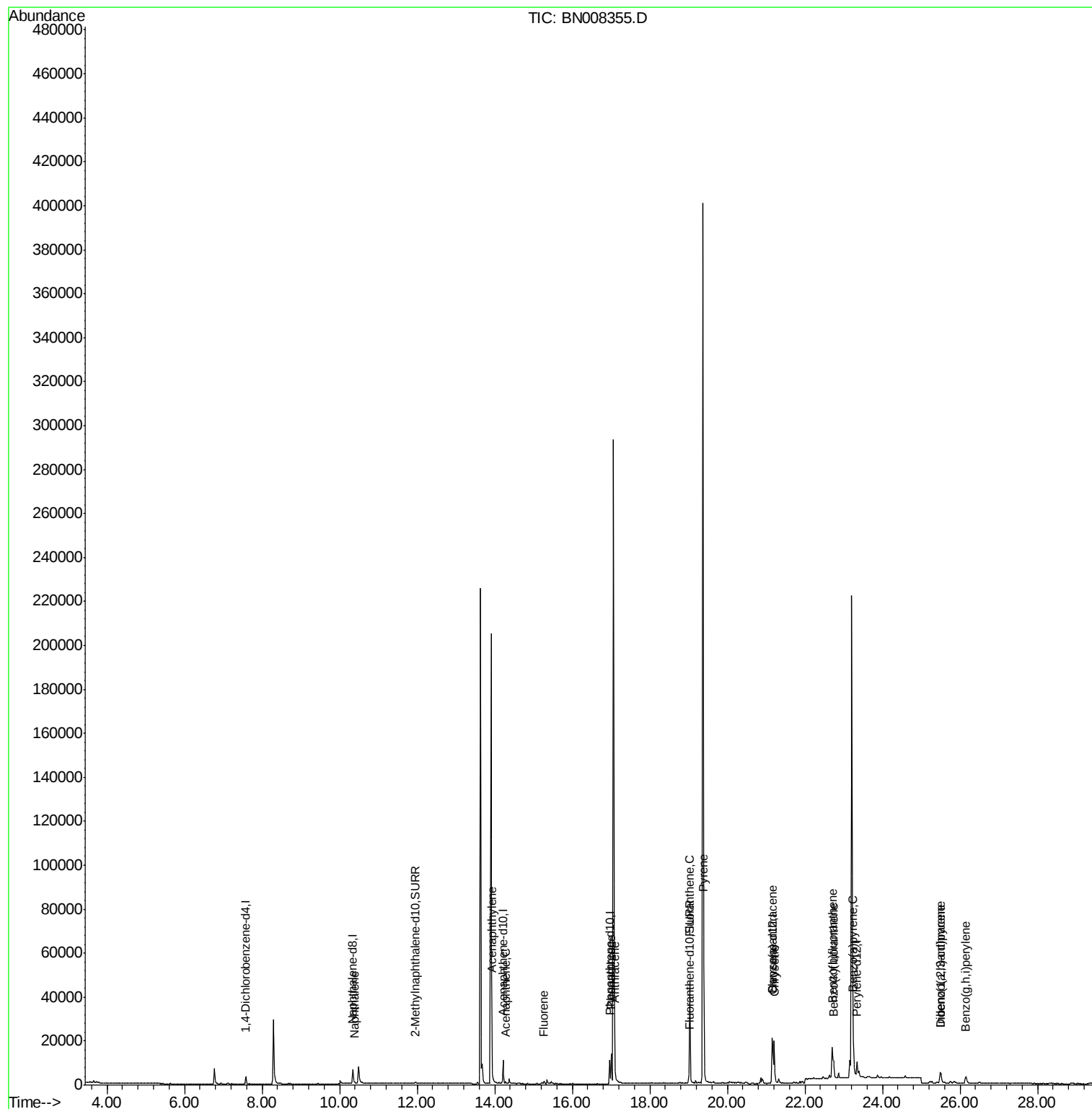
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102219\
Data File : BN008355.D
Acq On : 23 Oct 2019 18:32
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Misc :
ALS Vial : 48 Sample Multiplier: 1

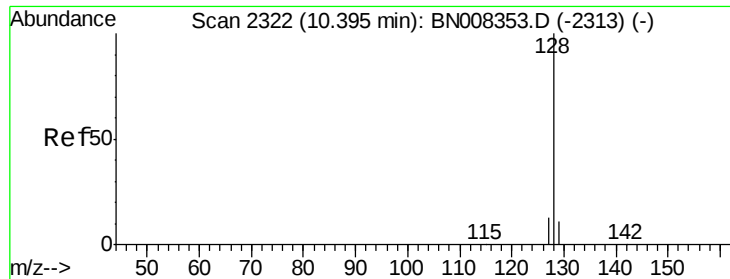
Instrument :
BNA_N
ClientSampleId :
BEPD9DL

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Quant Time: Oct 24 01:52:13 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





#3

Naphthalene

Concen: 0.023 ng/ul

RT: 10.39 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BN008355.D

Acq: 23 Oct 2019 18:32

Instrument :

BNA_N

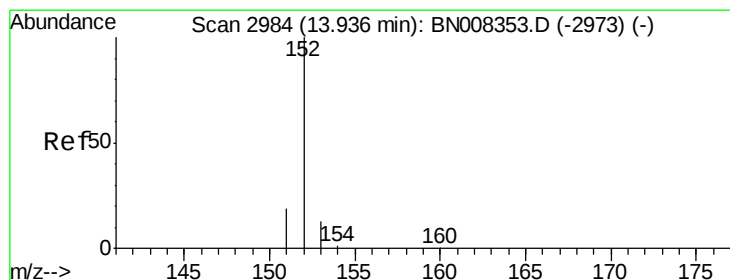
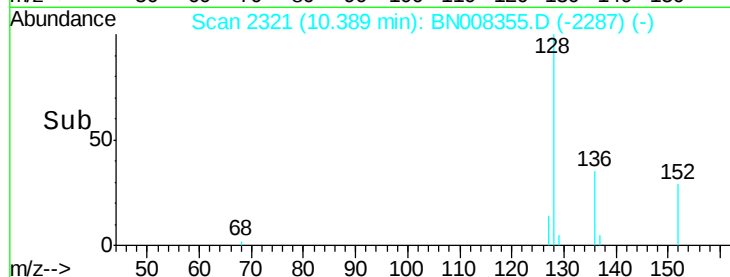
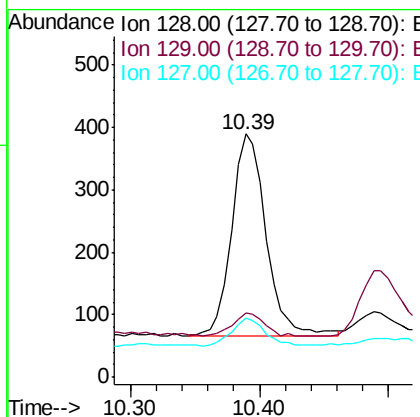
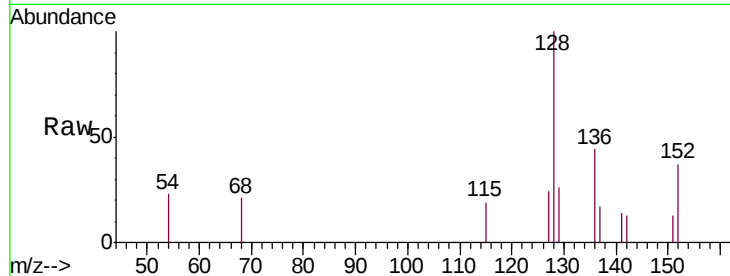
ClientSampleId :

BEPD9DL

Tgt Ion:	128	Resp:	602
Ion Ratio	Lower	Upper	
128	100		
129	26.2	9.8	14.8#
127	24.4	11.1	16.7#

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#7

Acenaphthylene

Concen: 0.047 ng/ul

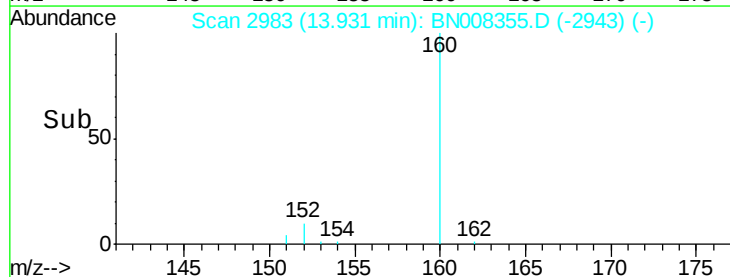
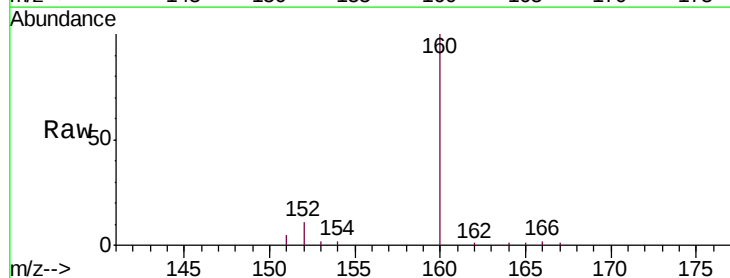
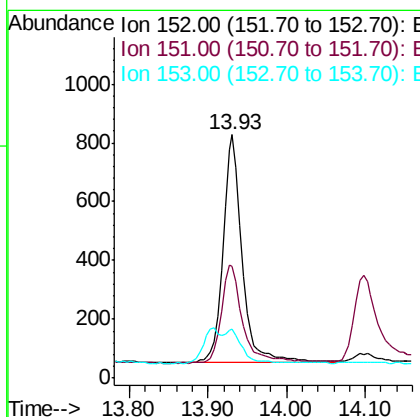
RT: 13.93 min Scan# 2983

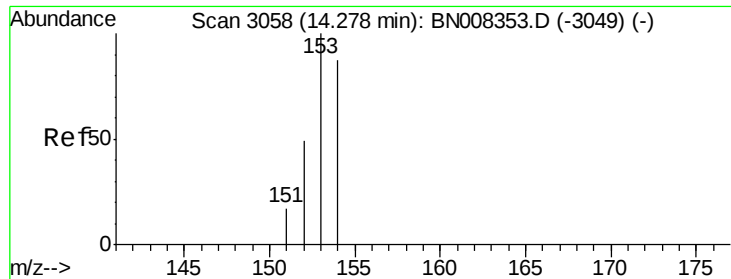
Delta R.T. -0.01 min

Lab File: BN008355.D

Acq: 23 Oct 2019 18:32

Tgt Ion:	152	Resp:	1324
Ion Ratio	Lower	Upper	
152	100		
151	46.1	16.2	24.4#
153	19.9	11.0	16.4#





#8

Acenaphthene

Concen: 0.023 ng/ul

RT: 14.28 min Scan# 3058

Delta R.T. -0.01 min

Lab File: BN008355.D

Acq: 23 Oct 2019 18:32

Instrument :

BNA_N

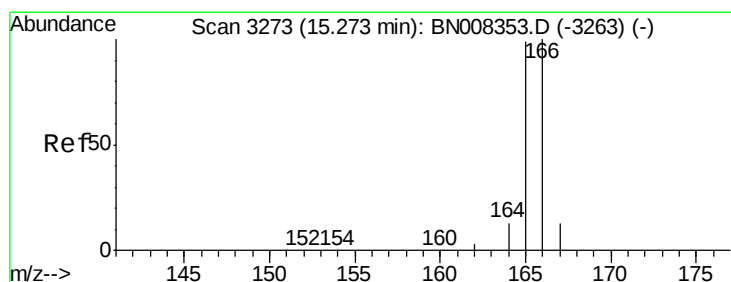
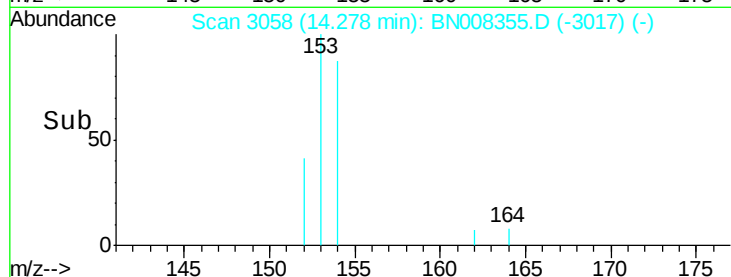
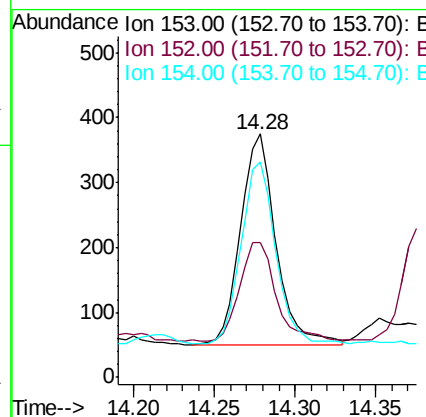
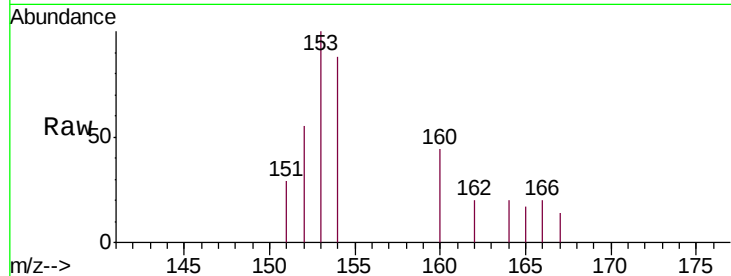
ClientSampleId :

BEPD9DL

Tgt Ion:	153	Resp:	491
Ion Ratio	Lower	Upper	
153	100		
152	55.2	38.2	57.2
154	88.3	71.8	107.8

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#9

Fluorene

Concen: 0.026 ng/ul

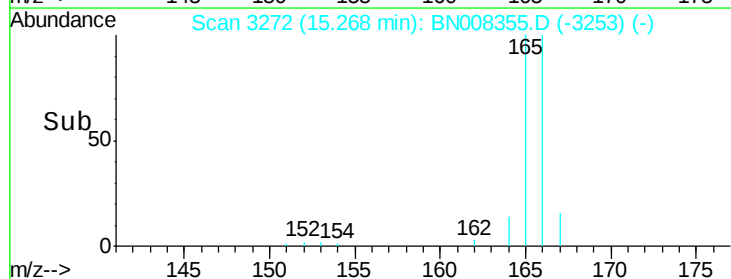
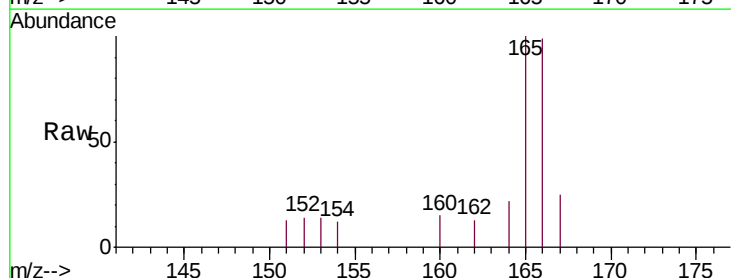
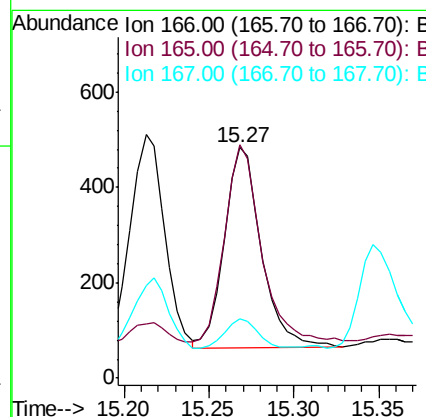
RT: 15.27 min Scan# 3272

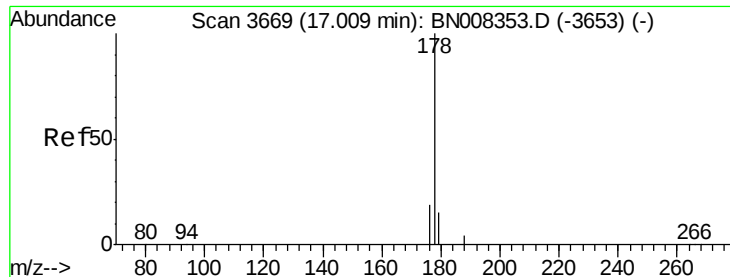
Delta R.T. -0.01 min

Lab File: BN008355.D

Acq: 23 Oct 2019 18:32

Tgt Ion:	166	Resp:	643
Ion Ratio	Lower	Upper	
166	100		
165	101.4	76.6	115.0
167	25.7	11.7	17.5#





#12

Phenanthrene

Concen: 0.402 ng/ul

RT: 17.00 min Scan# 3668

Delta R.T. -0.01 min

Lab File: BN008355.D

Acq: 23 Oct 2019 18:32

Instrument :

BNA_N

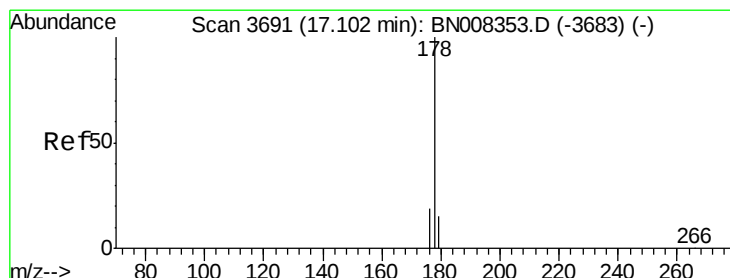
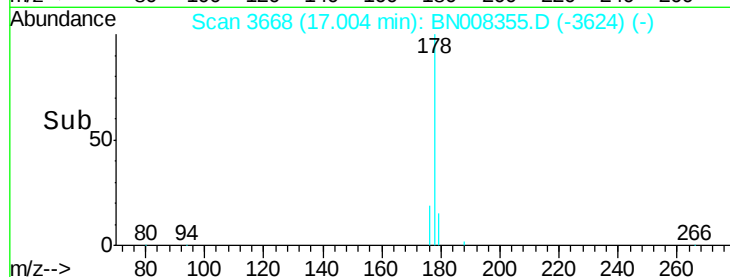
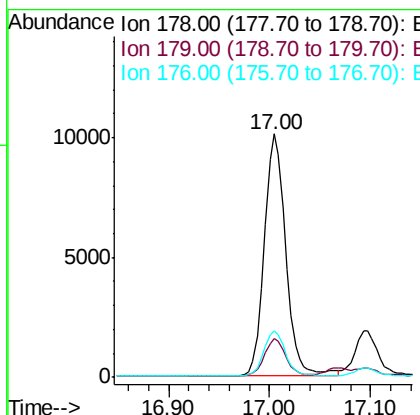
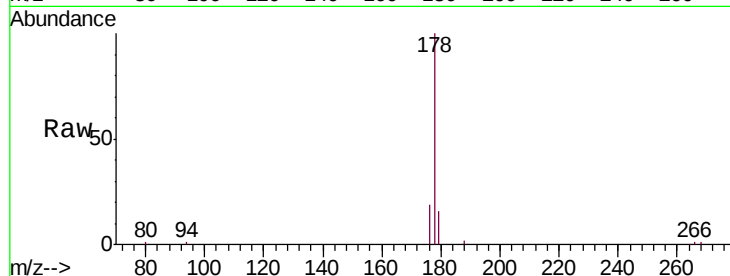
ClientSampleId :

BEPD9DL

Tgt Ion:	178	Resp:	14920
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.8	19.2
176	19.2	15.4	23.2

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#13

Anthracene

Concen: 0.084 ng/ul

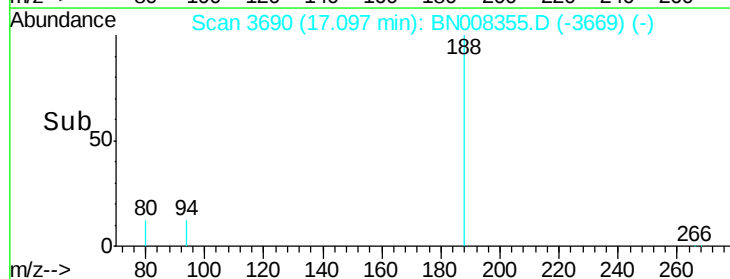
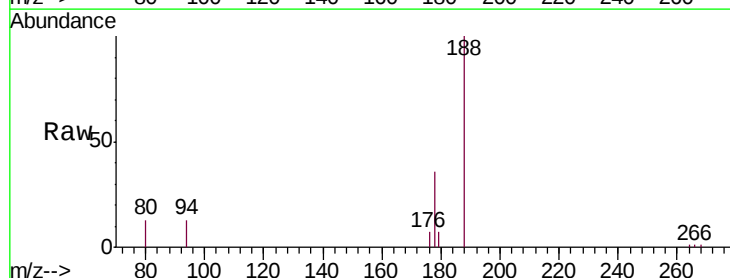
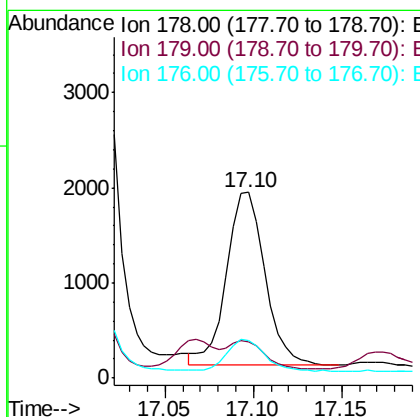
RT: 17.10 min Scan# 3690

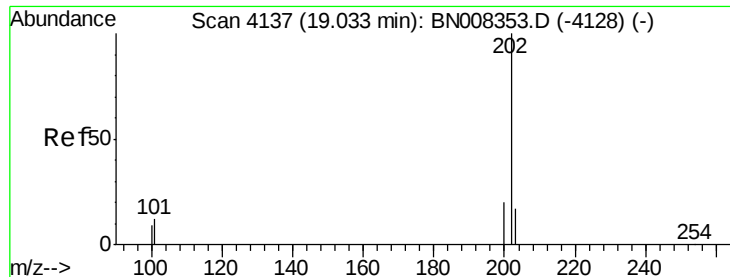
Delta R.T. -0.01 min

Lab File: BN008355.D

Acq: 23 Oct 2019 18:32

Tgt Ion:	178	Resp:	2752
Ion Ratio	Lower	Upper	
178	100		
179	19.5	13.0	19.6
176	20.6	15.0	22.6





#15

Fluoranthene

Concen: 0.818 ng/ul

RT: 19.03 min Scan# 4137

Delta R.T. -0.01 min

Lab File: BN008355.D

Acq: 23 Oct 2019 18:32

Instrument :

BNA_N

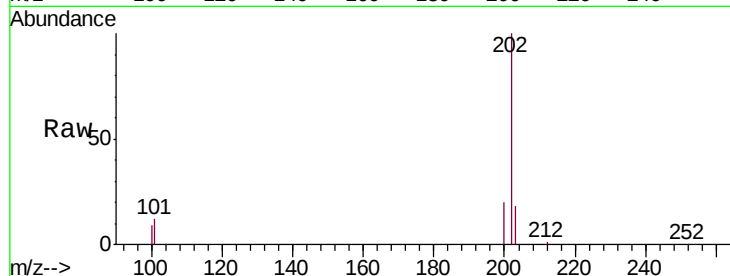
ClientSampleId :

BEPD9DL

Tgt Ion:	202	Resp:	40080
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	31.2
100	8.9	0.0	28.5

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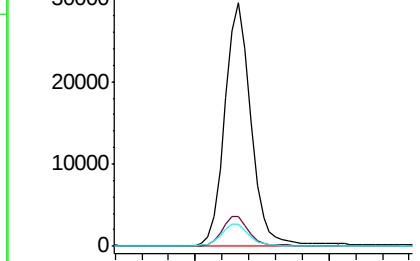
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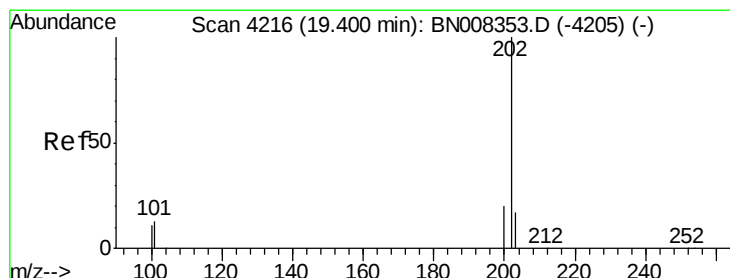
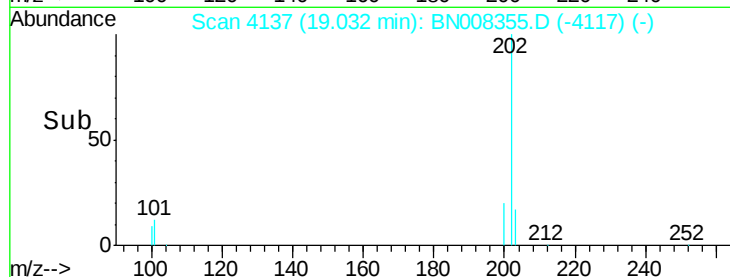
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#17

Pyrene

Concen: 0.894 ng/ul

RT: 19.39 min Scan# 4215

Delta R.T. -0.01 min

Lab File: BN008355.D

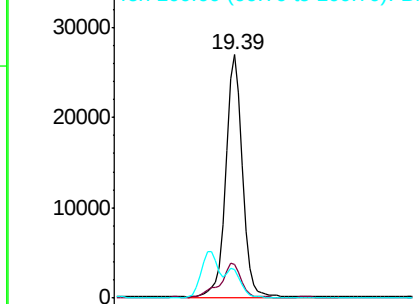
Acq: 23 Oct 2019 18:32

Tgt Ion:	202	Resp:	37668
Ion Ratio	Lower	Upper	
202	100		
101	14.1	10.9	16.3
100	11.8	8.7	13.1

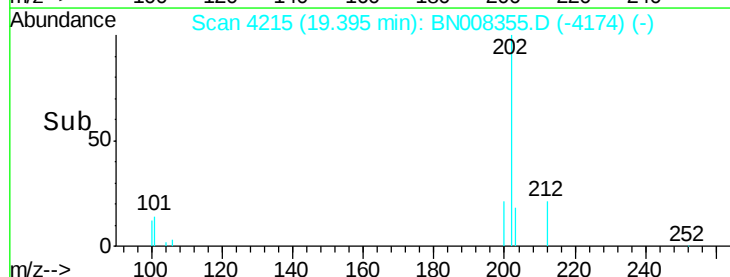
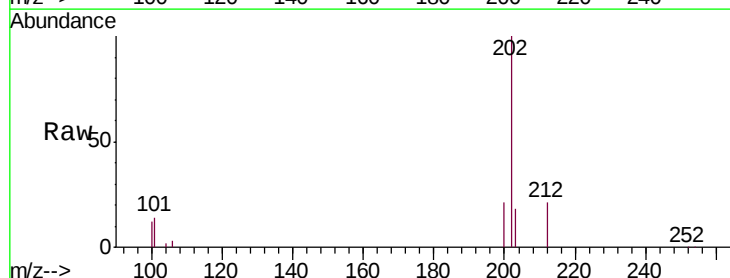
Abundance Ion 202.00 (201.70 to 202.70): E

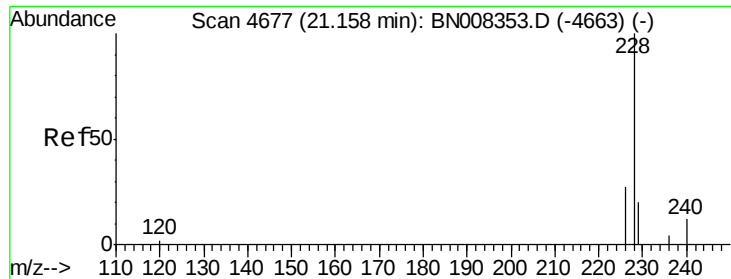
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





#18

Benzo(a)anthracene

Concen: 0.455 ng/ul

RT: 21.16 min Scan# 4677

Delta R.T. -0.01 min

Lab File: BN008355.D

Acq: 23 Oct 2019 18:32

Instrument :

BNA_N

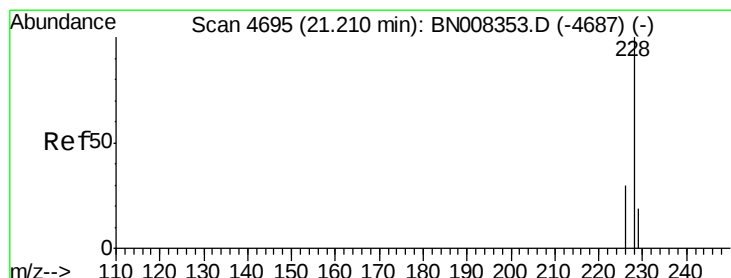
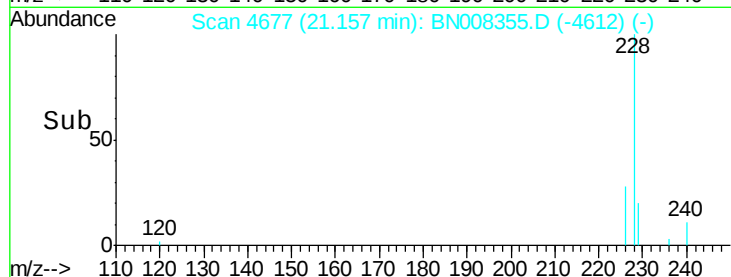
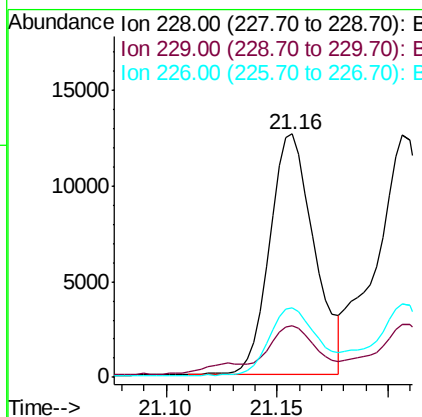
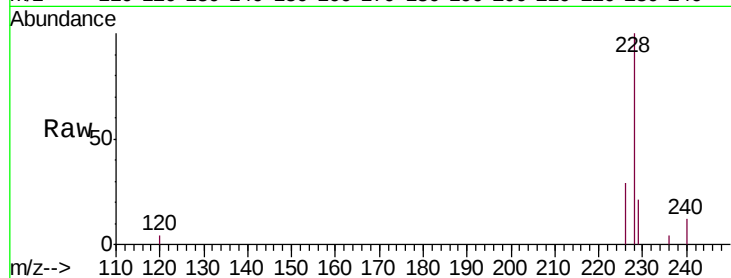
ClientSampleId :

BEPD9DL

Tgt Ion:	228	Resp:	17492
Ion Ratio	Lower	Upper	
228	100		
229	21.4	16.2	24.2
226	28.8	21.4	32.0

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#19

Chrysene

Concen: 0.453 ng/ul

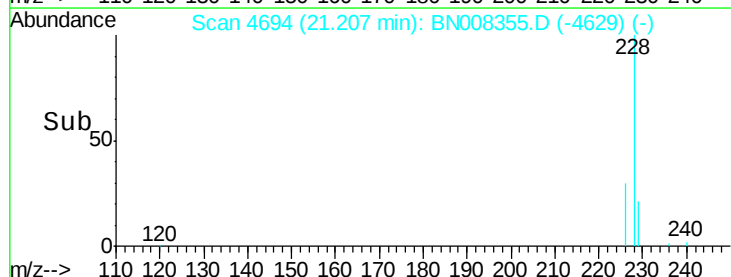
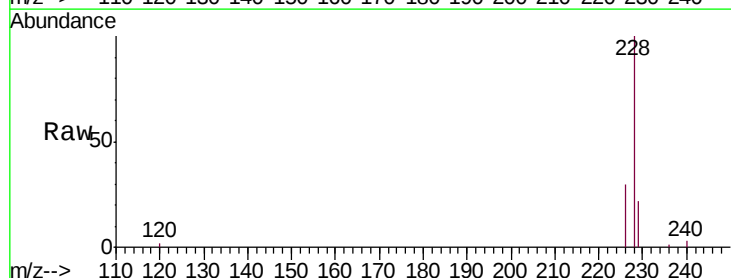
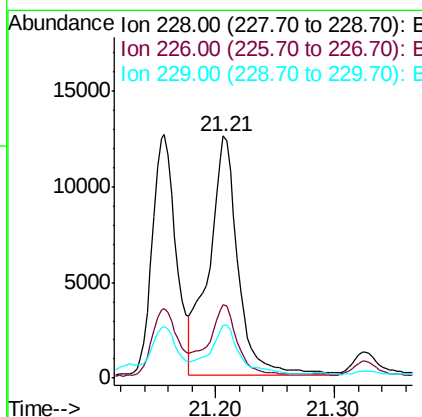
RT: 21.21 min Scan# 4694

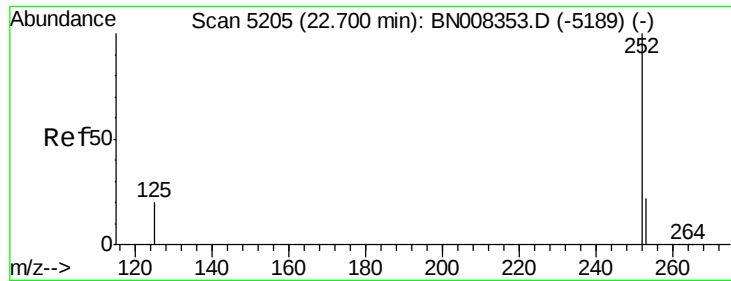
Delta R.T. -0.01 min

Lab File: BN008355.D

Acq: 23 Oct 2019 18:32

Tgt Ion:	228	Resp:	21412
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.1	36.1
229	21.9	16.2	24.2





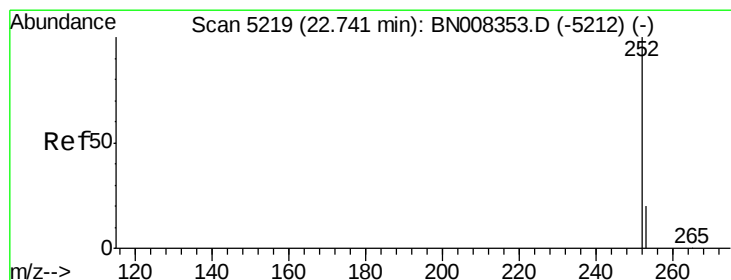
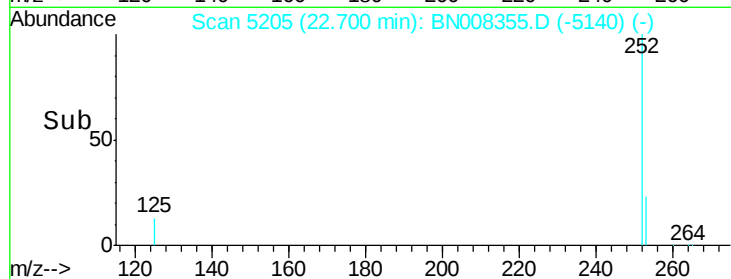
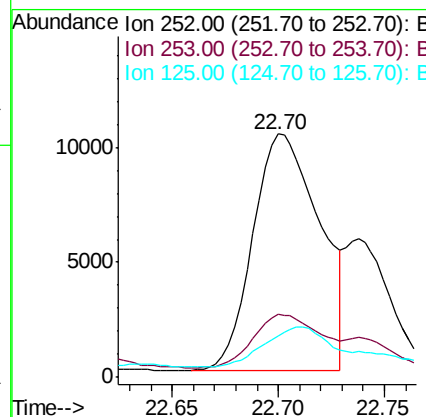
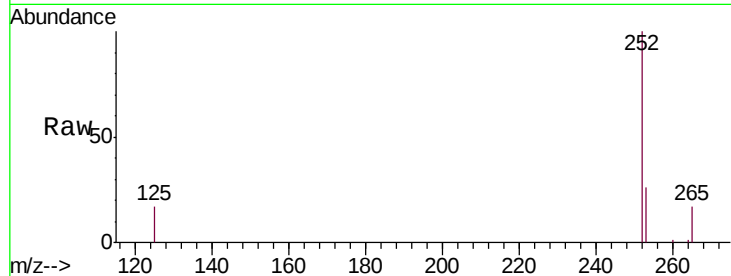
#21
Benzo(b)fluoranthene
Concen: 0.811 ng/ul m
RT: 22.70 min Scan# 5205
Delta R.T. -0.01 min
Lab File: BN008355.D
Acq: 23 Oct 2019 18:32

Instrument :
BNA_N
ClientSampleId :
BEPD9DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	0.0	53.4
125	16.7	0.0	32.4

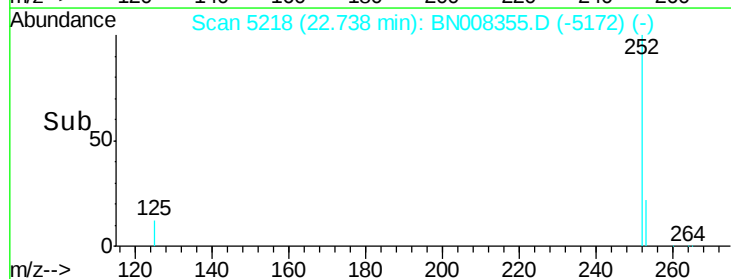
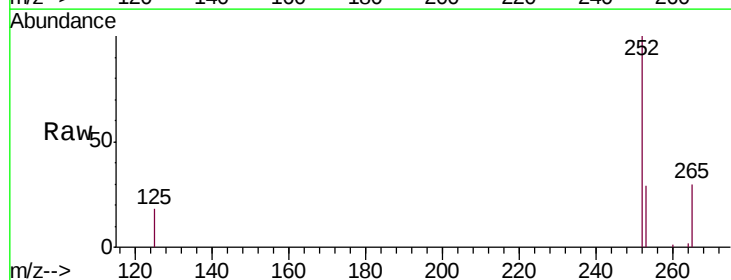
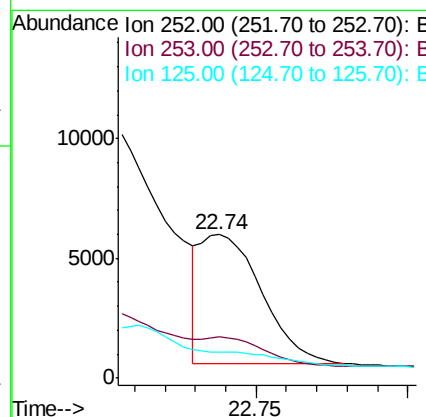
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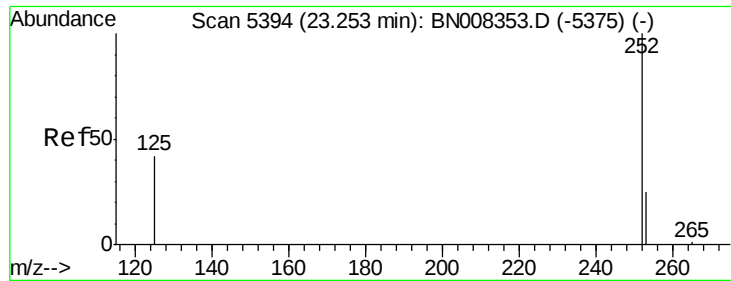
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#22
Benzo(k)fluoranthene
Concen: 0.239 ng/ul m
RT: 22.74 min Scan# 5218
Delta R.T. -0.01 min
Lab File: BN008355.D
Acq: 23 Oct 2019 18:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.0	21.3	31.9
125	18.4	12.3	18.5





#23

Benzo(a)pyrene

Concen: 0.493 ng/u1

RT: 23.25 min Scan# 5393

Delta R.T. -0.01 min

Lab File: BN008355.D

Acq: 23 Oct 2019 18:32

Instrument :

BNA_N

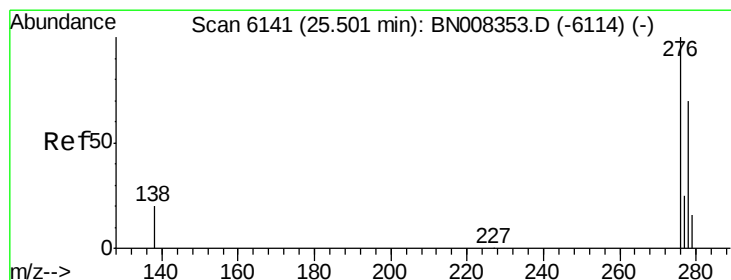
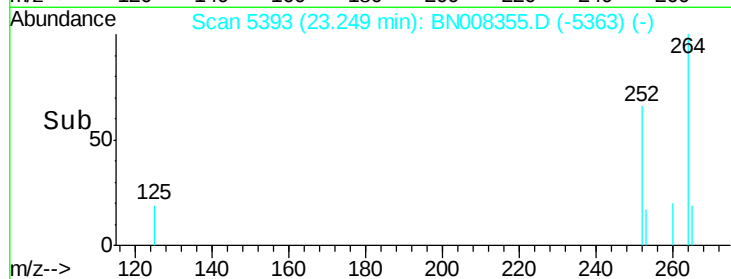
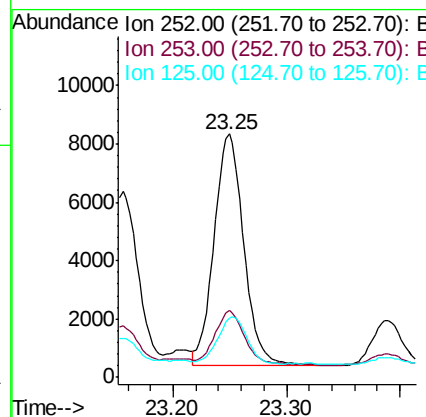
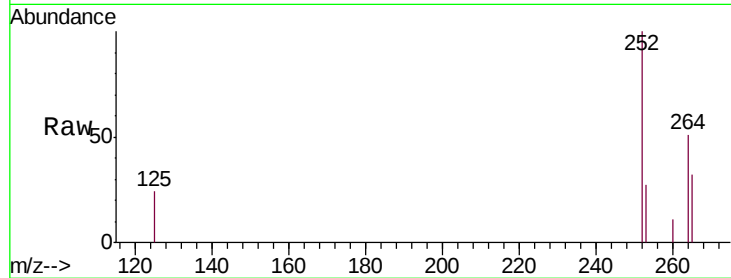
ClientSampleId :

BEPD9DL

Tgt Ion:	252	Resp:	14510
Ion Ratio	Lower	Upper	
252	100		
253	27.3	22.8	34.2
125	24.4	18.4	27.6

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.260 ng/u1

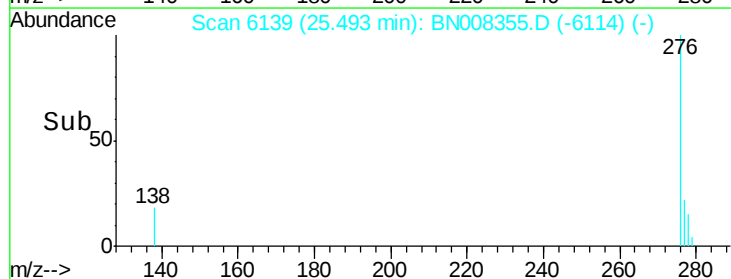
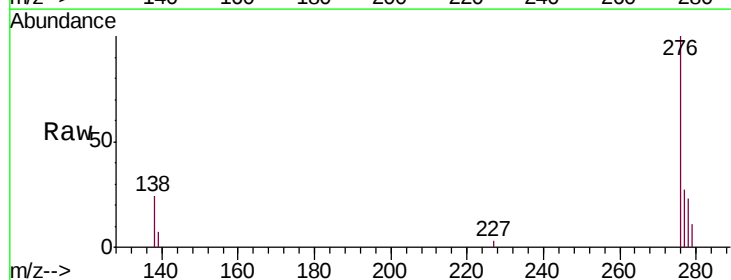
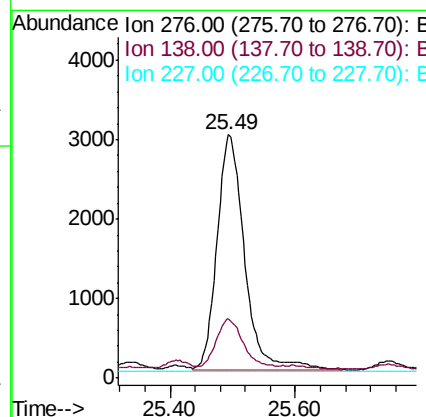
RT: 25.49 min Scan# 6139

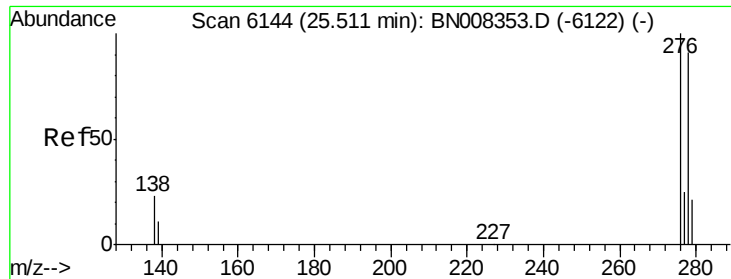
Delta R.T. -0.02 min

Lab File: BN008355.D

Acq: 23 Oct 2019 18:32

Tgt Ion:	276	Resp:	9012
Ion Ratio	Lower	Upper	
276	100		
138	20.2	16.1	24.1
227	0.1	0.2	0.2#





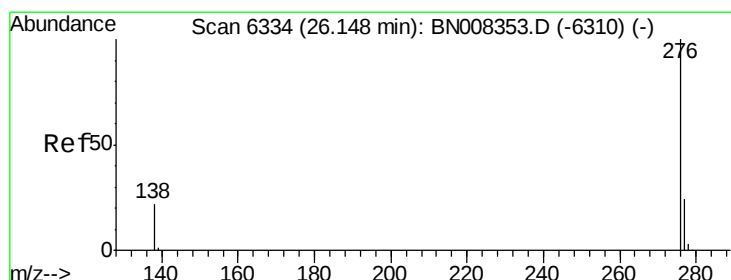
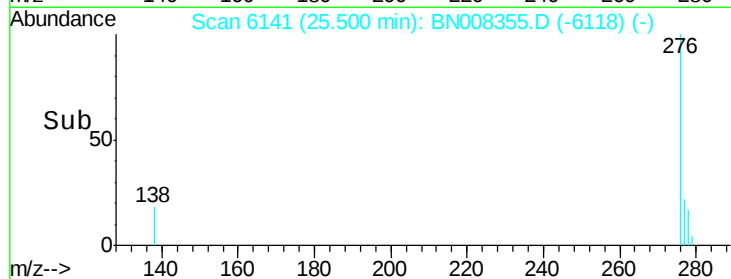
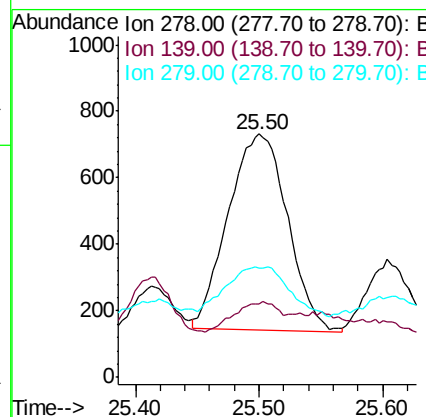
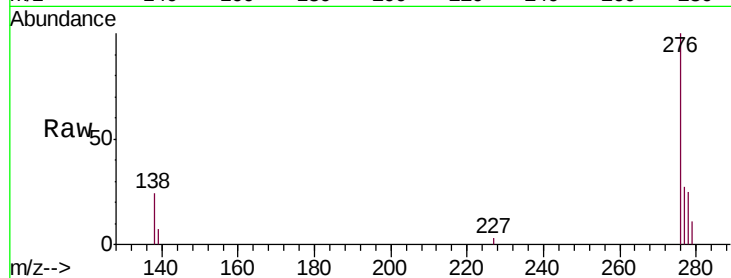
#25
Dibenzo(a,h)anthracene
Concen: 0.072 ng/u1
RT: 25.50 min Scan# 6141
Delta R.T. -0.02 min
Lab File: BN008355.D
Acq: 23 Oct 2019 18:32

Instrument :
BNA_N
ClientSampleId :
BEPD9DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.9	15.0	22.6#
279	44.8	22.4	33.6#

Manual Integrations
APPROVED

mohammad
10/24/2019 8:06:46 AM



#26
Benzo(g,h,i)perylene
Concen: 0.218 ng/u1
RT: 26.15 min Scan# 6335
Delta R.T. -0.02 min
Lab File: BN008355.D
Acq: 23 Oct 2019 18:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	17.0	25.4
277	26.7	20.4	30.6

