

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102219\
 Data File : BN008357.D
 Acq On : 23 Oct 2019 19:44
 Operator : JU
 Sample : K5223-10DL 2X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPE2DL

Manual Integrations
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Quant Time: Oct 24 01:57:51 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	1935	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.34	136	9333	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5983	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	12857	0.40	ng/ul	-0.01
16) Chrysene-d12	21.17	240	10701	0.40	ng/ul	-0.01
20) Perylene-d12	23.34	264	8627	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	1393	0.09	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	4116	0.09	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.39	128	1025	0.039	ng/ul#	85
5) 2-Methylnaphthalene	12.02	142	590	0.032	ng/ul	99
7) Acenaphthylene	13.93	152	703	0.025	ng/ul#	75
8) Acenaphthene	14.28	153	2634	0.119	ng/ul	98
9) Fluorene	15.27	166	2766	0.110	ng/ul	98
12) Phenanthrene	17.00	178	46864	1.245	ng/ul	99
13) Anthracene	17.09	178	9432	0.285	ng/ul	98
15) Fluoranthene	19.03	202	59995	1.207	ng/ul	96
17) Pyrene	19.39	202	54221	1.273	ng/ul	99
18) Benzo(a)anthracene	21.15	228	26916	0.692	ng/ul	97
19) Chrysene	21.20	228	26416	0.553	ng/ul	97
21) Benzo(b)fluoranthene	22.70	252	25539m	0.909	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	9246m	0.291	ng/ul	
23) Benzo(a)pyrene	23.25	252	18699	0.633	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.49	276	10184	0.293	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.49	278	3305	0.120	ng/ul#	79
26) Benzo(g,h,i)perylene	26.14	276	9087	0.285	ng/ul	95

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

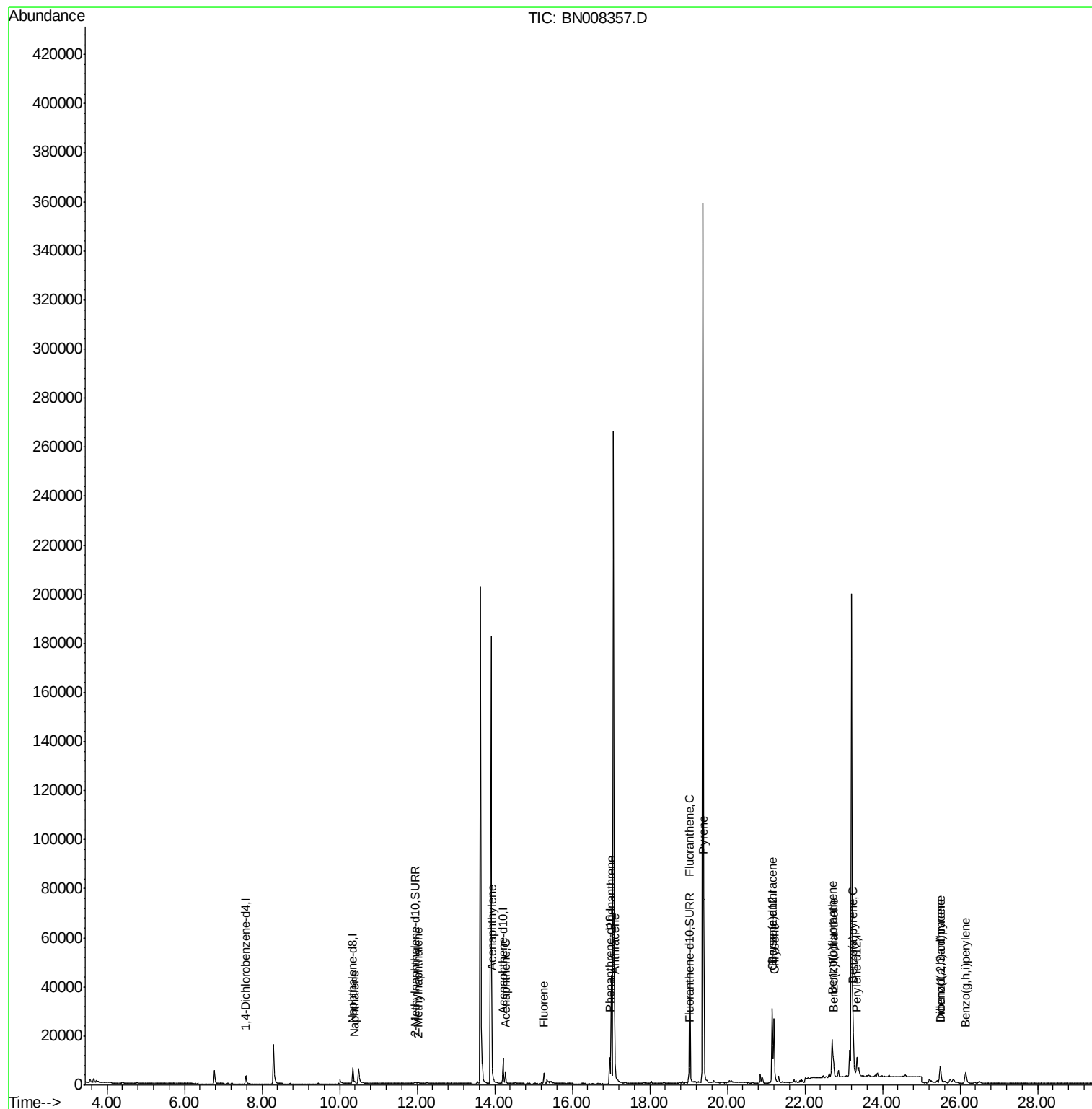
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102219\
Data File : BN008357.D
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ALS Vial : 50 Sample Multiplier: 1

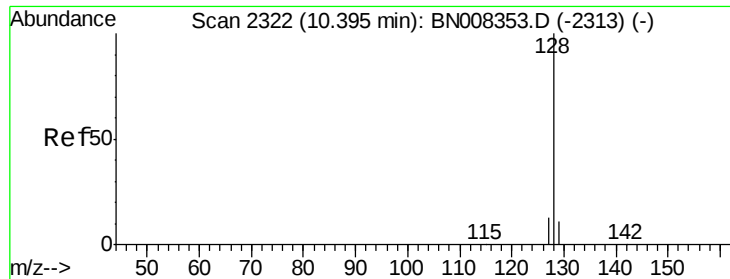
Instrument :
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Quant Time: Oct 24 01:57:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 14:07:55 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.039 ng/ul

RT: 10.39 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BN008357.D

Acq: 23 Oct 2019 19:44

Instrument :

BNA_N

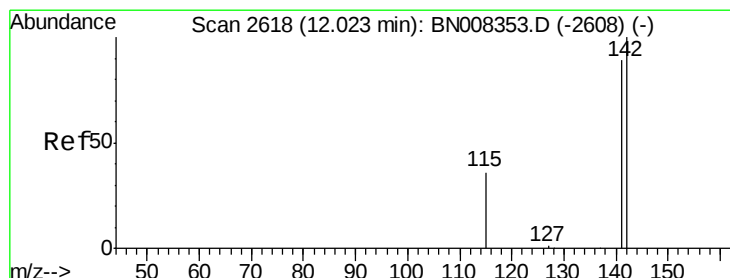
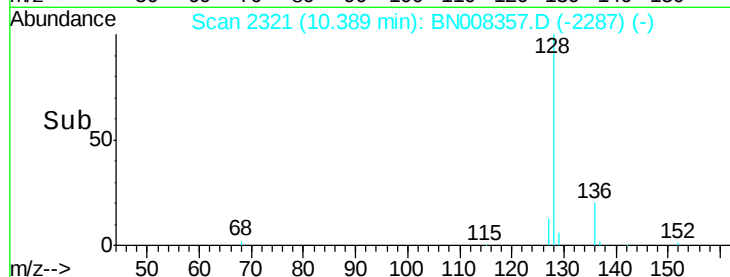
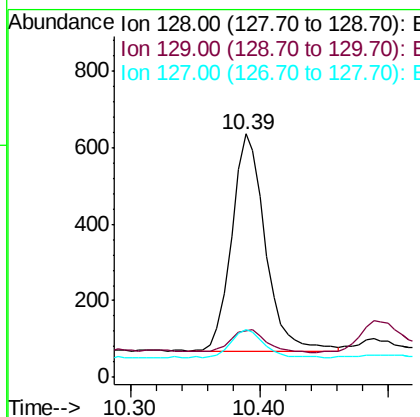
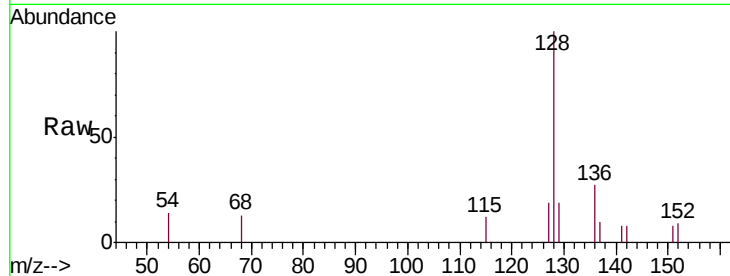
ClientSampleId :

BEPE2DL

Tgt Ion:	128	Resp:	1025
Ion Ratio	Lower	Upper	
128	100		
129	19.0	9.8	14.8#
127	19.5	11.1	16.7#

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#5

2-Methylnaphthalene

Concen: 0.032 ng/ul

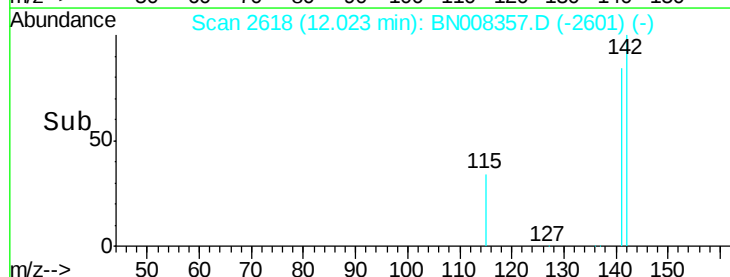
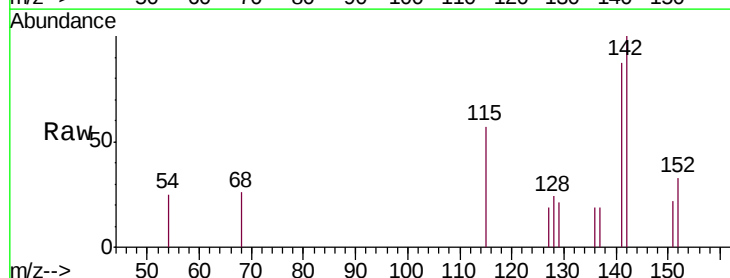
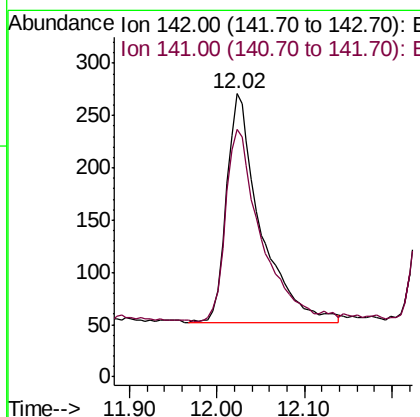
RT: 12.02 min Scan# 2618

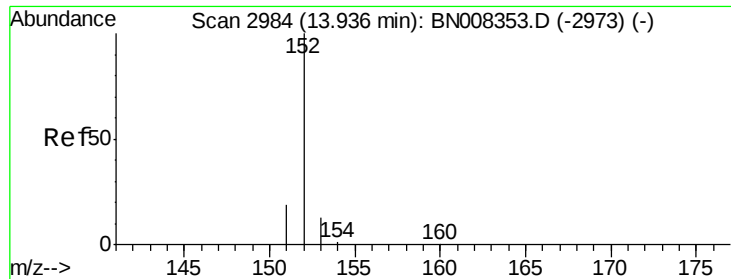
Delta R.T. -0.01 min

Lab File: BN008357.D

Acq: 23 Oct 2019 19:44

Tgt Ion:	142	Resp:	590
Ion Ratio	Lower	Upper	
142	100		
141	88.8	71.4	107.2





#7

Acenaphthylene

Concen: 0.025 ng/ul

RT: 13.93 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BN008357.D

Acq: 23 Oct 2019 19:44

Instrument :

BNA_N

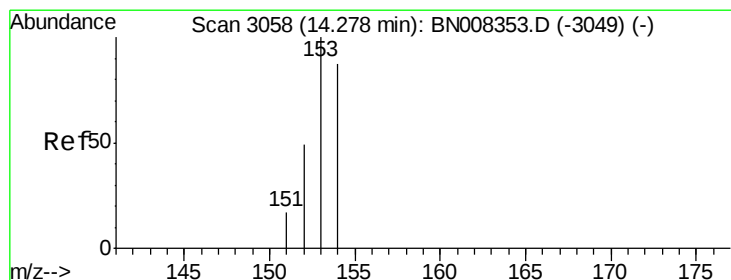
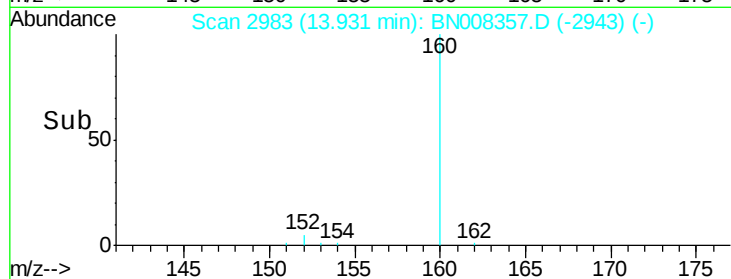
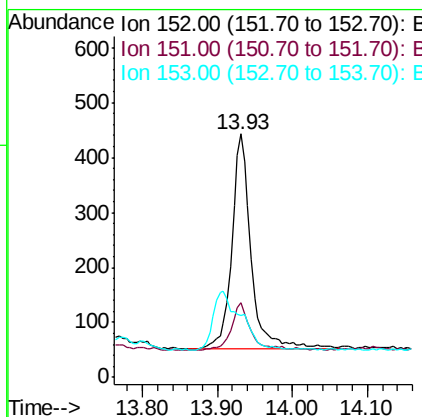
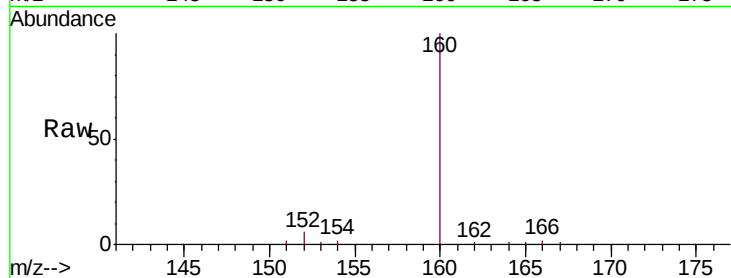
ClientSampleId :

BEPE2DL

Tgt Ion	Ratio	Lower	Upper
152	100		
151	30.7	16.2	24.4#
153	25.5	11.0	16.4#

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#8

Acenaphthene

Concen: 0.119 ng/ul

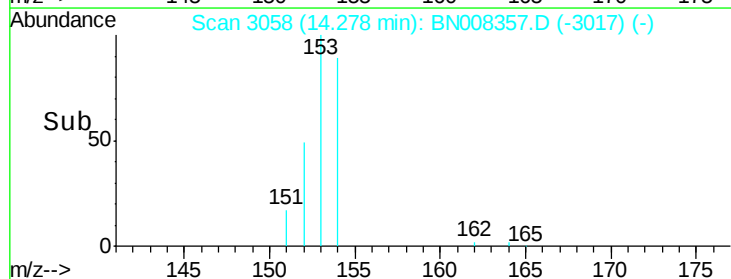
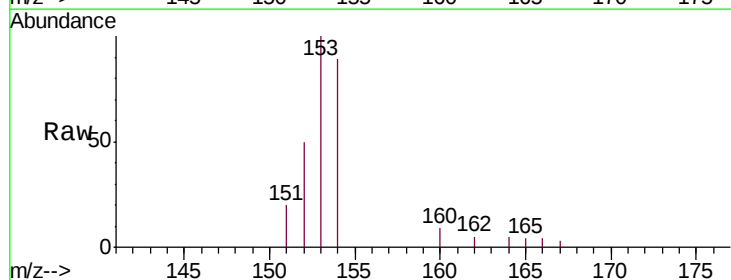
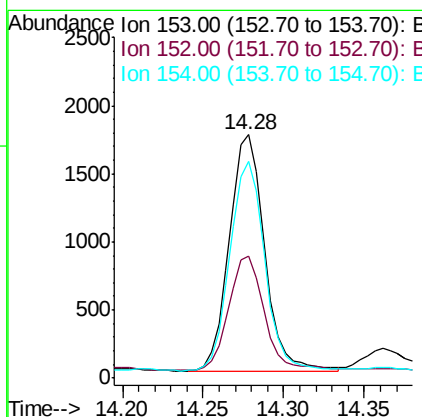
RT: 14.28 min Scan# 3058

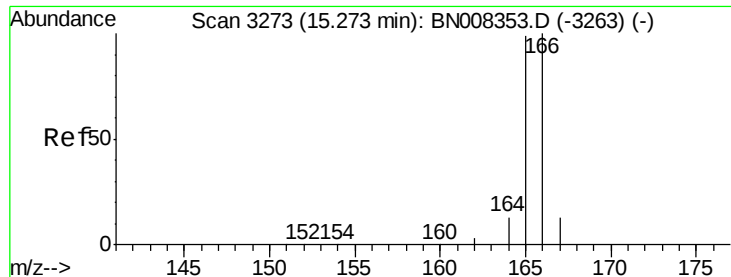
Delta R.T. -0.01 min

Lab File: BN008357.D

Acq: 23 Oct 2019 19:44

Tgt Ion	Ratio	Lower	Upper
153	100		
152	50.3	38.2	57.2
154	89.2	71.8	107.8





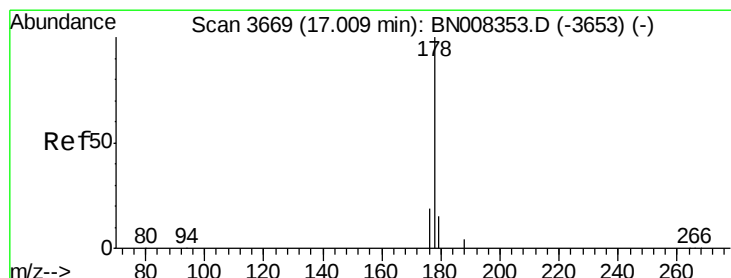
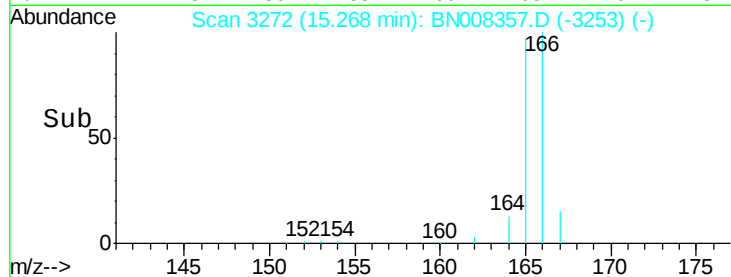
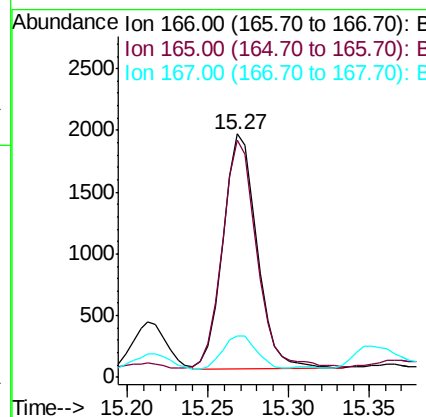
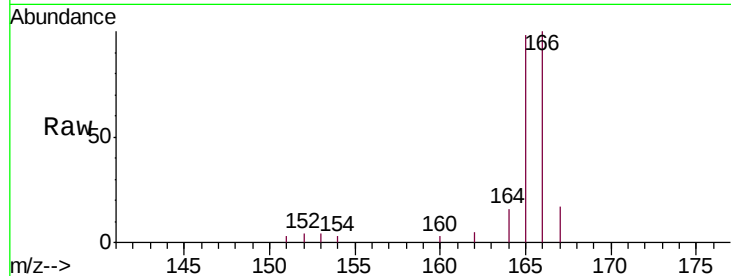
#9
Fluorene
 Concen: 0.110 ng/ul
 RT: 15.27 min Scan# 3272
 Delta R.T. -0.01 min
 Lab File: BN008357.D
 Acq: 23 Oct 2019 19:44

Instrument :
 BNA_N
 ClientSampleId :
 BEPE2DL

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	76.6	115.0
167	17.2	11.7	17.5

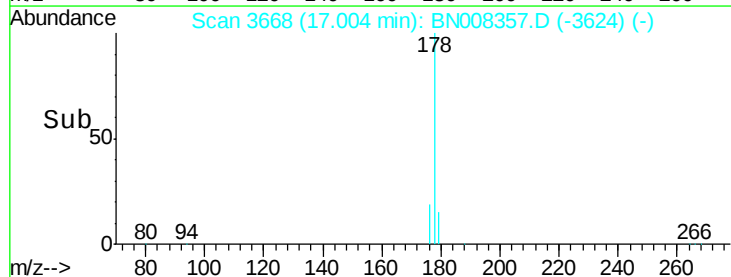
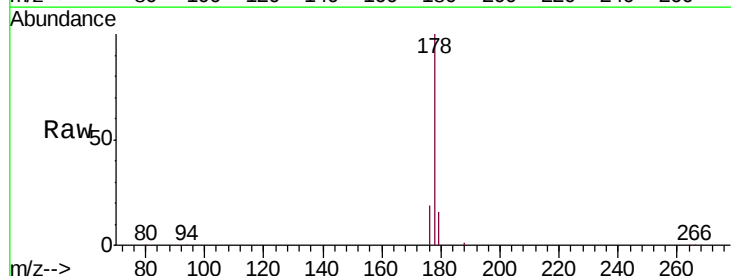
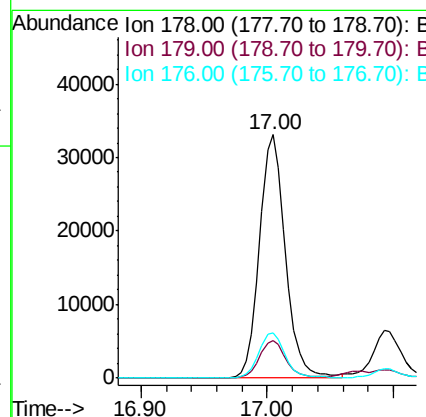
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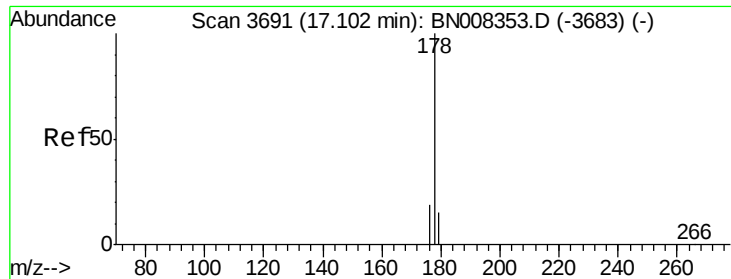
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#12
Phenanthrene
 Concen: 1.245 ng/ul
 RT: 17.00 min Scan# 3668
 Delta R.T. -0.01 min
 Lab File: BN008357.D
 Acq: 23 Oct 2019 19:44

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	18.7	15.4	23.2





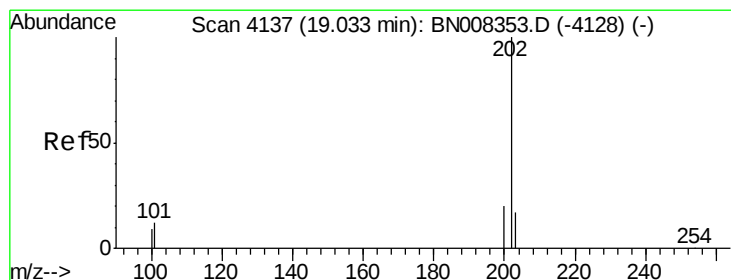
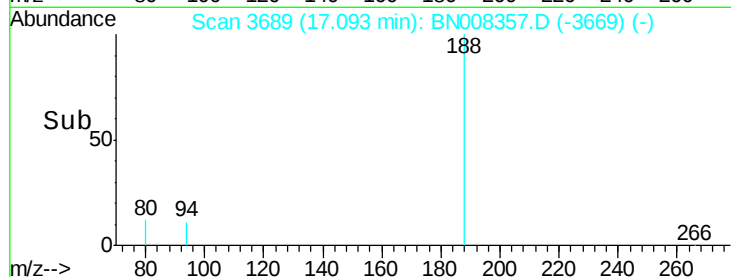
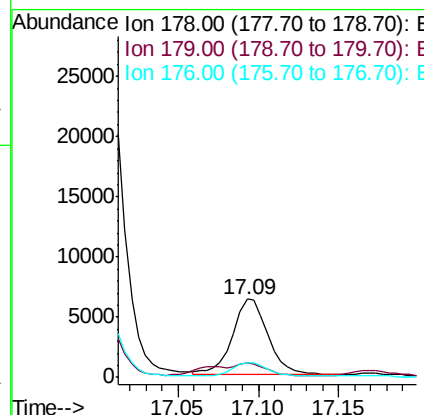
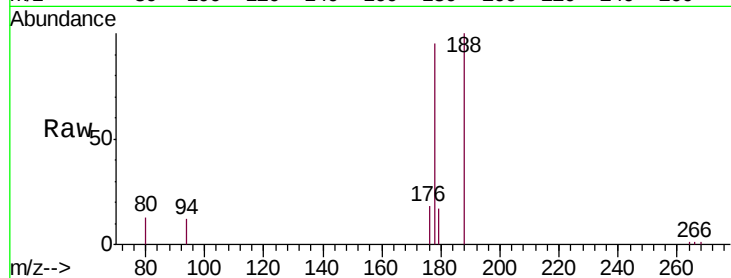
#13
 Anthracene
 Concen: 0.285 ng/ul
 RT: 17.09 min Scan# 3689
 Delta R.T. -0.02 min
 Lab File: BN008357.D
 Acq: 23 Oct 2019 19:44

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.1	13.0	19.6
176	18.9	15.0	22.6

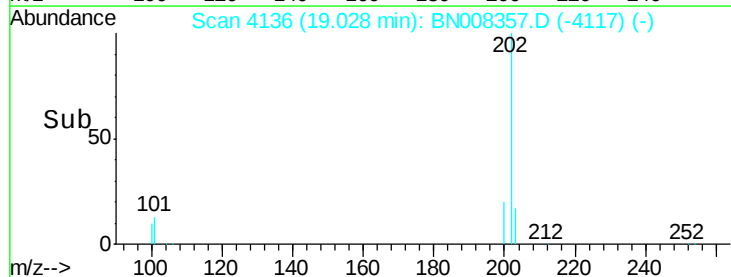
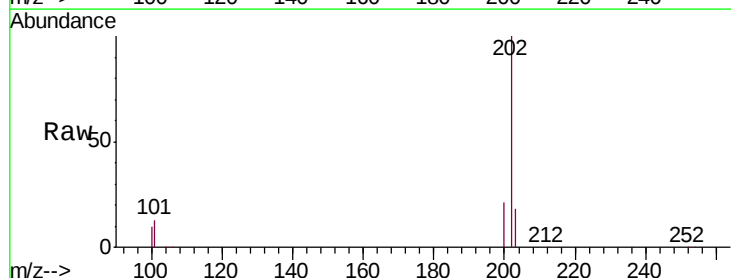
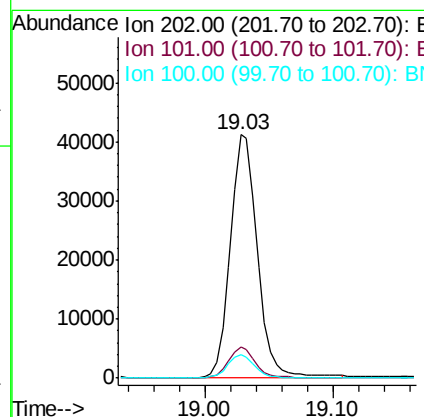
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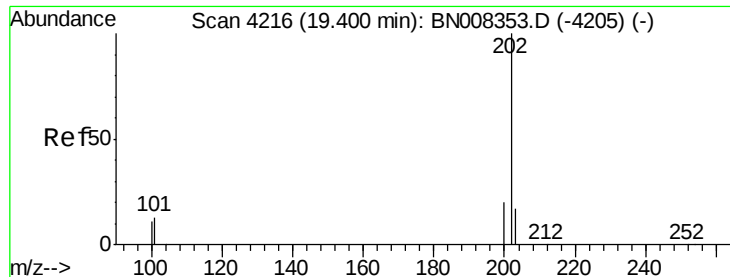
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#15
 Fluoranthene
 Concen: 1.207 ng/ul
 RT: 19.03 min Scan# 4136
 Delta R.T. -0.01 min
 Lab File: BN008357.D
 Acq: 23 Oct 2019 19:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	31.2
100	9.8	0.0	28.5





#17

Pyrene

Concen: 1.273 ng/ul

RT: 19.39 min Scan# 4215

Delta R.T. -0.01 min

Lab File: BN008357.D

Acq: 23 Oct 2019 19:44

Instrument :

BNA_N

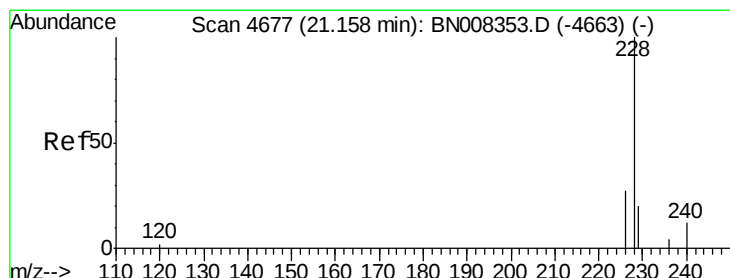
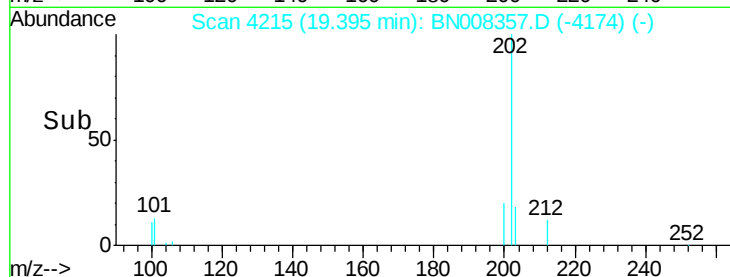
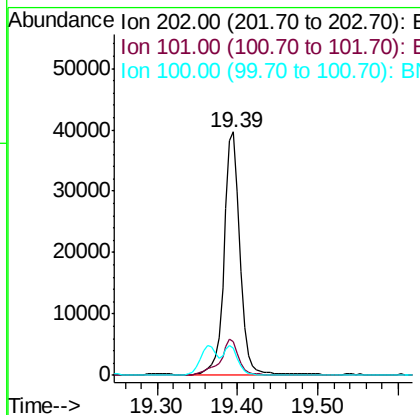
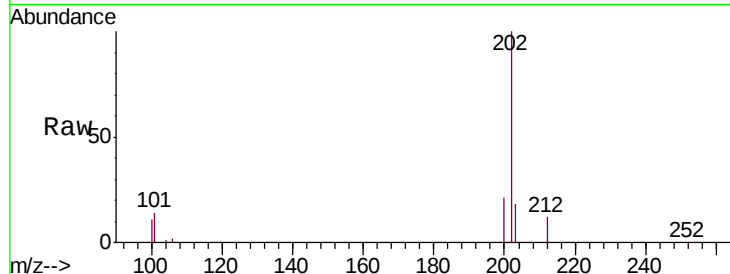
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Tgt Ion:	202	Resp:	54221
Ion Ratio	Lower	Upper	
202	100		
101	13.7	10.9	16.3
100	11.3	8.7	13.1

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#18

Benzo(a)anthracene

Concen: 0.692 ng/ul

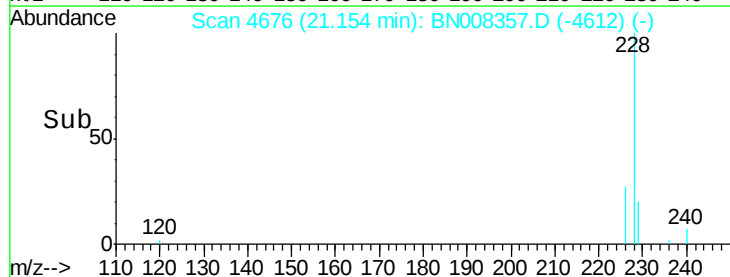
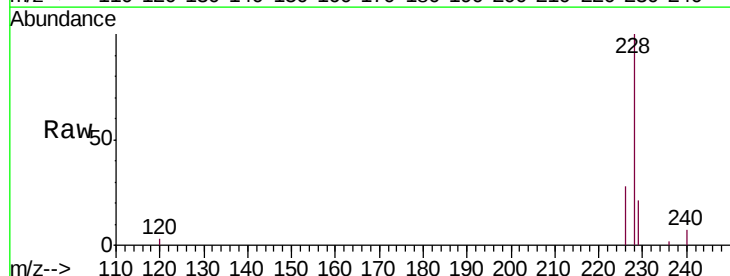
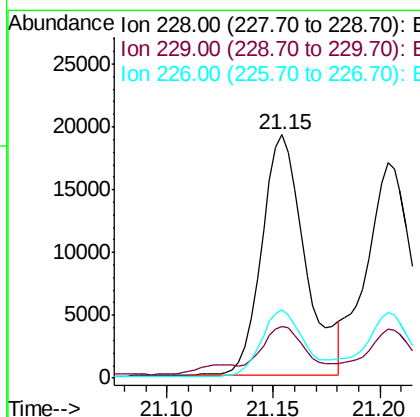
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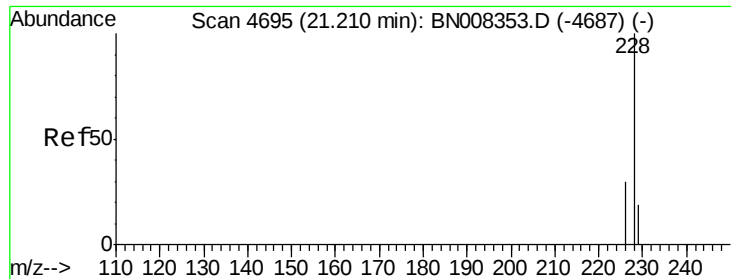
Delta R.T. -0.01 min

Lab File: BN008357.D

Acq: 23 Oct 2019 19:44

Tgt Ion:	228	Resp:	26916
Ion Ratio	Lower	Upper	
228	100		
229	21.4	16.2	24.2
226	27.9	21.4	32.0





#19

Chrysene

Concen: 0.553 ng/ul

RT: 21.20 min Scan# 4693

Delta R.T. -0.01 min

Lab File: BN008357.D

Acq: 23 Oct 2019 19:44

Instrument :

BNA_N

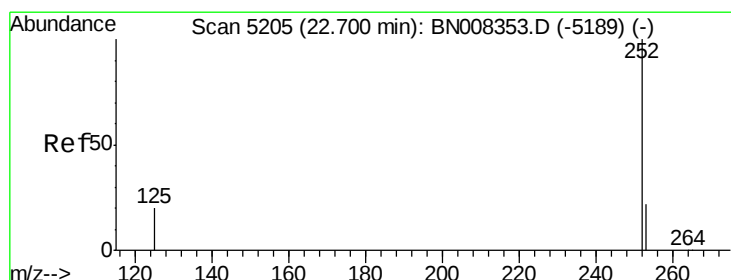
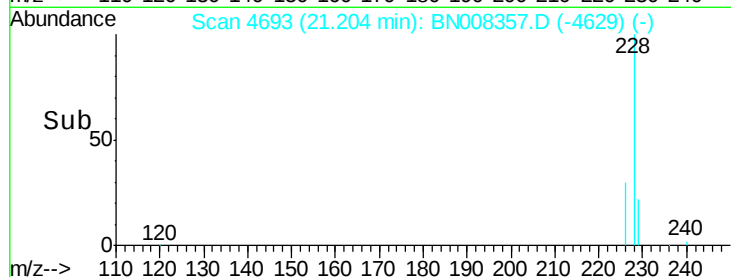
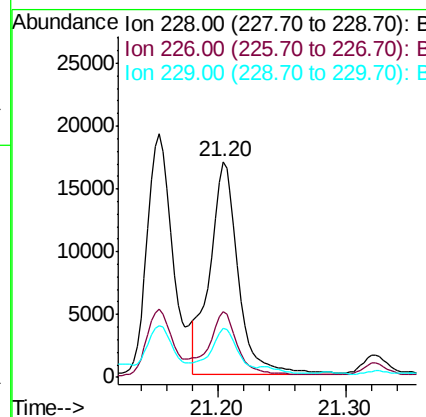
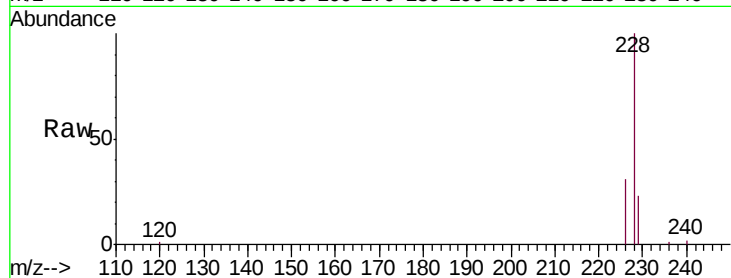
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Tgt Ion:	228	Resp:	26416
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.1	36.1
229	22.8	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 0.909 ng/ul m

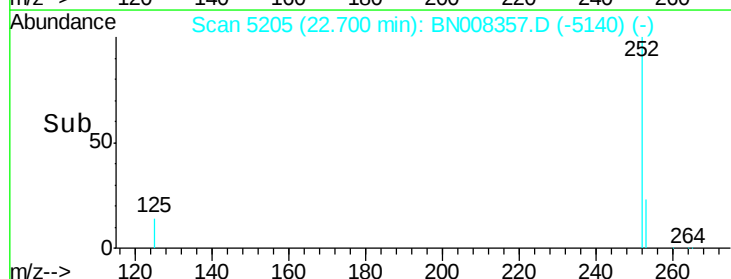
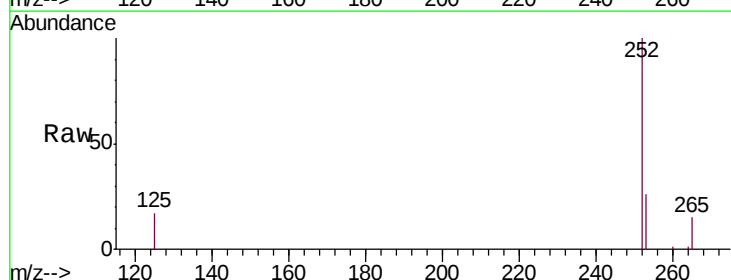
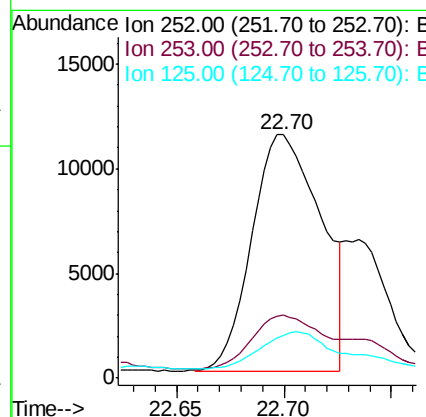
RT: 22.70 min Scan# 5205

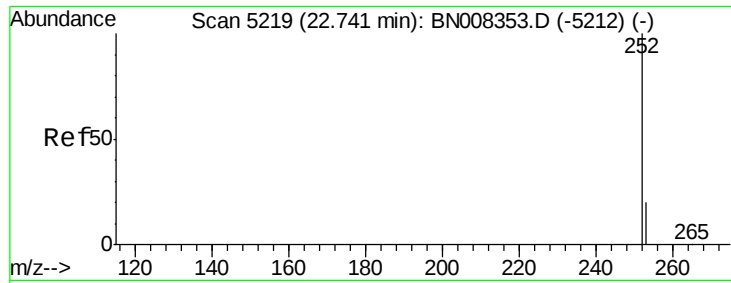
Delta R.T. -0.01 min

Lab File: BN008357.D

Acq: 23 Oct 2019 19:44

Tgt Ion:	252	Resp:	25539
Ion Ratio	Lower	Upper	
252	100		
253	25.8	0.0	53.4
125	17.4	0.0	32.4





#22

Benzo(k)fluoranthene

Concen: 0.291 ng/ul m

RT: 22.73 min Scan# 5217

Delta R.T. -0.02 min

Lab File: BN008357.D

Acq: 23 Oct 2019 19:44

Instrument :

BNA_N

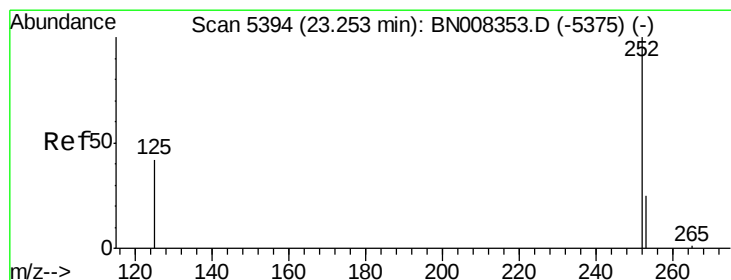
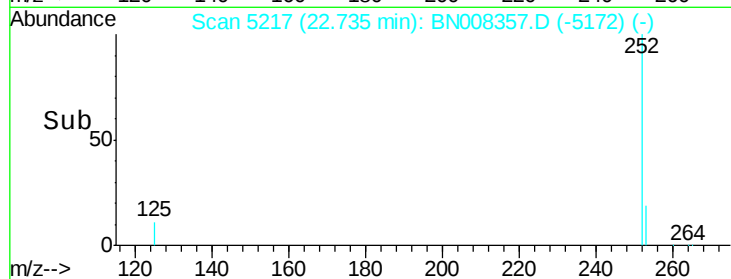
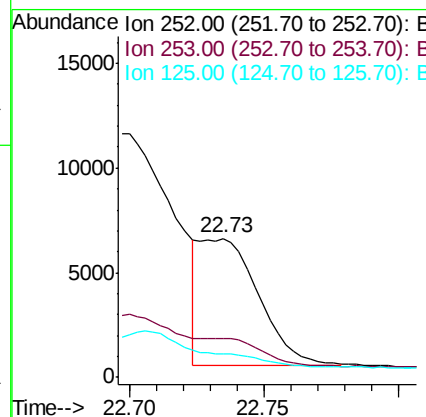
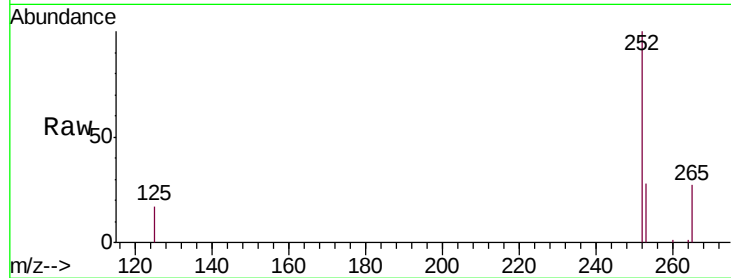
ClientSampleId :

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Tgt Ion:	252	Resp:	9246
Ion Ratio	Lower	Upper	
252	100		
253	28.2	21.3	31.9
125	17.0	12.3	18.5

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#23

Benzo(a)pyrene

Concen: 0.633 ng/ul

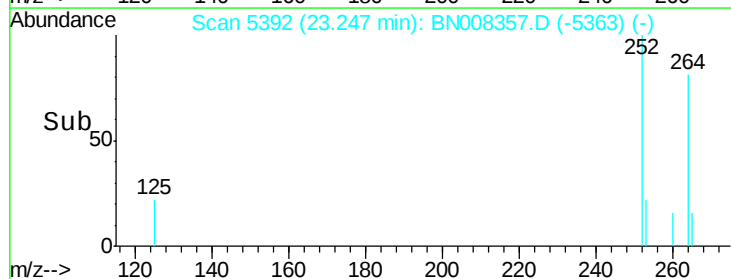
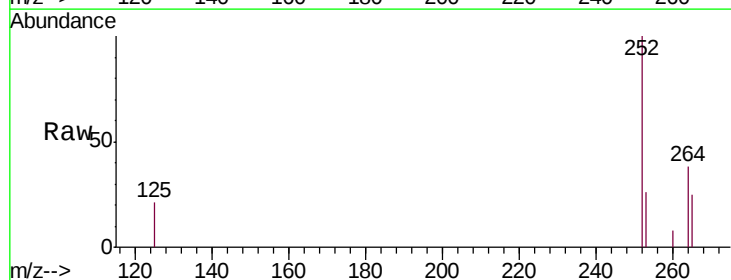
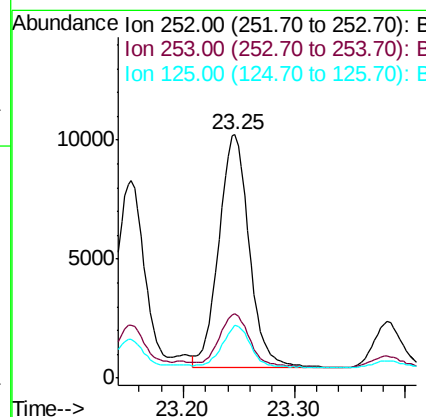
RT: 23.25 min Scan# 5392

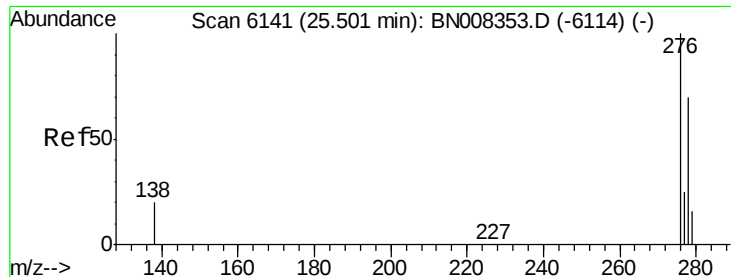
Delta R.T. -0.01 min

Lab File: BN008357.D

Acq: 23 Oct 2019 19:44

Tgt Ion:	252	Resp:	18699
Ion Ratio	Lower	Upper	
252	100		
253	26.2	22.8	34.2
125	21.5	18.4	27.6





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.293 ng/ul

RT: 25.49 min Scan# 6138

Delta R.T. -0.02 min

Lab File: BN008357.D

Acq: 23 Oct 2019 19:44

Instrument :

BNA_N

ClientSampleId :

BEPE2DL

Tgt Ion: 276 Resp: 10184

Ion Ratio Lower Upper

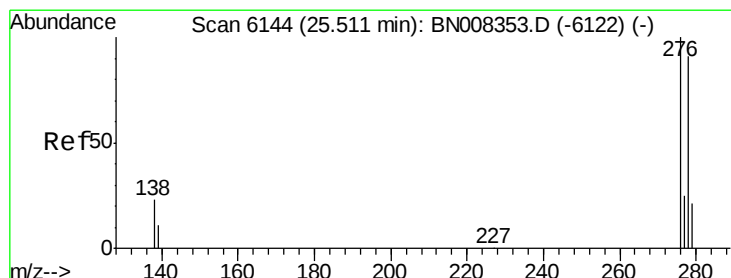
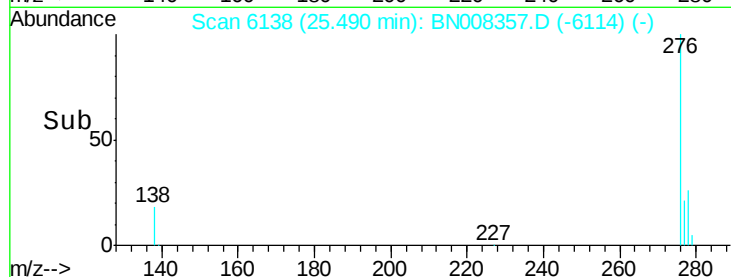
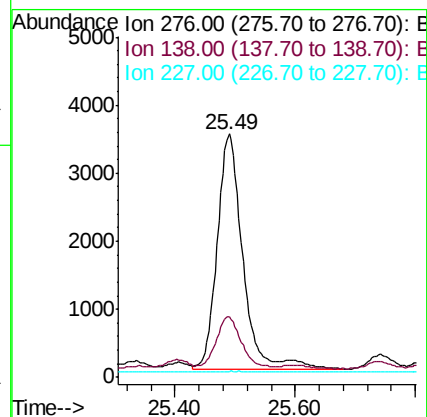
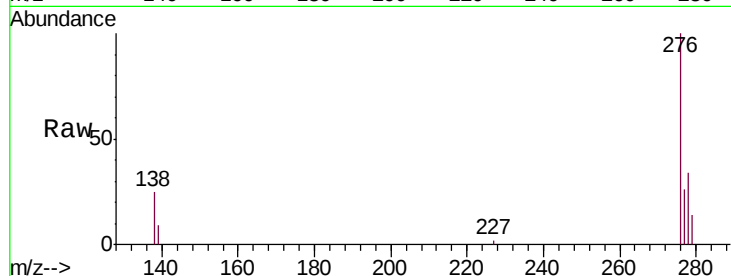
276 100

138 19.0 16.1 24.1

227 0.1 0.2 0.2#

Manual Integrations
APPROVED

mohammad
10/24/2019 8:06:51 AM



#25

Dibenzo(a,h)anthracene

Concen: 0.120 ng/ul

RT: 25.49 min Scan# 6139

Delta R.T. -0.03 min

Lab File: BN008357.D

Acq: 23 Oct 2019 19:44

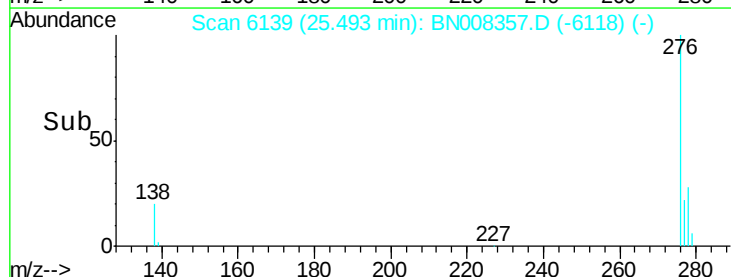
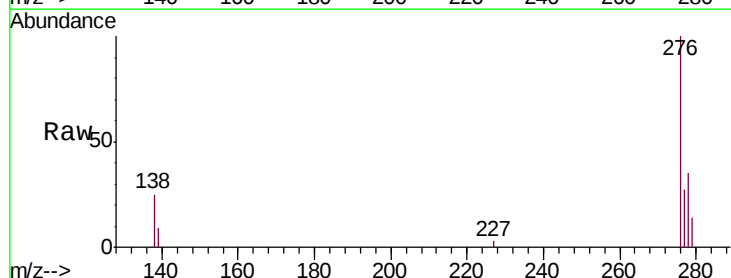
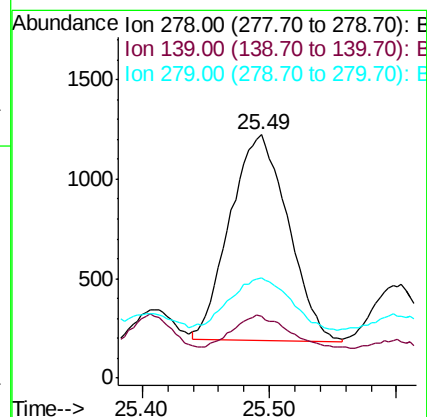
Tgt Ion: 278 Resp: 3305

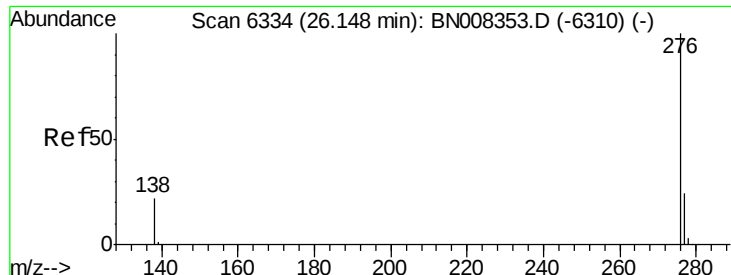
Ion Ratio Lower Upper

278 100

139 25.2 15.0 22.6#

279 41.2 22.4 33.6#





#26
Benzo(g,h,i)perylene
Concen: 0.285 ng/u1
RT: 26.14 min Scan# 6333
Delta R.T. -0.02 min
Lab File: BN008357.D
Acq: 23 Oct 2019 19:44

Instrument :
BNA_N
ClientSampleId :
BEPE2DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	17.0	25.4
277	26.6	20.4	30.6

Manual Integrations
APPROVED

mohammad
10/24/2019 8:06:51 AM

