

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
 Data File : BN008299.D
 Acq On : 22 Oct 2019 01:25
 Operator : JU
 Sample : K5199-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP76

Manual Integrations
 APPROVED

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Quant Time: Oct 22 03:48:49 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 : Mon Oct 21 23:58:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1709	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	8021	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5041	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	11234m	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	10020	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	9888	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	4098	0.30	ng/ul	-0.01
14) Fluoranthene-d10	19.01	212	12138	0.31	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.39	128	23991	1.051	ng/ul	99
5) 2-Methylnaphthalene	12.02	142	12044	0.769	ng/ul	99
7) Acenaphthylene	13.94	152	53998	2.249	ng/ul	100
8) Acenaphthene	14.28	153	30586	1.638	ng/ul	99
9) Fluorene	15.27	166	40600	1.915	ng/ul	97
11) Pentachlorophenol	16.63	266	185	0.068	ng/ul	91
12) Phenanthrene	17.01	178	883129	26.851	ng/ul	99
13) Anthracene	17.10	178	173237	5.985	ng/ul	99
15) Fluoranthene	19.04	202	2124116	48.898	ng/ul	98
17) Pyrene	19.40	202	2121926	53.186	ng/ul	96
18) Benzo(a)anthracene	21.16	228	1161471	31.883	ng/ul	97
19) Chrysene	21.22	228	1269733	28.402	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	1388305m	43.130	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	423214m	11.607	ng/ul	
23) Benzo(a)pyrene	23.26	252	958661	28.302	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.51	276	584701	14.656	ng/ul	99
25) Dibenzo(a,h)anthracene	25.51	278	156582	4.965	ng/ul	97
26) Benzo(g,h,i)perylene	26.17	276	581610	15.899	ng/ul	99

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

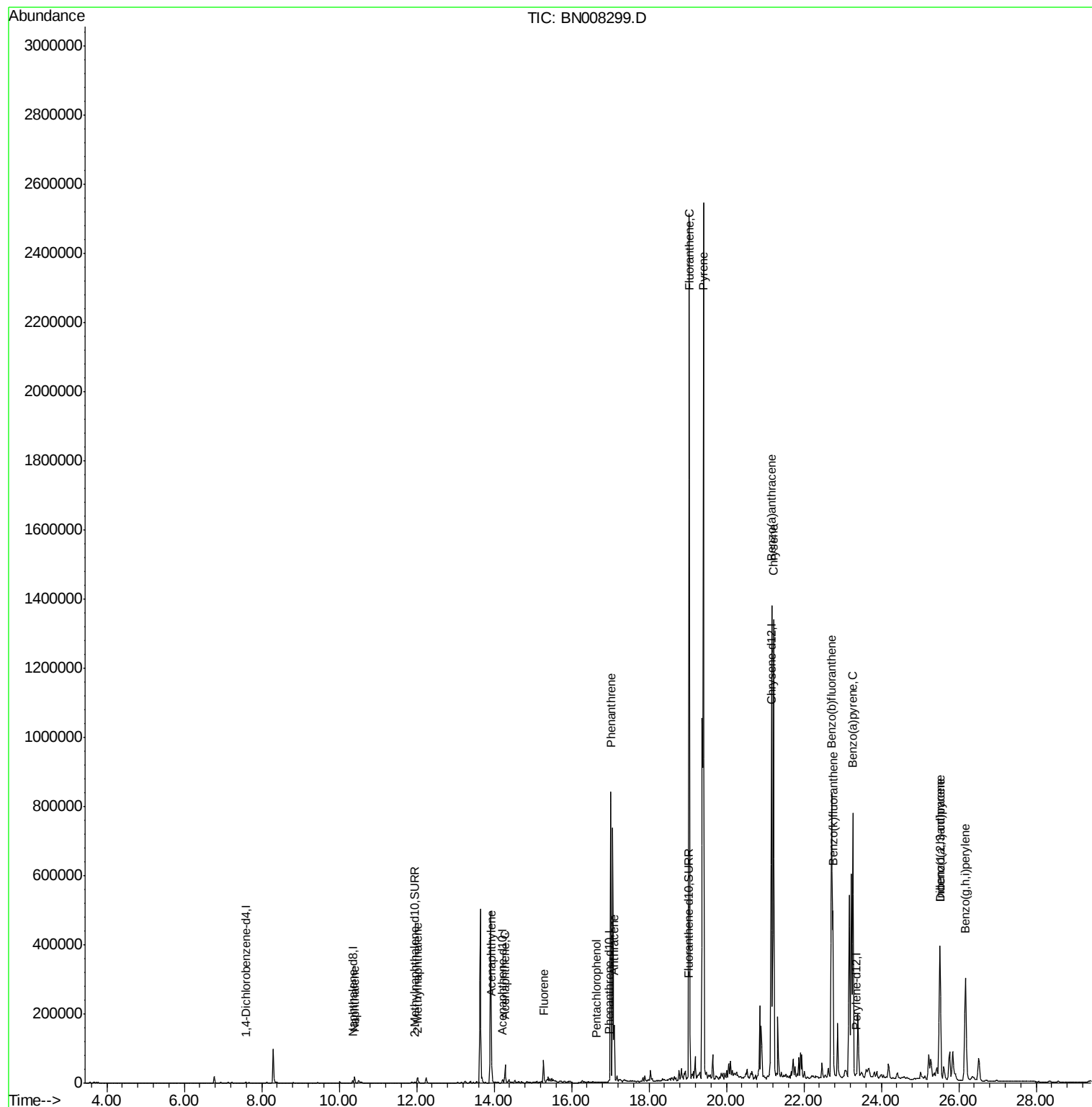
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
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ALS Vial : 26 Sample Multiplier: 1

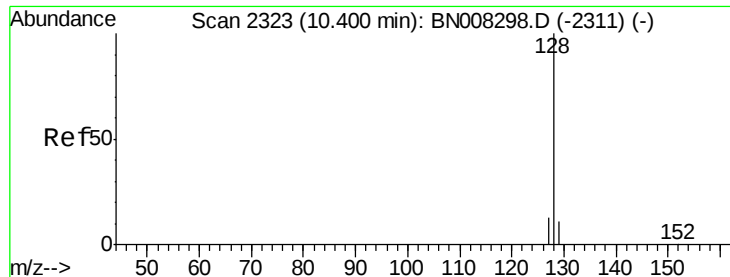
Instrument :
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#3

Naphthalene

Concen: 1.051 ng/ul

RT: 10.39 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BN008299.D

Acq: 22 Oct 2019 01:25

Instrument :

BNA_N

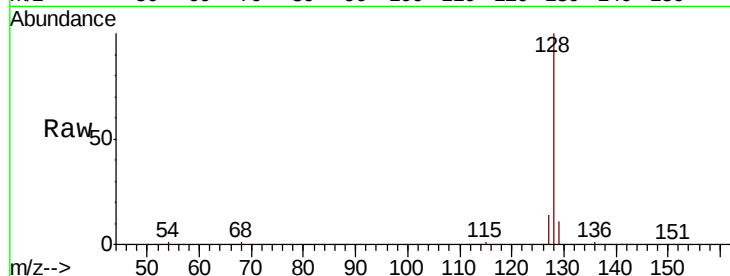
ClientSampleId :

BEP76

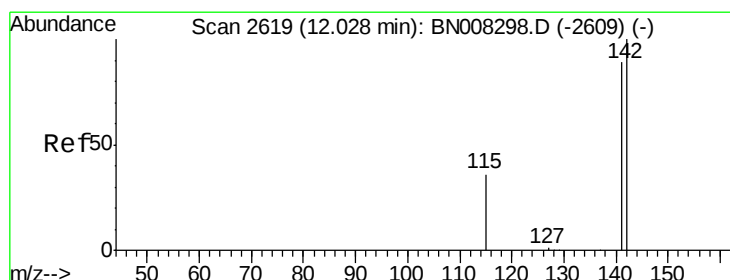
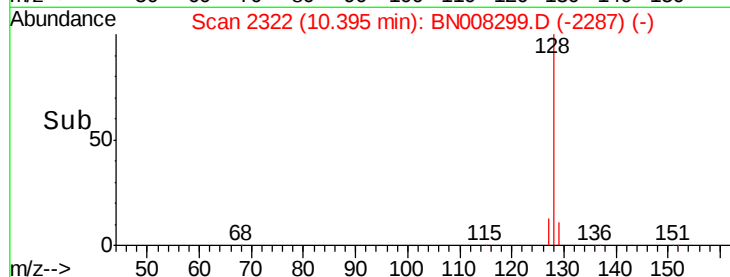
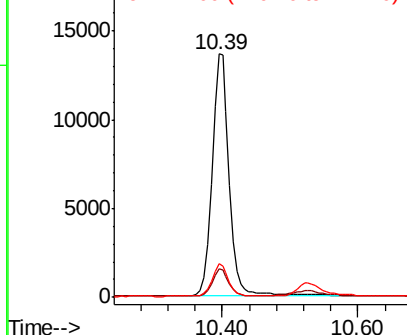
Tot Ion:	128	Resp:	23991
Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.8	14.8
127	13.6	11.1	16.7

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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: 0.769 ng/ul

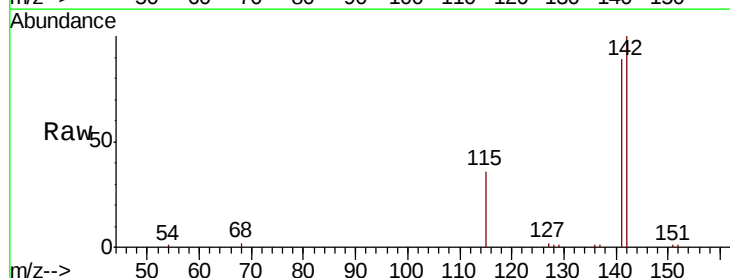
RT: 12.02 min Scan# 2618

Delta R.T. -0.01 min

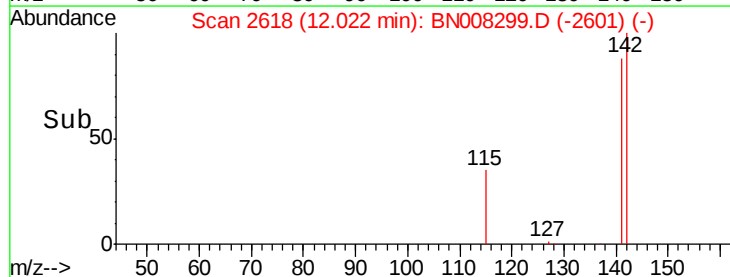
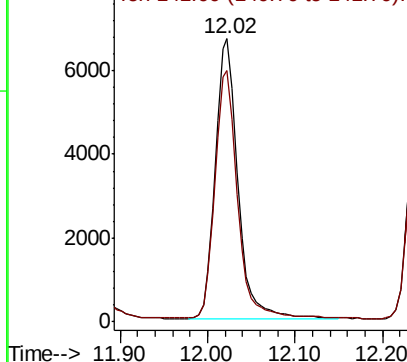
Lab File: BN008299.D

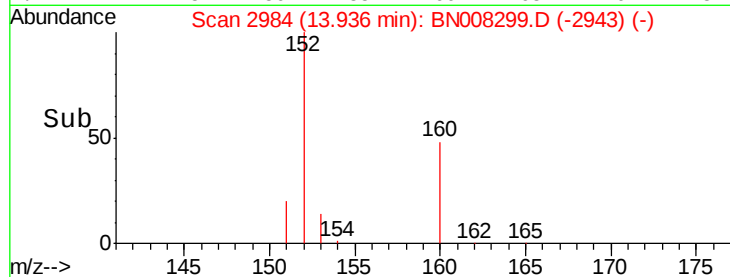
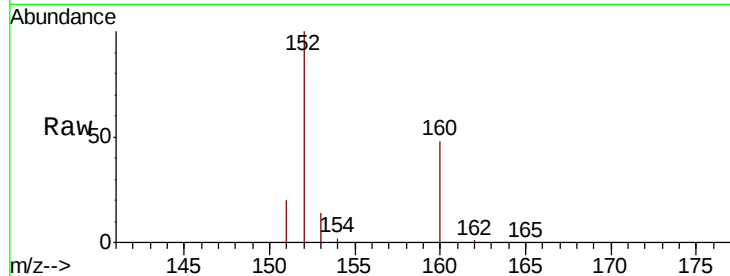
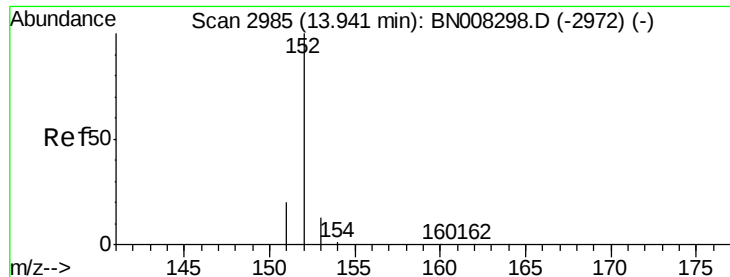
Acq: 22 Oct 2019 01:25

Tgt Ion:	142	Resp:	12044
Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.4	107.2



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





#7

Acenaphthylene

Concen: 2.249 ng/ul

RT: 13.94 min Scan# 2984

Delta R.T. -0.01 min

Lab File: BN008299.D

Acq: 22 Oct 2019 01:25

Instrument :

BNA_N

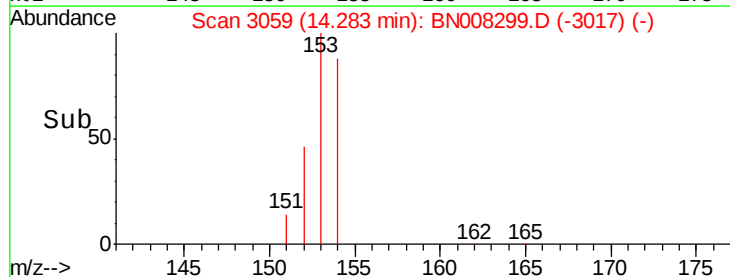
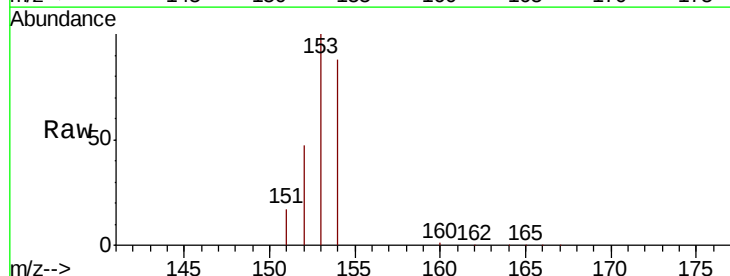
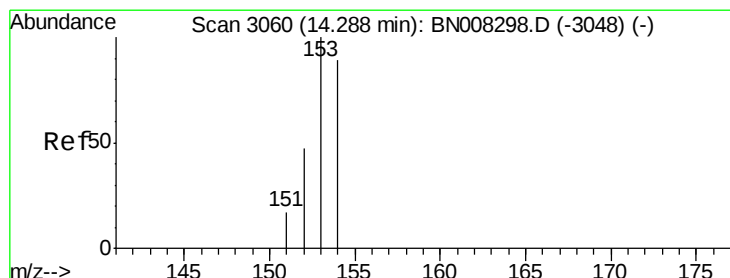
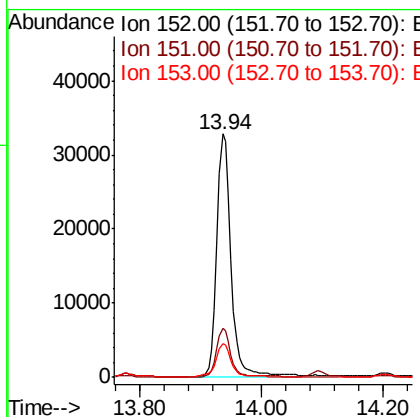
ClientSampleId :

BEP76

Tot Ion:	152	Resp:	53998
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.2	24.4
153	13.8	11.0	16.4

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#8

Acenaphthene

Concen: 1.638 ng/ul

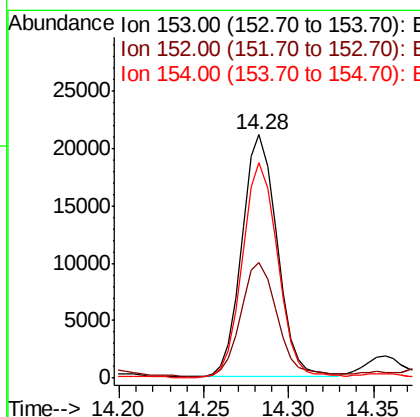
RT: 14.28 min Scan# 3059

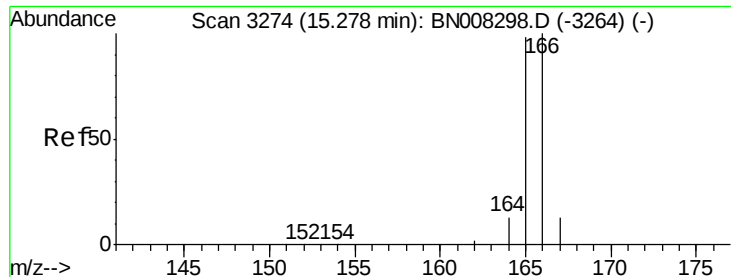
Delta R.T. -0.00 min

Lab File: BN008299.D

Acq: 22 Oct 2019 01:25

Tgt Ion:	153	Resp:	30586
Ion Ratio	Lower	Upper	
153	100		
152	47.5	38.2	57.2
154	88.4	71.8	107.8





#9

Fluorene

Concen: 1.915 ng/ul

RT: 15.27 min Scan# 3273

Delta R.T. -0.01 min

Lab File: BN008299.D

Acq: 22 Oct 2019 01:25

Instrument :

BNA_N

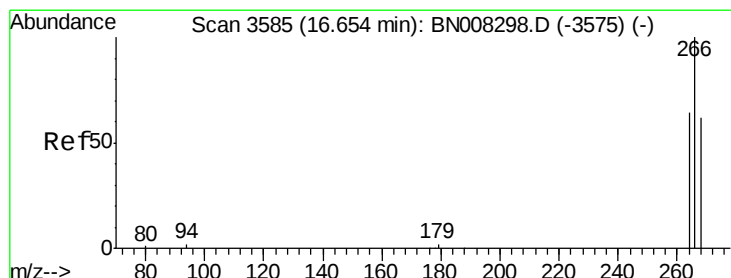
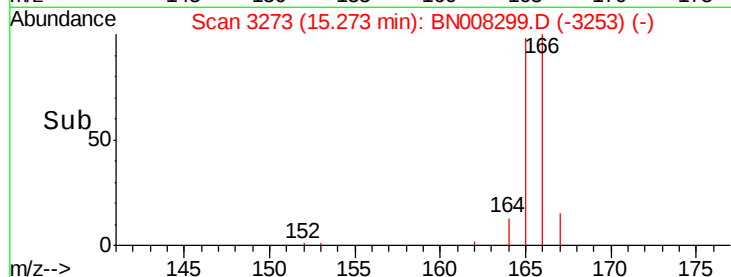
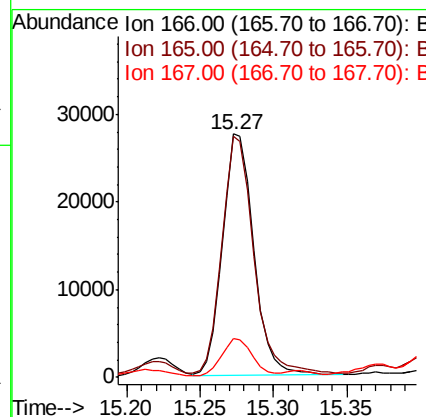
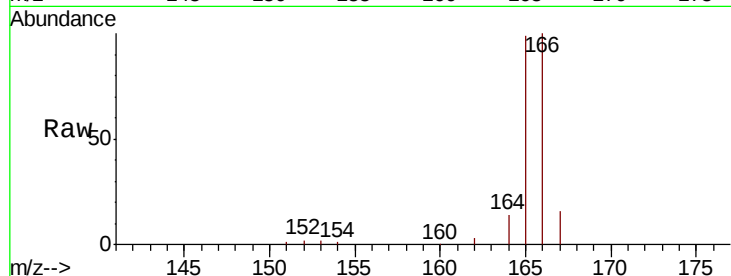
ClientSampleId :

BEP76

Tot Ion:	166	Resp:	40600
Ion Ratio	Lower	Upper	
166	100		
165	99.0	76.6	115.0
167	15.9	11.7	17.5

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#11

Pentachlorophenol

Concen: 0.068 ng/ul

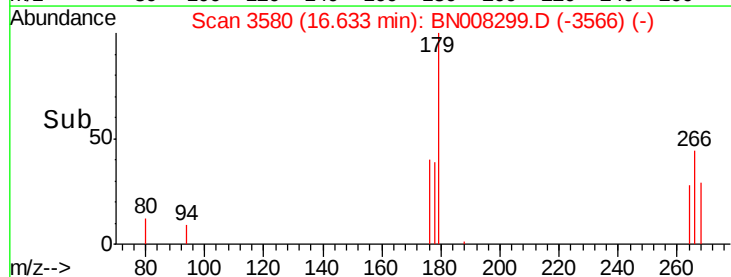
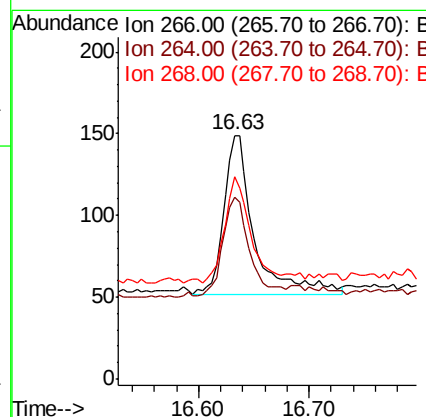
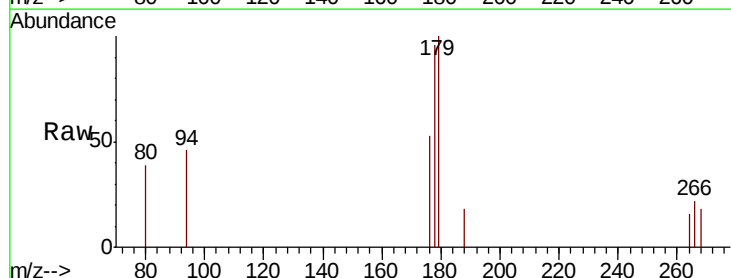
RT: 16.63 min Scan# 3580

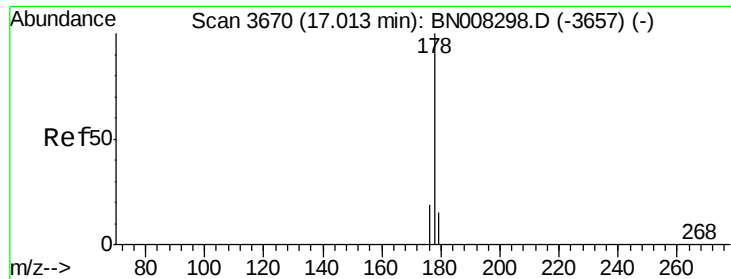
Delta R.T. -0.04 min

Lab File: BN008299.D

Acq: 22 Oct 2019 01:25

Tgt Ion:	266	Resp:	185
Ion Ratio	Lower	Upper	
266	100		
264	54.6	50.1	75.1
268	58.9	51.9	77.9





#12

Phenanthrene

Concen: 26.851 ng/ul

RT: 17.01 min Scan# 3670

Delta R.T. -0.00 min

Lab File: BN008299.D

Acq: 22 Oct 2019 01:25

Instrument :

BNA_N

ClientSampleId :

BEP76

Tot Ion:178 Resp: 883129

Ion Ratio Lower Upper

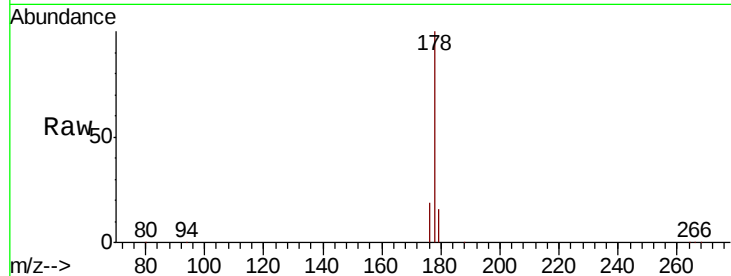
178 100

179 15.7 12.8 19.2

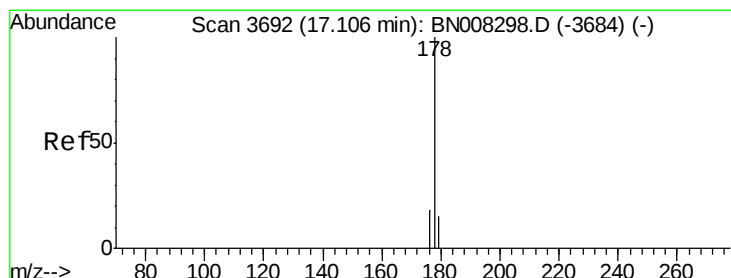
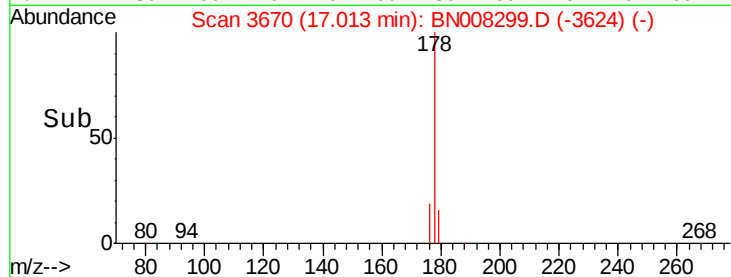
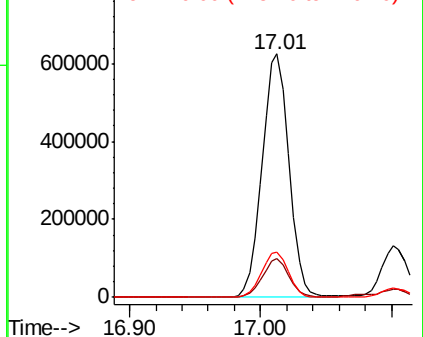
176 18.6 15.4 23.2

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 5.985 ng/ul

RT: 17.10 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BN008299.D

Acq: 22 Oct 2019 01:25

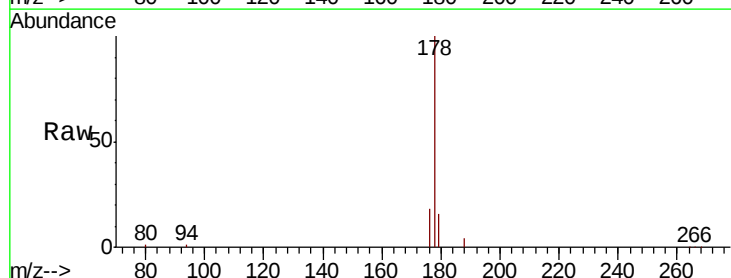
Tgt Ion:178 Resp: 173237

Ion Ratio Lower Upper

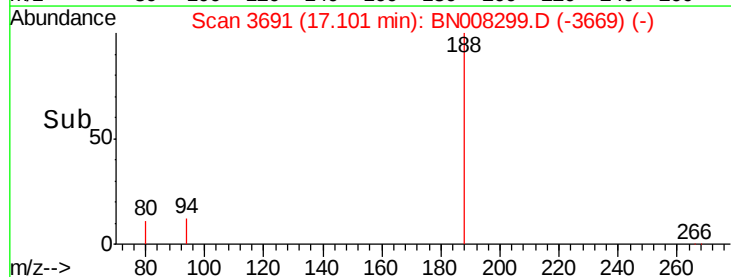
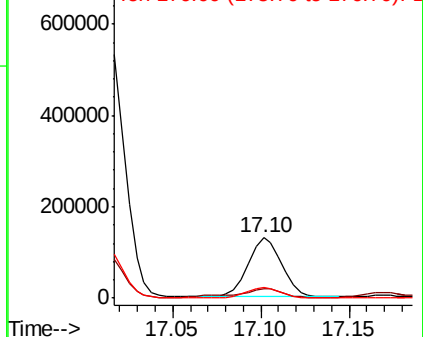
178 100

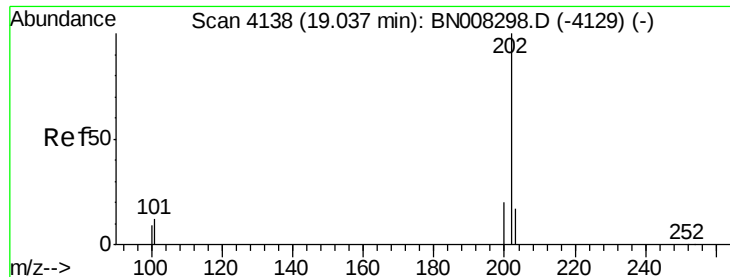
179 15.7 13.0 19.6

176 18.3 15.0 22.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 48.898 ng/ul

RT: 19.04 min Scan# 4139

Delta R.T. -0.00 min

Lab File: BN008299.D

Acq: 22 Oct 2019 01:25

Instrument :

BNA_N

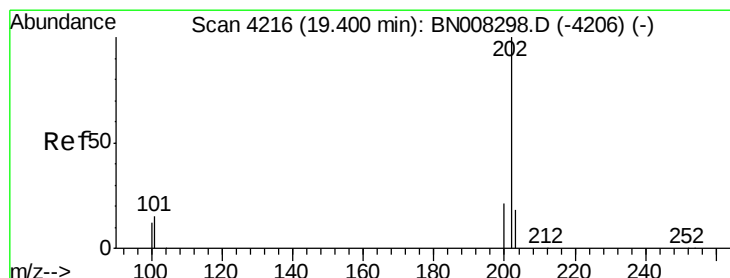
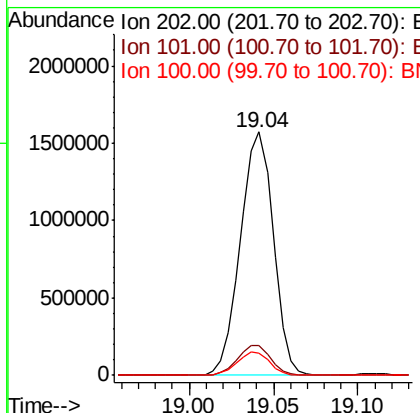
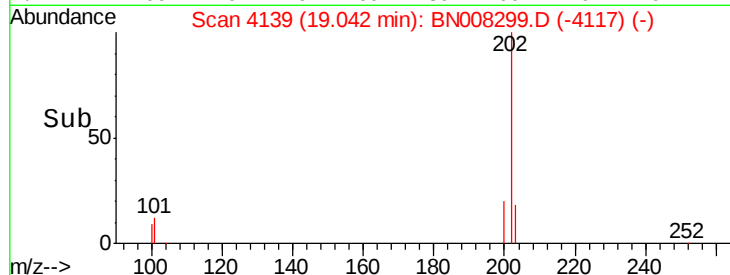
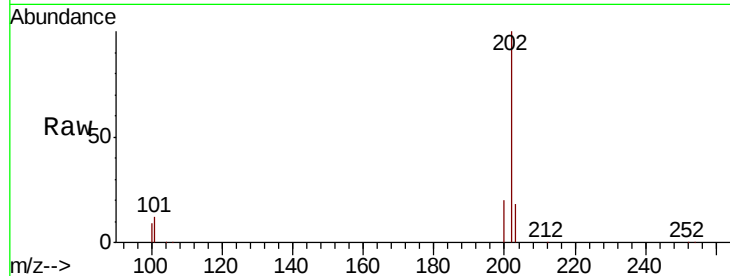
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.2
100	9.1	0.0	28.5

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#17

Pyrene

Concen: 53.186 ng/ul

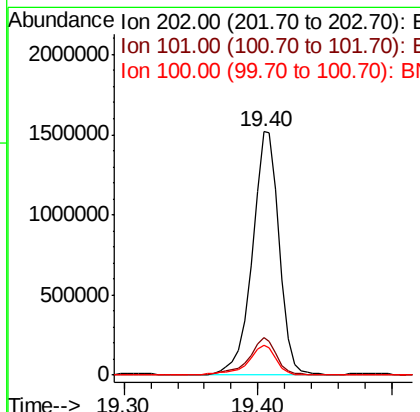
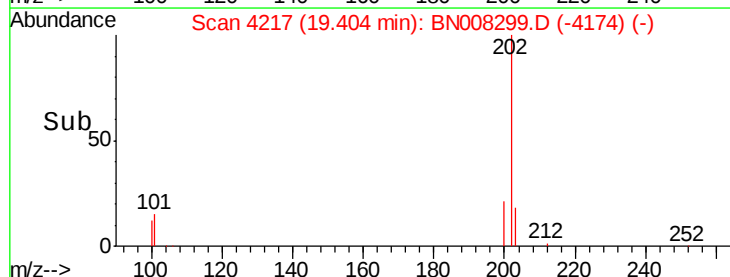
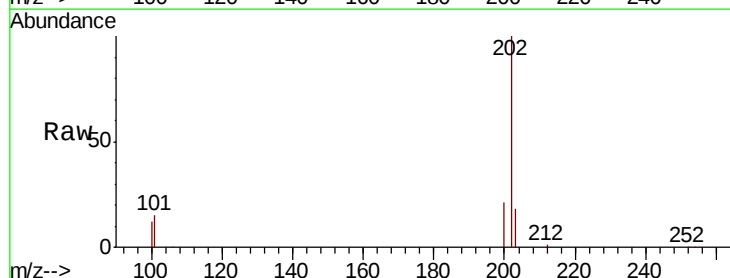
RT: 19.40 min Scan# 4217

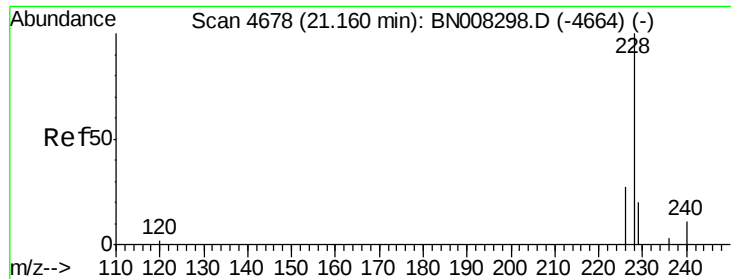
Delta R.T. -0.00 min

Lab File: BN008299.D

Acq: 22 Oct 2019 01:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.2	10.9	16.3
100	12.5	8.7	13.1





#18

Benzo(a)anthracene

Concen: 31.883 ng/ul

RT: 21.16 min Scan# 4679

Delta R.T. -0.00 min

Lab File: BN008299.D

Acq: 22 Oct 2019 01:25

Instrument :

BNA_N

ClientSampleId :

BEP76

Tot Ion:228 Resp: 1161471

Ion Ratio Lower Upper

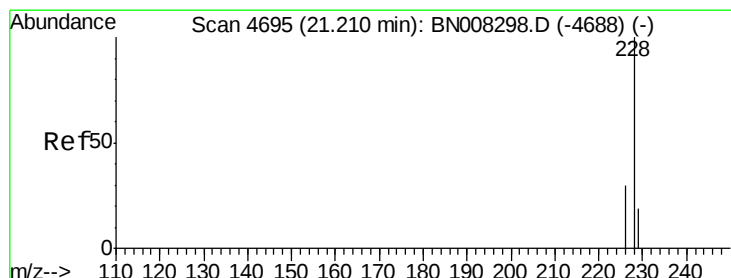
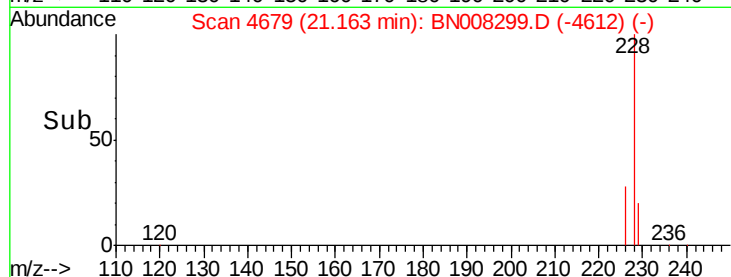
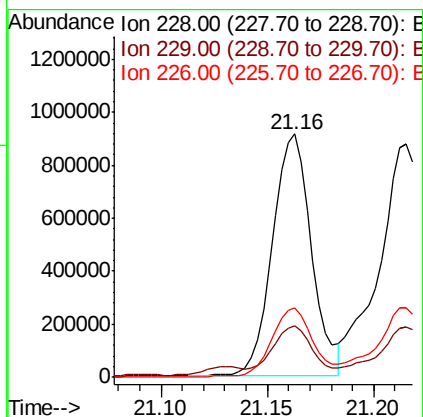
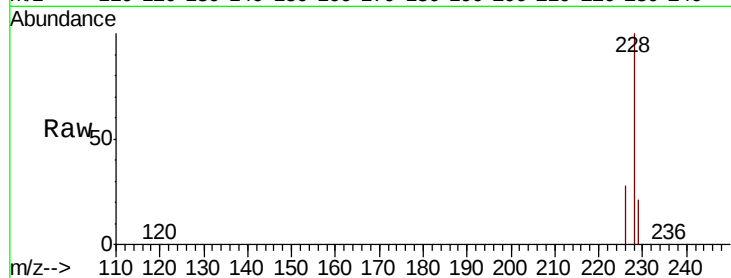
228 100

229 21.3 16.2 24.2

226 28.3 21.4 32.0

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#19

Chrysene

Concen: 28.402 ng/ul

RT: 21.22 min Scan# 4697

Delta R.T. -0.00 min

Lab File: BN008299.D

Acq: 22 Oct 2019 01:25

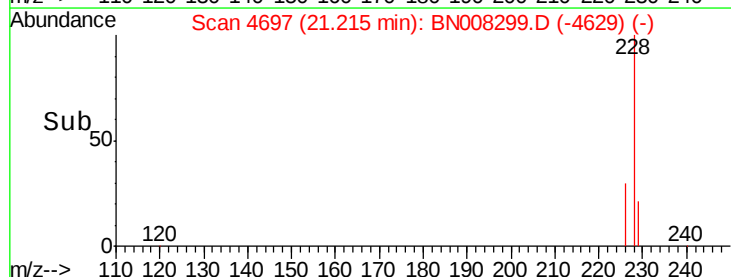
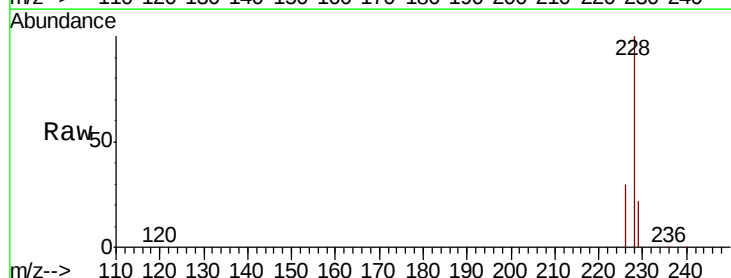
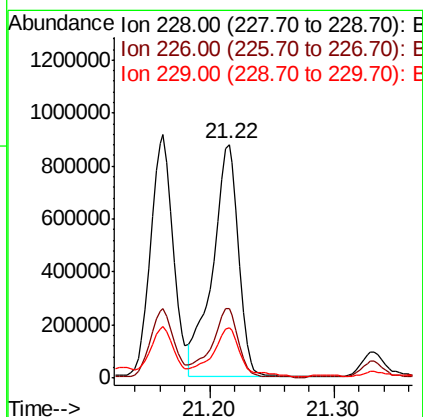
Tgt Ion:228 Resp: 1269733

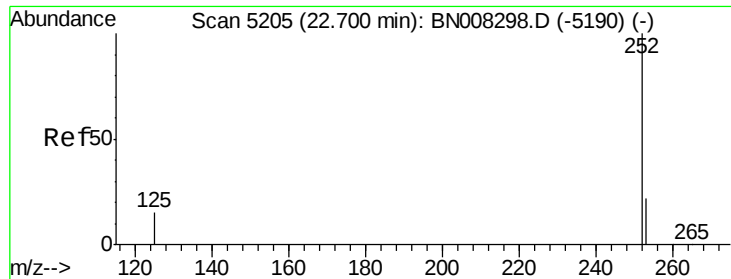
Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 21.8 16.2 24.2





#21

Benzo(b)fluoranthene

Concen: 43.130 ng/ul m

RT: 22.71 min Scan# 5209

Delta R.T. 0.00 min

Lab File: BN008299.D

Acq: 22 Oct 2019 01:25

Instrument :

BNA_N

ClientSampleId :

BEP76

Tot Ion:252 Resp: 1388305

Ion Ratio Lower Upper

252 100

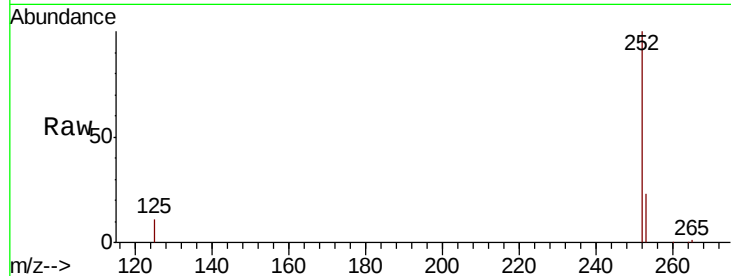
253 23.1 0.0 53.4

125 11.2 0.0 32.4

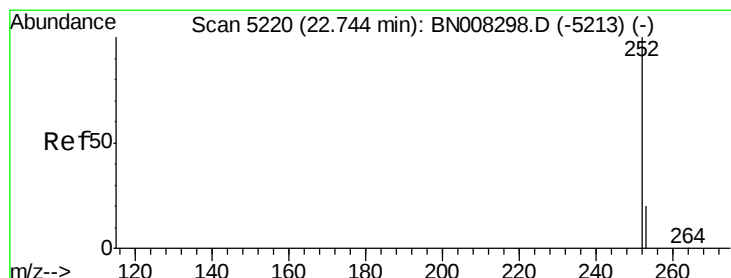
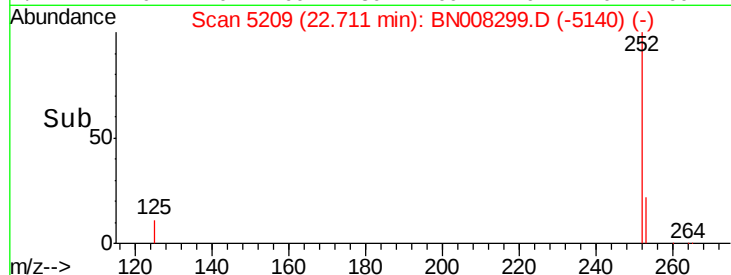
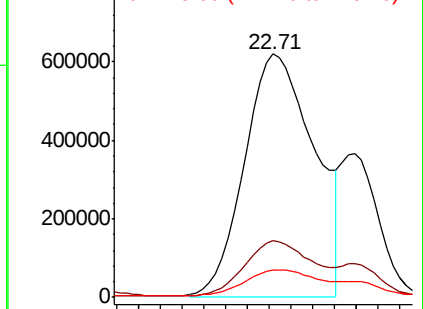
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 11.607 ng/ul m

RT: 22.75 min Scan# 5222

Delta R.T. -0.00 min

Lab File: BN008299.D

Acq: 22 Oct 2019 01:25

Tgt Ion:252 Resp: 423214

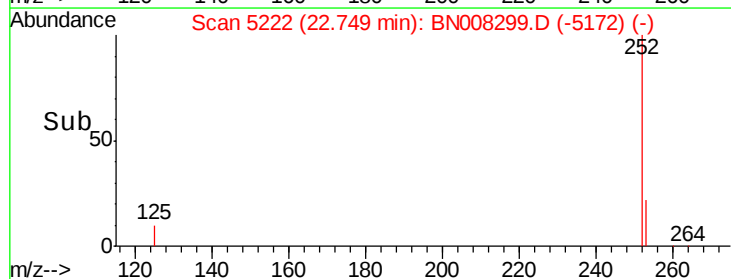
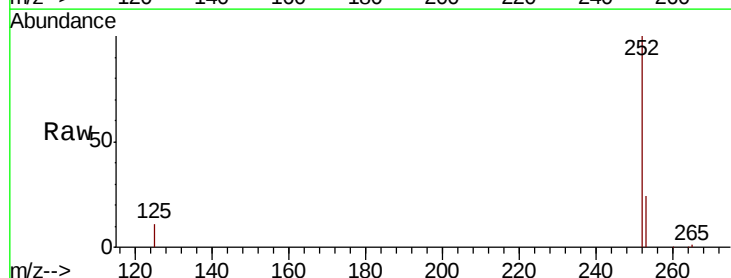
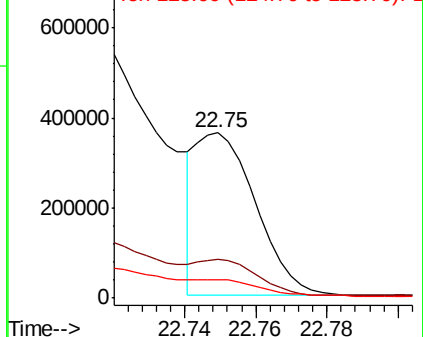
Ion Ratio Lower Upper

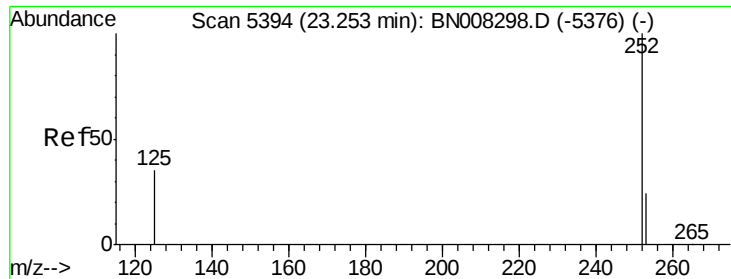
252 100

253 23.5 21.3 31.9

125 11.3 12.3 18.5#

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: 28.302 ng/ul

RT: 23.26 min Scan# 5398

Delta R.T. 0.00 min

Lab File: BN008299.D

Acq: 22 Oct 2019 01:25

Instrument :

BNA_N

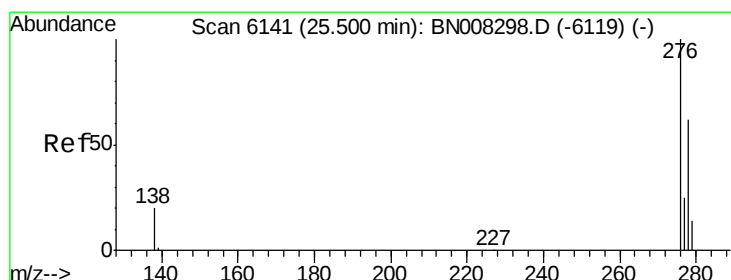
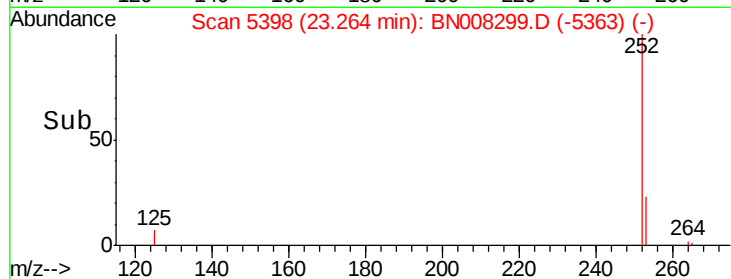
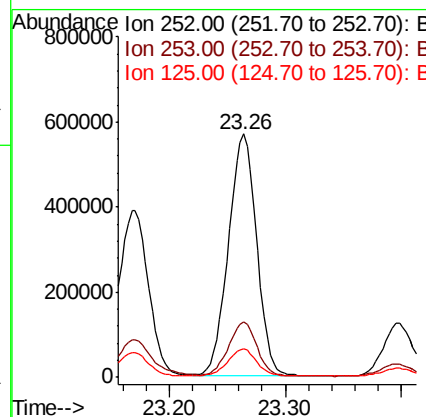
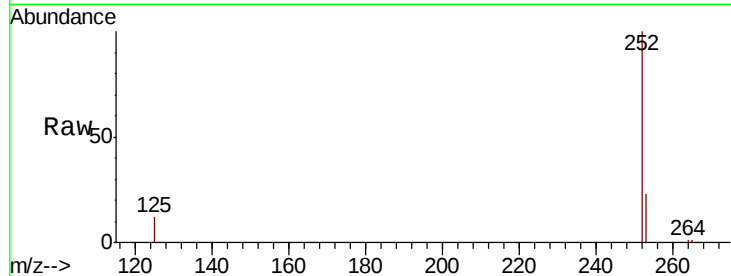
ClientSampleId :

BEP76

Tot Ion:	252	Resp:	958661
Ion Ratio	Lower	Upper	
252	100		
253	22.8	22.8	34.2#
125	11.7	18.4	27.6#

Manual Integrations
APPROVED

mohammad
10/22/2019 3:28:08 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 14.656 ng/ul

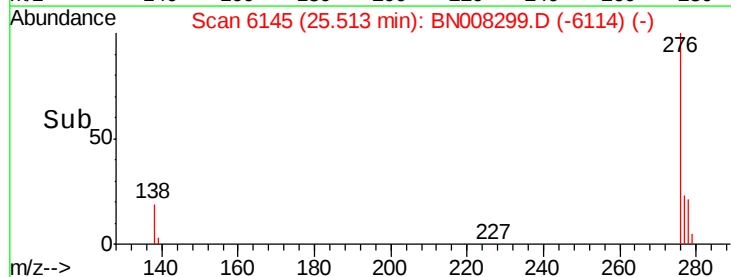
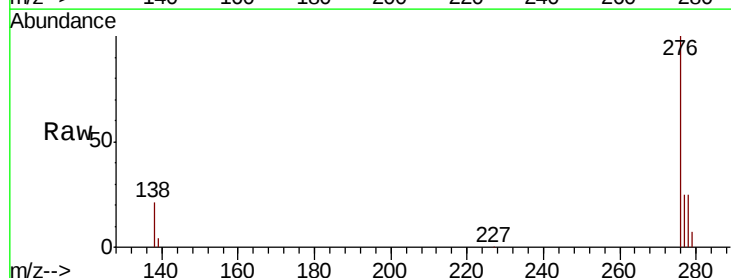
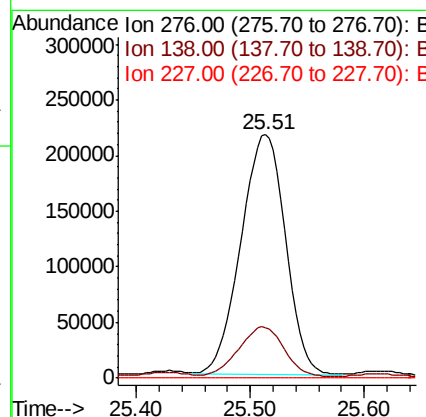
RT: 25.51 min Scan# 6145

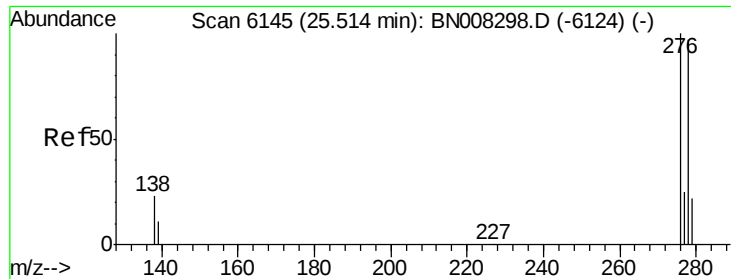
Delta R.T. 0.00 min

Lab File: BN008299.D

Acq: 22 Oct 2019 01:25

Tgt Ion:	276	Resp:	584701
Ion Ratio	Lower	Upper	
276	100		
138	20.6	16.1	24.1
227	0.2	0.2	0.2





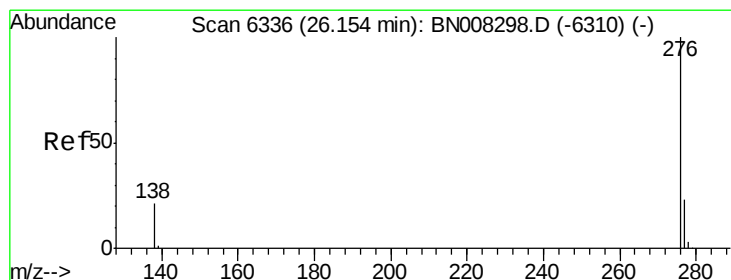
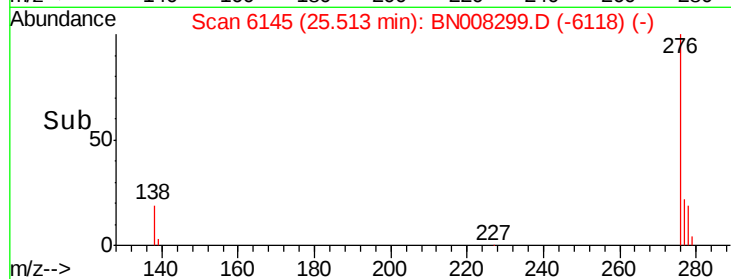
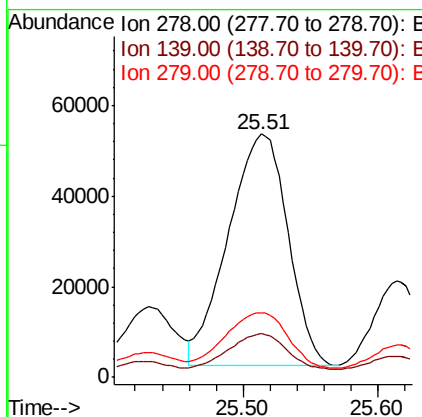
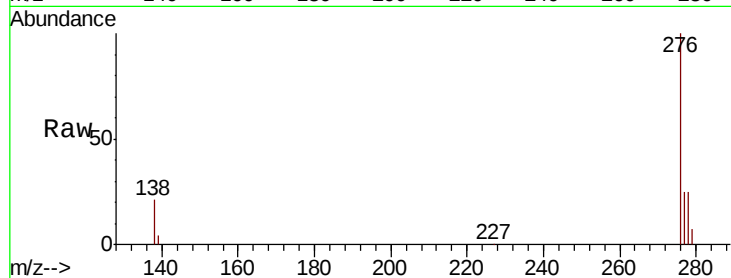
#25
Dibenzo(a,h)anthracene
Concen: 4.965 ng/ul
RT: 25.51 min Scan# 6145
Delta R.T. -0.01 min
Lab File: BN008299.D
Acq: 22 Oct 2019 01:25

Instrument :
BNA_N
ClientSampleId :
BEP76

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.0	22.6
279	26.5	22.4	33.6

Manual Integrations
APPROVED

mohammad
10/22/2019 3:28:08 PM



#26
Benzo(g,h,i)perylene
Concen: 15.899 ng/ul
RT: 26.17 min Scan# 6342
Delta R.T. 0.01 min
Lab File: BN008299.D
Acq: 22 Oct 2019 01:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	17.0	25.4
277	24.3	20.4	30.6

