

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008318.D
 Acq On : 22 Oct 2019 17:11
 Operator : JU
 Sample : K5199-12DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP79DL

Manual Integrations
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Quant Time: Oct 22 17:45:11 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 : Tue Oct 22 13:04:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2183	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	10354	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	7043	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	14134	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	13008	0.40	ng/ul	0.00
20) Perylene-d12	23.36	264	13614	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	2284	0.13	ng/ul	-0.01
14) Fluoranthene-d10	19.01	212	6934	0.14	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.39	128	15660	0.531	ng/ul	99
5) 2-Methylnaphthalene	12.02	142	8899	0.440	ng/ul	100
7) Acenaphthylene	13.94	152	47406	1.413	ng/ul	99
8) Acenaphthene	14.28	153	23300	0.893	ng/ul	98
9) Fluorene	15.27	166	33144	1.119	ng/ul	97
11) Pentachlorophenol	16.63	266	404	0.118	ng/ul	92
12) Phenanthrene	17.01	178	664540	16.059	ng/ul	99
13) Anthracene	17.10	178	141476	3.885	ng/ul	99
15) Fluoranthene	19.04	202	1478813	27.058	ng/ul	99
17) Pyrene	19.40	202	1561144	30.142	ng/ul	98
18) Benzo(a)anthracene	21.17	228	946846	20.021	ng/ul	97
19) Chrysene	21.22	228	977385	16.840	ng/ul	98
21) Benzo(b)fluoranthene	22.72	252	1035800m	23.372	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	367476m	7.320	ng/ul	
23) Benzo(a)pyrene	23.27	252	757088	16.234	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.52	276	423241	7.705	ng/ul	99
25) Dibenzo(a,h)anthracene	25.52	278	117977	2.717	ng/ul	99
26) Benzo(g,h,i)perylene	26.17	276	320376	6.361	ng/ul	99

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

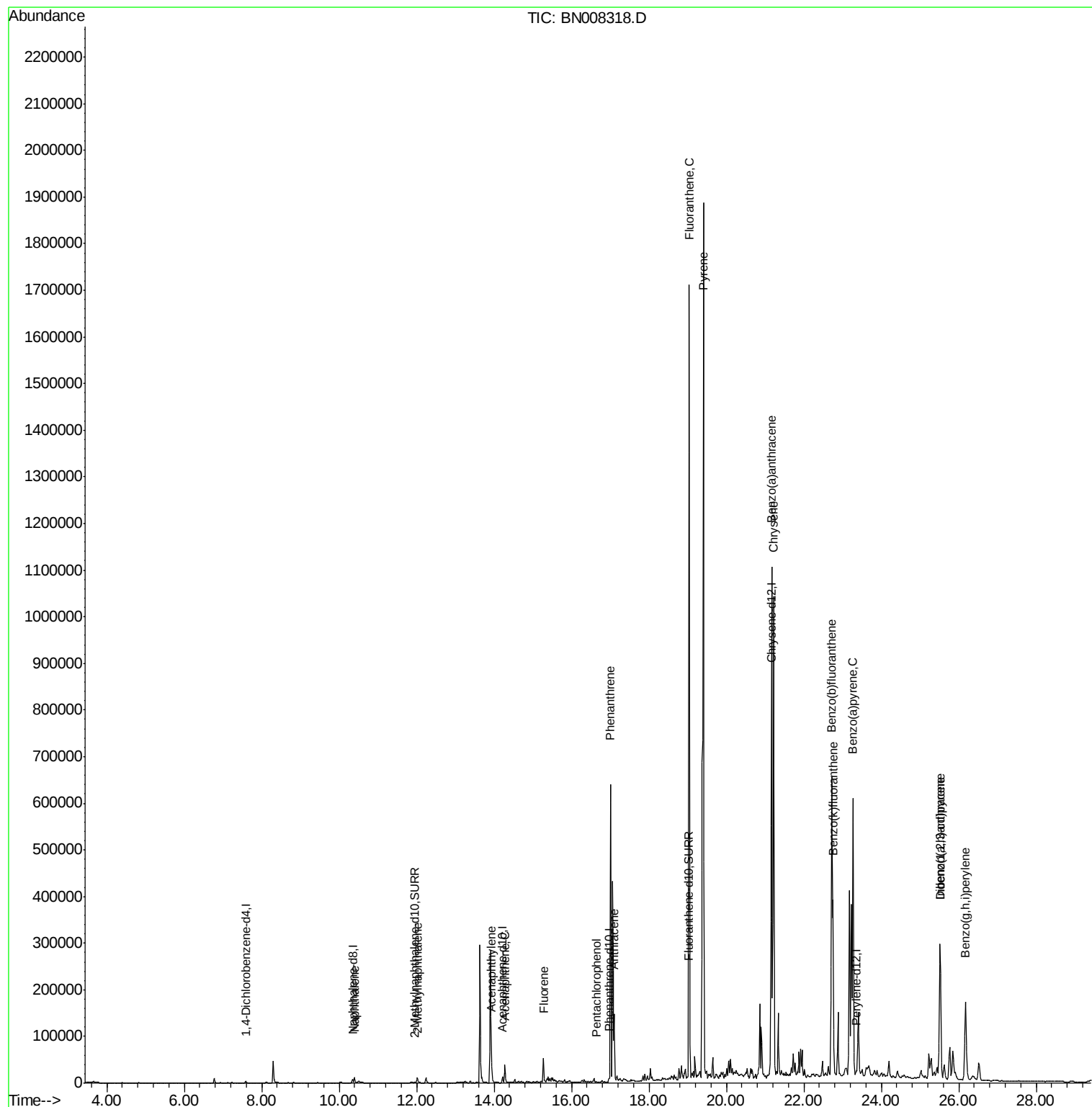
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008318.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

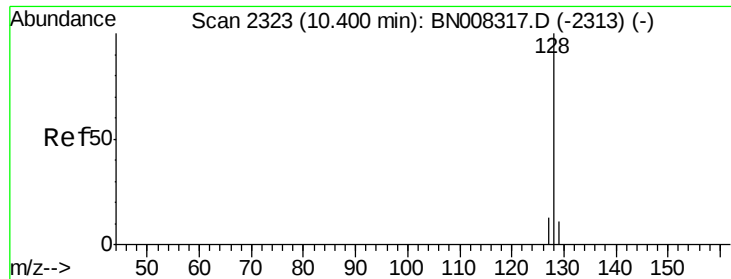
Instrument :
BNA_N
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BEP79DL

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Quant Time: Oct 22 17:45:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Tue Oct 22 13:04:25 2019
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#3

Naphthalene

Concen: 0.531 ng/ul

RT: 10.39 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BN008318.D

Acq: 22 Oct 2019 17:11

Instrument :

BNA_N

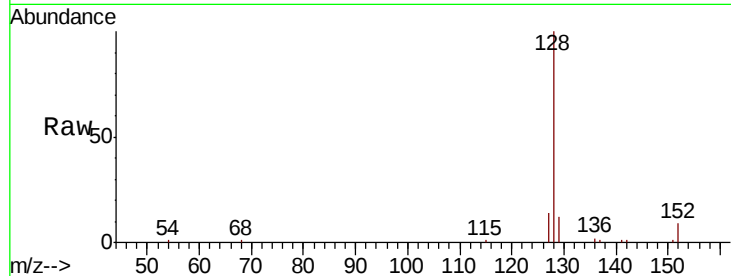
ClientSampleId :

BEP79DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.8	14.8
127	13.7	11.1	16.7

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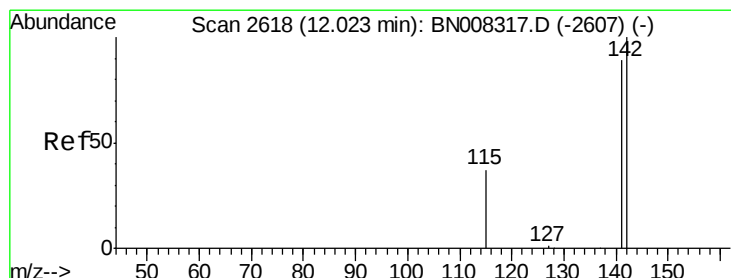
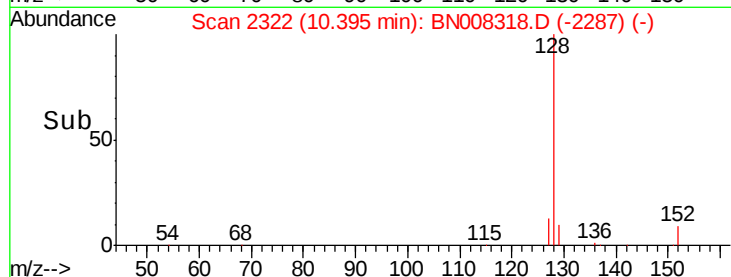
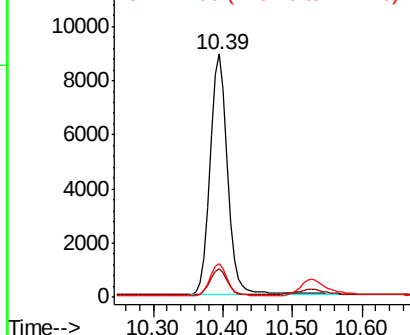


Abundance

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: 0.440 ng/ul

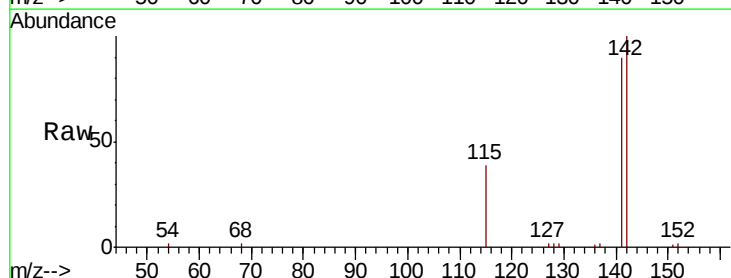
RT: 12.02 min Scan# 2617

Delta R.T. -0.01 min

Lab File: BN008318.D

Acq: 22 Oct 2019 17:11

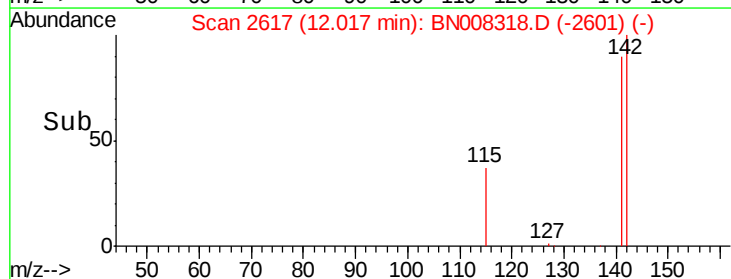
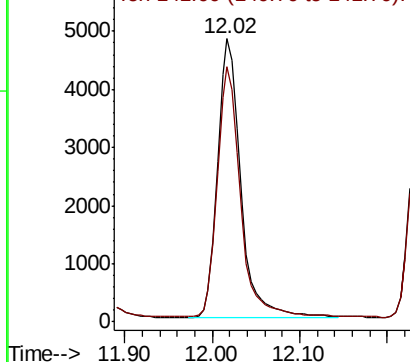
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.2

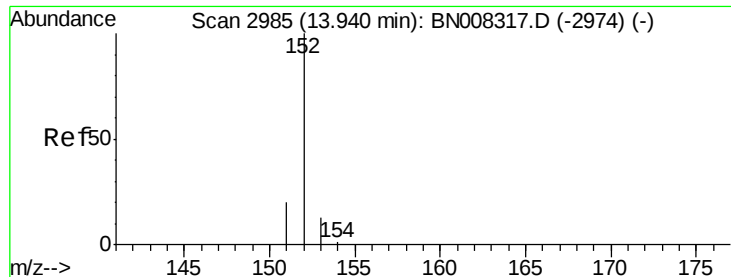


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.413 ng/ul

RT: 13.94 min Scan# 2984

Delta R.T. -0.01 min

Lab File: BN008318.D

Acq: 22 Oct 2019 17:11

Instrument :

BNA_N

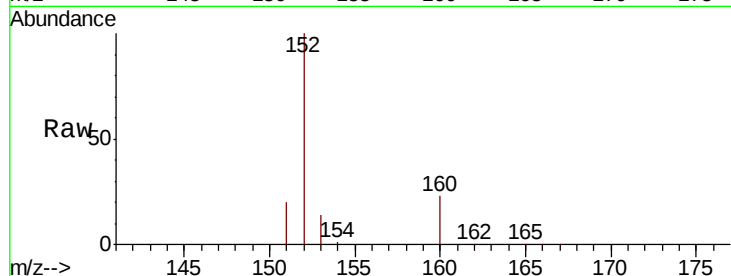
ClientSampleId :

BEP79DL

Tot Ion:	152	Resp:	47406
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.2	24.4
153	13.9	11.0	16.4

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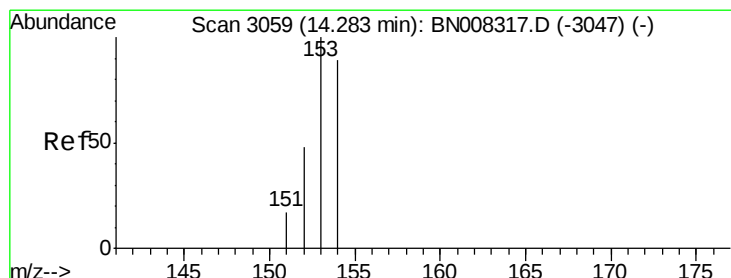
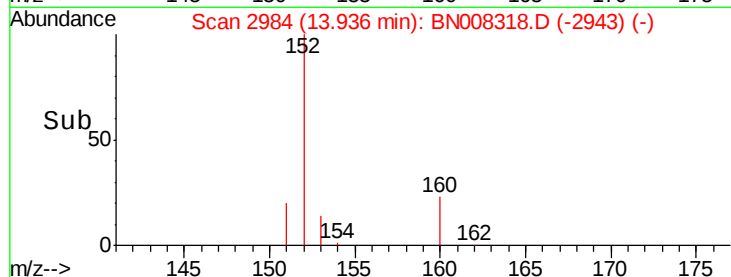
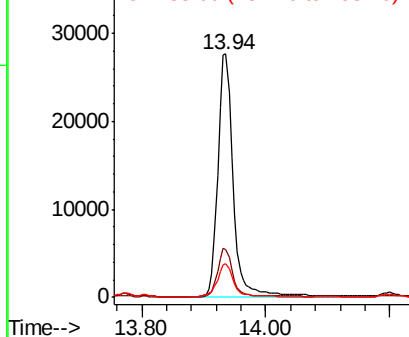


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.893 ng/ul

RT: 14.28 min Scan# 3058

Delta R.T. -0.01 min

Lab File: BN008318.D

Acq: 22 Oct 2019 17:11

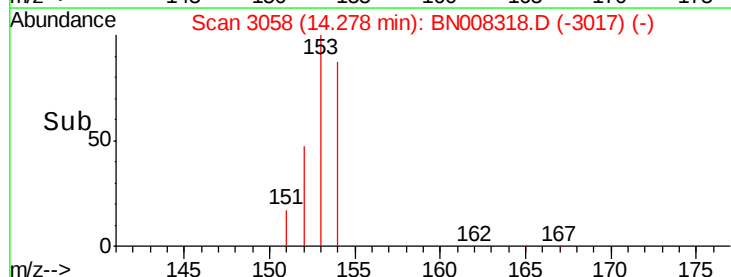
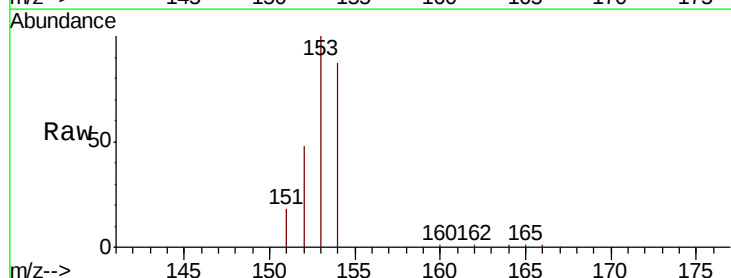
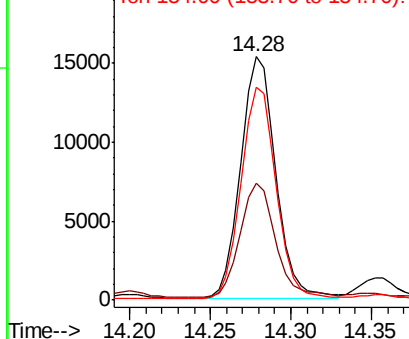
Tgt Ion:	153	Resp:	23300
Ion Ratio	Lower	Upper	
153	100		
152	47.8	38.2	57.2
154	87.4	71.8	107.8

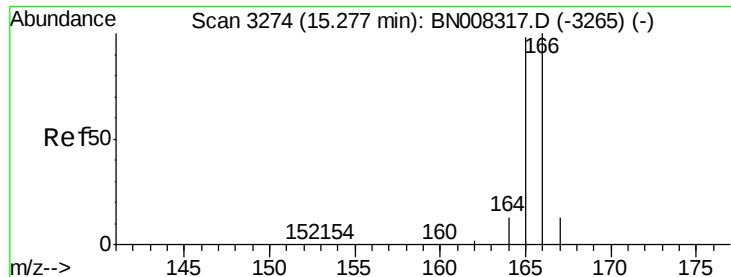
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





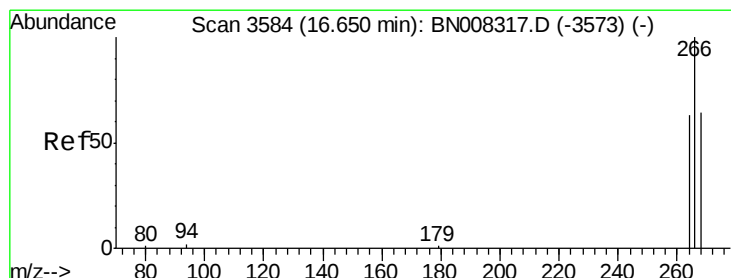
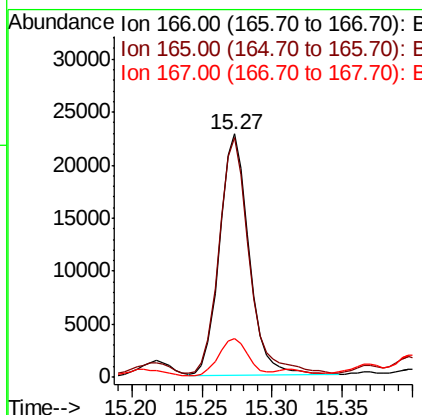
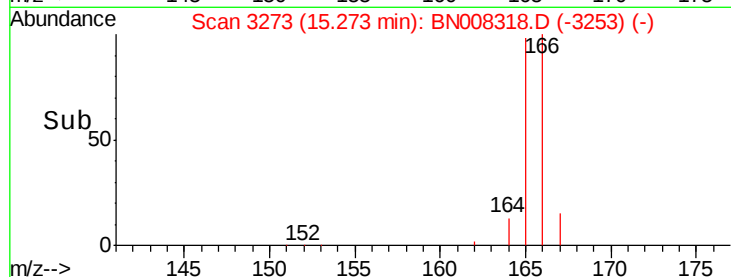
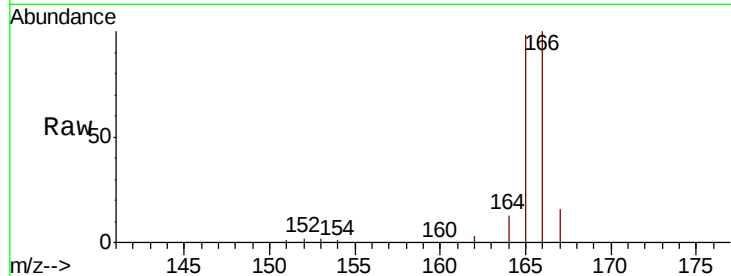
#9
Fluorene
 Concen: 1.119 ng/ul
 RT: 15.27 min Scan# 3273
 Delta R.T. -0.01 min
 Lab File: BN008318.D
 Acq: 22 Oct 2019 17:11

Instrument :
 BNA_N
 ClientSampleId :
 BEP79DL

Tot Ion	Ion	Ratio	Lower	Upper
166	100			
165	98.3	76.6	115.0	
167	16.1	11.7	17.5	

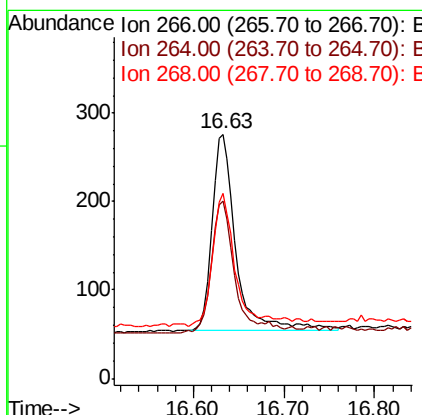
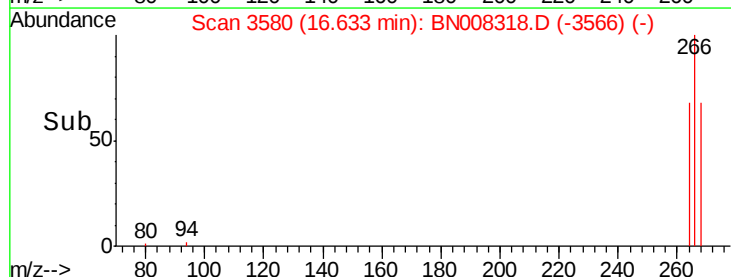
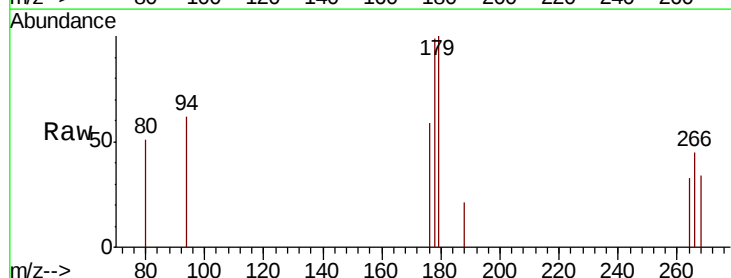
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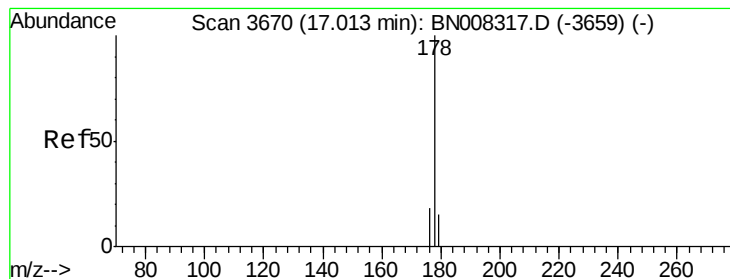
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#11
Pentachlorophenol
 Concen: 0.118 ng/ul
 RT: 16.63 min Scan# 3580
 Delta R.T. -0.04 min
 Lab File: BN008318.D
 Acq: 22 Oct 2019 17:11

Tgt Ion	Ion	Ratio	Lower	Upper
266	100			
264	68.6	50.1	75.1	
268	70.8	51.9	77.9	





#12

Phenanthrene

Concen: 16.059 ng/ul

RT: 17.01 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BN008318.D

Acq: 22 Oct 2019 17:11

Instrument :

BNA_N

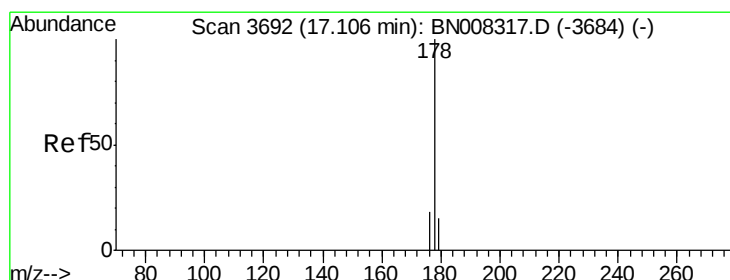
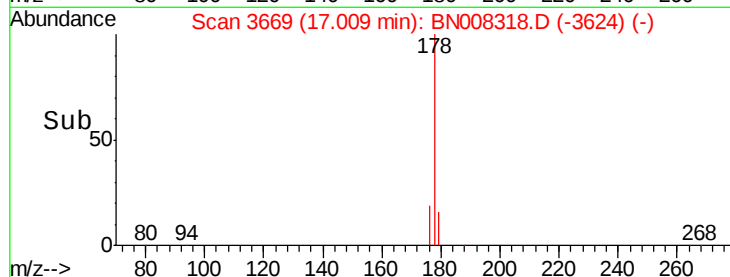
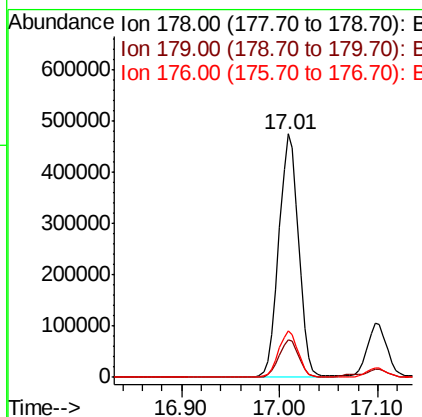
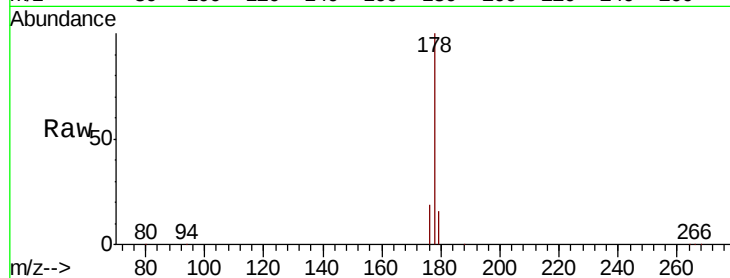
ClientSampleId :

BEP79DL

Tot Ion:	178	Resp:	664540
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.8	19.2
176	18.9	15.4	23.2

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#13

Anthracene

Concen: 3.885 ng/ul

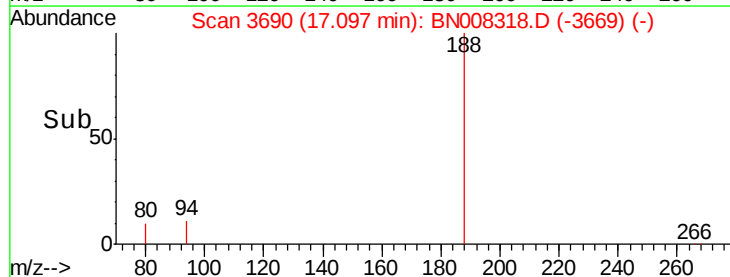
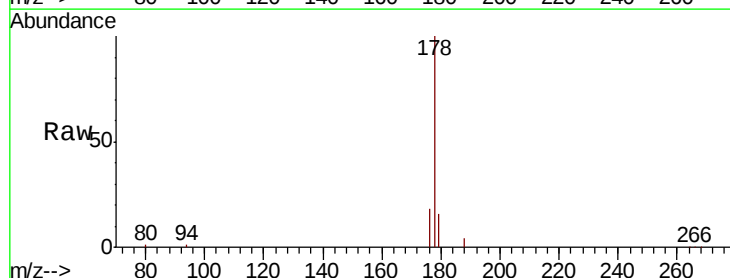
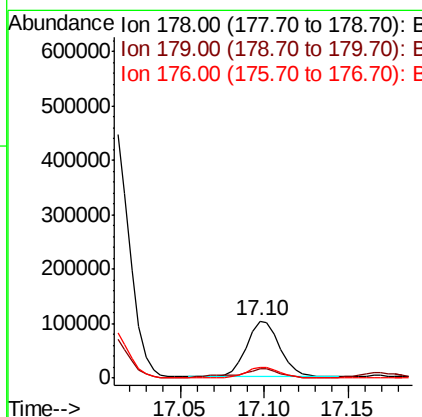
RT: 17.10 min Scan# 3690

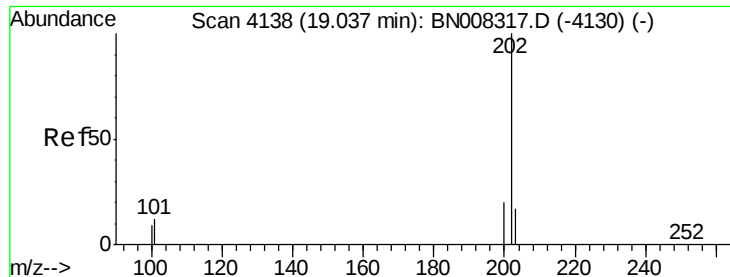
Delta R.T. -0.01 min

Lab File: BN008318.D

Acq: 22 Oct 2019 17:11

Tgt Ion:	178	Resp:	141476
Ion Ratio	Lower	Upper	
178	100		
179	15.9	13.0	19.6
176	18.4	15.0	22.6





#15

Fluoranthene

Concen: 27.058 ng/ul

RT: 19.04 min Scan# 4139

Delta R.T. 0.00 min

Lab File: BN008318.D

Acq: 22 Oct 2019 17:11

Instrument :

BNA_N

ClientSampleId :

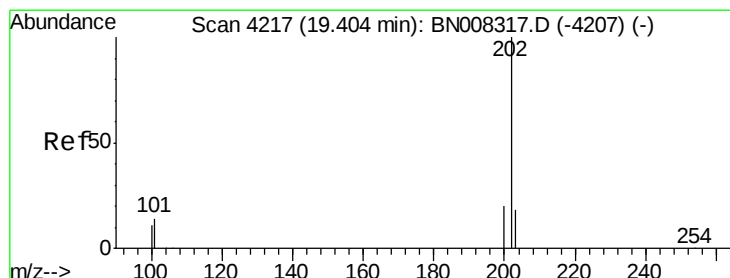
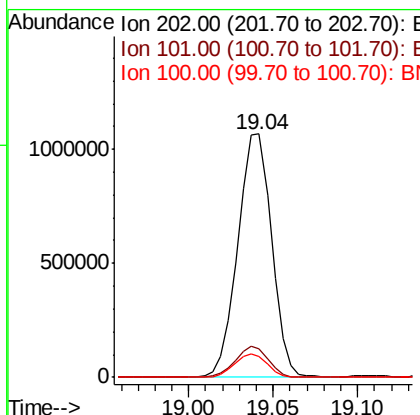
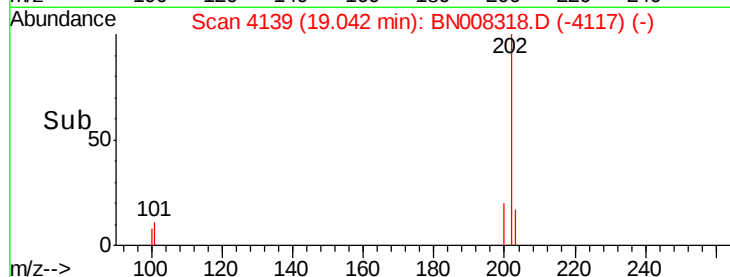
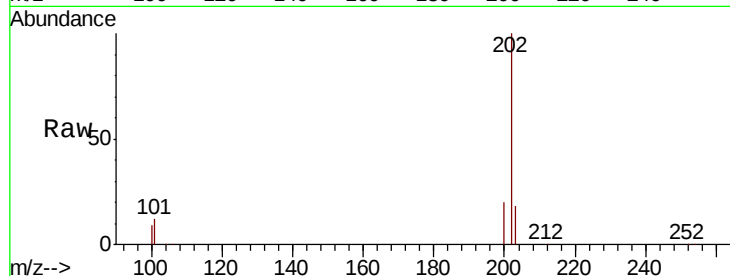
BEP79DL

Tot Ion:202 Resp: 1478813

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.2
100	8.5	0.0	28.5

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#17

Pyrene

Concen: 30.142 ng/ul

RT: 19.40 min Scan# 4217

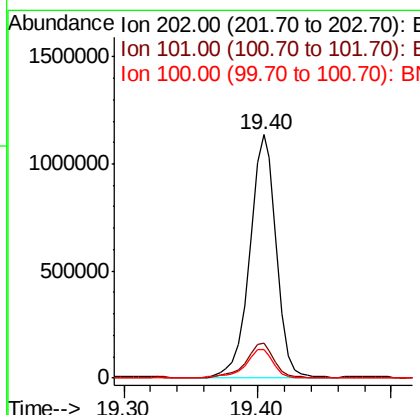
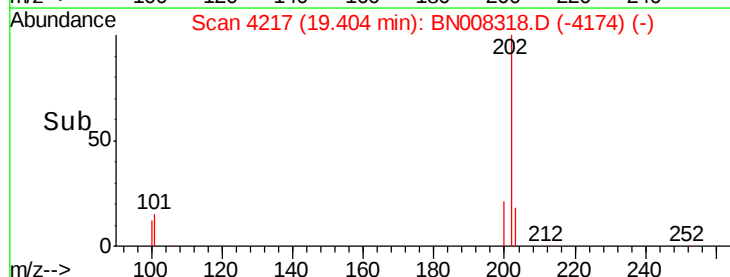
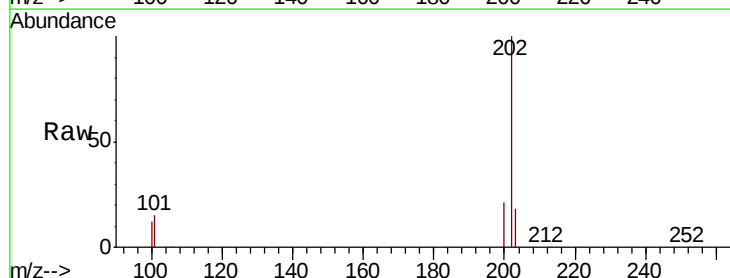
Delta R.T. 0.00 min

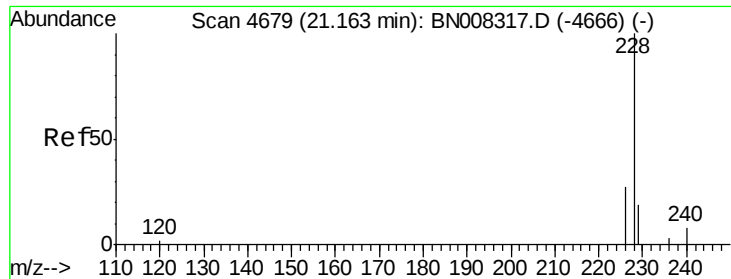
Lab File: BN008318.D

Acq: 22 Oct 2019 17:11

Tgt Ion:202 Resp: 1561144

Ion	Ratio	Lower	Upper
202	100		
101	14.6	10.9	16.3
100	11.9	8.7	13.1





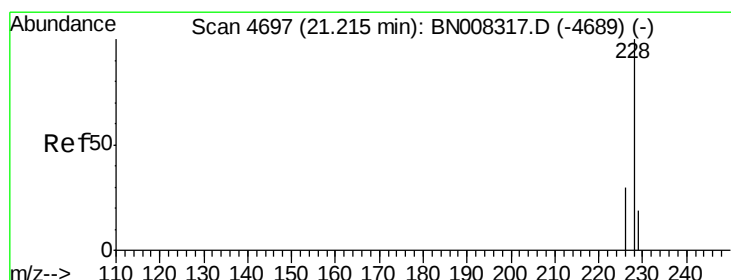
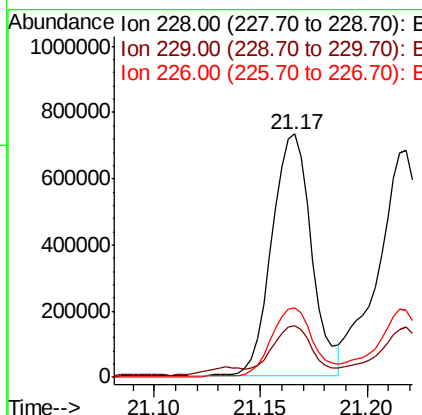
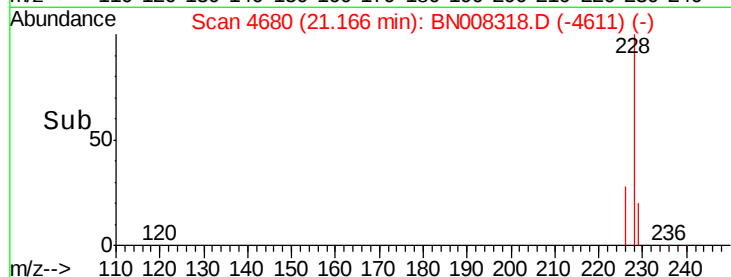
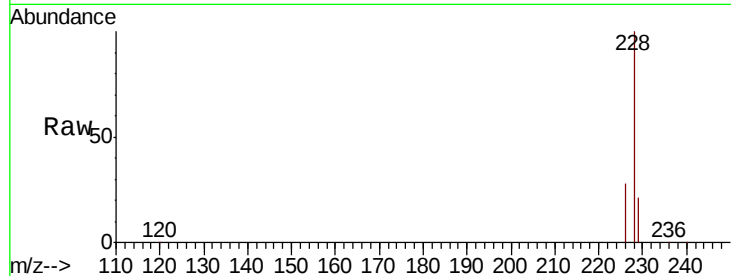
#18
Benzo(a)anthracene
Concen: 20.021 ng/ul
RT: 21.17 min Scan# 4680
Delta R.T. 0.00 min
Lab File: BN008318.D
Acq: 22 Oct 2019 17:11

Instrument :
BNA_N
ClientSampleId :
BEP79DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.2	24.2
226	28.4	21.4	32.0

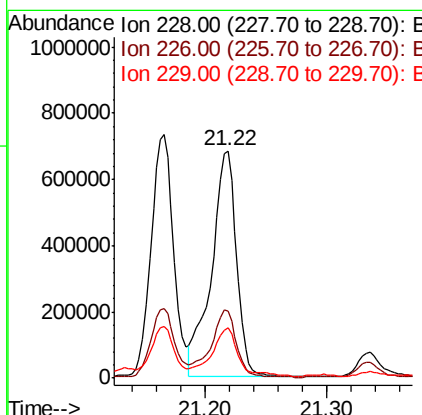
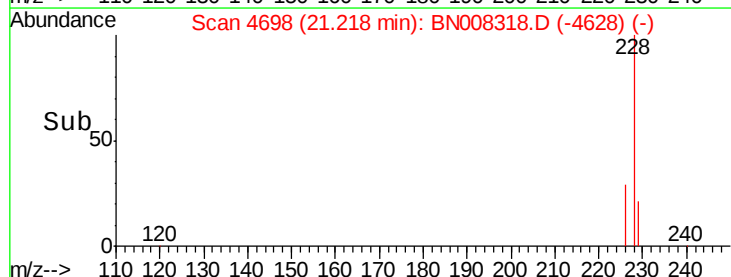
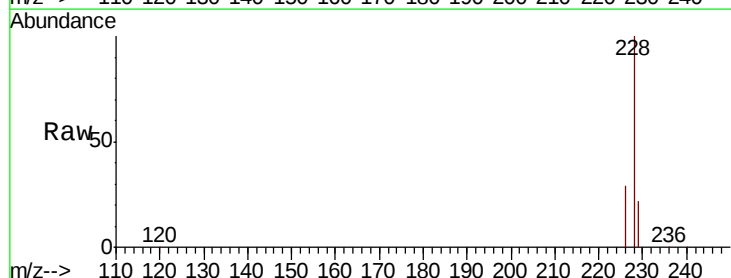
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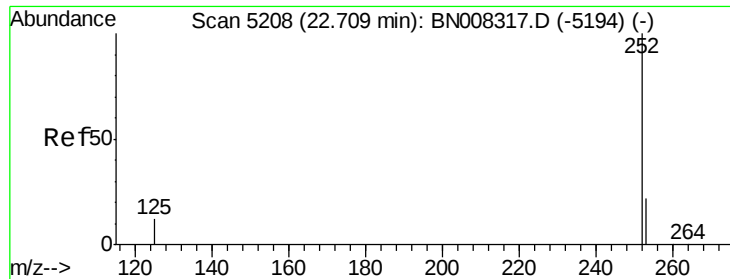
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#19
Chrysene
Concen: 16.840 ng/ul
RT: 21.22 min Scan# 4698
Delta R.T. 0.00 min
Lab File: BN008318.D
Acq: 22 Oct 2019 17:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.1	36.1
229	21.9	16.2	24.2





#21

Benzo(b)fluoranthene

Concen: 23.372 ng/ul m

RT: 22.72 min Scan# 5211

Delta R.T. 0.01 min

Lab File: BN008318.D

Acq: 22 Oct 2019 17:11

Instrument :

BNA_N

ClientSampleId :

BEP79DL

Tot Ion:252 Resp: 1035800

Ion Ratio Lower Upper

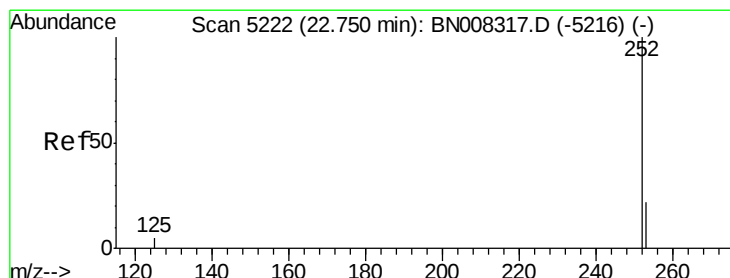
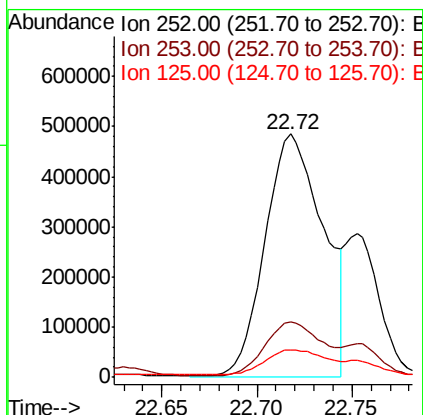
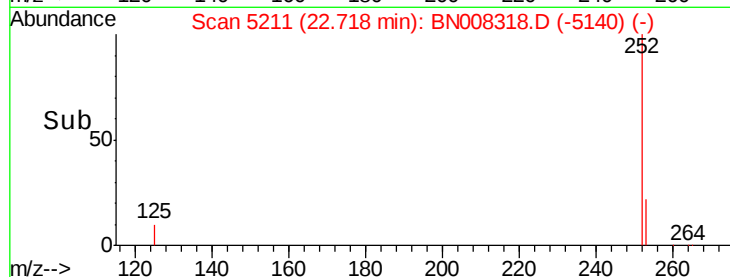
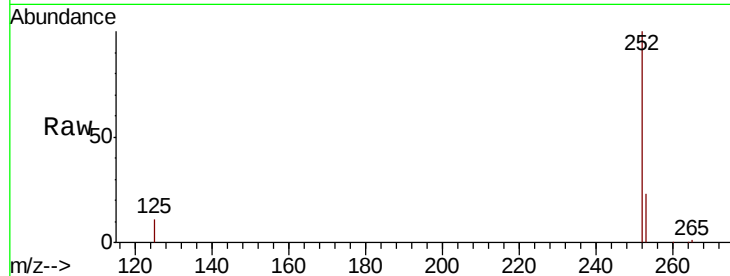
252 100

253 22.7 0.0 53.4

125 11.4 0.0 32.4

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#22

Benzo(k)fluoranthene

Concen: 7.320 ng/ul m

RT: 22.75 min Scan# 5223

Delta R.T. 0.00 min

Lab File: BN008318.D

Acq: 22 Oct 2019 17:11

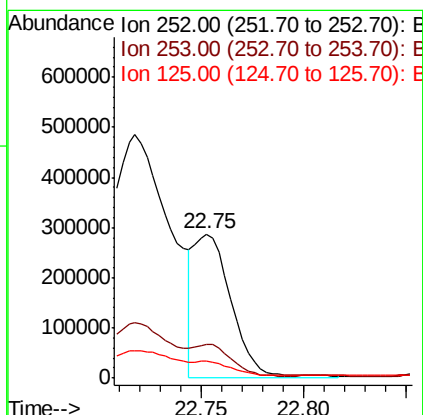
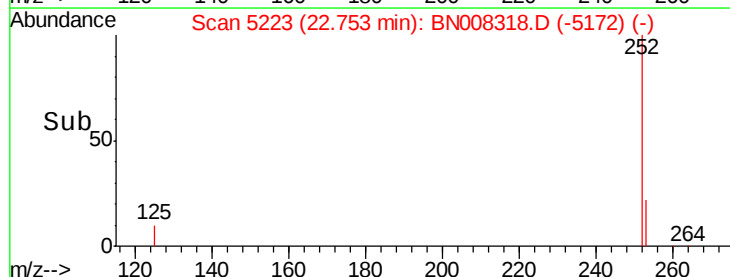
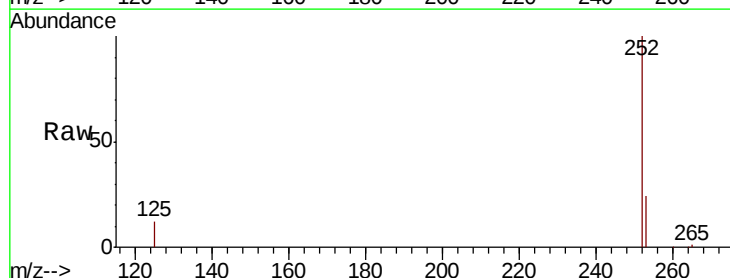
Tgt Ion:252 Resp: 367476

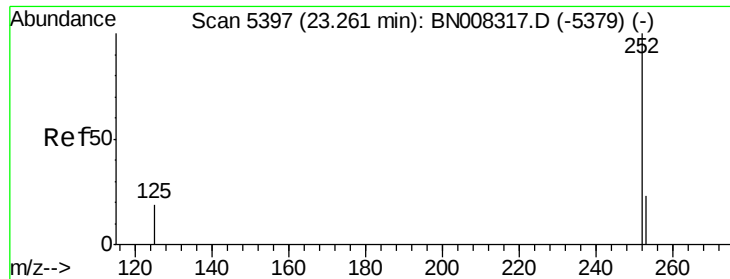
Ion Ratio Lower Upper

252 100

253 23.6 21.3 31.9

125 11.6 12.3 18.5#





#23

Benzo(a)pyrene

Concen: 16.234 ng/ul

RT: 23.27 min Scan# 5400

Delta R.T. 0.01 min

Lab File: BN008318.D

Acq: 22 Oct 2019 17:11

Instrument :

BNA_N

ClientSampleId :

BEP79DL

Tot Ion: 252 Resp: 757088

Ion Ratio Lower Upper

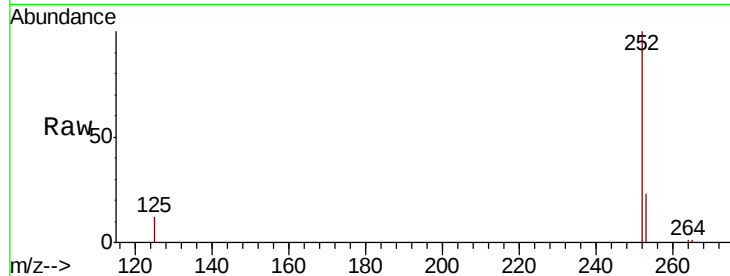
252 100

253 22.8 22.8 34.2#

125 11.7 18.4 27.6#

Manual Integrations
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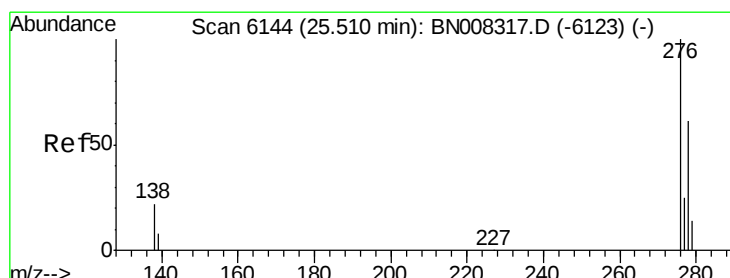
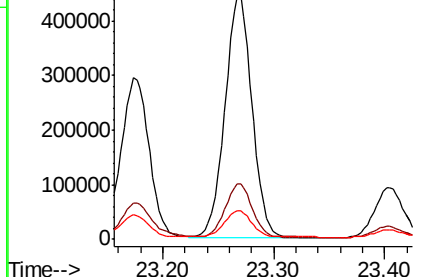
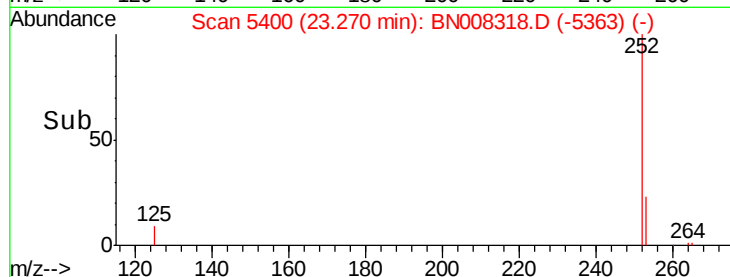
mohammad
10/24/2019 8:05:12 AM



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: 7.705 ng/ul

RT: 25.52 min Scan# 6146

Delta R.T. 0.01 min

Lab File: BN008318.D

Acq: 22 Oct 2019 17:11

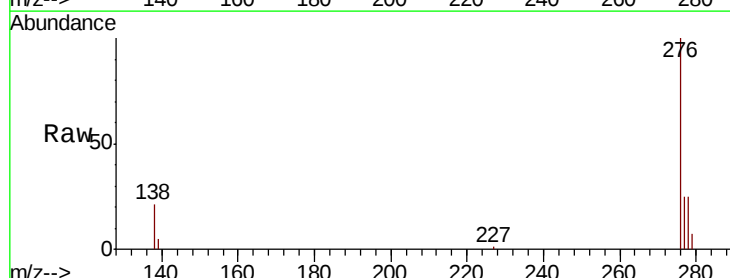
Tgt Ion: 276 Resp: 423241

Ion Ratio Lower Upper

276 100

138 20.8 16.1 24.1

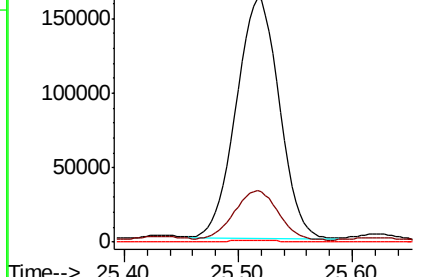
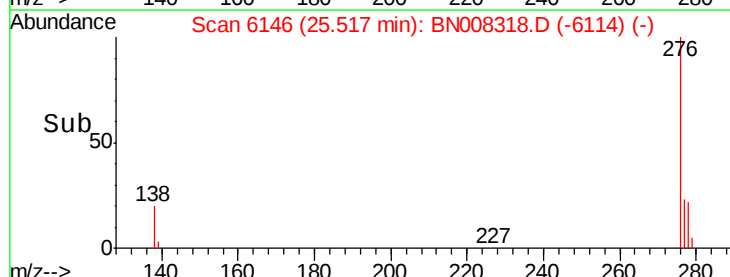
227 0.2 0.2 0.2

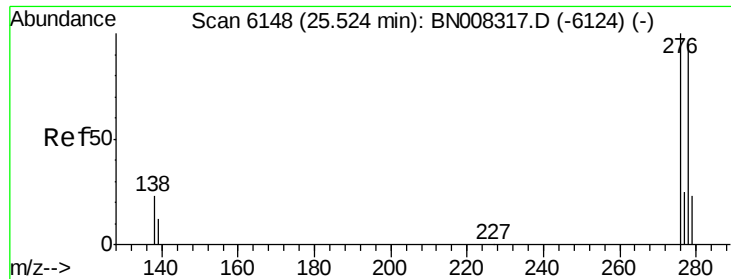


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





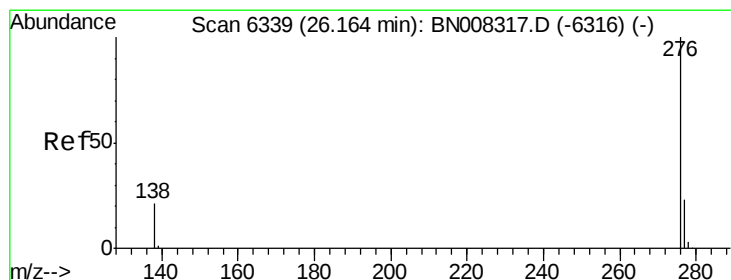
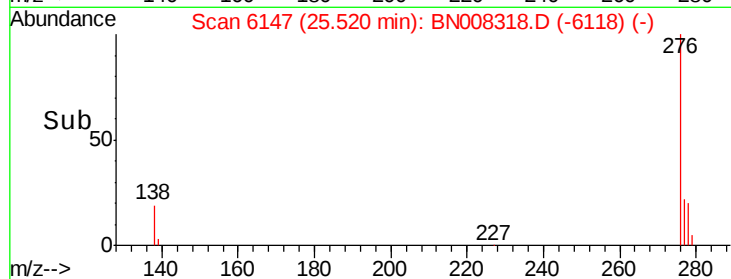
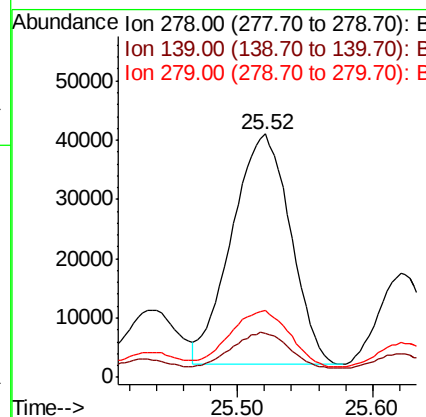
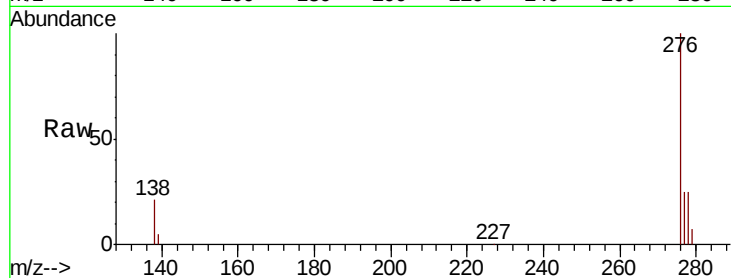
#25
Dibenzo(a,h)anthracene
Concen: 2.717 ng/ul
RT: 25.52 min Scan# 6147
Delta R.T. -0.00 min
Lab File: BN008318.D
Acq: 22 Oct 2019 17:11

Instrument :
BNA_N
ClientSampleId :
BEP79DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.2	15.0	22.6
279	27.4	22.4	33.6

Manual Integrations
APPROVED

mohammad
10/24/2019 8:05:12 AM



#26
Benzo(g,h,i)perylene
Concen: 6.361 ng/ul
RT: 26.17 min Scan# 6342
Delta R.T. 0.01 min
Lab File: BN008318.D
Acq: 22 Oct 2019 17:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.2	17.0	25.4
277	24.5	20.4	30.6

