

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
 Data File : BN008300.D
 Acq On : 22 Oct 2019 02:01
 Operator : JU
 Sample : K5199-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP72

Manual Integrations
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Quant Time: Oct 22 03:52:04 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	2009	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	9261	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5879	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	12464m	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	10322	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	9675	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	4715	0.30	ng/ul	-0.01
14) Fluoranthene-d10	19.01	212	13171	0.31	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.39	128	17365	0.659	ng/ul	99
5) 2-Methylnaphthalene	12.02	142	11722	0.648	ng/ul	98
7) Acenaphthylene	13.94	152	45024	1.608	ng/ul	99
8) Acenaphthene	14.28	153	35176	1.615	ng/ul	99
9) Fluorene	15.28	166	38718	1.566	ng/ul	97
11) Pentachlorophenol	16.63	266	389	0.129	ng/ul	95
12) Phenanthrene	17.01	178	799340	21.905	ng/ul	99
13) Anthracene	17.10	178	164503	5.123	ng/ul	99
15) Fluoranthene	19.04	202	1764411	36.609	ng/ul	99
17) Pyrene	19.41	202	1880961	45.767	ng/ul	100
18) Benzo(a)anthracene	21.16	228	995250	26.521	ng/ul	97
19) Chrysene	21.22	228	1048674	22.771	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	1044433m	33.161	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	346219m	9.704	ng/ul	
23) Benzo(a)pyrene	23.26	252	768543	23.189	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.51	276	443104	11.351	ng/ul	99
25) Dibenzo(a,h)anthracene	25.51	278	123765	4.011	ng/ul	100
26) Benzo(g,h,i)perylene	26.17	276	440569	12.308	ng/ul	99

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

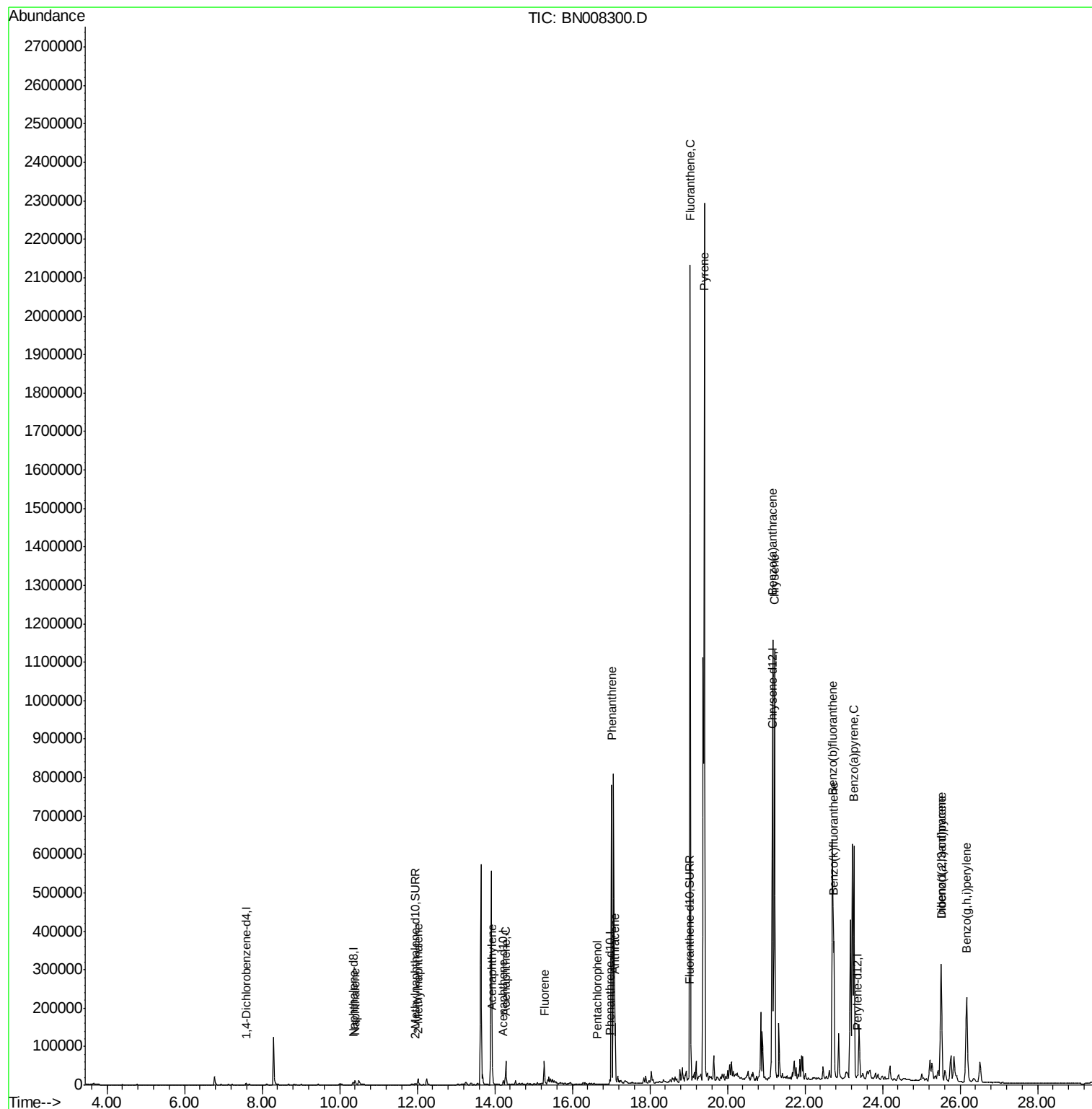
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
Data File : BN008300.D
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ALS Vial : 27 Sample Multiplier: 1

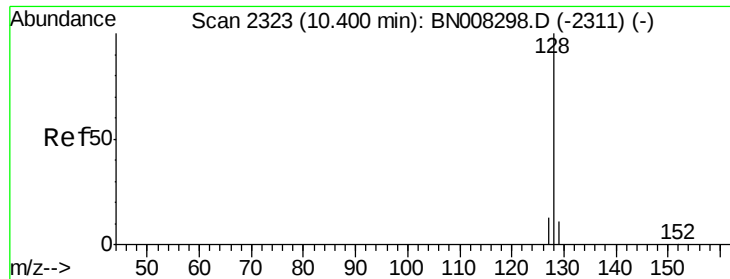
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Mon Oct 21 23:58:15 2019
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#3

Naphthalene

Concen: 0.659 ng/ul

RT: 10.39 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BN008300.D

Acq: 22 Oct 2019 02:01

Instrument :

BNA_N

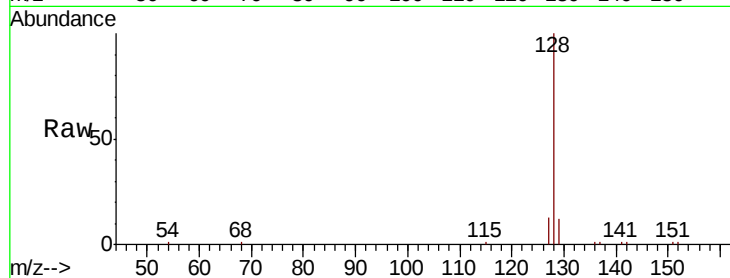
ClientSampleId :

BEP72

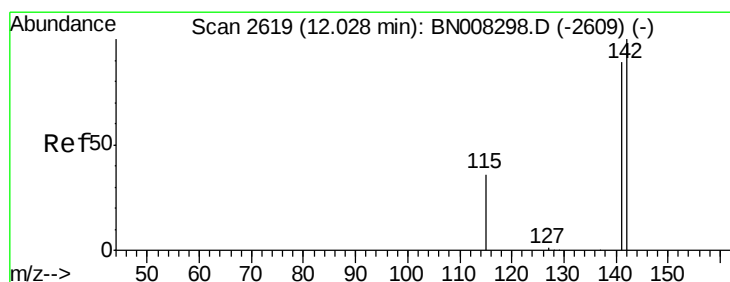
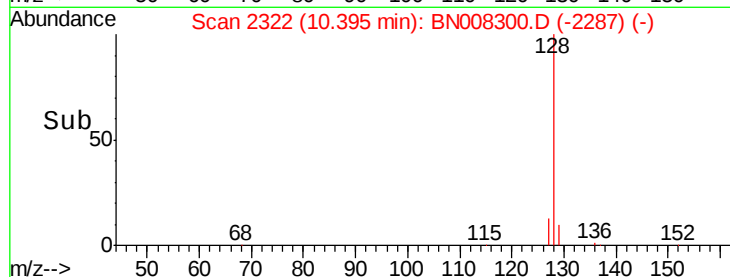
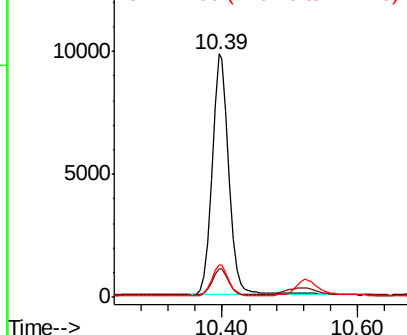
Tot Ion:	128	Resp:	17365
Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.8	14.8
127	13.4	11.1	16.7

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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: 0.648 ng/ul

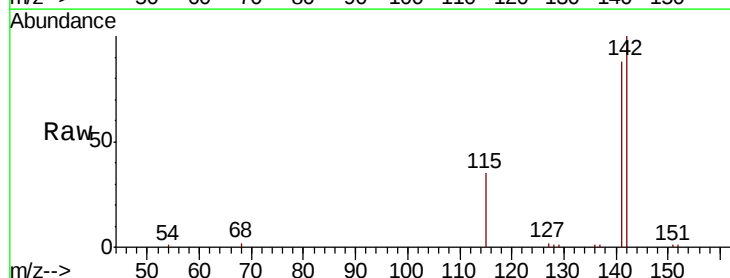
RT: 12.02 min Scan# 2618

Delta R.T. -0.01 min

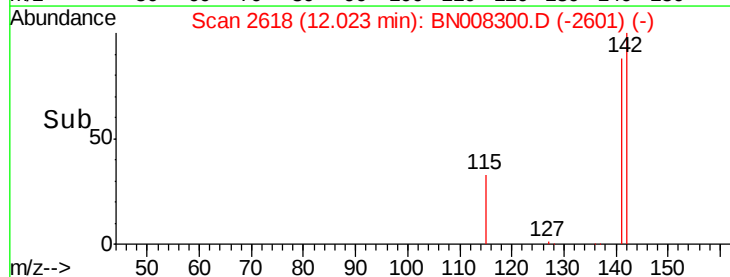
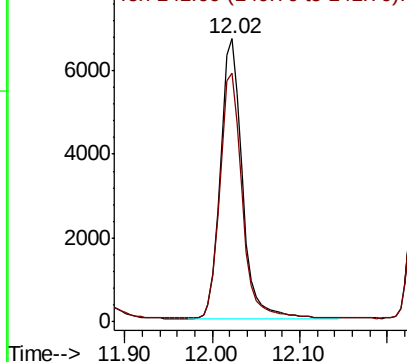
Lab File: BN008300.D

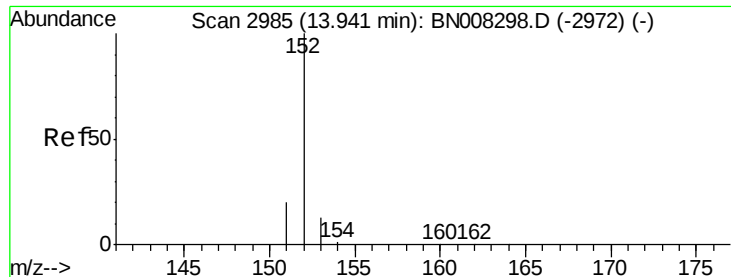
Acq: 22 Oct 2019 02:01

Tgt Ion:	142	Resp:	11722
Ion	Ratio	Lower	Upper
142	100		
141	87.8	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: 1.608 ng/ul

RT: 13.94 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BN008300.D

Acq: 22 Oct 2019 02:01

Instrument :

BNA_N

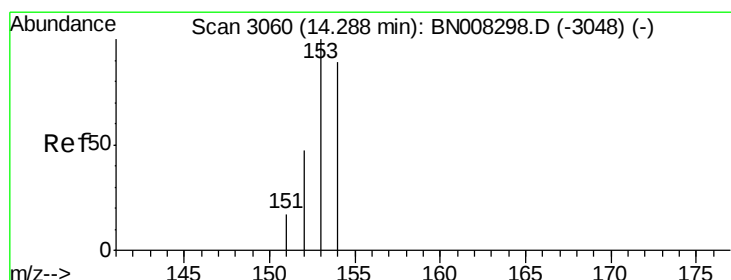
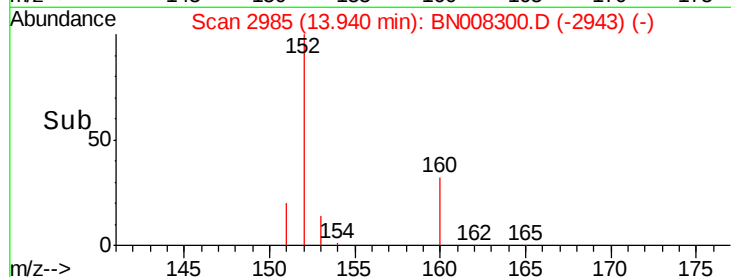
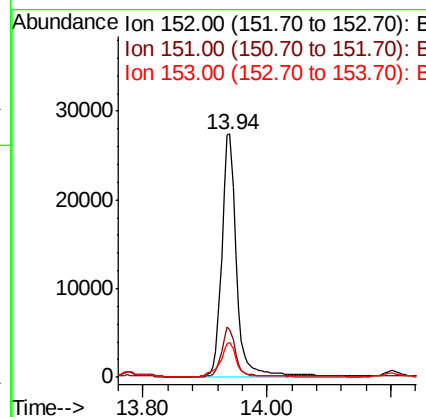
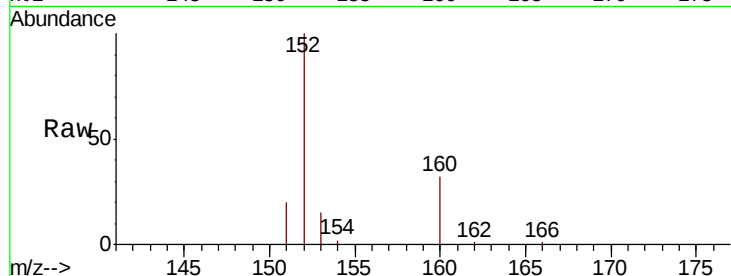
ClientSampled :

BEP72

Tot Ion:	152	Resp:	45024
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.2	24.4
153	14.5	11.0	16.4

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#8

Acenaphthene

Concen: 1.615 ng/ul

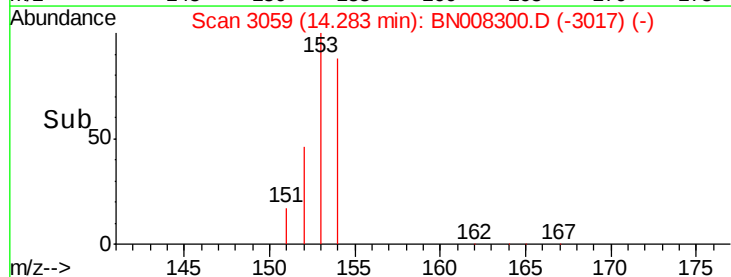
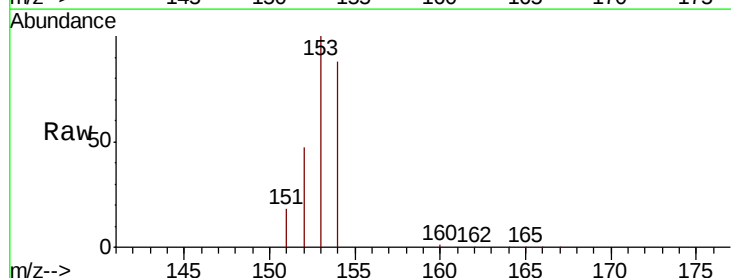
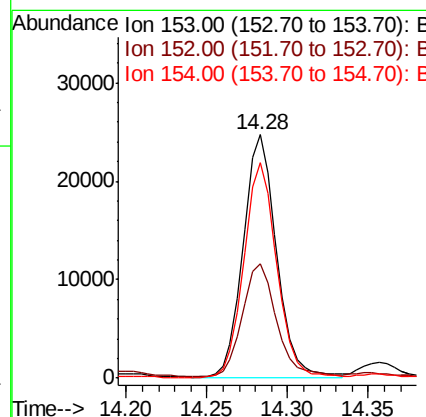
RT: 14.28 min Scan# 3059

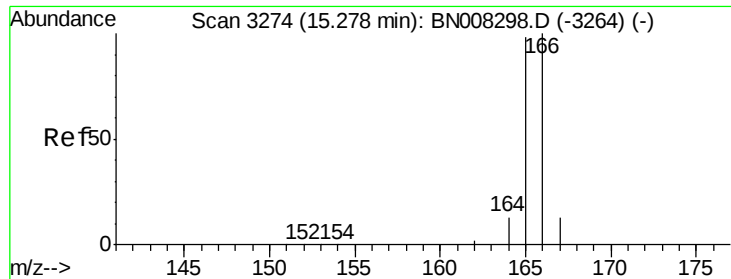
Delta R.T. -0.00 min

Lab File: BN008300.D

Acq: 22 Oct 2019 02:01

Tgt Ion:	153	Resp:	35176
Ion Ratio	Lower	Upper	
153	100		
152	47.1	38.2	57.2
154	88.4	71.8	107.8





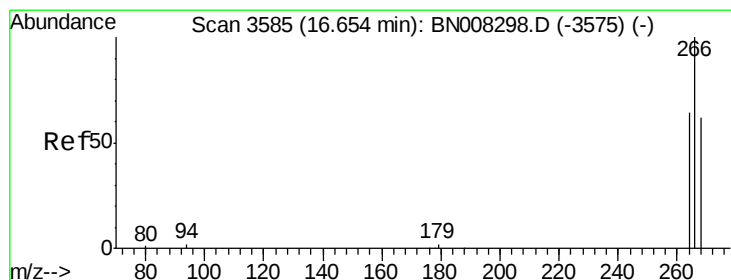
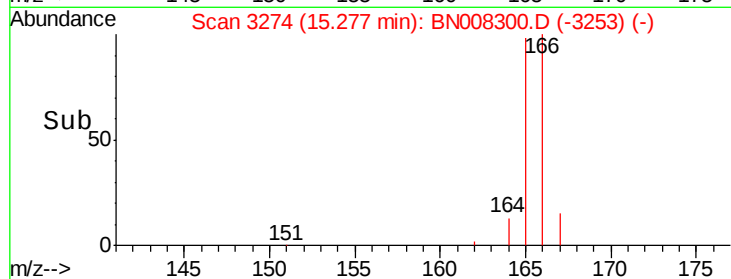
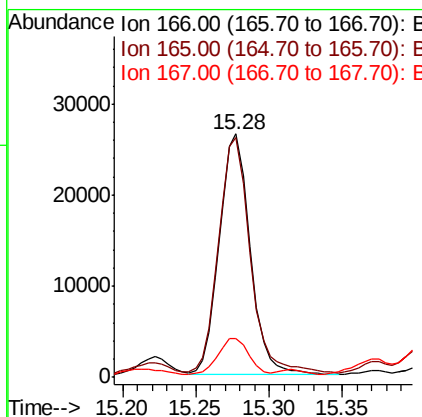
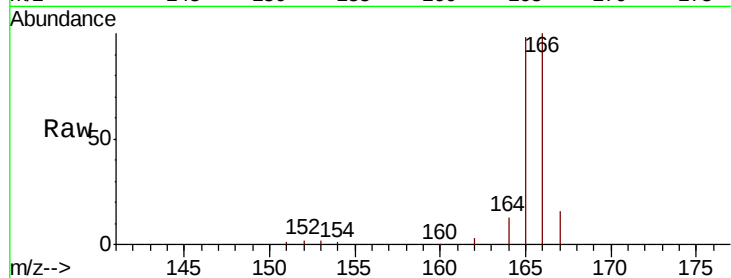
#9
Fluorene
 Concen: 1.566 ng/ul
 RT: 15.28 min Scan# 3274
 Delta R.T. -0.00 min
 Lab File: BN008300.D
 Acq: 22 Oct 2019 02:01

Instrument :
 BNA_N
 ClientSampleId :
 BEP72

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.3	76.6	115.0
167	16.2	11.7	17.5

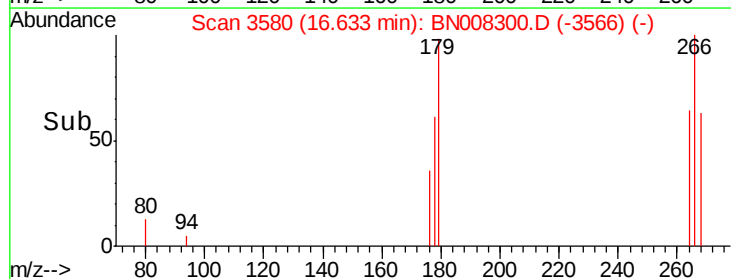
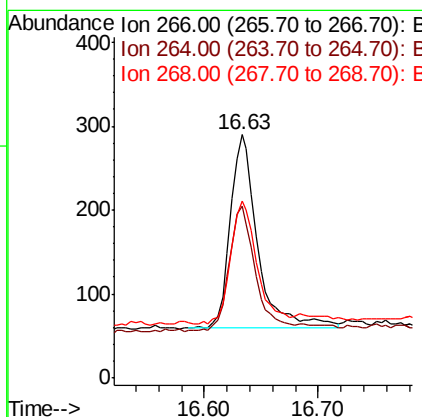
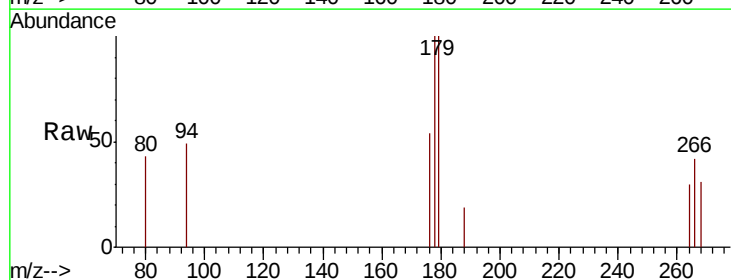
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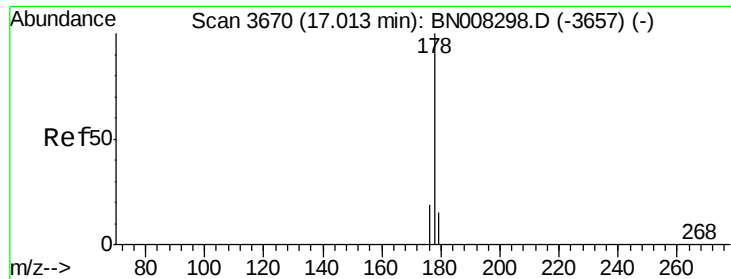
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#11
Pentachlorophenol
 Concen: 0.129 ng/ul
 RT: 16.63 min Scan# 3580
 Delta R.T. -0.04 min
 Lab File: BN008300.D
 Acq: 22 Oct 2019 02:01

Tgt Ion	Ratio	Lower	Upper
266	100		
264	66.8	50.1	75.1
268	61.4	51.9	77.9





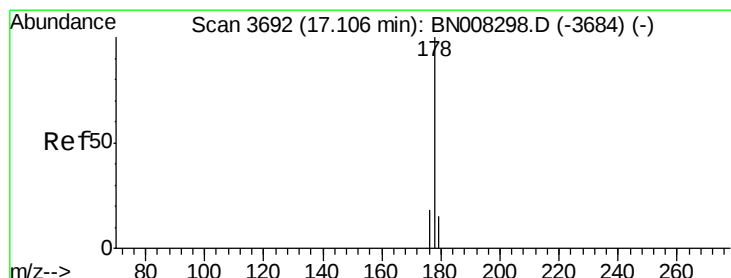
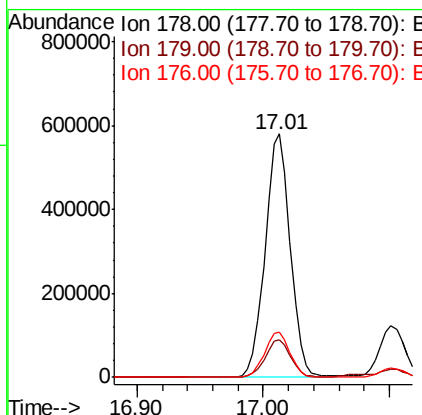
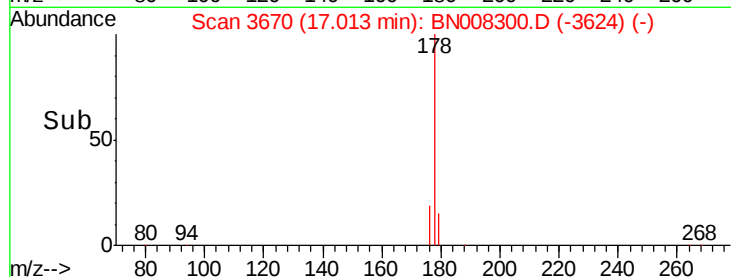
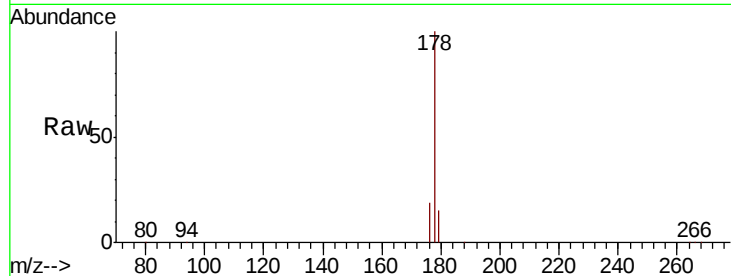
#12
Phenanthrene
Concen: 21.905 ng/ul
RT: 17.01 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BN008300.D
Acq: 22 Oct 2019 02:01

Instrument :
BNA_N
ClientSampleId :
BEP72

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	18.8	15.4	23.2

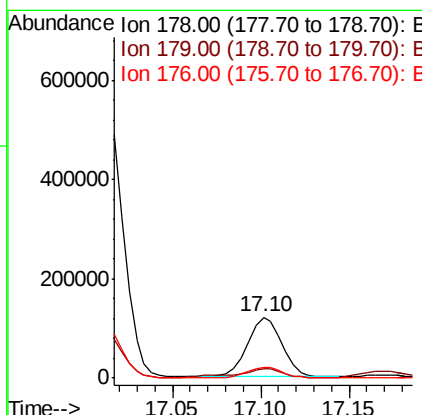
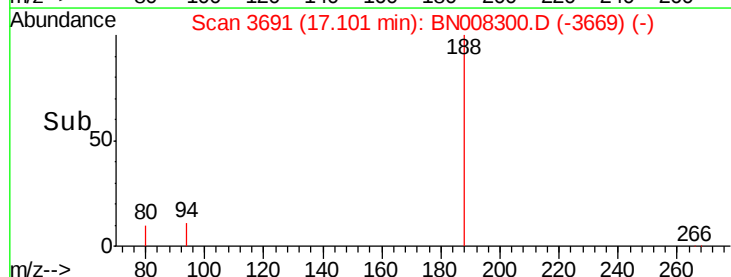
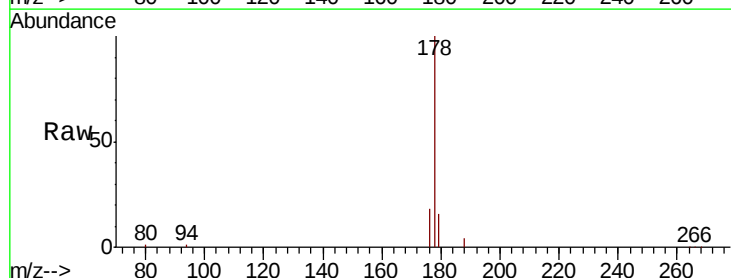
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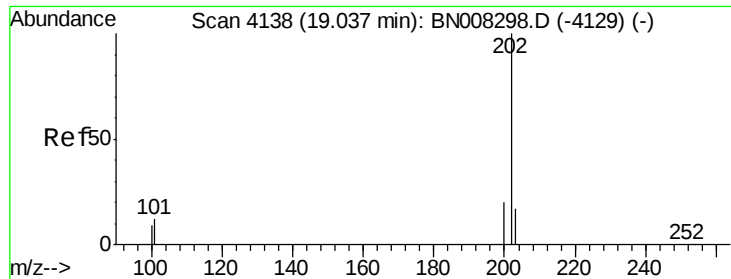
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#13
Anthracene
Concen: 5.123 ng/ul
RT: 17.10 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BN008300.D
Acq: 22 Oct 2019 02:01

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.0	19.6
176	18.2	15.0	22.6





#15

Fluoranthene

Concen: 36.609 ng/ul

RT: 19.04 min Scan# 4139

Delta R.T. 0.00 min

Lab File: BN008300.D

Acq: 22 Oct 2019 02:01

Instrument :

BNA_N

ClientSampled :

BEP72

Tot Ion:202 Resp: 1764411

Ion Ratio Lower Upper

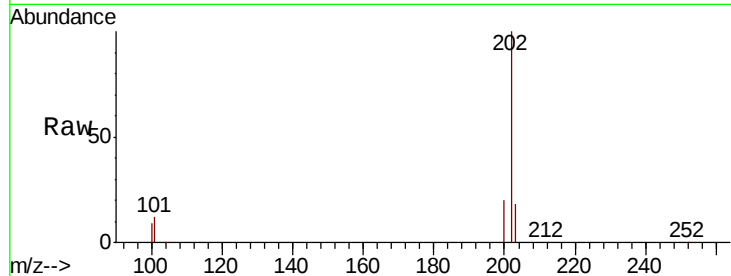
202 100

101 11.8 0.0 31.2

100 8.7 0.0 28.5

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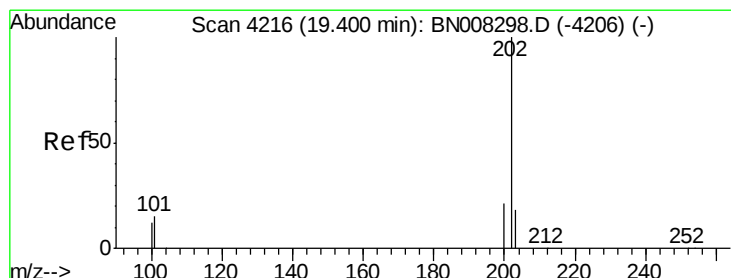
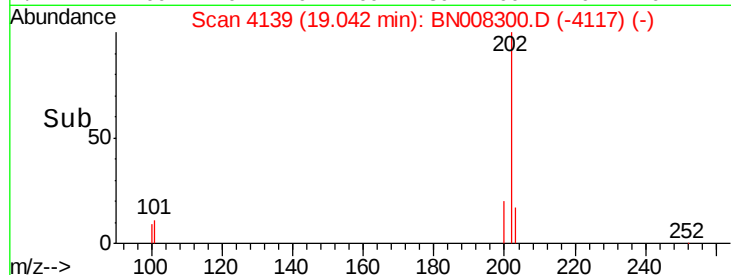
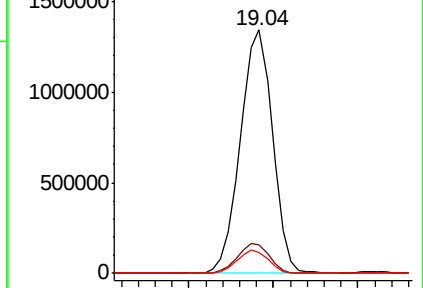
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 45.767 ng/ul

RT: 19.41 min Scan# 4218

Delta R.T. 0.00 min

Lab File: BN008300.D

Acq: 22 Oct 2019 02:01

Tgt Ion:202 Resp: 1880961

Ion Ratio Lower Upper

202 100

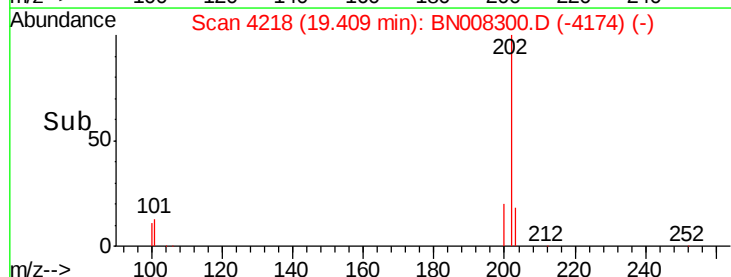
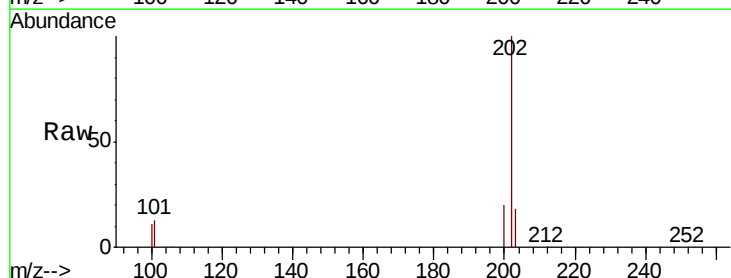
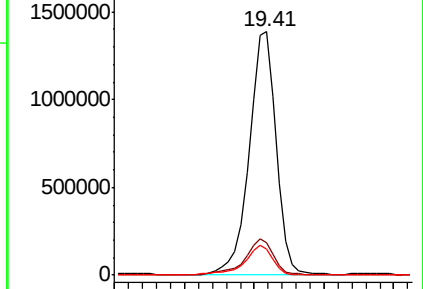
101 13.5 10.9 16.3

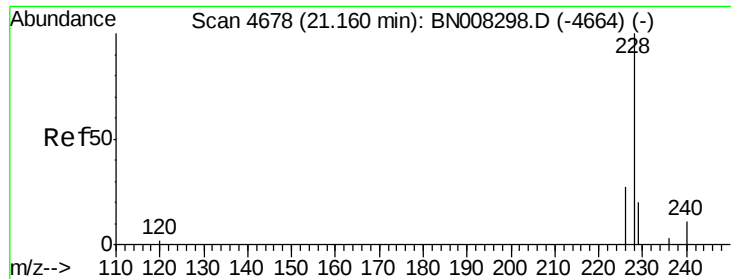
100 10.8 8.7 13.1

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





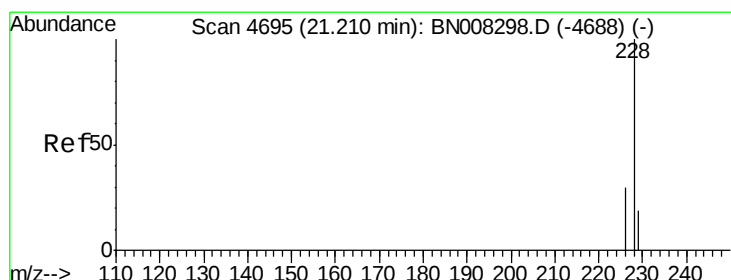
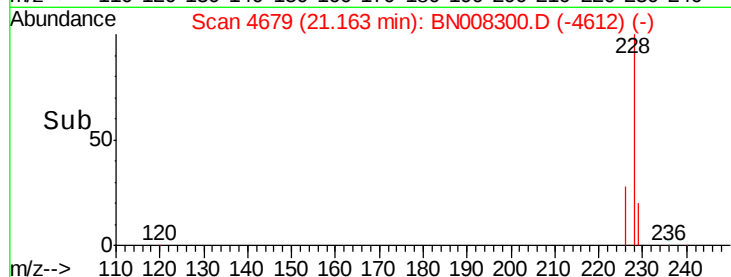
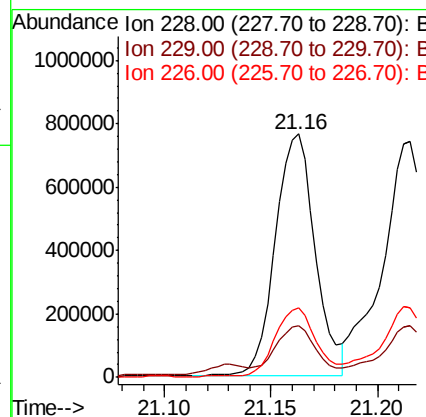
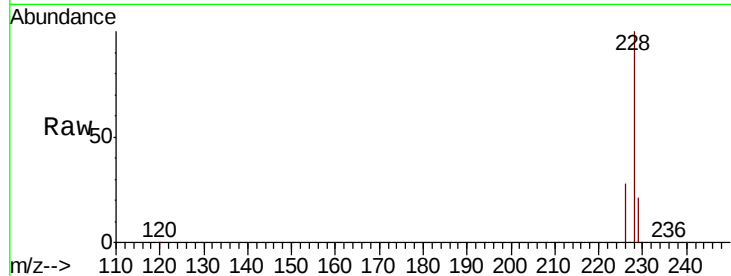
#18
Benzo(a)anthracene
Concen: 26.521 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.00 min
Lab File: BN008300.D
Acq: 22 Oct 2019 02:01

Instrument :
BNA_N
ClientSampleId :
BEP72

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

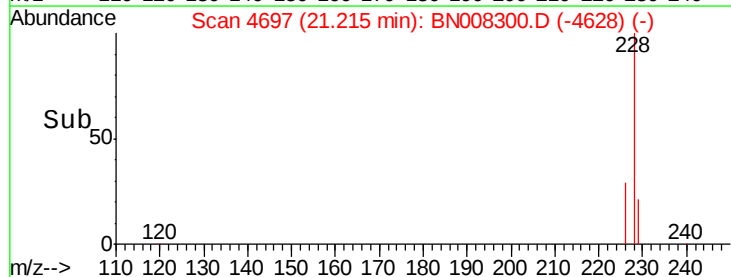
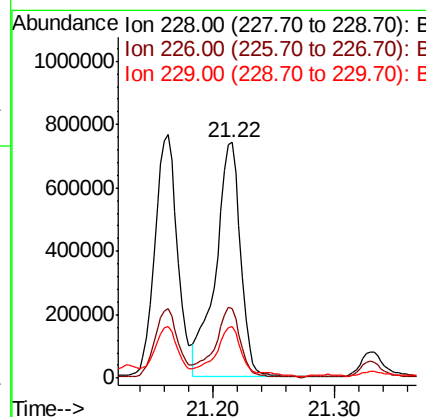
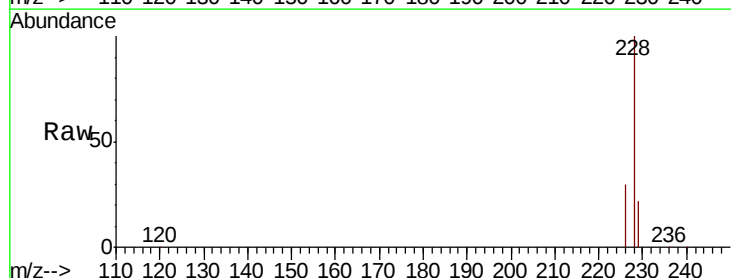
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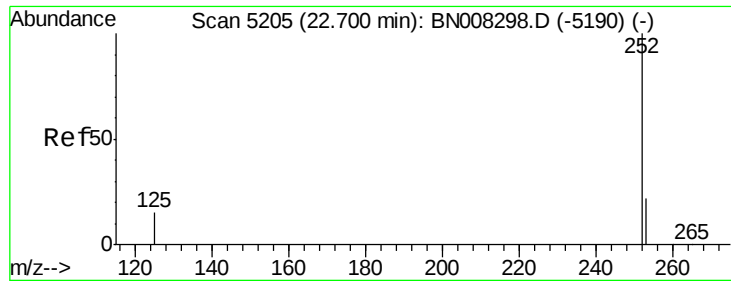
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#19
Chrysene
Concen: 22.771 ng/ul
RT: 21.22 min Scan# 4697
Delta R.T. 0.00 min
Lab File: BN008300.D
Acq: 22 Oct 2019 02:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	22.0	16.2	24.2





#21

Benzo(b)fluoranthene

Concen: 33.161 ng/ul m

RT: 22.71 min Scan# 5208

Delta R.T. 0.00 min

Lab File: BN008300.D

Acq: 22 Oct 2019 02:01

Instrument :

BNA_N

ClientSampleId :

BEP72

Tot Ion:252 Resp: 1044433

Ion Ratio Lower Upper

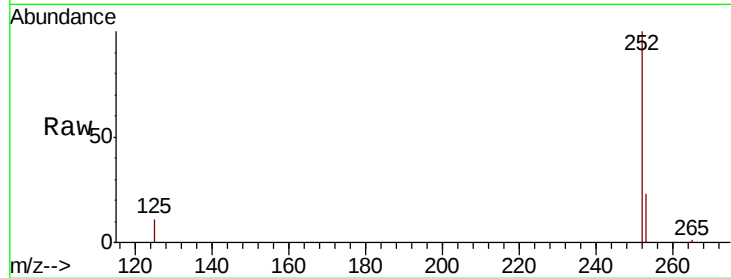
252 100

253 23.0 0.0 53.4

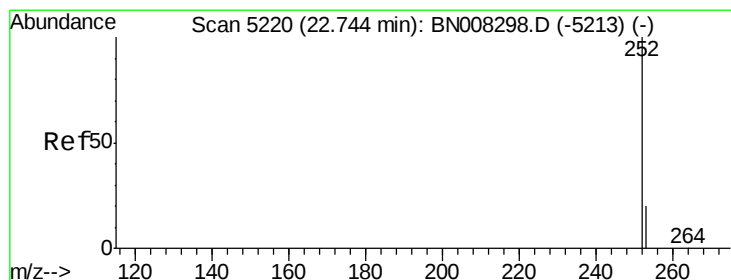
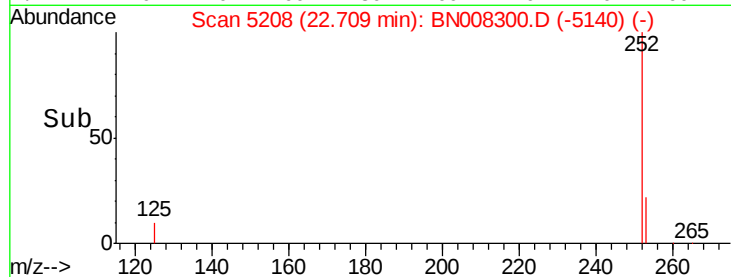
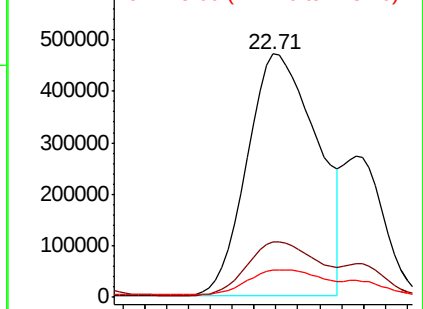
125 11.1 0.0 32.4

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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: 9.704 ng/ul m

RT: 22.75 min Scan# 5221

Delta R.T. -0.01 min

Lab File: BN008300.D

Acq: 22 Oct 2019 02:01

Tgt Ion:252 Resp: 346219

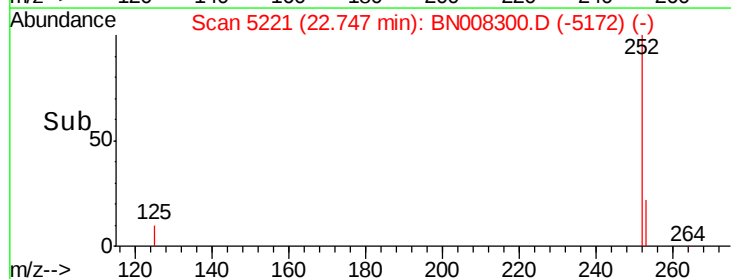
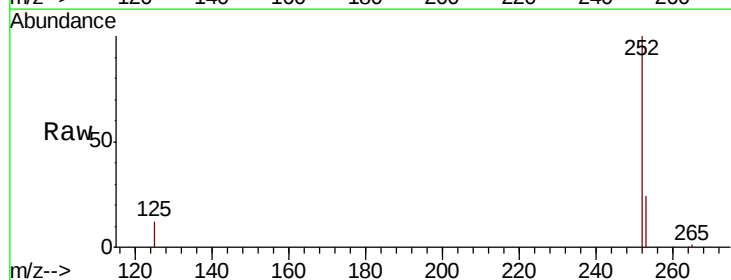
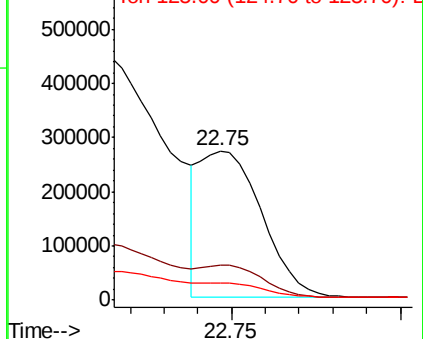
Ion Ratio Lower Upper

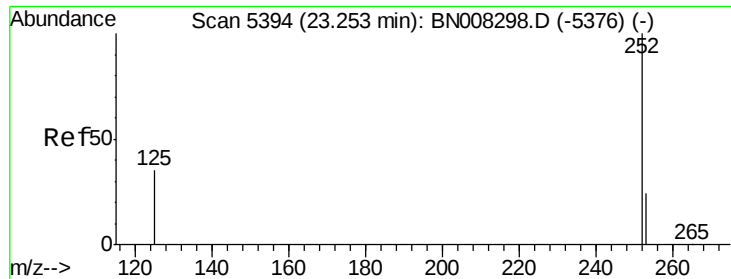
252 100

253 23.7 21.3 31.9

125 11.6 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: 23.189 ng/ul

RT: 23.26 min Scan# 5397

Delta R.T. 0.00 min

Lab File: BN008300.D

Acq: 22 Oct 2019 02:01

Instrument :

BNA_N

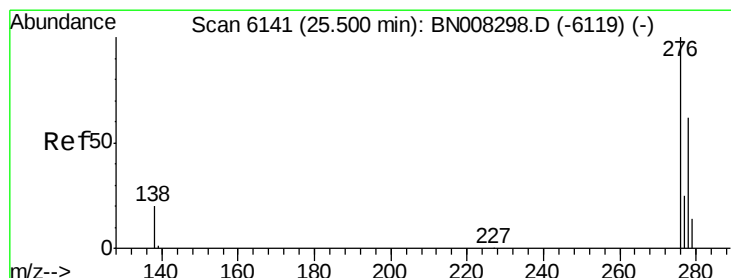
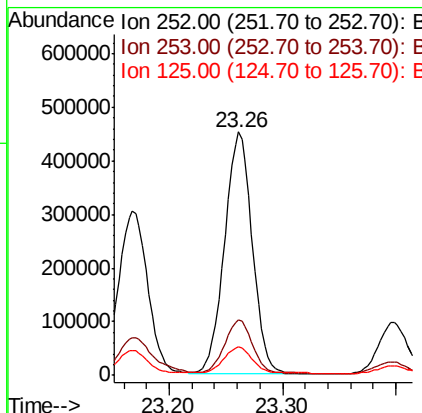
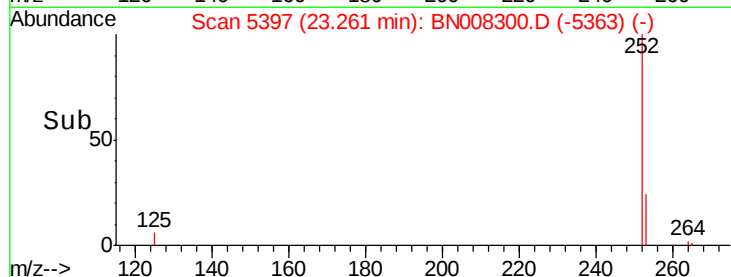
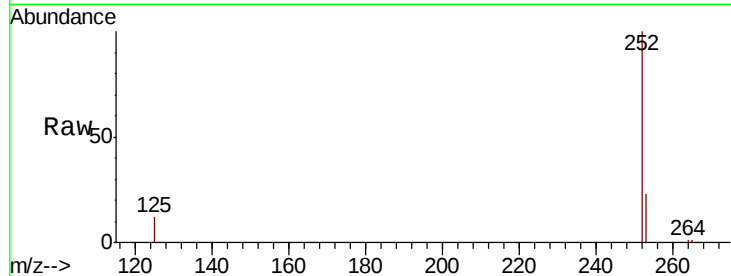
ClientSampleId :

BEP72

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	22.8	34.2
125	11.6	18.4	27.6

Manual Integrations
APPROVED

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



#24

Indeno(1,2,3-cd)pyrene

Concen: 11.351 ng/ul

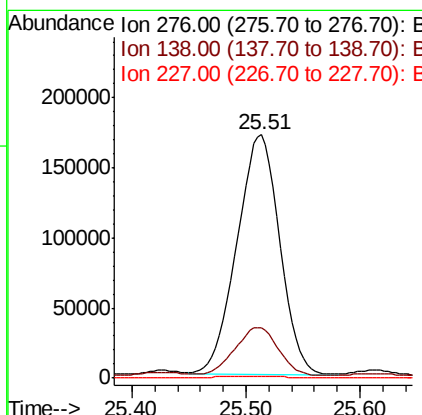
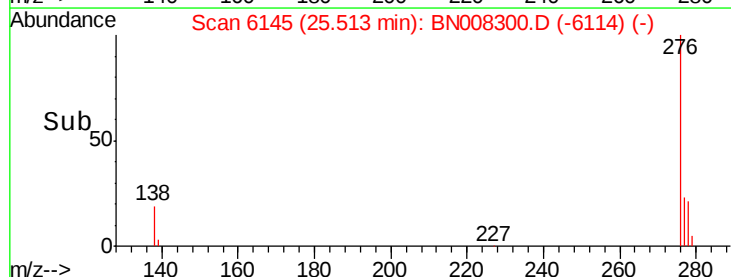
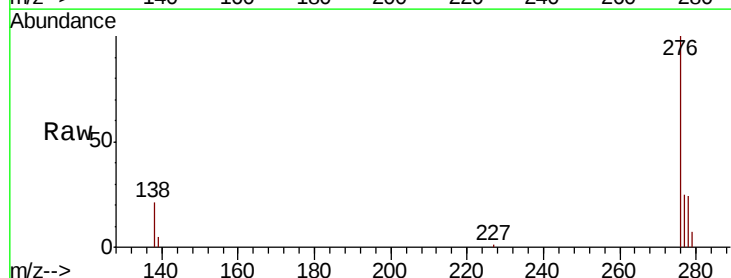
RT: 25.51 min Scan# 6145

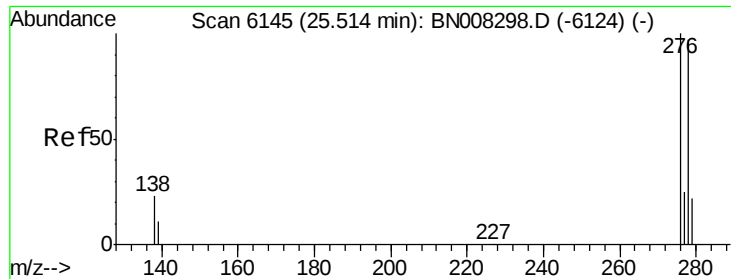
Delta R.T. 0.00 min

Lab File: BN008300.D

Acq: 22 Oct 2019 02:01

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





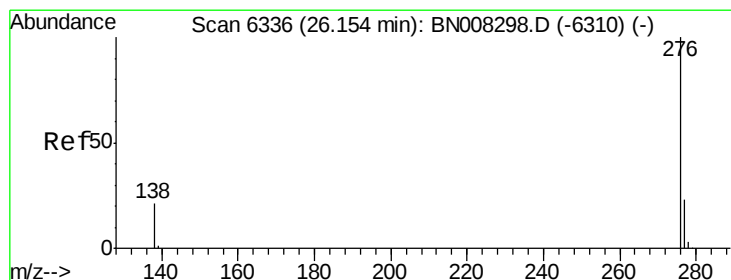
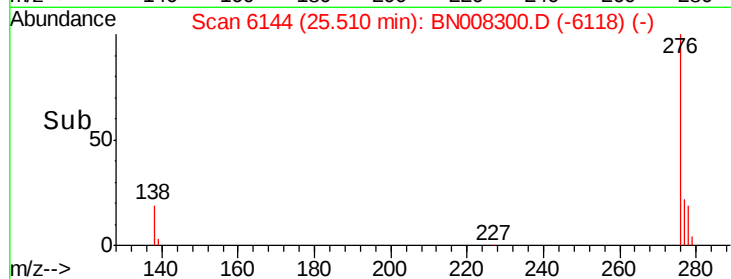
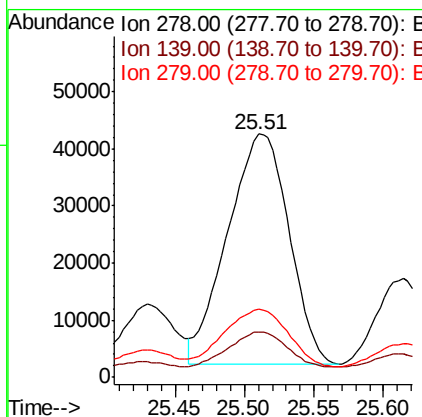
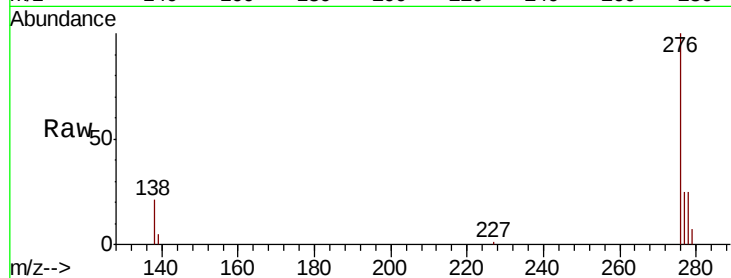
#25
Dibenzo(a,h)anthracene
Concen: 4.011 ng/ul
RT: 25.51 min Scan# 6144
Delta R.T. -0.01 min
Lab File: BN008300.D
Acq: 22 Oct 2019 02:01

Instrument :
BNA_N
ClientSampleId :
BEP72

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.6	15.0	22.6
279	28.1	22.4	33.6

Manual Integrations
APPROVED

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



#26
Benzo(g,h,i)perylene
Concen: 12.308 ng/ul
RT: 26.17 min Scan# 6340
Delta R.T. 0.00 min
Lab File: BN008300.D
Acq: 22 Oct 2019 02:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.1	17.0	25.4
277	24.4	20.4	30.6

