

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
 Data File : BN008230.D
 Acq On : 17 Oct 2019 20:34
 Operator : JU
 Sample : K5177-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP94

Manual Integrations
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mohammad
 10/20/2019 8:09:17 PM

Quant Time: Oct 18 03:07:52 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 : Thu Oct 17 01:48:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2561	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	12426	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	7594	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	16750m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	13174	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	10461	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	3520	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	10438	0.18	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	7431	0.210	ng/ul	99
5) 2-Methylnaphthalene	12.04	142	4583	0.189	ng/ul	100
7) Acenaphthylene	13.95	152	20872	0.577	ng/ul	99
8) Acenaphthene	14.30	153	12372	0.440	ng/ul	99
9) Fluorene	15.29	166	16728	0.524	ng/ul	97
11) Pentachlorophenol	16.65	266	179	0.044	ng/ul	96
12) Phenanthrene	17.03	178	349305	7.123	ng/ul	99
13) Anthracene	17.12	178	71454	1.656	ng/ul	99
15) Fluoranthene	19.05	202	853647	13.180	ng/ul	98
17) Pyrene	19.42	202	876858	16.716	ng/ul	100
18) Benzo(a)anthracene	21.17	228	462411	9.654	ng/ul	98
19) Chrysene	21.23	228	482770	8.213	ng/ul	98
21) Benzo(b)fluoranthene	22.73	252	461032m	13.538	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	161031m	4.174	ng/ul	
23) Benzo(a)pyrene	23.28	252	342864	9.568	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.53	276	203362	4.818	ng/ul	100
25) Dibenzo(a,h)anthracene	25.54	278	55454	1.662	ng/ul	99
26) Benzo(g,h,i)perylene	26.19	276	199245	5.148	ng/ul	98

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

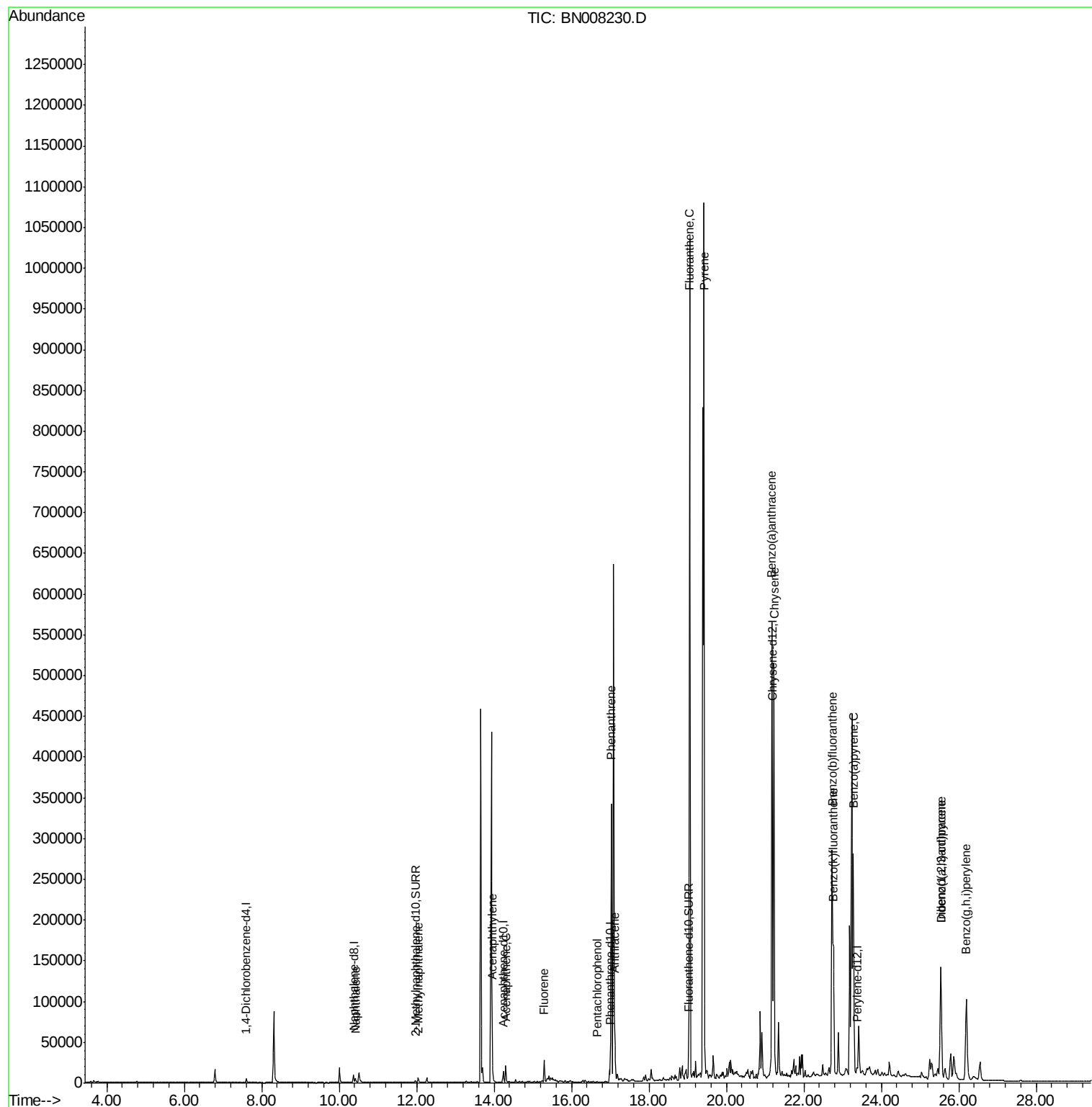
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
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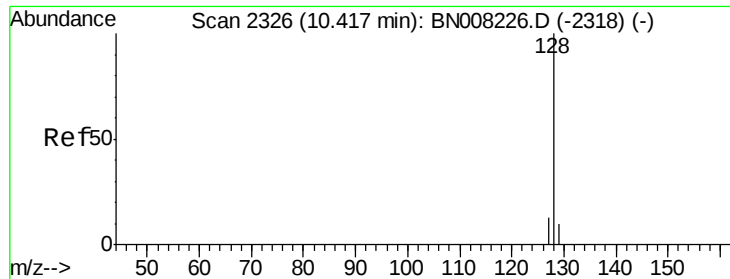
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#3

Naphthalene

Concen: 0.210 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BN008230.D

Acq: 17 Oct 2019 20:34

Instrument :

BNA_N

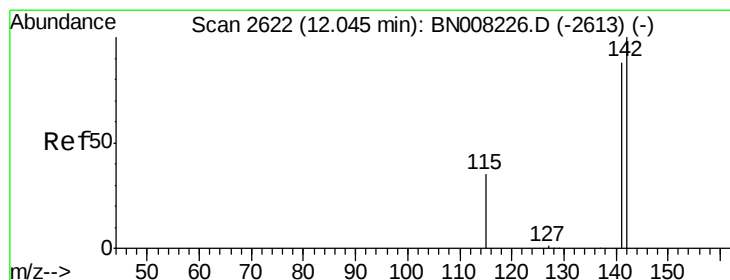
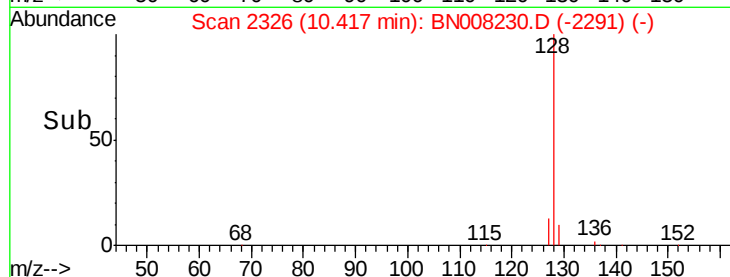
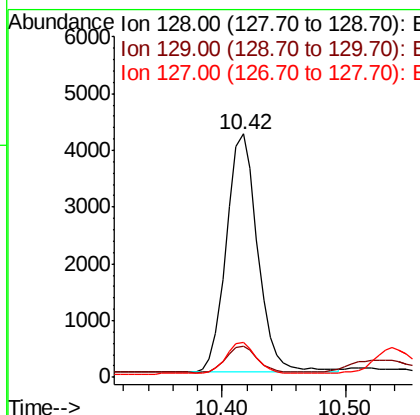
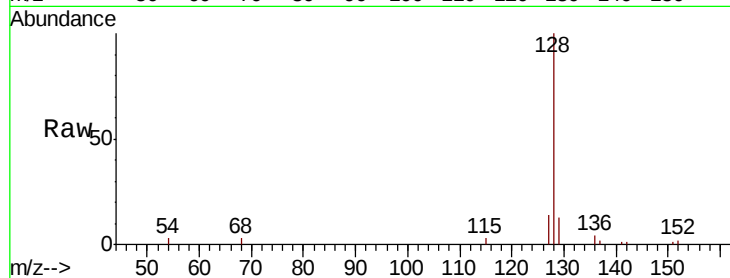
ClientSampleId :

BEP94

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.8	14.8
127	14.4	11.1	16.7

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#5

2-Methylnaphthalene

Concen: 0.189 ng/ul

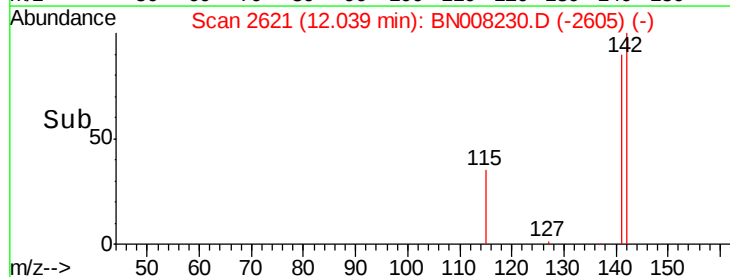
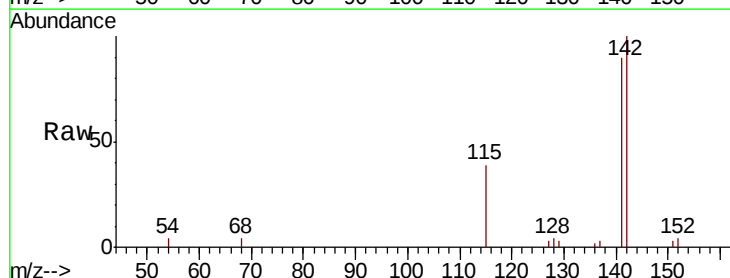
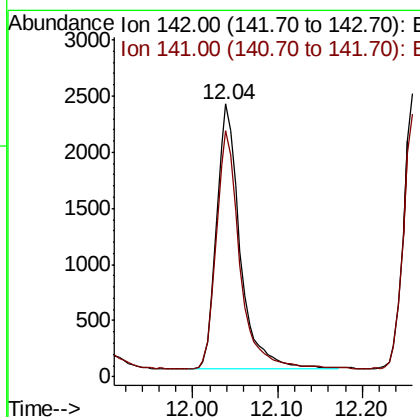
RT: 12.04 min Scan# 2621

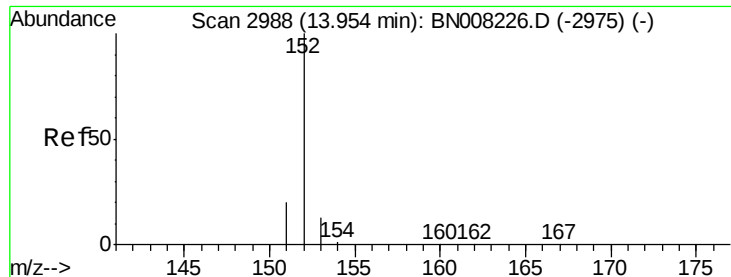
Delta R.T. -0.01 min

Lab File: BN008230.D

Acq: 17 Oct 2019 20:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.2





#7

Acenaphthylene

Concen: 0.577 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN008230.D

Acq: 17 Oct 2019 20:34

Instrument :

BNA_N

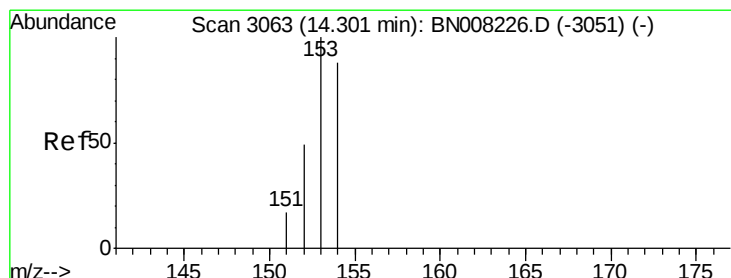
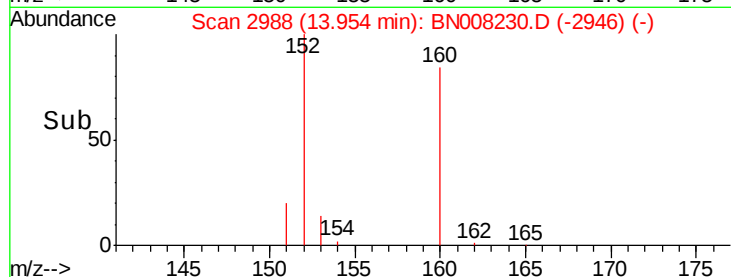
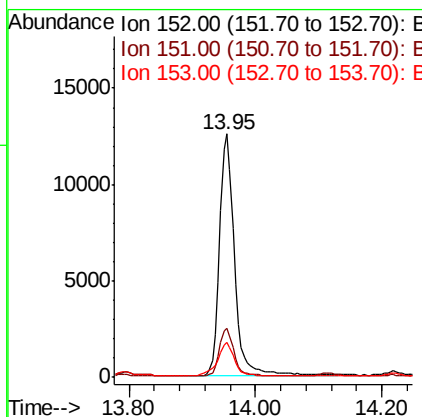
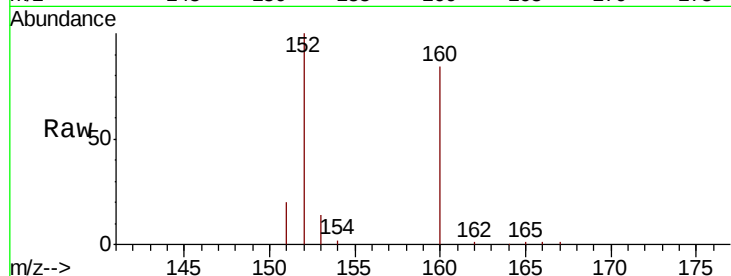
ClientSampleId :

BEP94

Tot Ion:	152	Resp:	20872
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.2	24.4
153	14.3	11.0	16.4

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#8

Acenaphthene

Concen: 0.440 ng/ul

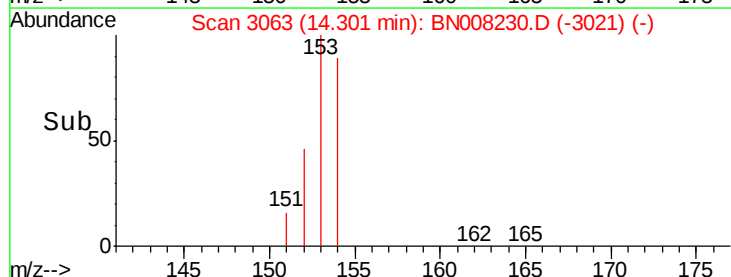
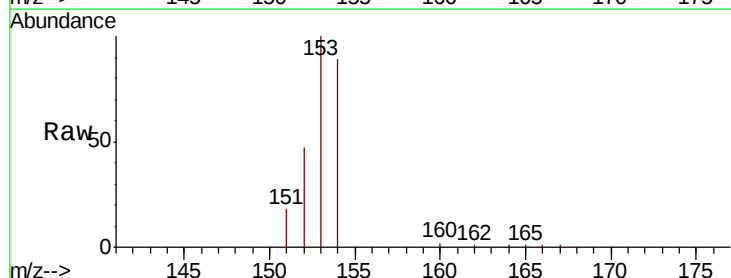
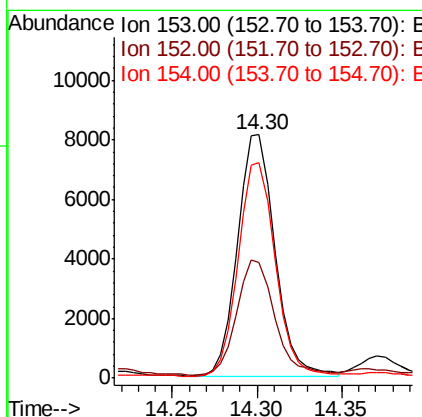
RT: 14.30 min Scan# 3063

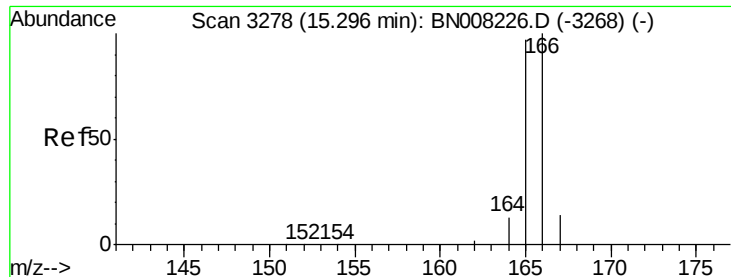
Delta R.T. -0.00 min

Lab File: BN008230.D

Acq: 17 Oct 2019 20:34

Tgt Ion:	153	Resp:	12372
Ion Ratio	Lower	Upper	
153	100		
152	47.4	38.2	57.2
154	88.6	71.8	107.8





#9

Fluorene

Concen: 0.524 ng/ul

RT: 15.29 min Scan# 3277

Delta R.T. -0.01 min

Lab File: BN008230.D

Acq: 17 Oct 2019 20:34

Instrument :

BNA_N

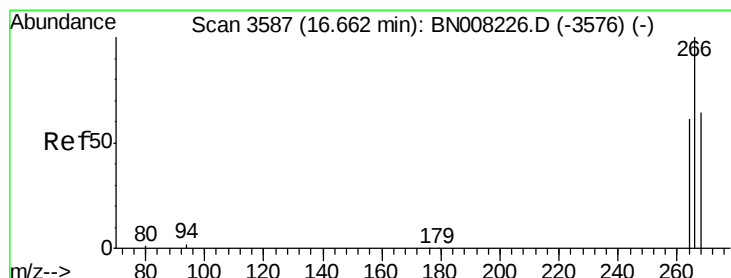
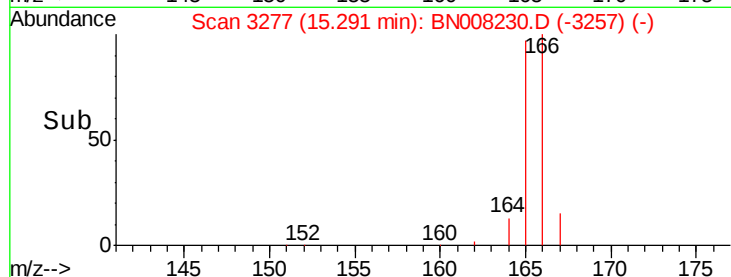
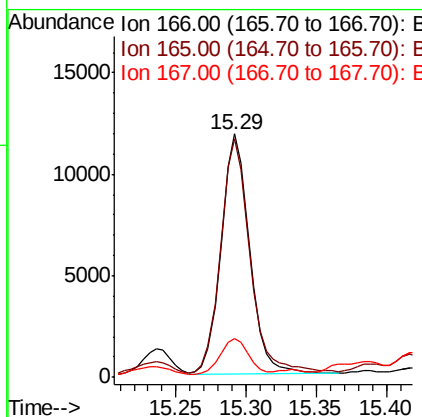
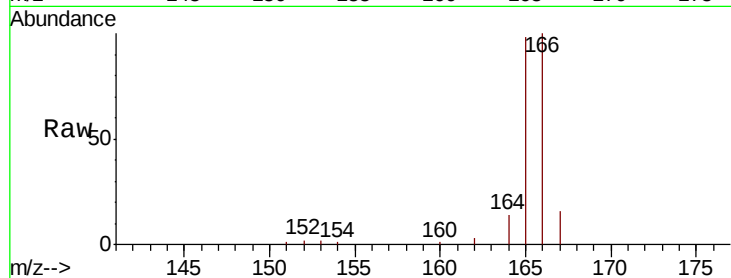
ClientSampleId :

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Tot Ion:	166	Resp:	16728
Ion Ratio	Lower	Upper	
166	100		
165	98.0	76.6	115.0
167	16.2	11.7	17.5

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#11

Pentachlorophenol

Concen: 0.044 ng/ul

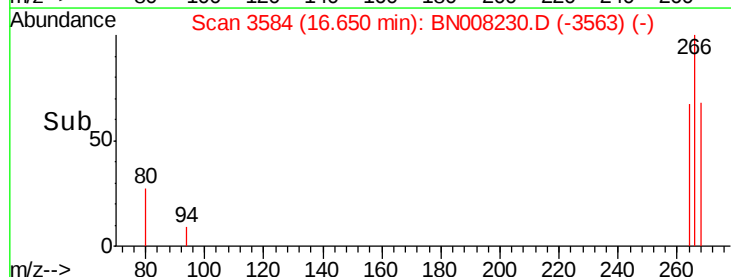
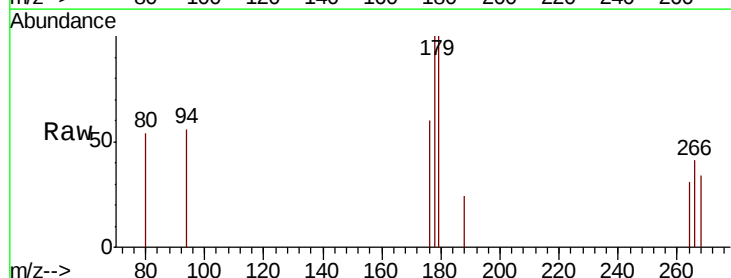
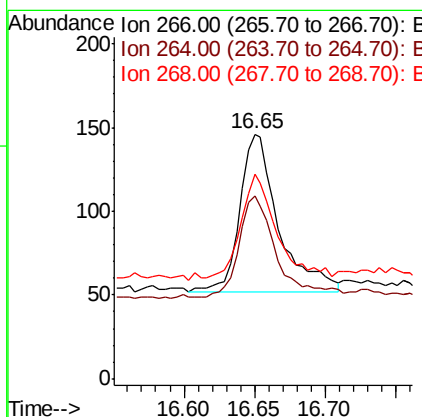
RT: 16.65 min Scan# 3584

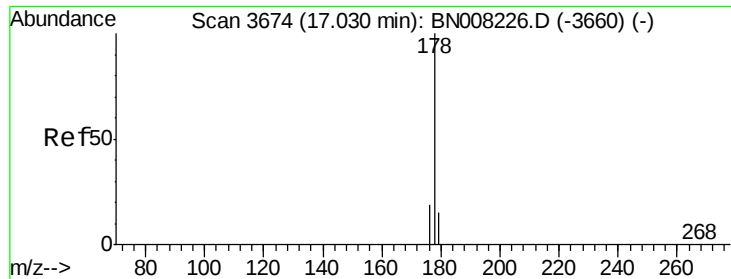
Delta R.T. -0.01 min

Lab File: BN008230.D

Acq: 17 Oct 2019 20:34

Tgt Ion:	266	Resp:	179
Ion Ratio	Lower	Upper	
266	100		
264	61.5	50.1	75.1
268	59.8	51.9	77.9





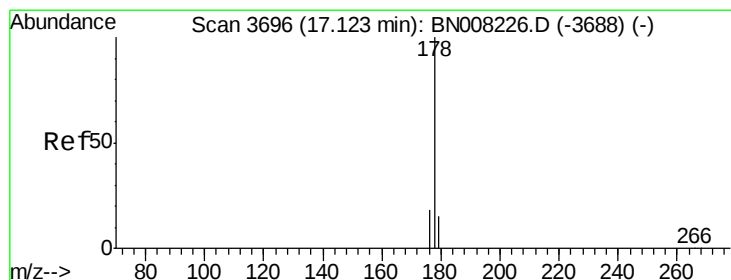
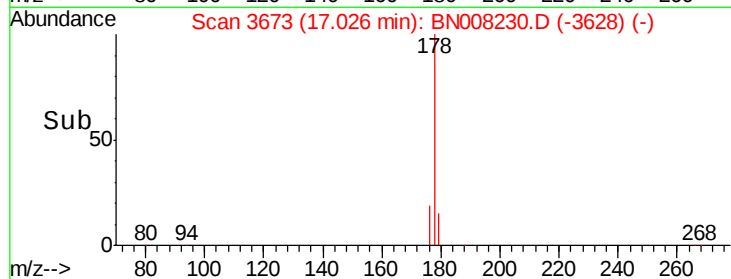
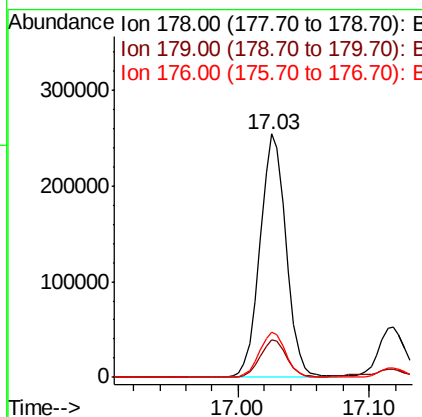
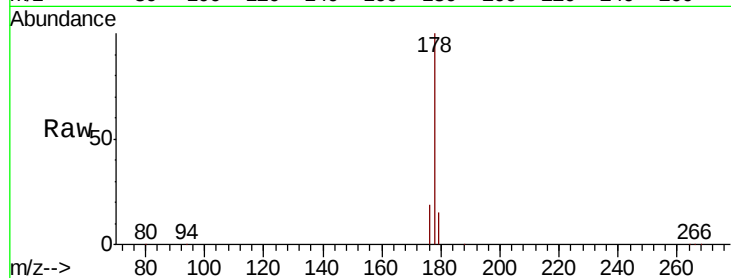
#12
Phenanthrene
Concen: 7.123 ng/ul
RT: 17.03 min Scan# 3673
Delta R.T. -0.01 min
Lab File: BN008230.D
Acq: 17 Oct 2019 20:34

Instrument :
BNA_N
ClientSampleId :
BEP94

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

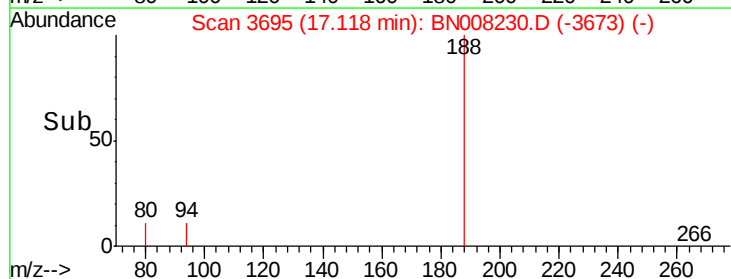
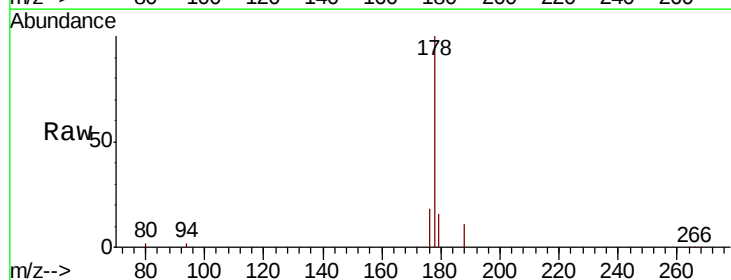
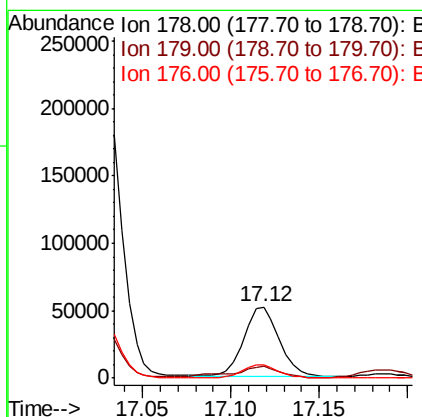
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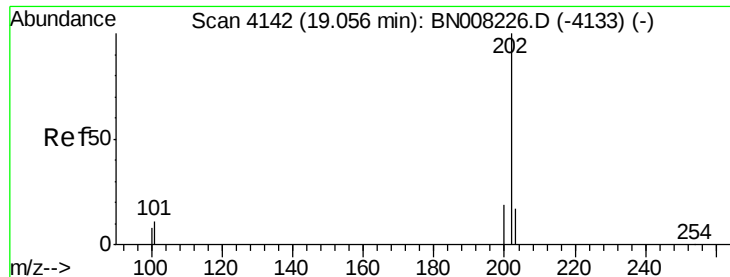
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#13
Anthracene
Concen: 1.656 ng/ul
RT: 17.12 min Scan# 3695
Delta R.T. -0.01 min
Lab File: BN008230.D
Acq: 17 Oct 2019 20:34

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.0	19.6
176	18.2	15.0	22.6





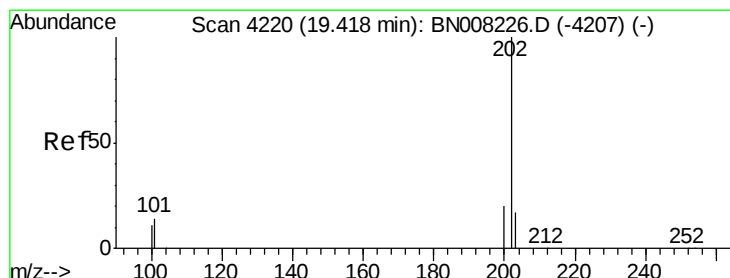
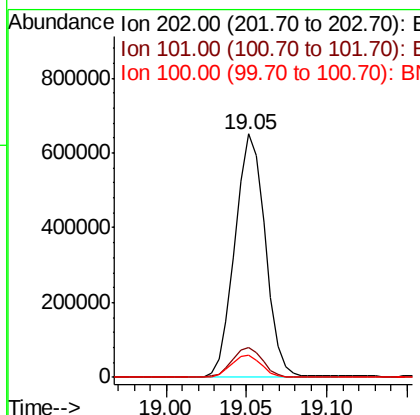
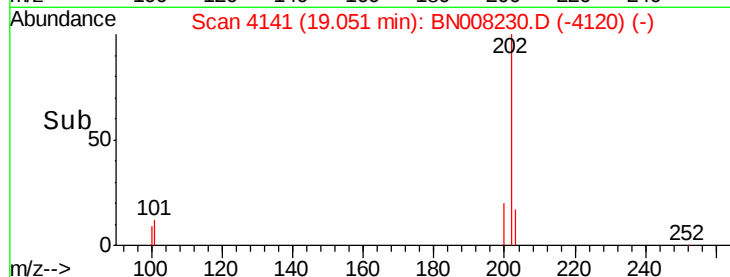
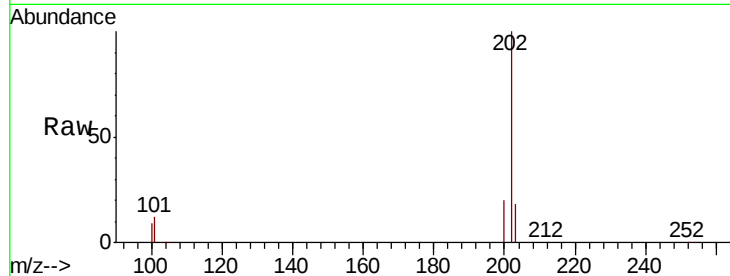
#15
Fluoranthene
Concen: 13.180 ng/ul
RT: 19.05 min Scan# 4141
Delta R.T. -0.00 min
Lab File: BN008230.D
Acq: 17 Oct 2019 20:34

Instrument :
BNA_N
ClientSampled :
BEP94

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

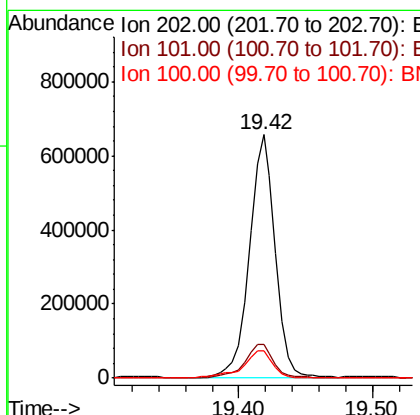
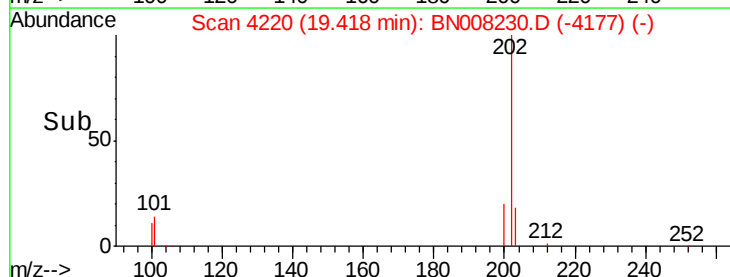
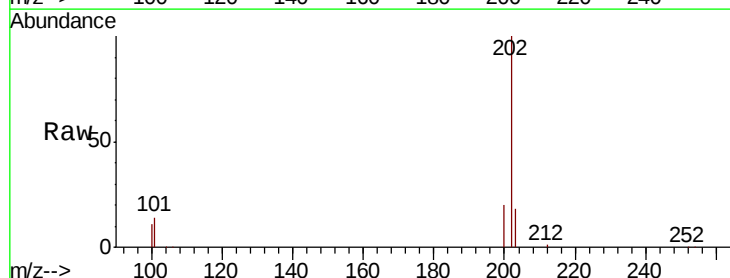
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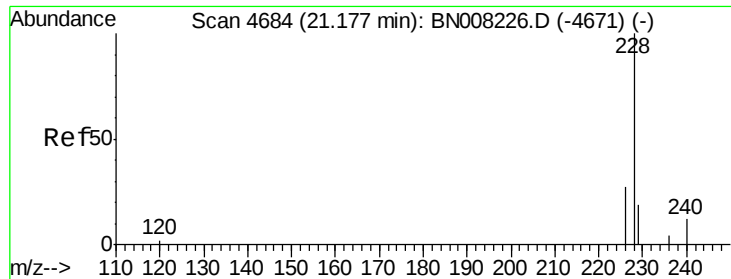
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#17
Pyrene
Concen: 16.716 ng/ul
RT: 19.42 min Scan# 4220
Delta R.T. 0.00 min
Lab File: BN008230.D
Acq: 17 Oct 2019 20:34

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.7	10.9	16.3
100	11.1	8.7	13.1





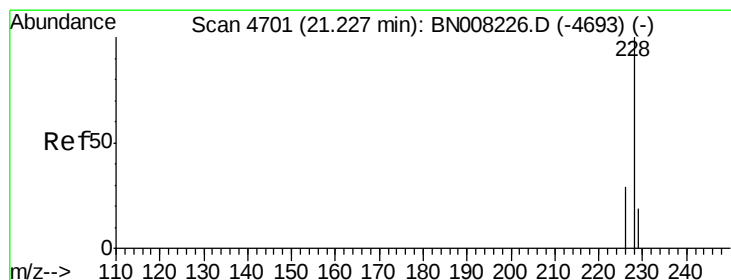
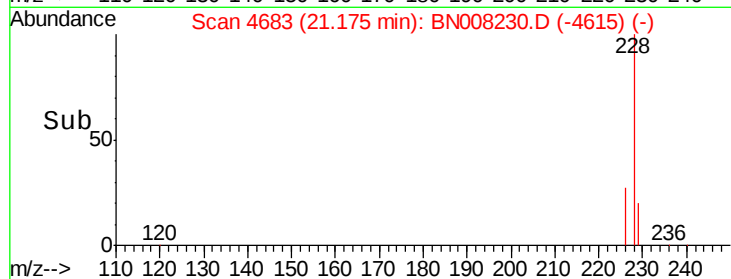
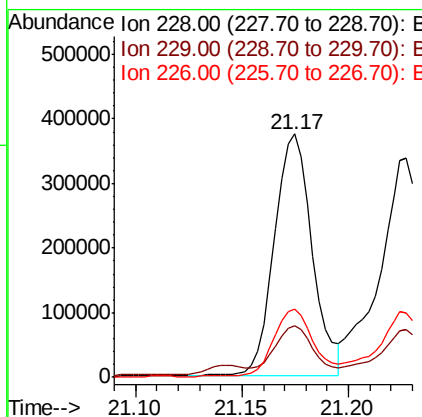
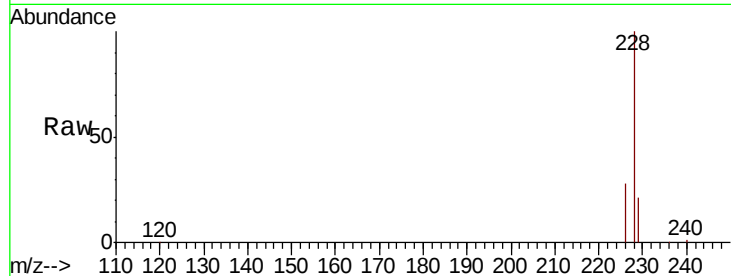
#18
Benzo(a)anthracene
Concen: 9.654 ng/ul
RT: 21.17 min Scan# 4683
Delta R.T. -0.00 min
Lab File: BN008230.D
Acq: 17 Oct 2019 20:34

Instrument :
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BEP94

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.2	24.2
226	27.8	21.4	32.0

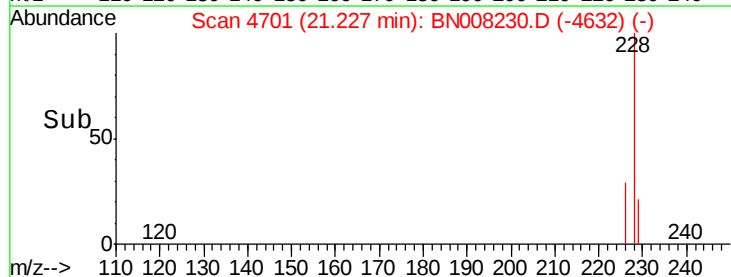
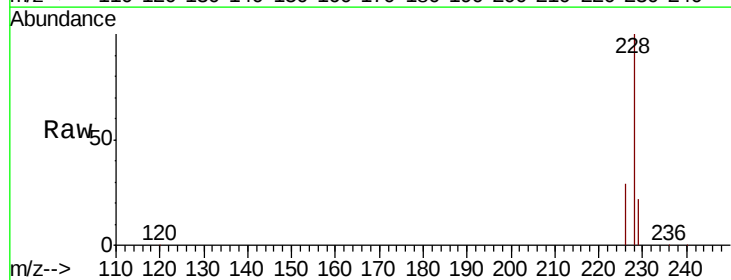
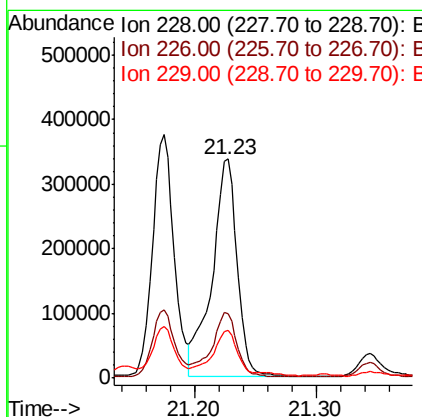
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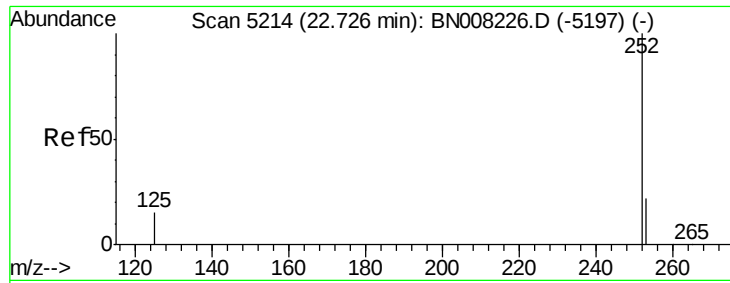
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#19
Chrysene
Concen: 8.213 ng/ul
RT: 21.23 min Scan# 4701
Delta R.T. 0.00 min
Lab File: BN008230.D
Acq: 17 Oct 2019 20:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.1	36.1
229	21.9	16.2	24.2





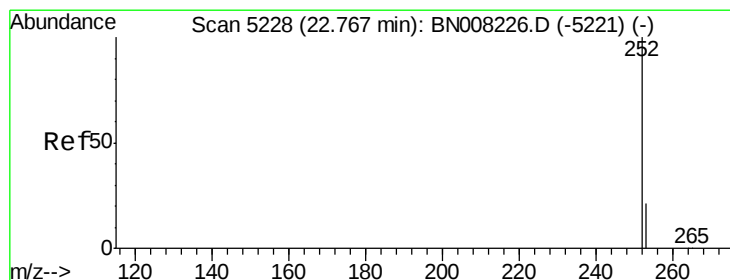
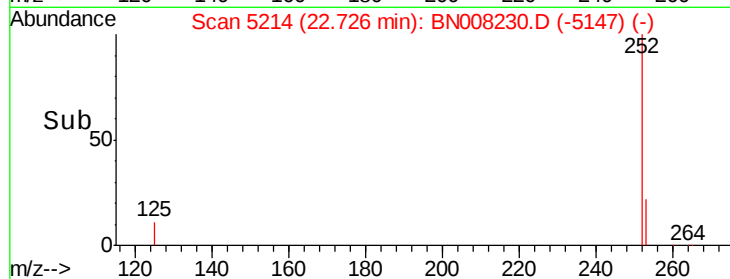
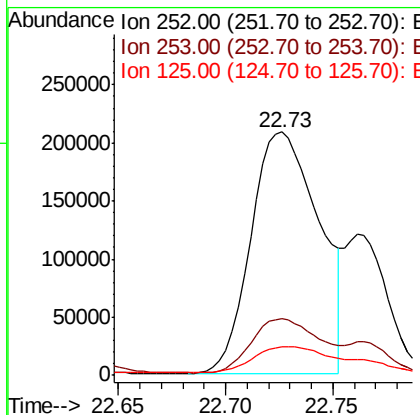
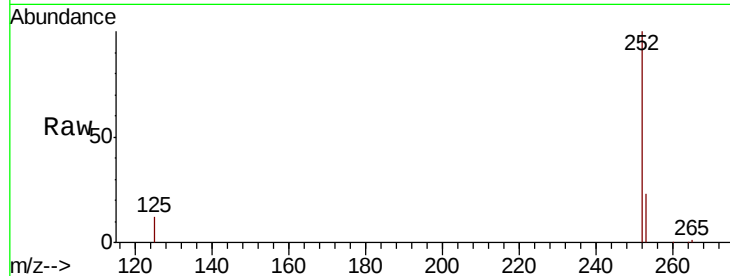
#21
Benzo(b)fluoranthene
Concen: 13.538 ng/ul m
RT: 22.73 min Scan# 5214
Delta R.T. -0.00 min
Lab File: BN008230.D
Acq: 17 Oct 2019 20:34

Instrument :
BNA_N
ClientSampled :
BEP94

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	53.4
125	11.6	0.0	32.4

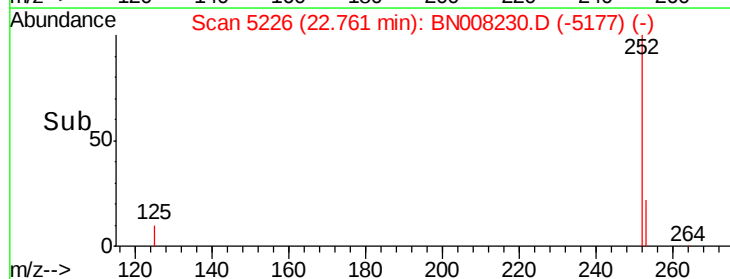
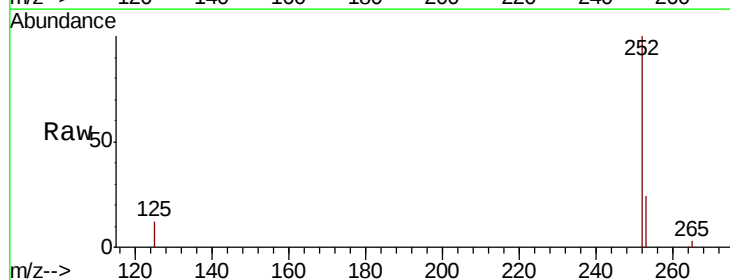
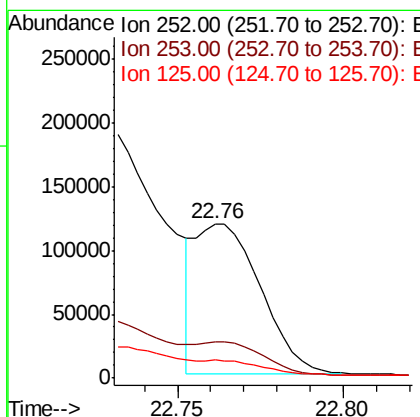
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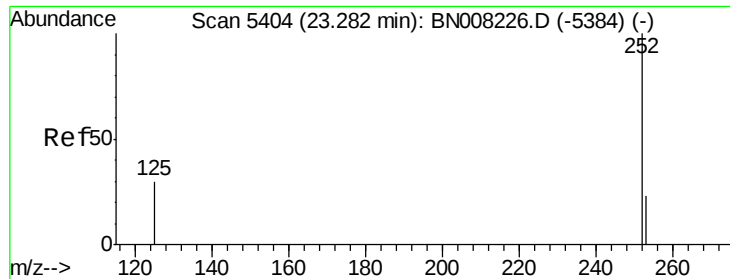
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#22
Benzo(k)fluoranthene
Concen: 4.174 ng/ul m
RT: 22.76 min Scan# 5226
Delta R.T. -0.01 min
Lab File: BN008230.D
Acq: 17 Oct 2019 20:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	21.3	31.9
125	11.7	12.3	18.5#





#23

Benzo(a)pyrene

Concen: 9.568 ng/ul

RT: 23.28 min Scan# 5402

Delta R.T. -0.01 min

Lab File: BN008230.D

Acq: 17 Oct 2019 20:34

Instrument :

BNA_N

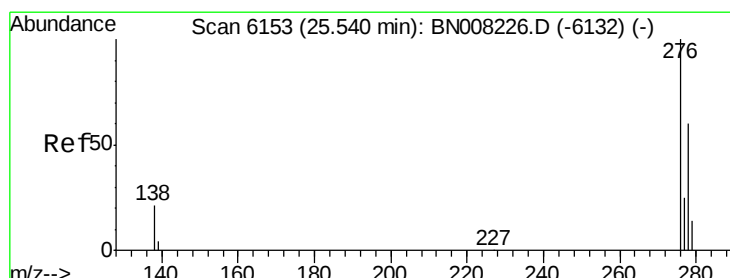
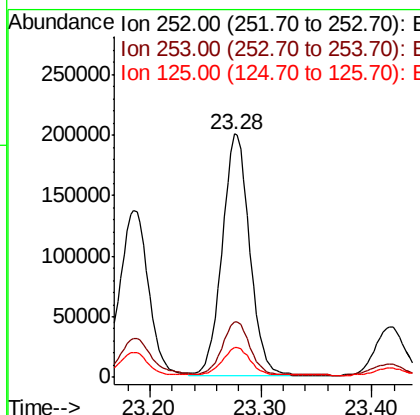
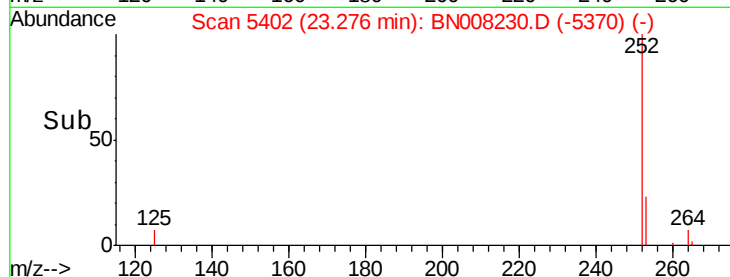
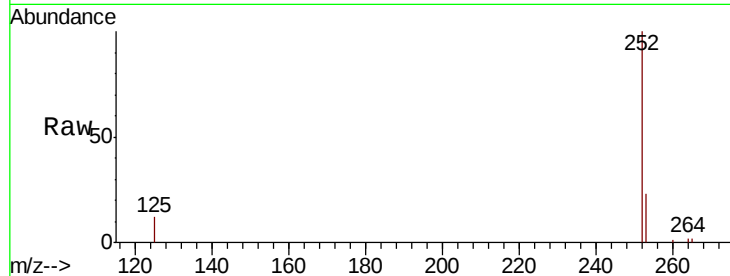
ClientSampled :

BEP94

Tot Ion:	252	Resp:	342864
Ion Ratio	Lower	Upper	
252	100		
253	22.9	22.8	34.2
125	12.2	18.4	27.6#

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

Concen: 4.818 ng/ul

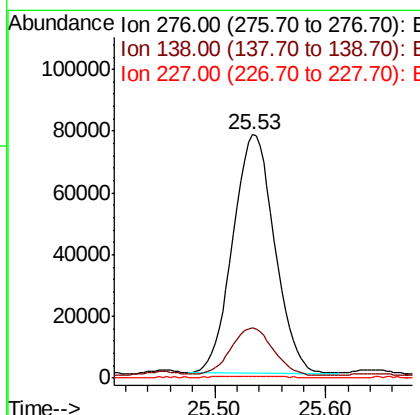
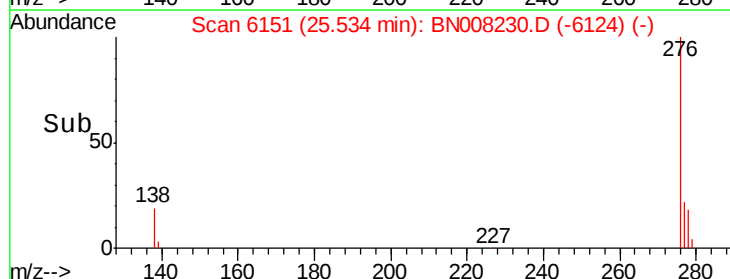
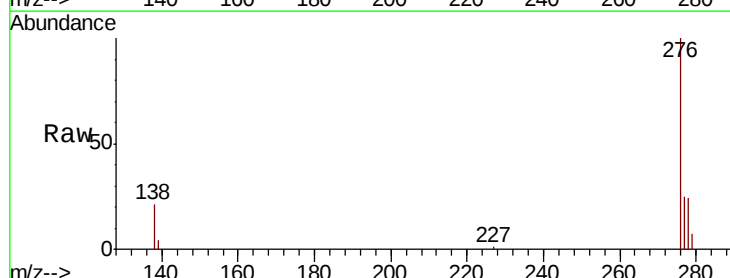
RT: 25.53 min Scan# 6151

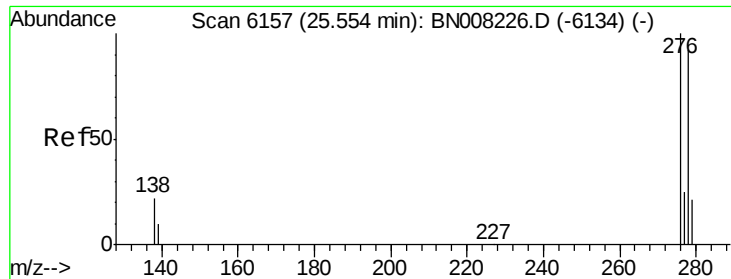
Delta R.T. -0.01 min

Lab File: BN008230.D

Acq: 17 Oct 2019 20:34

Tgt Ion:	276	Resp:	203362
Ion Ratio	Lower	Upper	
276	100		
138	20.2	16.1	24.1
227	0.2	0.2	0.2





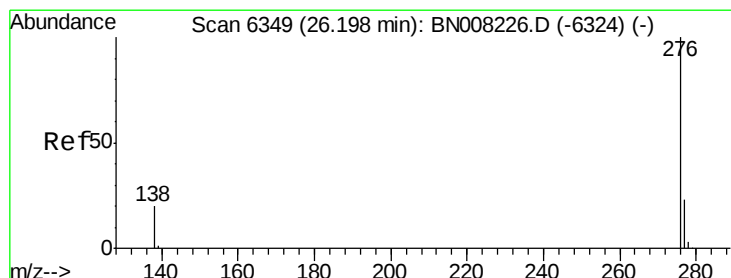
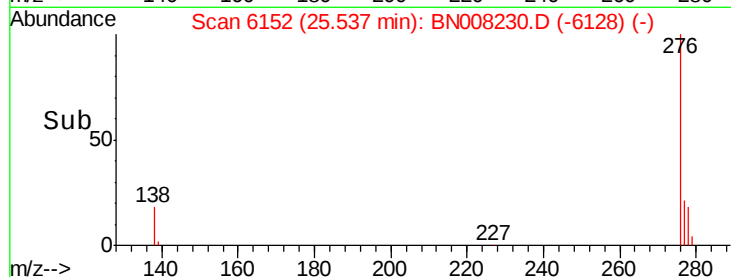
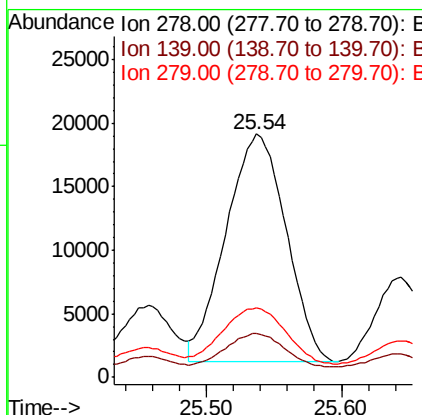
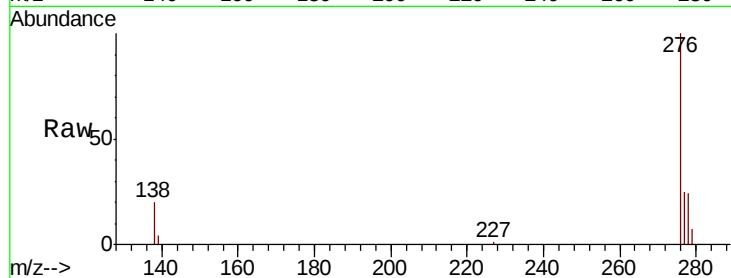
#25
Dibenzo(a,h)anthracene
Concen: 1.662 ng/ul
RT: 25.54 min Scan# 6152
Delta R.T. -0.02 min
Lab File: BN008230.D
Acq: 17 Oct 2019 20:34

Instrument :
BNA_N
ClientSampled :
BEP94

Tot Ion:278 Resp: 55454
Ion Ratio Lower Upper
278 100
139 18.0 15.0 22.6
279 28.6 22.4 33.6

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 5.148 ng/ul
RT: 26.19 min Scan# 6348
Delta R.T. -0.01 min
Lab File: BN008230.D
Acq: 17 Oct 2019 20:34

Tgt Ion:276 Resp: 199245
Ion Ratio Lower Upper
276 100
138 20.7 17.0 25.4
277 24.3 20.4 30.6

