

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102419\
 Data File : BN008380.D
 Acq On : 24 Oct 2019 10:39
 Operator : JU
 Sample : K5235-14
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPB4

Manual Integrations
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mohammad
 10/25/2019 8:05:16 AM

Quant Time: Oct 24 14:08:06 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 24 13:52:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2165	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.33	136	10118	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	6253	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	14499	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	12608	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	10857	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	3248	0.19	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	10201	0.20	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.38	128	9147	0.318	ng/ul	99
5) 2-Methylnaphthalene	12.01	142	5126	0.259	ng/ul	99
7) Acenaphthylene	13.93	152	26227	0.881	ng/ul	99
8) Acenaphthene	14.27	153	11912	0.514	ng/ul	97
9) Fluorene	15.26	166	16789	0.638	ng/ul	97
11) Pentachlorophenol	16.62	266	119	0.034	ng/ul	93
12) Phenanthrene	17.00	178	363229	8.557	ng/ul	99
13) Anthracene	17.09	178	77672	2.079	ng/ul	99
15) Fluoranthene	19.03	202	987797	17.619	ng/ul	98
17) Pyrene	19.39	202	1078156	21.477	ng/ul	99
18) Benzo(a)anthracene	21.15	228	622607	13.583	ng/ul	98
19) Chrysene	21.20	228	663503	11.795	ng/ul	98
21) Benzo(b)fluoranthene	22.70	252	658860m	18.642	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	236689m	5.912	ng/ul	
23) Benzo(a)pyrene	23.25	252	495946	13.335	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.49	276	266714	6.089	ng/ul	98
25) Dibenzo(a,h)anthracene	25.49	278	76419	2.207	ng/ul	99
26) Benzo(g,h,i)perylene	26.14	276	273192	6.801	ng/ul	98

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

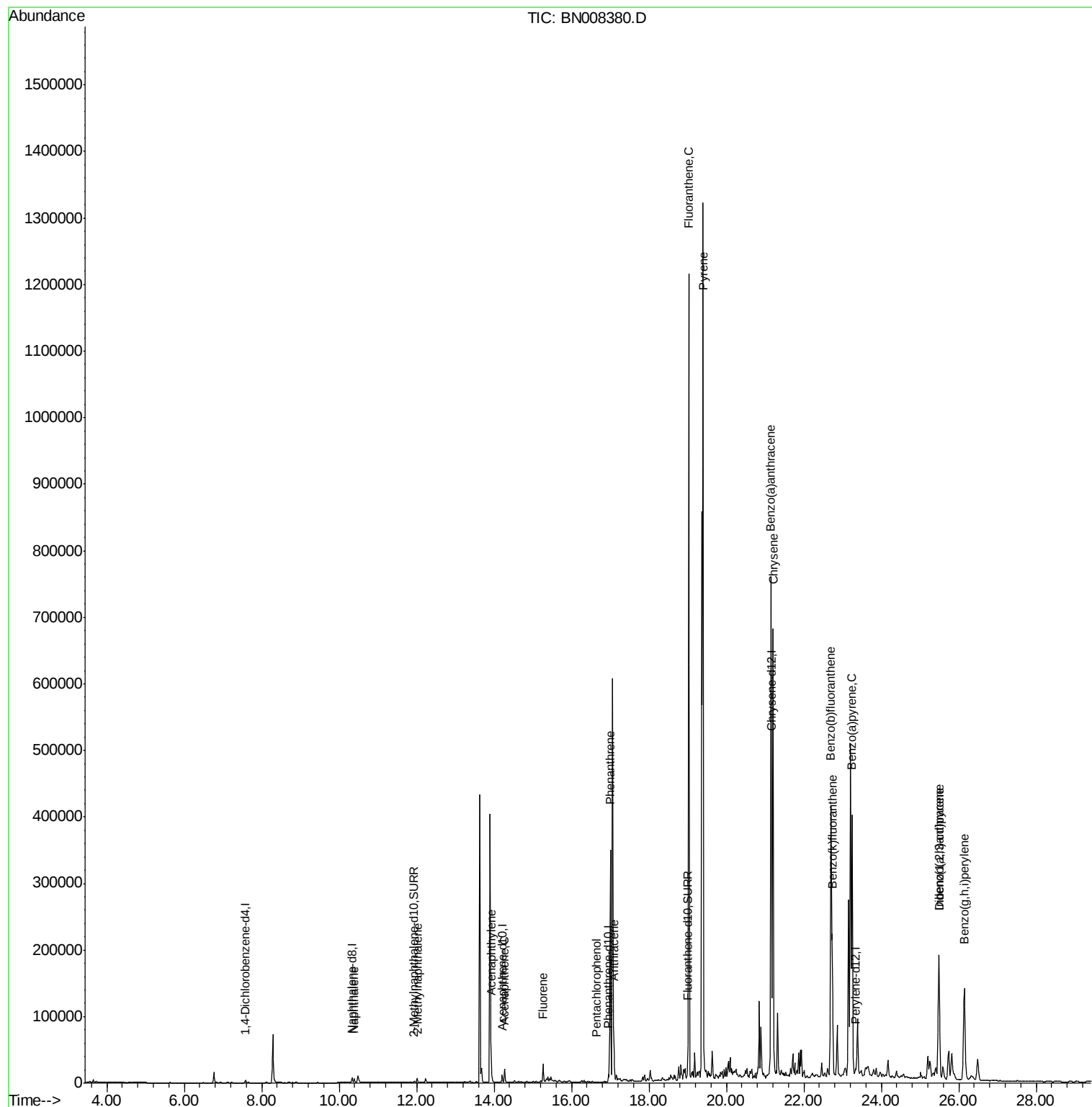
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102419\
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ALS Vial : 4 Sample Multiplier: 1

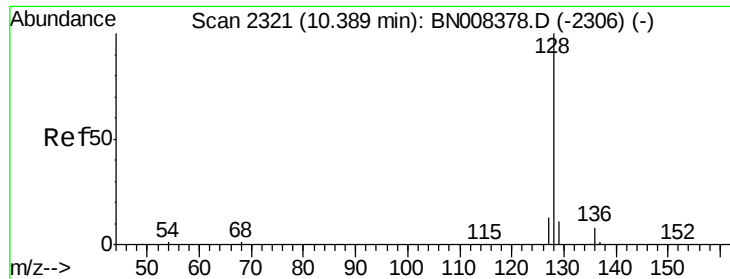
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Thu Oct 24 13:52:48 2019
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#3

Naphthalene

Concen: 0.318 ng/ul

RT: 10.38 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BN008380.D

Acq: 24 Oct 2019 10:39

Instrument :

BNA_N

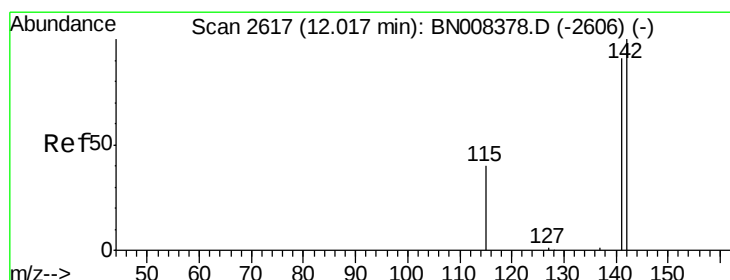
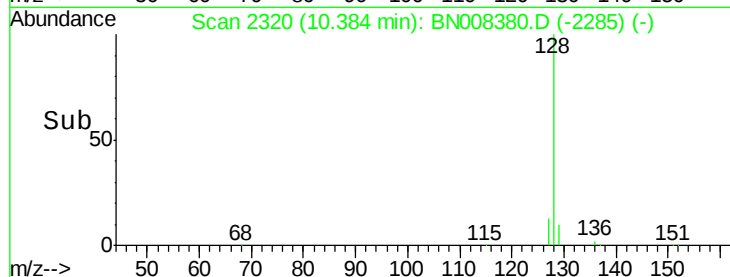
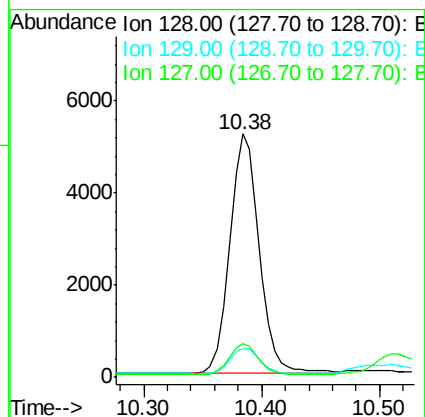
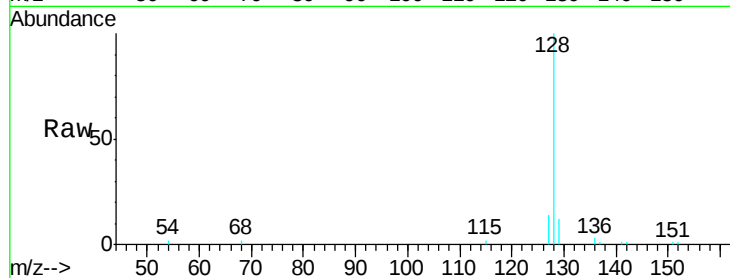
ClientSampleId :

BEPB4

Tgt Ion:	128	Resp:	9147
Ion Ratio	Lower	Upper	
128	100		
129	11.9	9.8	14.8
127	13.8	11.1	16.7

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#5

2-Methylnaphthalene

Concen: 0.259 ng/ul

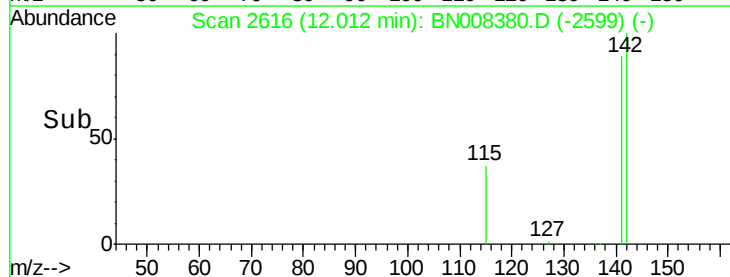
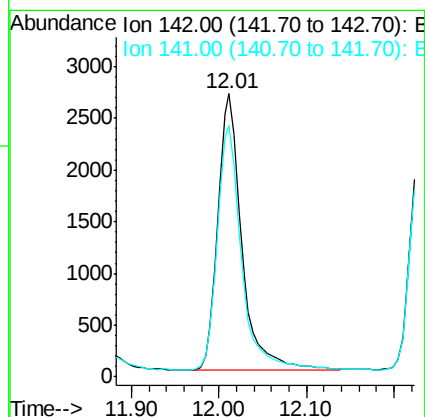
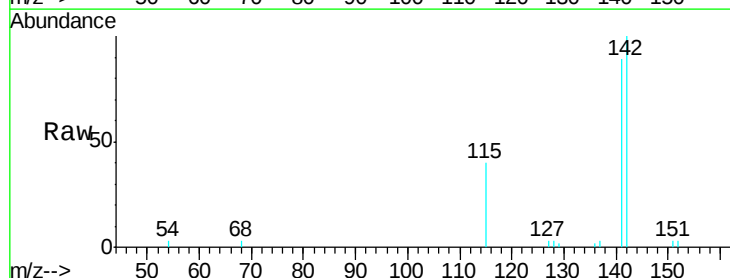
RT: 12.01 min Scan# 2616

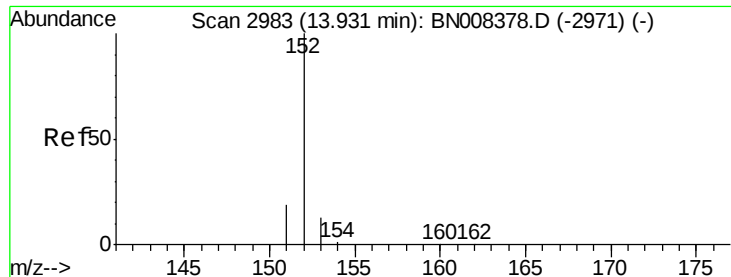
Delta R.T. -0.01 min

Lab File: BN008380.D

Acq: 24 Oct 2019 10:39

Tgt Ion:	142	Resp:	5126
Ion Ratio	Lower	Upper	
142	100		
141	88.4	71.4	107.2





#7

Acenaphthylene

Concen: 0.881 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. -0.00 min

Lab File: BN008380.D

Acq: 24 Oct 2019 10:39

Instrument :

BNA_N

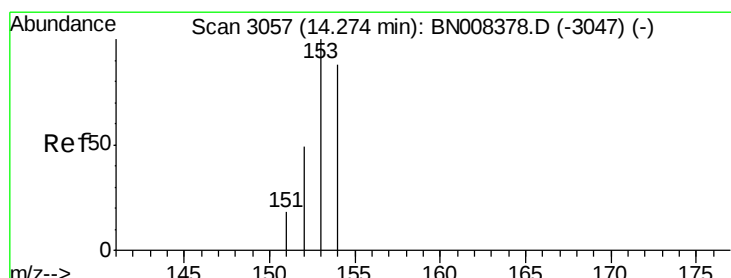
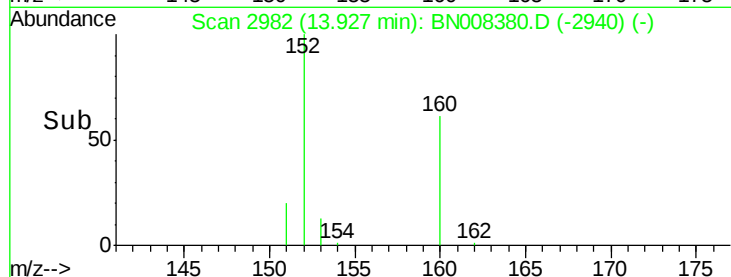
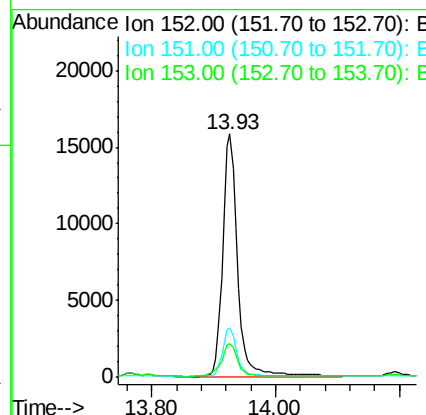
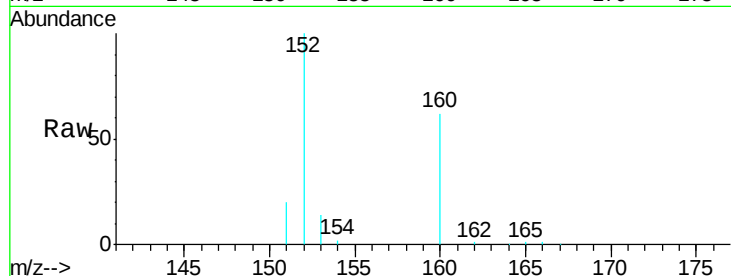
ClientSampleId :

BEPB4

Tgt Ion:	152	Resp:	26227
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.2	24.4
153	13.9	11.0	16.4

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#8

Acenaphthene

Concen: 0.514 ng/ul

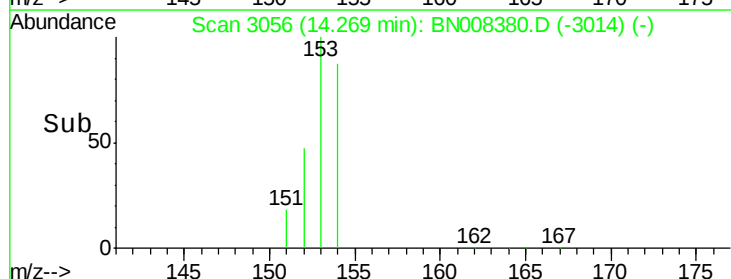
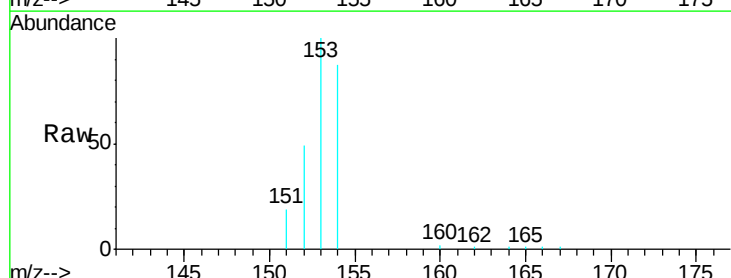
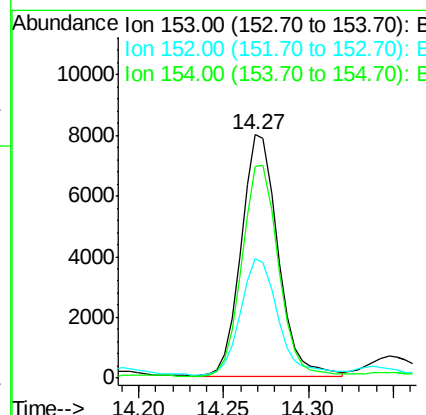
RT: 14.27 min Scan# 3056

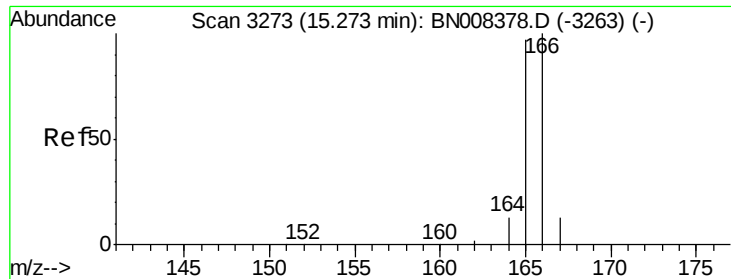
Delta R.T. -0.00 min

Lab File: BN008380.D

Acq: 24 Oct 2019 10:39

Tgt Ion:	153	Resp:	11912
Ion Ratio	Lower	Upper	
153	100		
152	48.8	38.2	57.2
154	87.0	71.8	107.8





#9

Fluorene

Concen: 0.638 ng/ul

RT: 15.26 min Scan# 3271

Delta R.T. -0.01 min

Lab File: BN008380.D

Acq: 24 Oct 2019 10:39

Instrument :

BNA_N

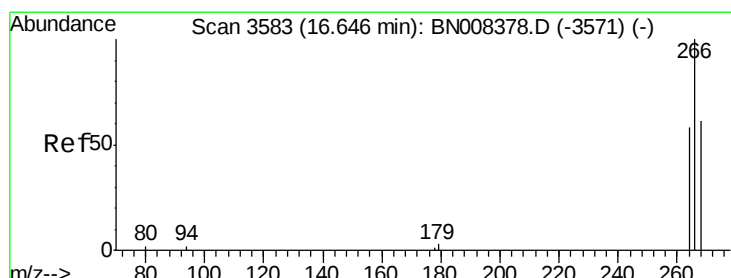
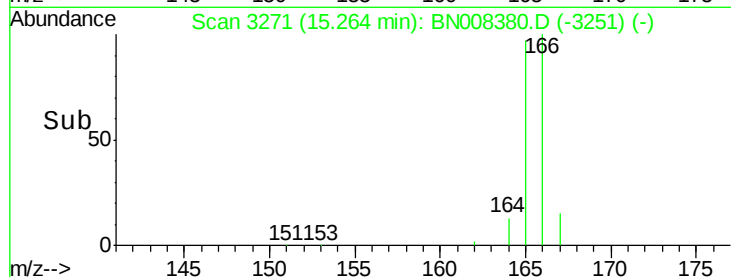
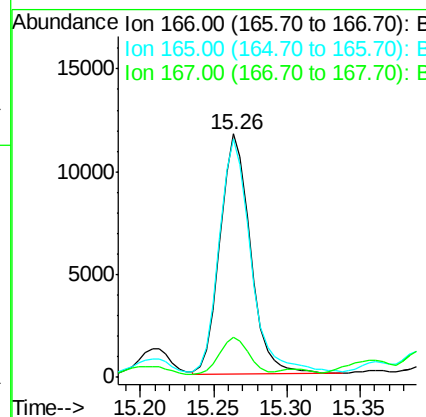
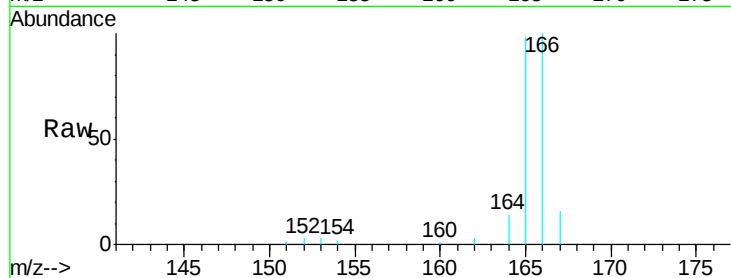
ClientSampleId :

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Tgt Ion:	166	Resp:	16789
Ion Ratio	Lower	Upper	
166	100		
165	98.2	76.6	115.0
167	16.4	11.7	17.5

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#11

Pentachlorophenol

Concen: 0.034 ng/ul

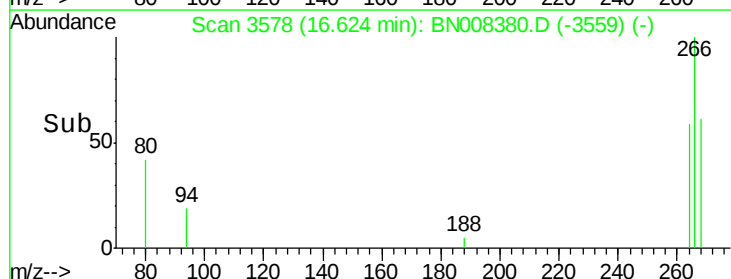
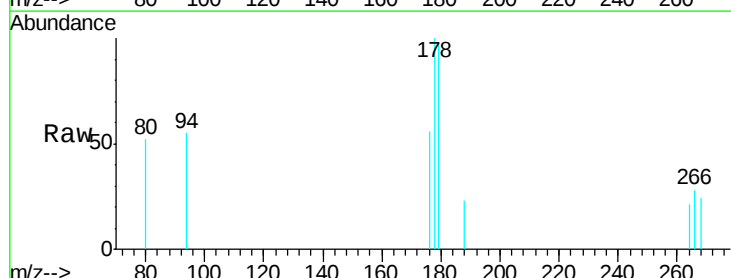
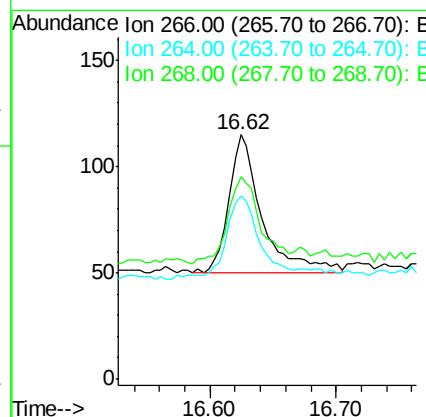
RT: 16.62 min Scan# 3578

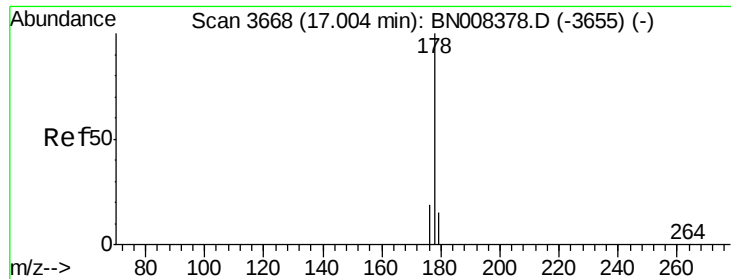
Delta R.T. -0.02 min

Lab File: BN008380.D

Acq: 24 Oct 2019 10:39

Tgt Ion:	266	Resp:	119
Ion Ratio	Lower	Upper	
266	100		
264	73.1	50.1	75.1
268	64.7	51.9	77.9





#12

Phenanthrene

Concen: 8.557 ng/ul

RT: 17.00 min Scan# 3667

Delta R.T. -0.00 min

Lab File: BN008380.D

Acq: 24 Oct 2019 10:39

Instrument :

BNA_N

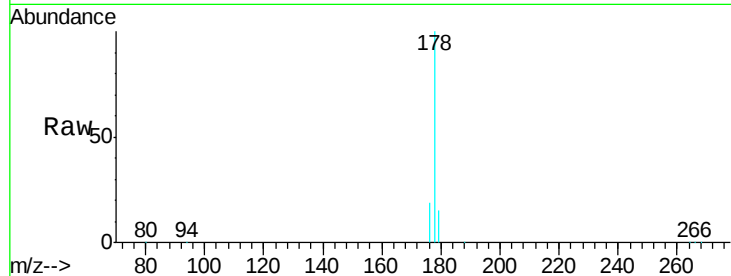
ClientSampleId :

BEPB4

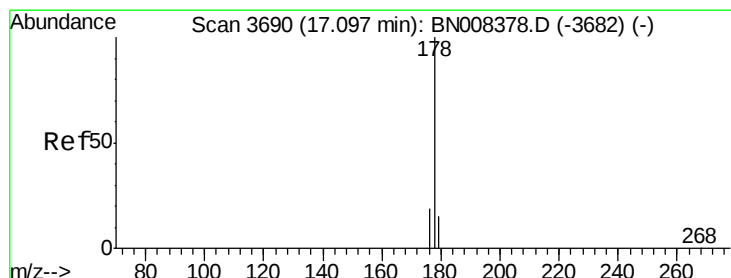
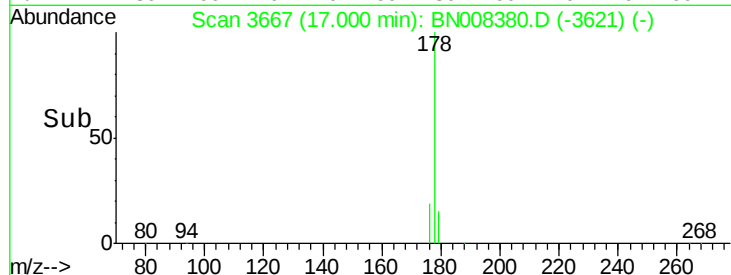
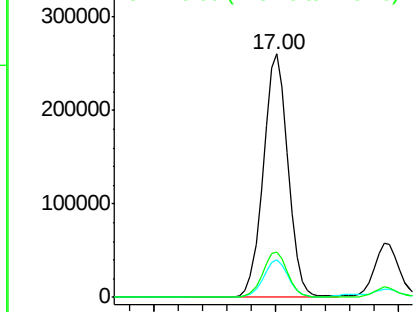
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	18.8	15.4	23.2

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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: 2.079 ng/ul

RT: 17.09 min Scan# 3688

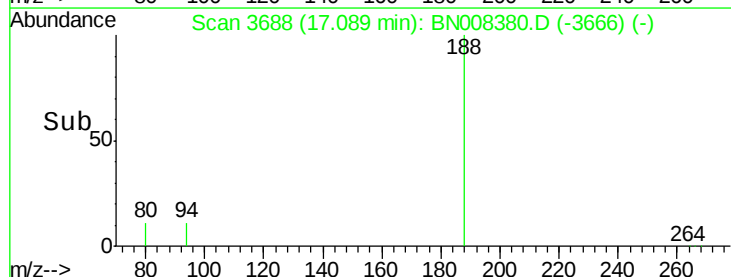
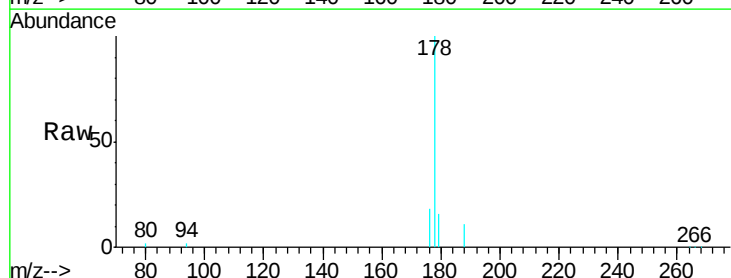
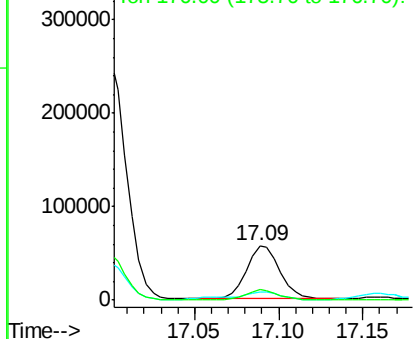
Delta R.T. -0.01 min

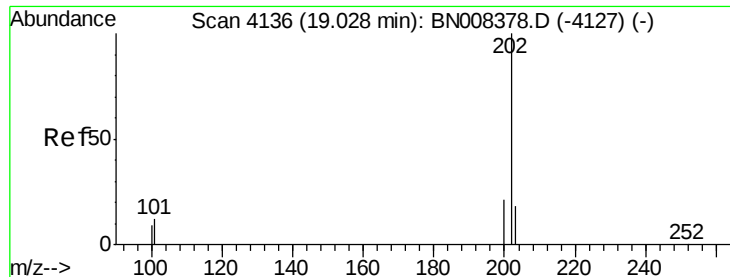
Lab File: BN008380.D

Acq: 24 Oct 2019 10:39

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.0	19.6
176	18.5	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





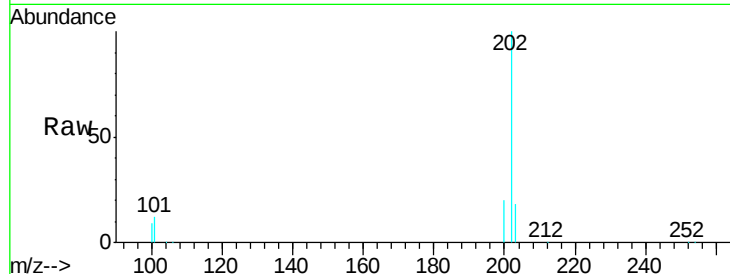
#15
Fluoranthene
Concen: 17.619 ng/ul
RT: 19.03 min Scan# 4136
Delta R.T. -0.00 min
Lab File: BN008380.D
Acq: 24 Oct 2019 10:39

Instrument :
BNA_N
ClientSampleId :
BEPB4

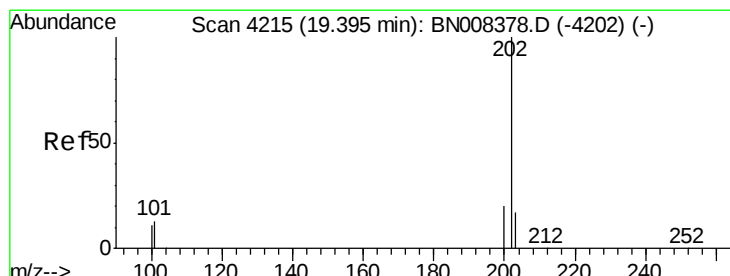
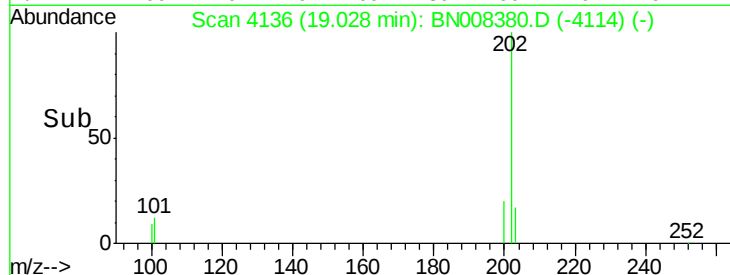
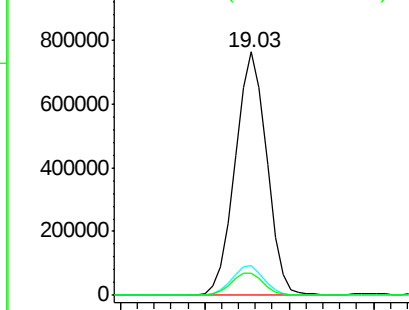
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.2	0.0	31.2
100	9.2	0.0	28.5

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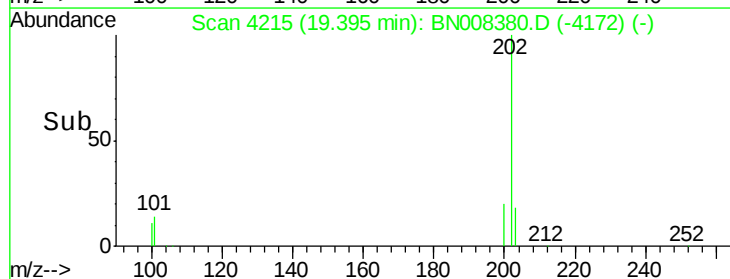
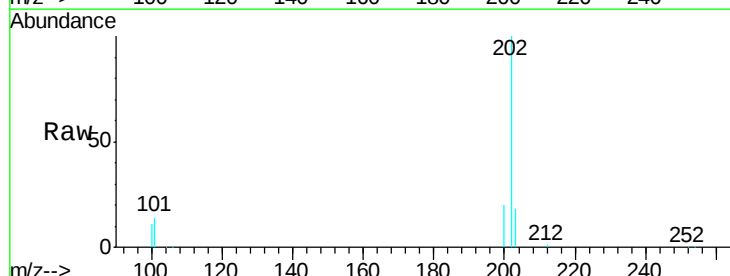
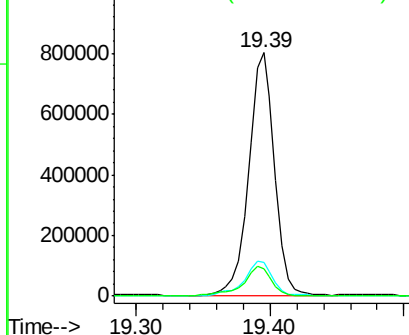
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

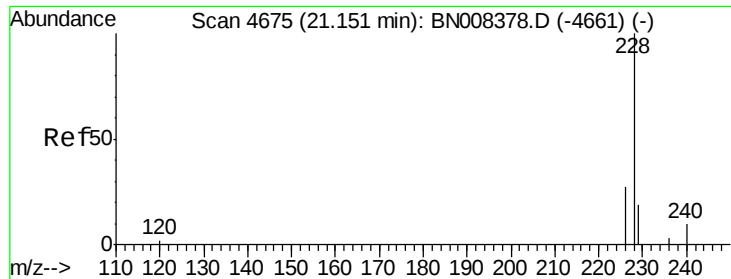


#17
Pyrene
Concen: 21.477 ng/ul
RT: 19.39 min Scan# 4215
Delta R.T. -0.00 min
Lab File: BN008380.D
Acq: 24 Oct 2019 10:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.1	10.9	16.3
100	11.4	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





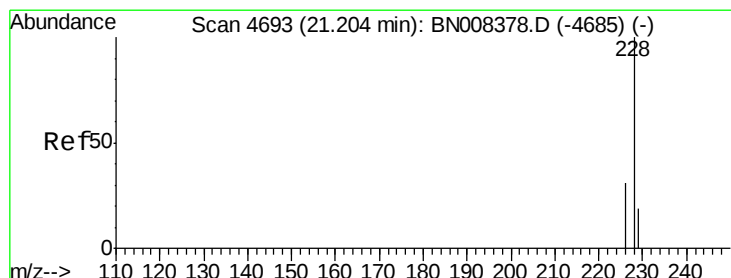
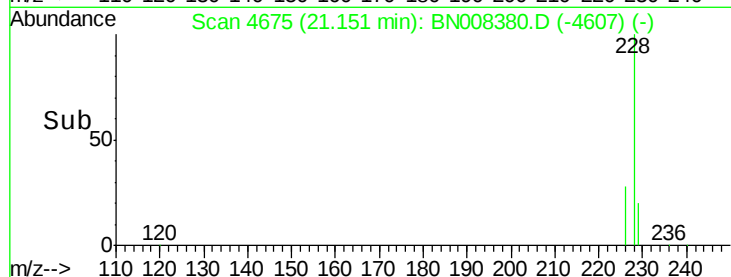
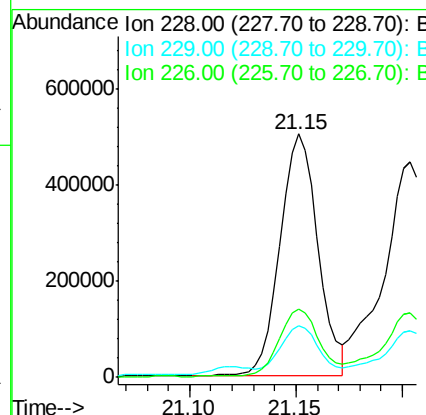
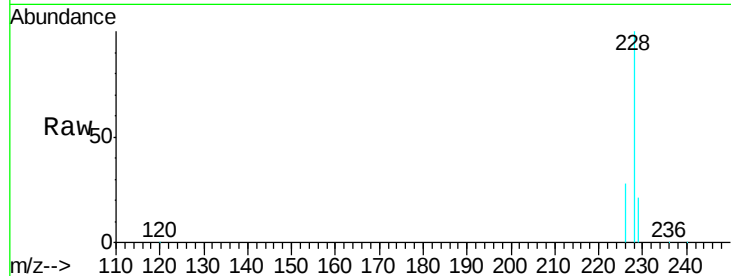
#18
Benzo(a)anthracene
Concen: 13.583 ng/ul
RT: 21.15 min Scan# 4675
Delta R.T. -0.00 min
Lab File: BN008380.D
Acq: 24 Oct 2019 10:39

Instrument :
BNA_N
ClientSampleId :
BEPB4

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.2	24.2
226	28.2	21.4	32.0

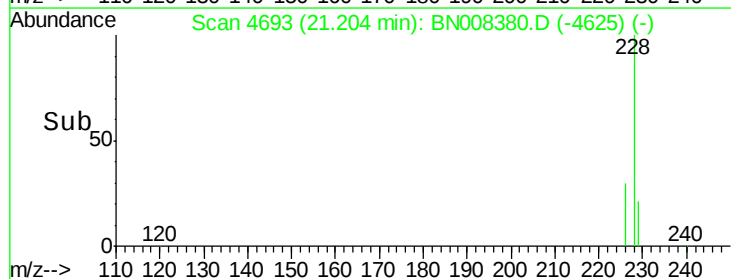
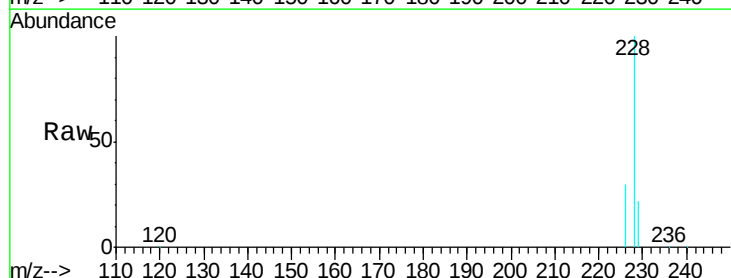
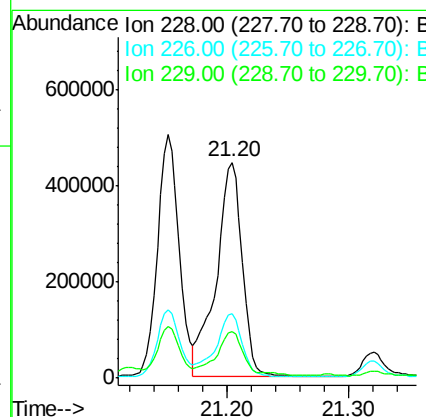
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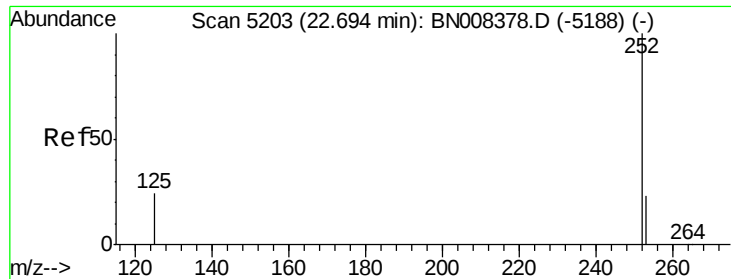
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#19
Chrysene
Concen: 11.795 ng/ul
RT: 21.20 min Scan# 4693
Delta R.T. -0.00 min
Lab File: BN008380.D
Acq: 24 Oct 2019 10:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	21.8	16.2	24.2





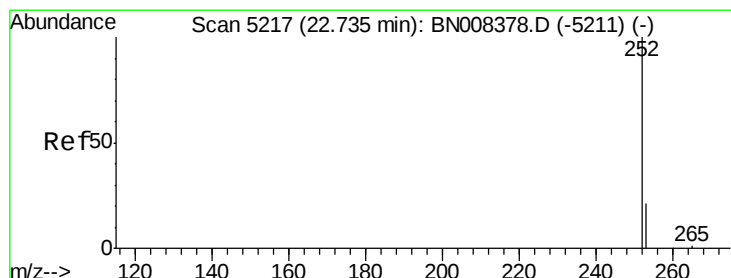
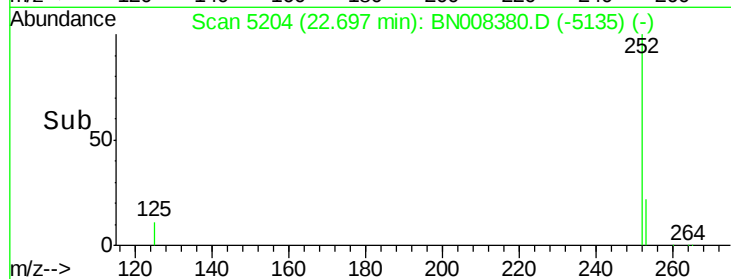
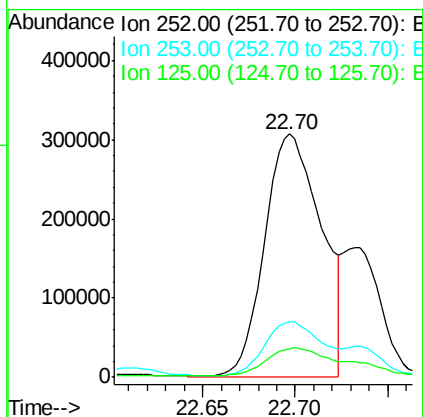
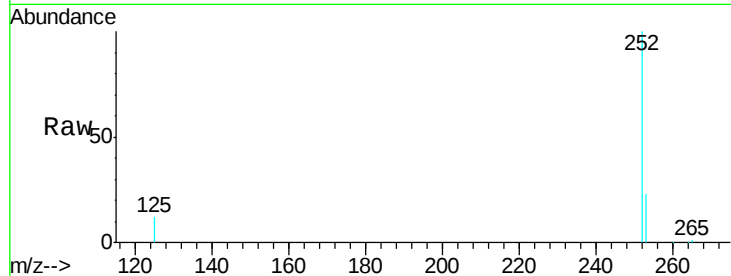
#21
Benzo(b)fluoranthene
Concen: 18.642 ng/ul m
RT: 22.70 min Scan# 5204
Delta R.T. 0.00 min
Lab File: BN008380.D
Acq: 24 Oct 2019 10:39

Instrument :
BNA_N
ClientSampleId :
BEPB4

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.8	0.0	53.4
125	11.8	0.0	32.4

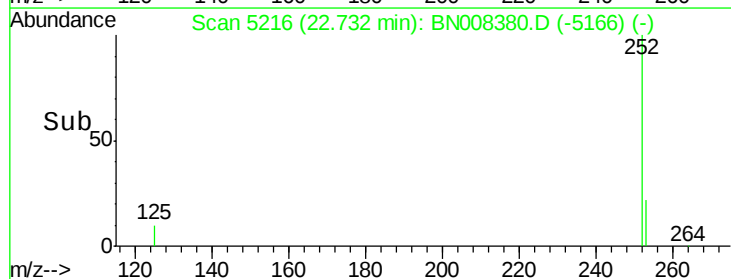
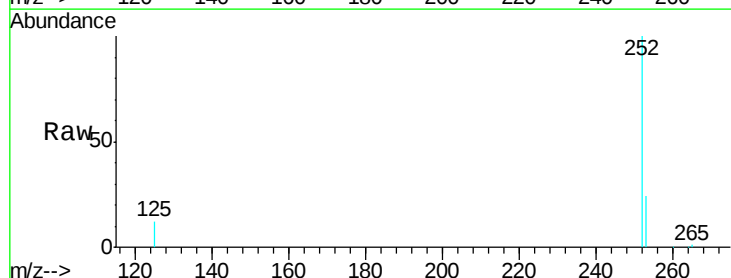
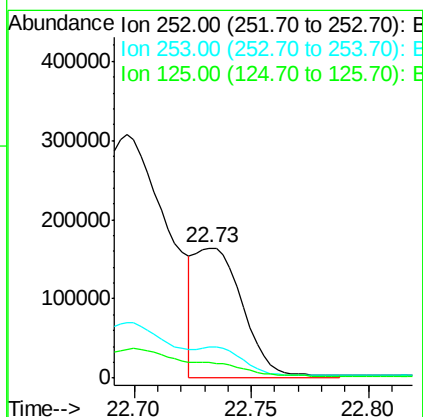
Manual Integrations
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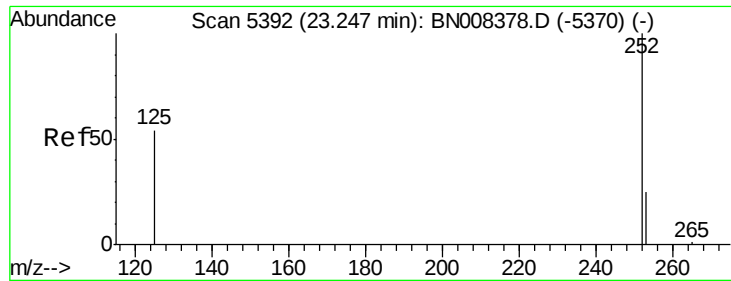
mohammad
10/25/2019 8:05:16 AM



#22
Benzo(k)fluoranthene
Concen: 5.912 ng/ul m
RT: 22.73 min Scan# 5216
Delta R.T. -0.00 min
Lab File: BN008380.D
Acq: 24 Oct 2019 10:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.5	21.3	31.9
125	11.7	12.3	18.5#





#23

Benzo(a)pyrene

Concen: 13.335 ng/u1

RT: 23.25 min Scan# 5392

Delta R.T. -0.00 min

Lab File: BN008380.D

Acq: 24 Oct 2019 10:39

Instrument :

BNA_N

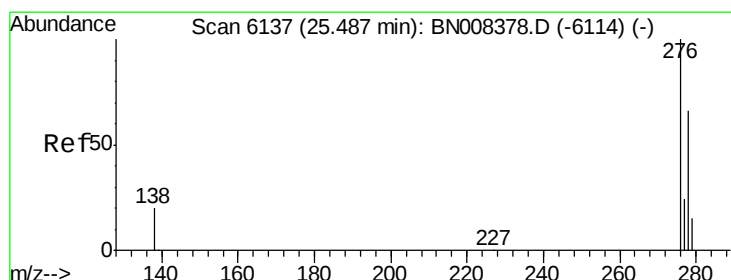
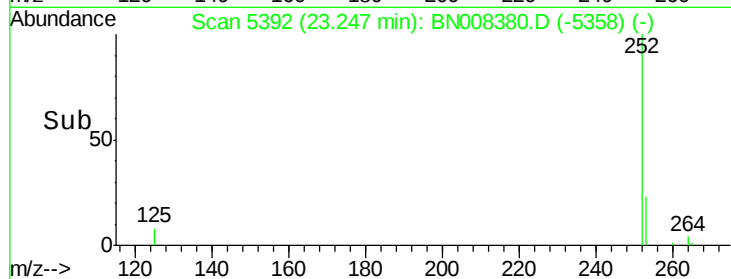
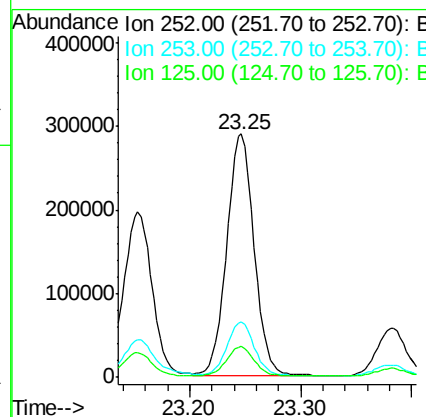
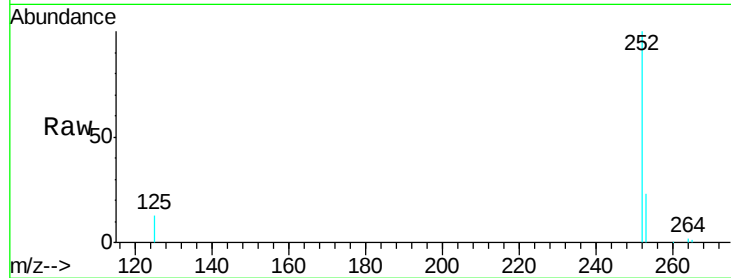
ClientSampled :

BEPB4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	22.8	34.2#
125	12.6	18.4	27.6#

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

Concen: 6.089 ng/u1

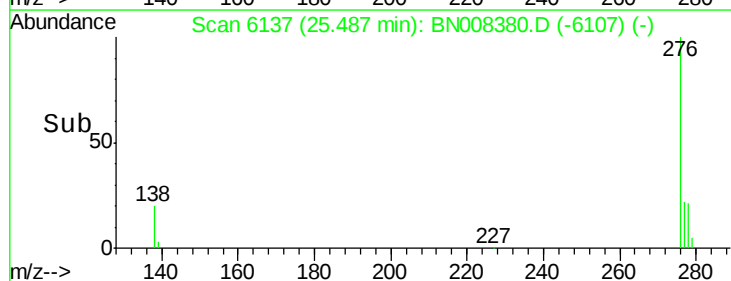
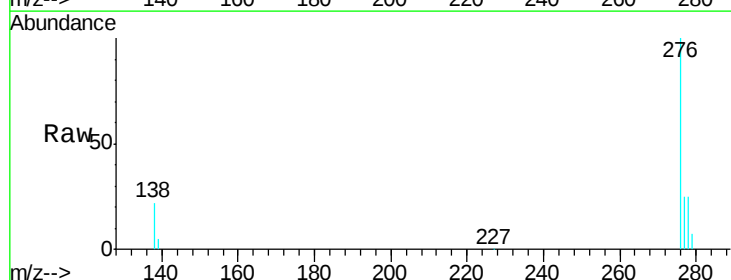
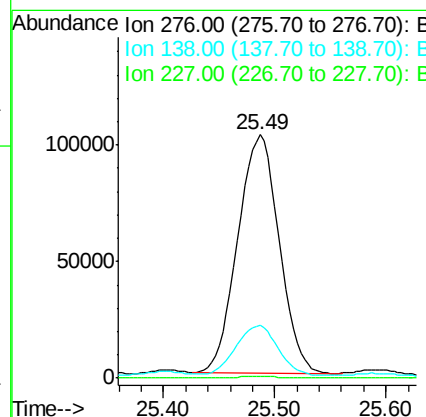
RT: 25.49 min Scan# 6137

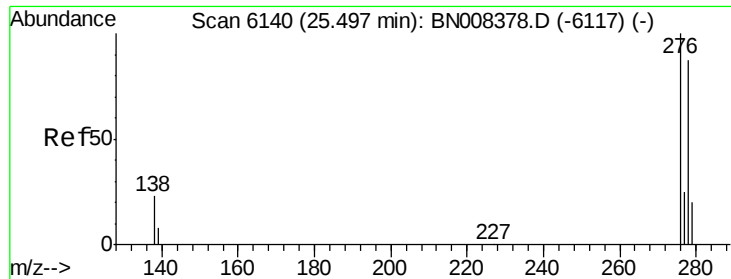
Delta R.T. -0.00 min

Lab File: BN008380.D

Acq: 24 Oct 2019 10:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.2	16.1	24.1
227	0.2	0.2	0.2





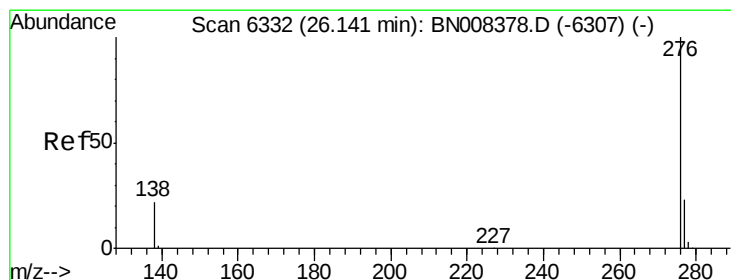
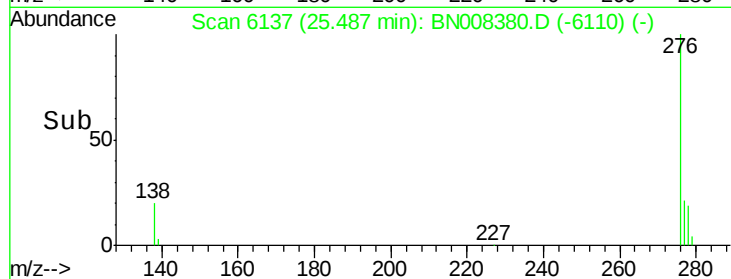
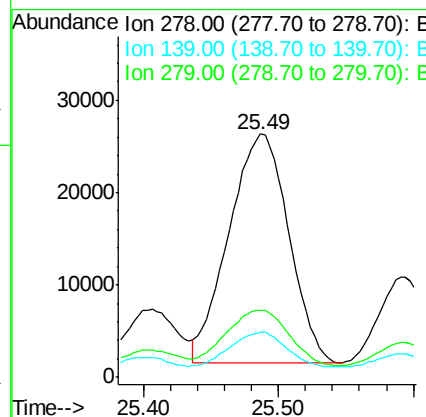
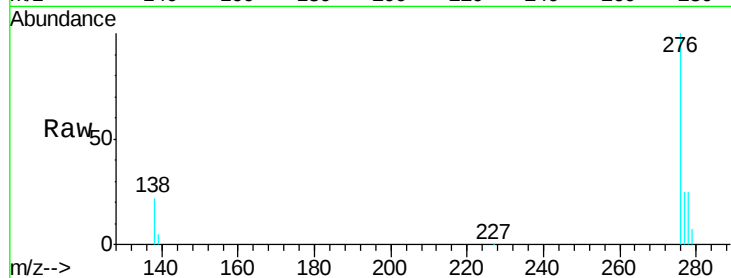
#25
Dibenzo(a,h)anthracene
Concen: 2.207 ng/ul
RT: 25.49 min Scan# 6137
Delta R.T. -0.01 min
Lab File: BN008380.D
Acq: 24 Oct 2019 10:39

Instrument :
BNA_N
ClientSampleId :
BEPB4

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.7	15.0	22.6
279	27.6	22.4	33.6

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 6.801 ng/ul
RT: 26.14 min Scan# 6332
Delta R.T. -0.00 min
Lab File: BN008380.D
Acq: 24 Oct 2019 10:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.8	17.0	25.4
277	24.3	20.4	30.6

