

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008113.D
 Acq On : 12 Oct 2019 15:21
 Operator : JU
 Sample : K5178-04
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPE7

Manual Integrations
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mohammad
 10/15/2019 7:58:48 AM

Quant Time: Oct 13 03:39:05 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 : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2555	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	12395	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	8194	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	18808m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	19853m	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	18742	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3944	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	13737m	0.21	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	2131	0.060	ng/ul#	90
5) 2-Methylnaphthalene	12.07	142	1122	0.046	ng/ul	98
7) Acenaphthylene	13.98	152	7521	0.193	ng/ul	98
8) Acenaphthene	14.32	153	1828	0.060	ng/ul	97
9) Fluorene	15.31	166	2286	0.066	ng/ul#	95
12) Phenanthrene	17.05	178	54115m	0.983	ng/ul	
13) Anthracene	17.14	178	11992m	0.247	ng/ul	
15) Fluoranthene	19.07	202	160690m	2.209	ng/ul	
17) Pyrene	19.44	202	153816	1.946	ng/ul	99
18) Benzo(a)anthracene	21.19	228	93120	1.290	ng/ul	97
19) Chrysene	21.24	228	103255	1.166	ng/ul	98
21) Benzo(b)fluoranthene	22.75	252	117785m	1.931	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	37667m	0.545	ng/ul	
23) Benzo(a)pyrene	23.30	252	79594	1.240	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.57	276	49366	0.653	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.58	278	11162	0.187	ng/ul#	80
26) Benzo(a,h,i)perylene	26.24	276	48642	0.702	ng/ul	100

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

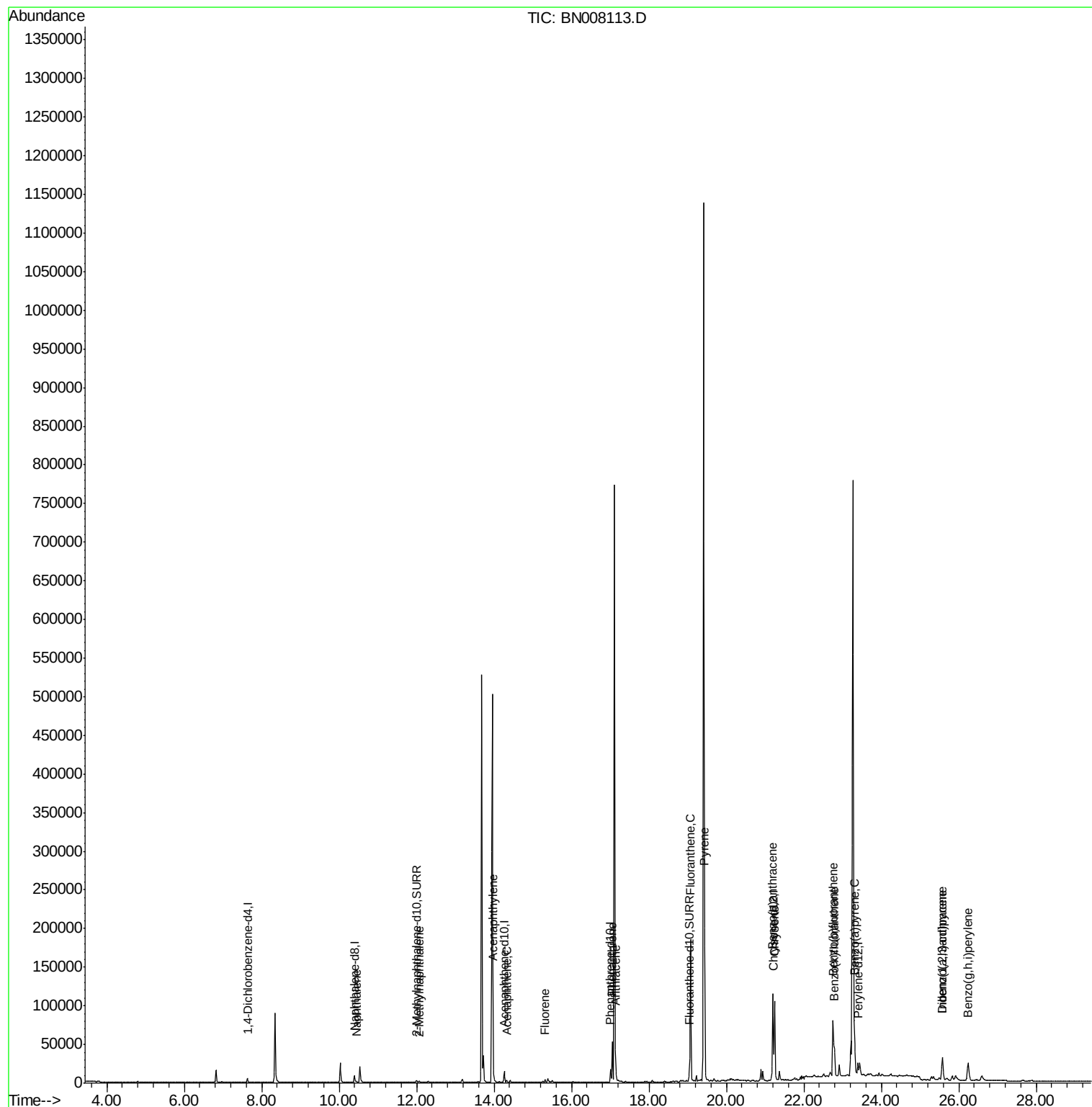
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
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ALS Vial : 46 Sample Multiplier: 1

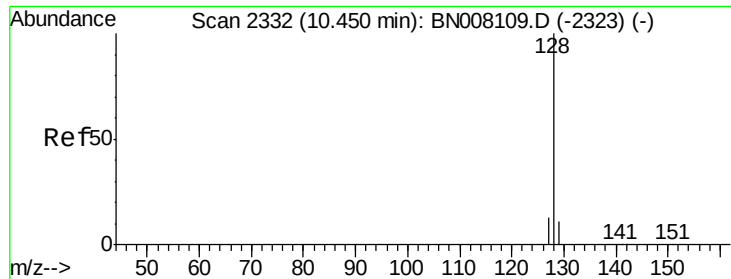
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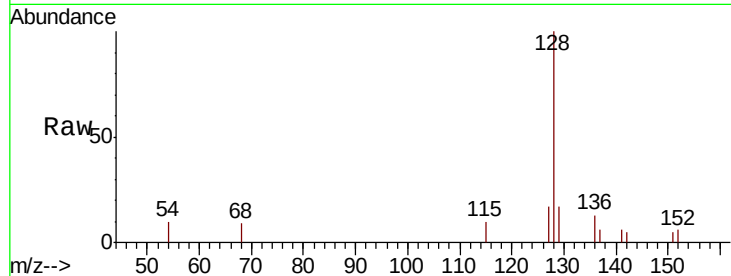
#3
Naphthalene
Concen: 0.060 ng/ul
RT: 10.44 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BN008113.D
Acq: 12 Oct 2019 15:21

Instrument :
BNA_N
ClientSampleId :
BEPE7

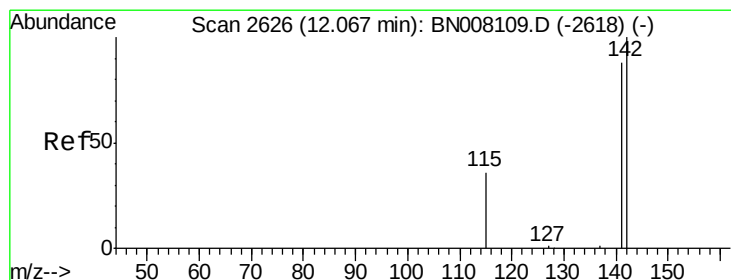
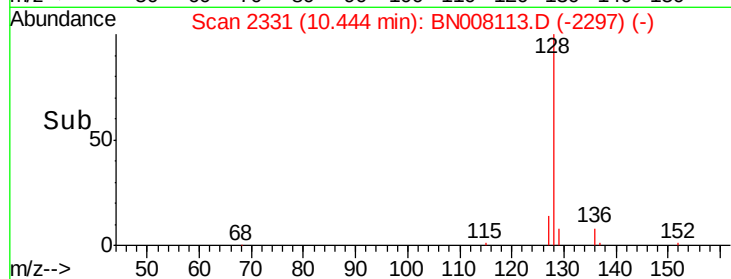
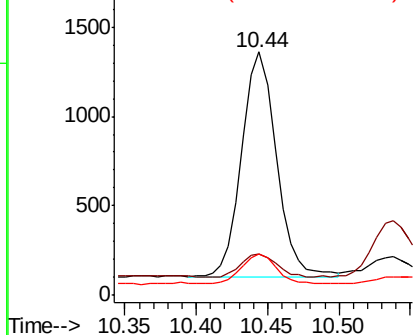
Tot Ion	Ratio	Lower	Upper
128	100		
129	17.0	9.8	14.8#
127	17.0	11.1	16.7#

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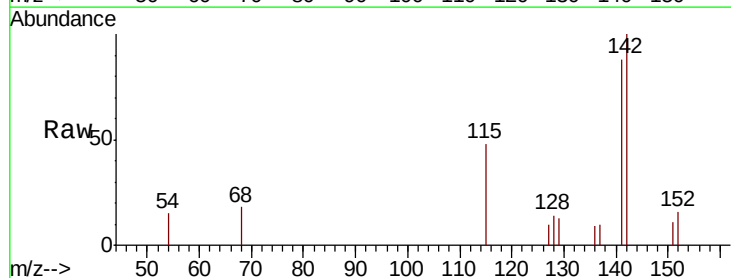


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

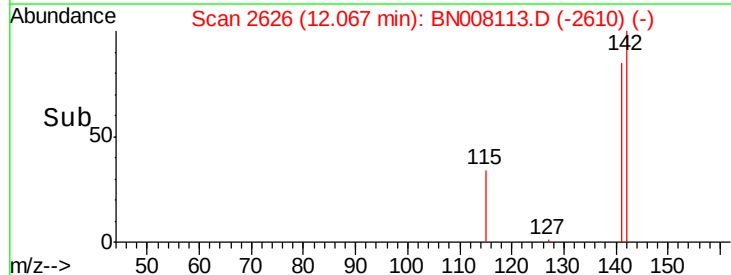
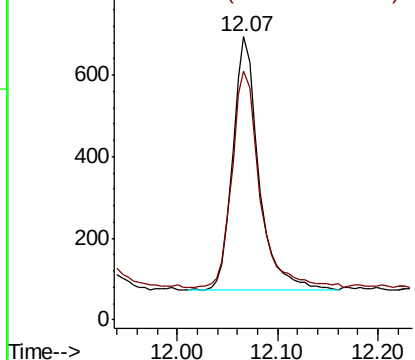


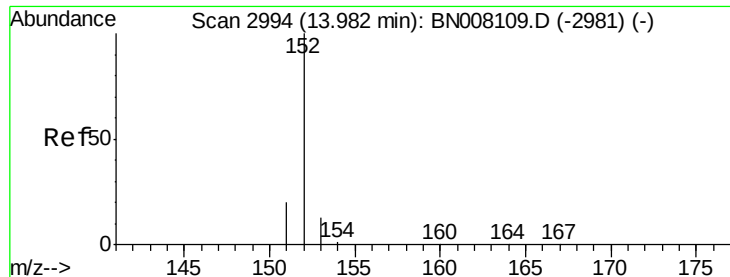
#5
2-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 12.07 min Scan# 2626
Delta R.T. -0.01 min
Lab File: BN008113.D
Acq: 12 Oct 2019 15:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	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: 0.193 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BN008113.D

Acq: 12 Oct 2019 15:21

Instrument :

BNA_N

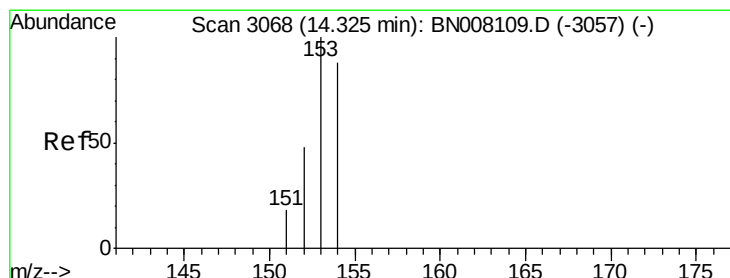
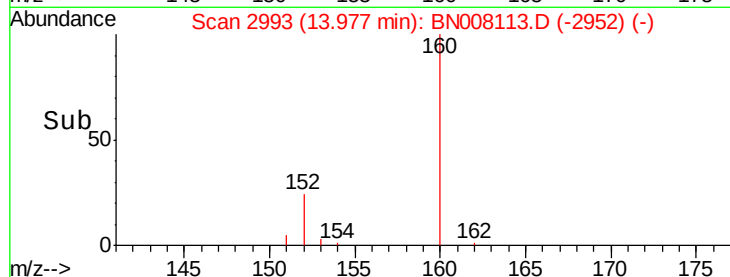
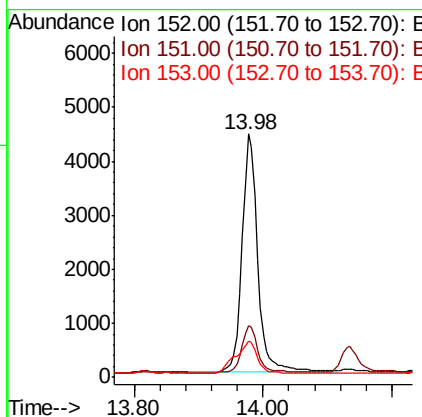
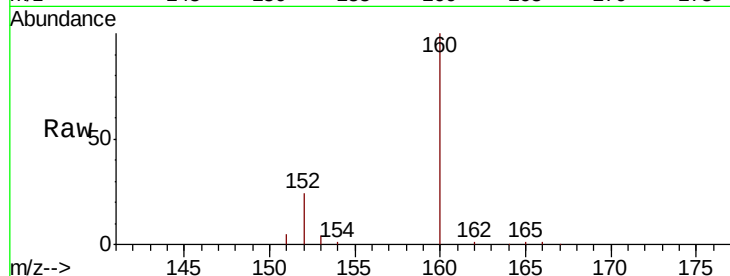
ClientSampleId :

BEPE7

Tot Ion:	152	Resp:	7521
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.2	24.4
153	15.2	11.0	16.4

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#8

Acenaphthene

Concen: 0.060 ng/ul

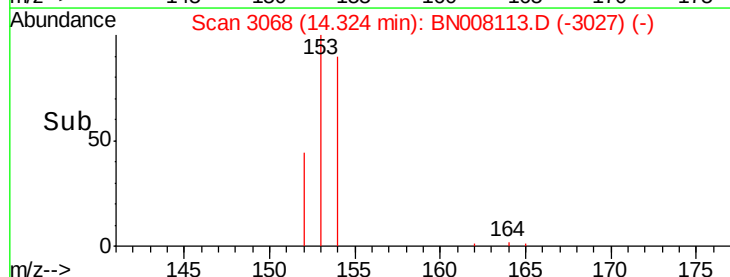
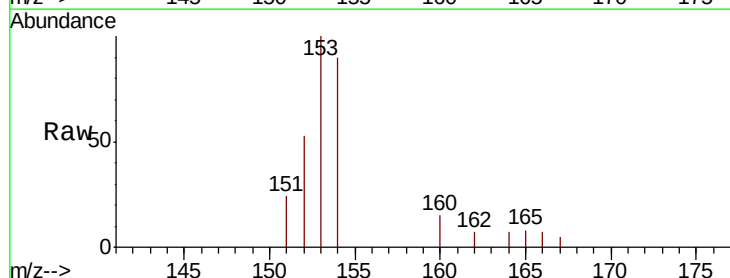
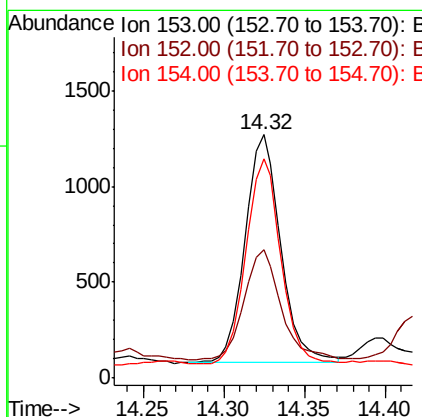
RT: 14.32 min Scan# 3068

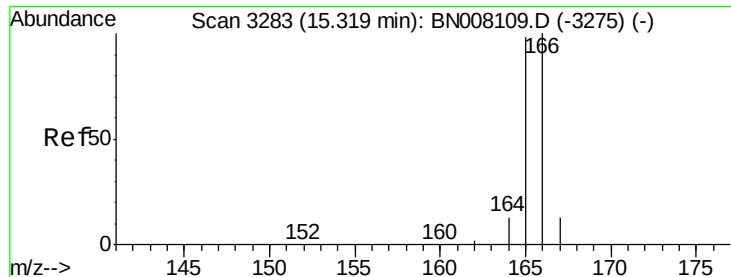
Delta R.T. -0.01 min

Lab File: BN008113.D

Acq: 12 Oct 2019 15:21

Tgt Ion:	153	Resp:	1828
Ion Ratio	Lower	Upper	
153	100		
152	52.8	38.2	57.2
154	90.0	71.8	107.8





#9

Fluorene

Concen: 0.066 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. -0.01 min

Lab File: BN008113.D

Acq: 12 Oct 2019 15:21

Instrument :

BNA_N

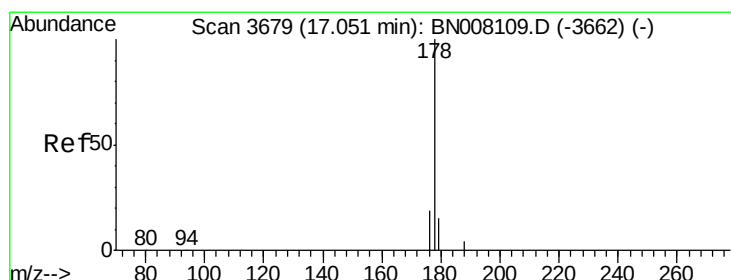
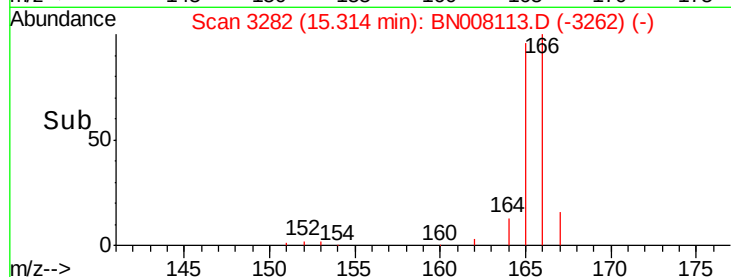
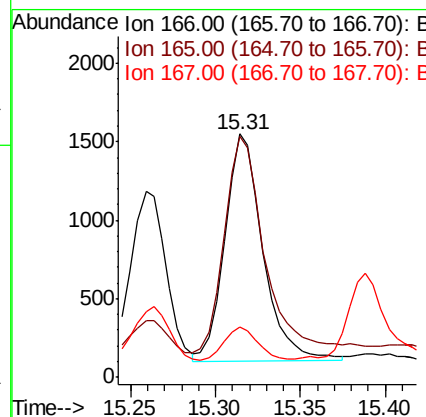
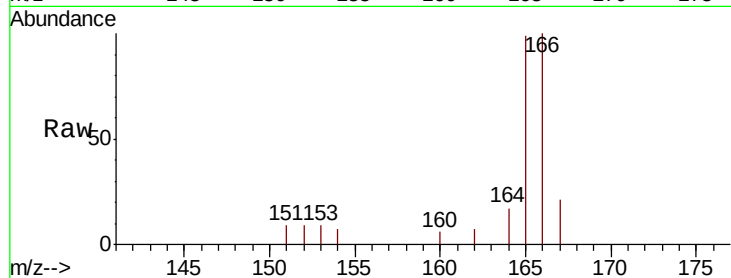
ClientSampleId :

BEPE7

Tot Ion:	166	Resp:	2286
Ion Ratio	Lower	Upper	
166	100		
165	99.1	76.6	115.0
167	20.5	11.7	17.5#

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#12

Phenanthrene

Concen: 0.983 ng/ul m

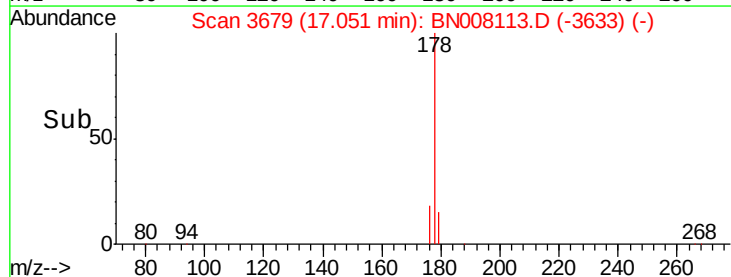
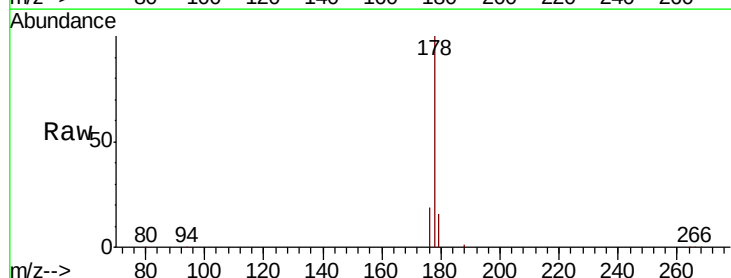
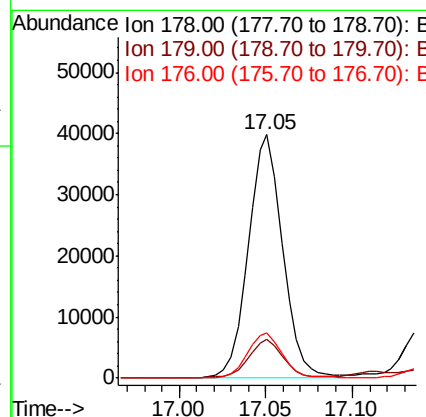
RT: 17.05 min Scan# 3679

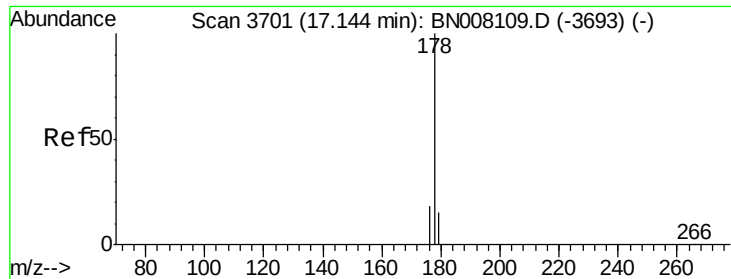
Delta R.T. -0.00 min

Lab File: BN008113.D

Acq: 12 Oct 2019 15:21

Tgt Ion:	178	Resp:	54115
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.8	19.2
176	18.6	15.4	23.2





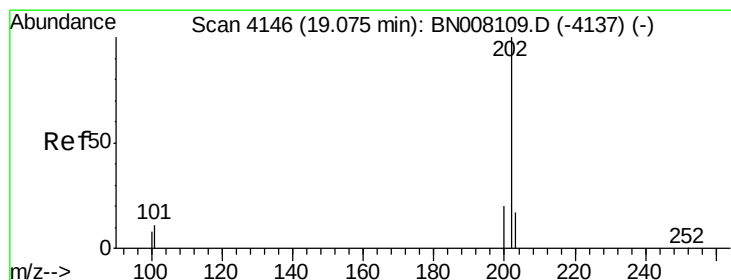
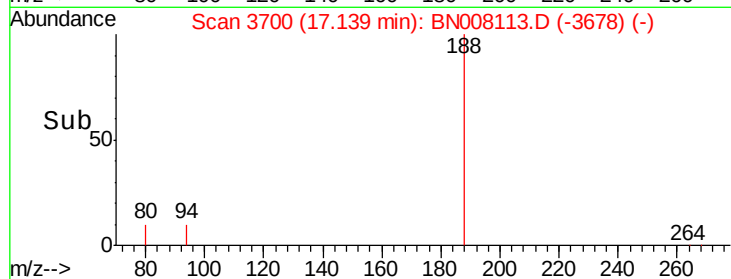
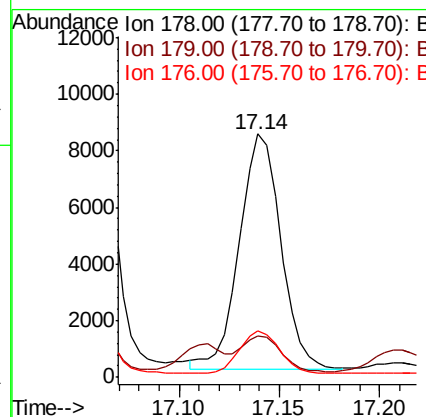
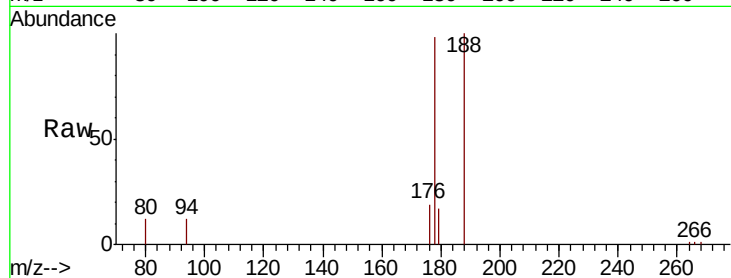
#13
 Anthracene
 Concen: 0.247 ng/ul m
 RT: 17.14 min Scan# 3700
 Delta R.T. -0.01 min
 Lab File: BN008113.D
 Acq: 12 Oct 2019 15:21

Instrument :
 BNA_N
 ClientSampled :
 BEPE7

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		11992		
179	17.3	13.0		19.6	
176	19.1	15.0		22.6	

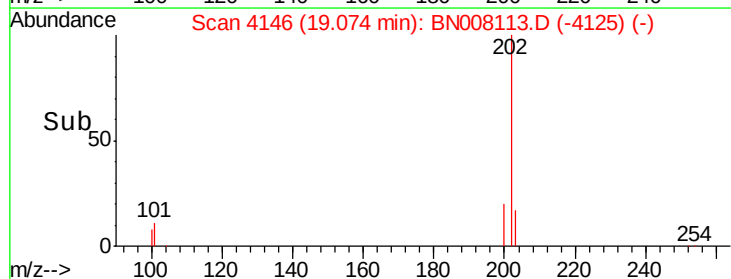
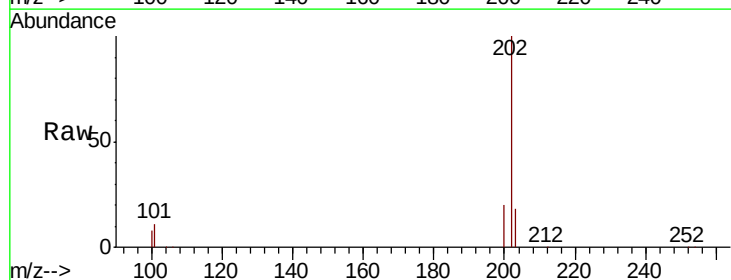
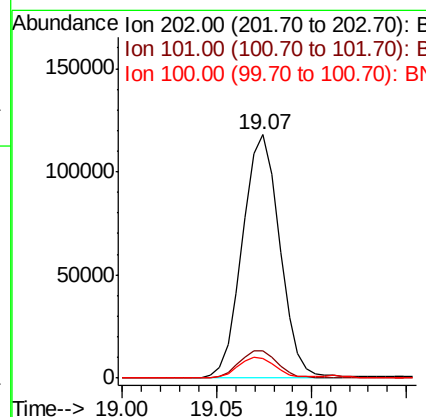
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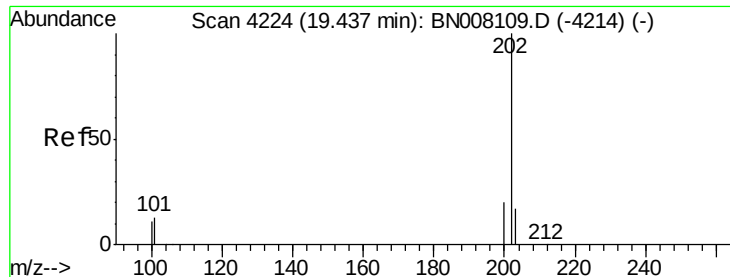
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#15
 Fluoranthene
 Concen: 2.209 ng/ul m
 RT: 19.07 min Scan# 4146
 Delta R.T. -0.00 min
 Lab File: BN008113.D
 Acq: 12 Oct 2019 15:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		160690		
101	11.0	0.0		31.2	
100	8.2	0.0		28.5	





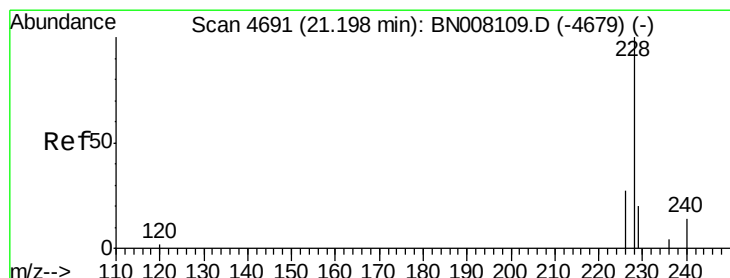
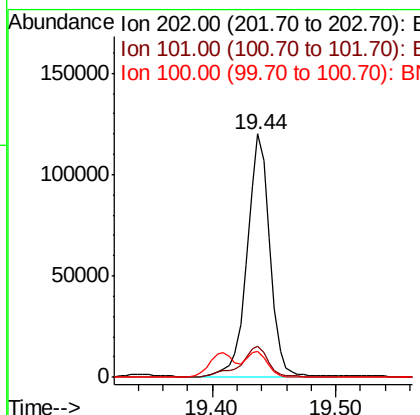
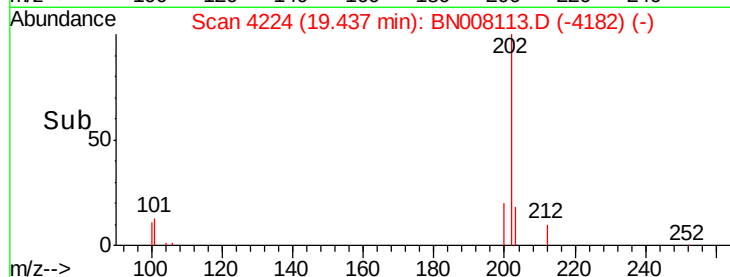
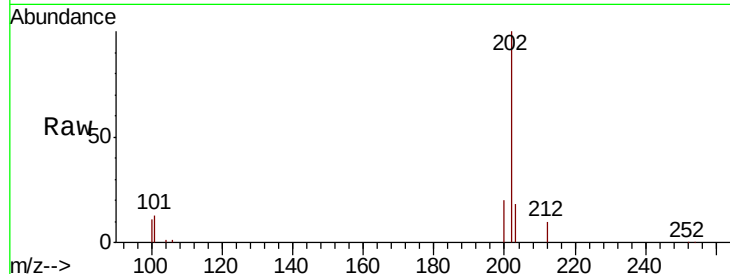
#17
Pvrene
Concen: 1.946 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN008113.D
Acq: 12 Oct 2019 15:21

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ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.9	10.9	16.3
100	10.6	8.7	13.1

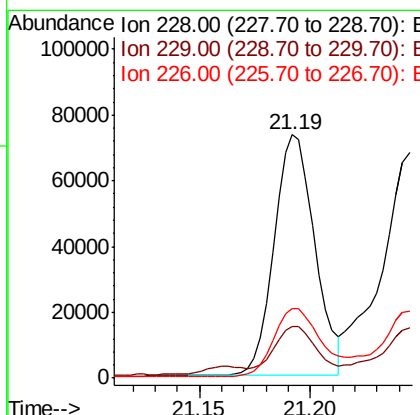
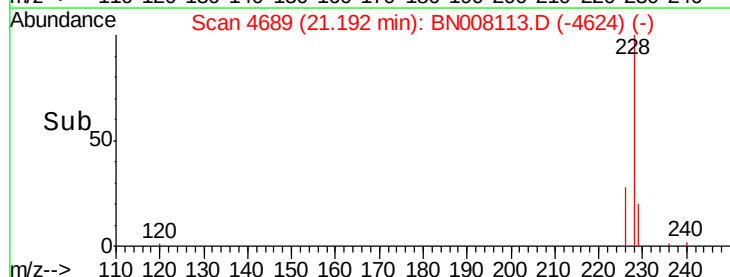
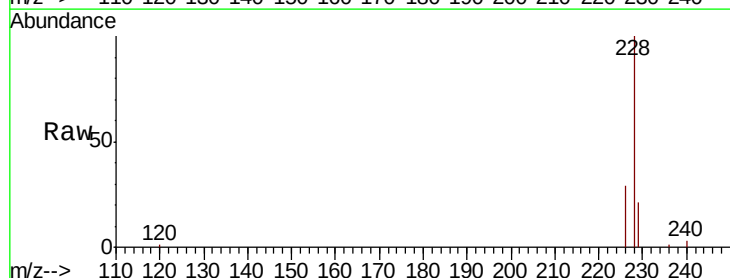
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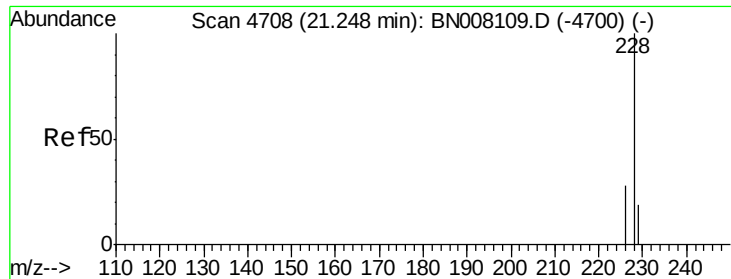
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#18
Benzo(a)anthracene
Concen: 1.290 ng/ul
RT: 21.19 min Scan# 4689
Delta R.T. -0.01 min
Lab File: BN008113.D
Acq: 12 Oct 2019 15:21

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.5	16.2	24.2
226	28.7	21.4	32.0





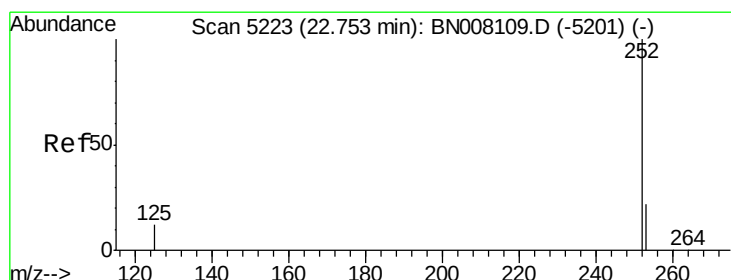
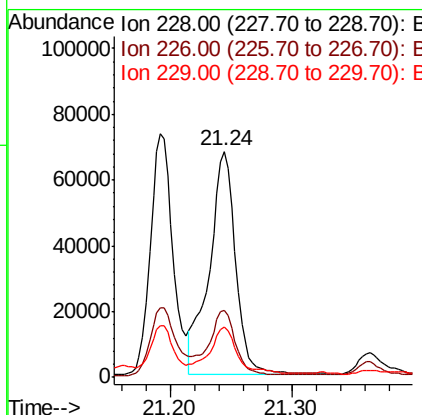
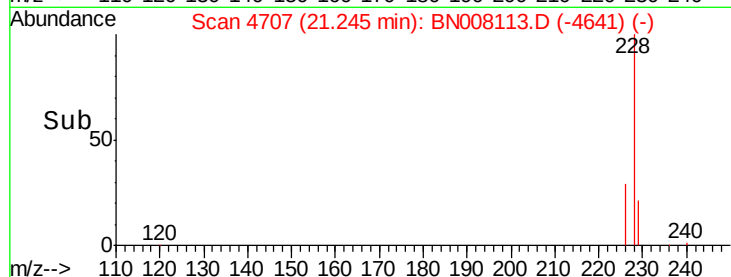
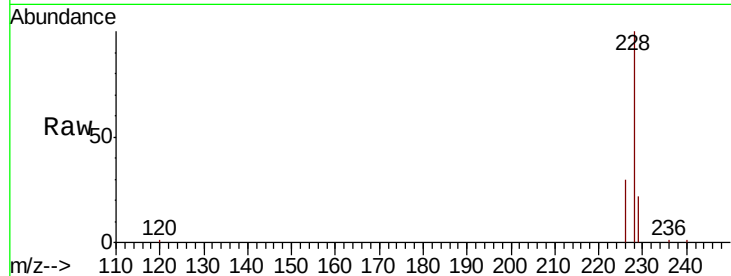
#19
Chrysene
Concen: 1.166 ng/ul
RT: 21.24 min Scan# 4707
Delta R.T. -0.01 min
Lab File: BN008113.D
Acq: 12 Oct 2019 15:21

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ClientSampleId :
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Tot Ion:228	Resp:	103255
Ion Ratio	Lower	Upper
228 100		
226 29.6	24.1	36.1
229 22.3	16.2	24.2

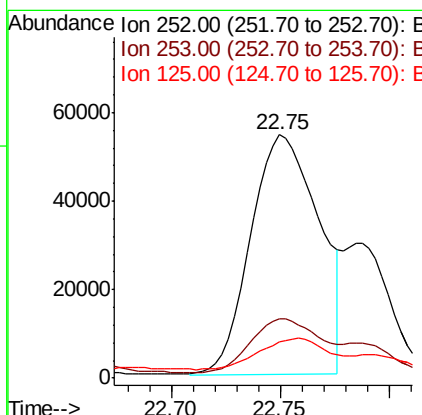
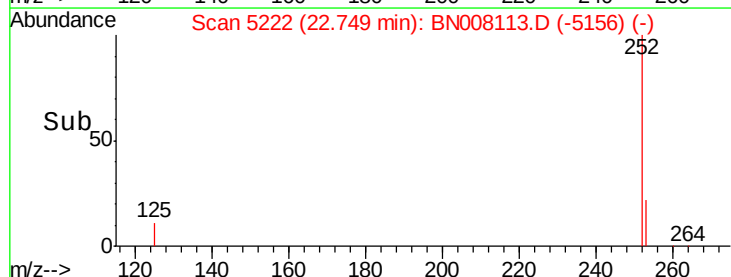
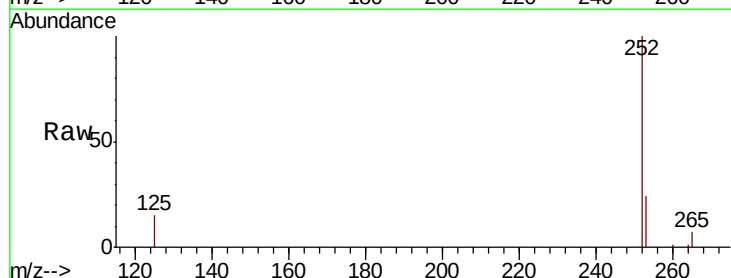
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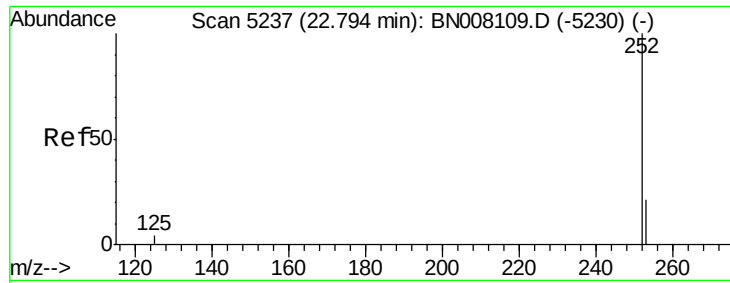
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#21
Benzo(b)fluoranthene
Concen: 1.931 ng/ul m
RT: 22.75 min Scan# 5222
Delta R.T. -0.01 min
Lab File: BN008113.D
Acq: 12 Oct 2019 15:21

Tgt Ion:252	Resp:	117785
Ion Ratio	Lower	Upper
252 100		
253 24.2	0.0	53.4
125 14.6	0.0	32.4





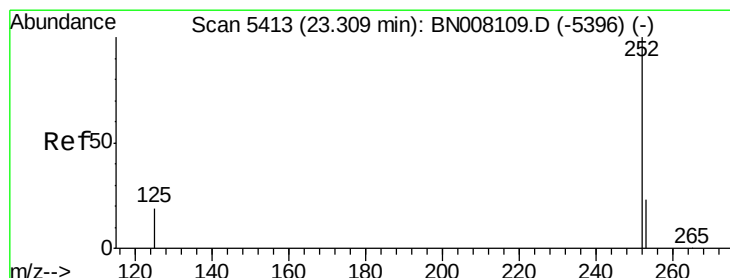
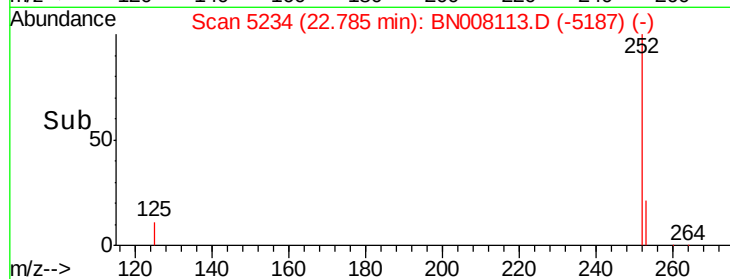
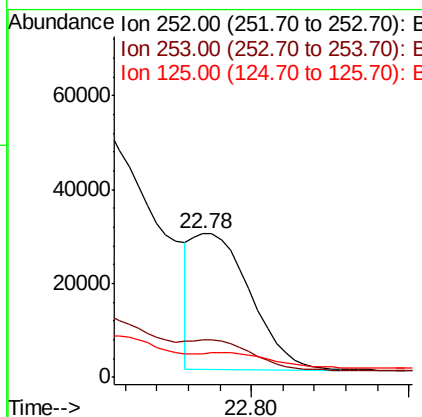
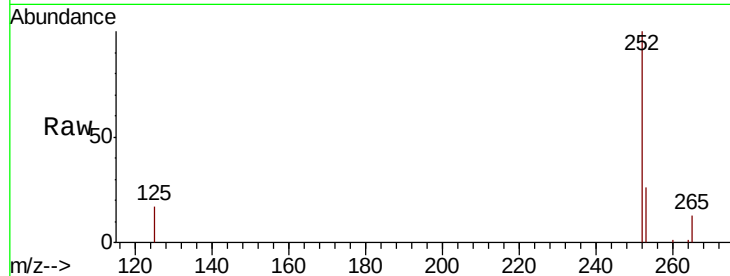
#22
Benzo(k)fluoranthene
Concen: 0.545 ng/ul m
RT: 22.78 min Scan# 5234
Delta R.T. -0.01 min
Lab File: BN008113.D
Acq: 12 Oct 2019 15:21

Instrument :
BNA_N
ClientSampleId :
BEPE7

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	21.3	31.9
125	16.7	12.3	18.5

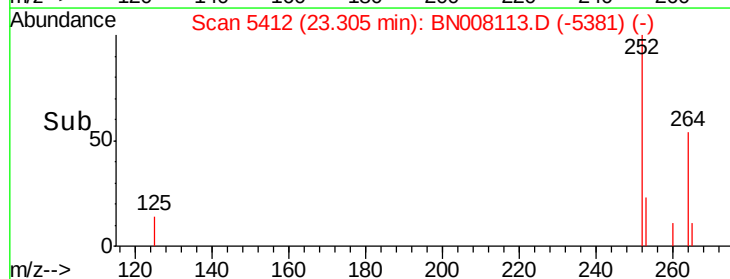
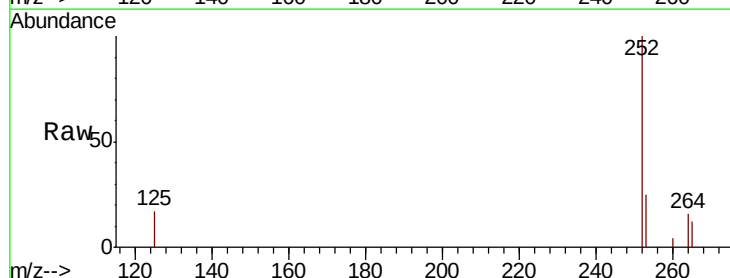
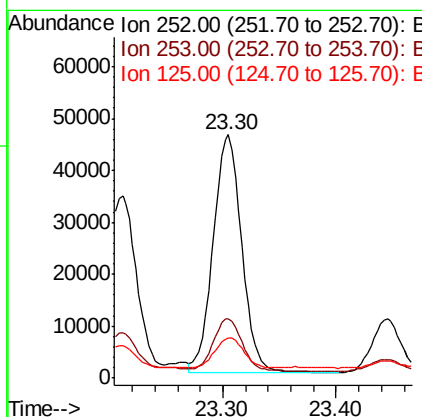
Manual Integrations
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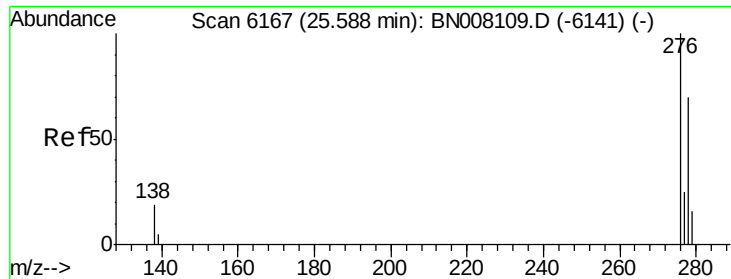
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#23
Benzo(a)pyrene
Concen: 1.240 ng/ul
RT: 23.30 min Scan# 5412
Delta R.T. -0.01 min
Lab File: BN008113.D
Acq: 12 Oct 2019 15:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	22.8	34.2
125	16.7	18.4	27.6#





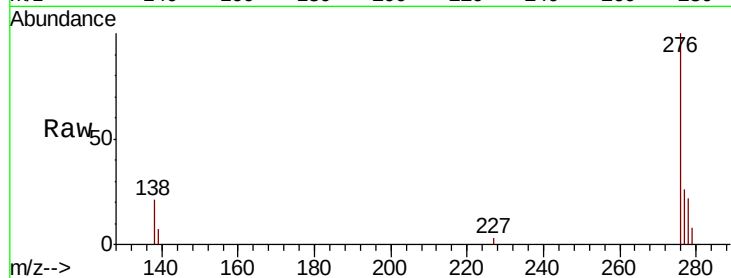
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.653 ng/ul
 RT: 25.57 min Scan# 6163
 Delta R.T. -0.02 min
 Lab File: BN008113.D
 Acq: 12 Oct 2019 15:21

Instrument :
 BNA_N
 ClientSampleId :
 BEPE7

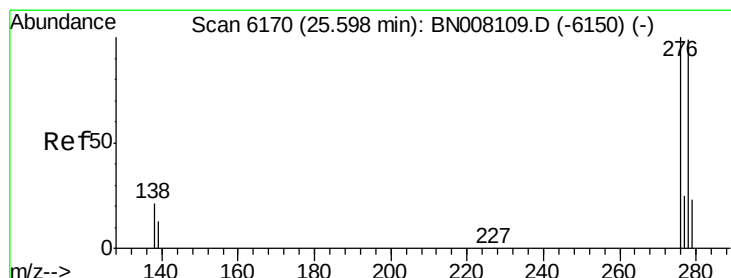
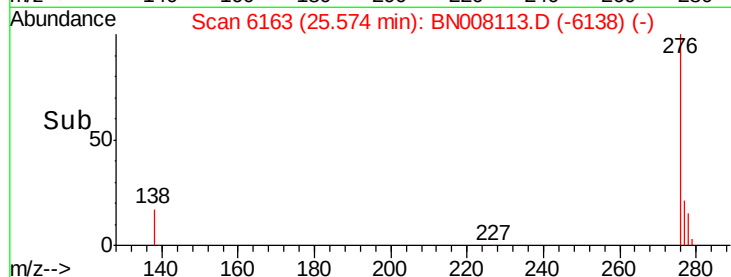
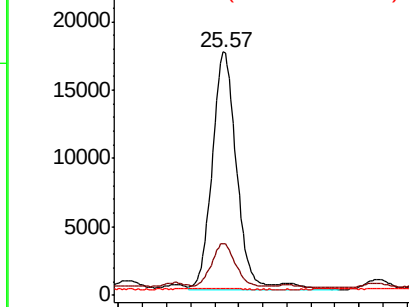
Tot Ion	Ratio	Lower	Upper
276	100		
138	17.3	16.1	24.1
227	0.0	0.2	0.2#

Manual Integrations
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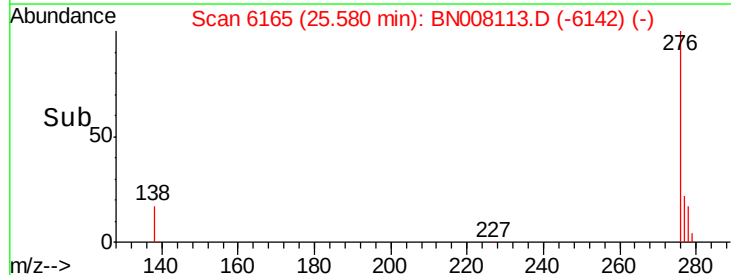
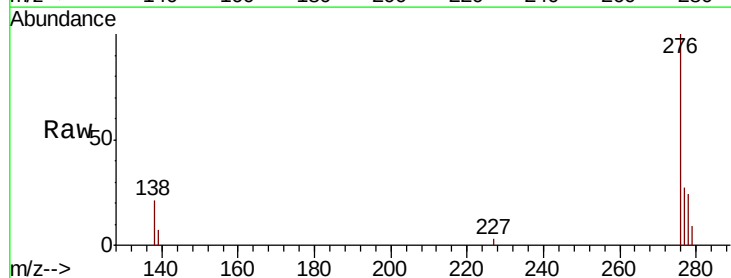
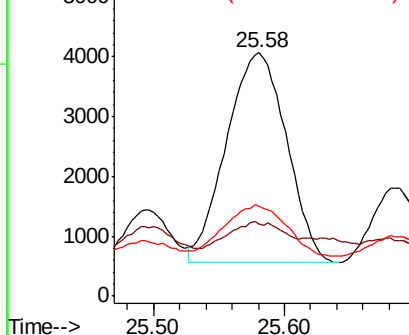
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

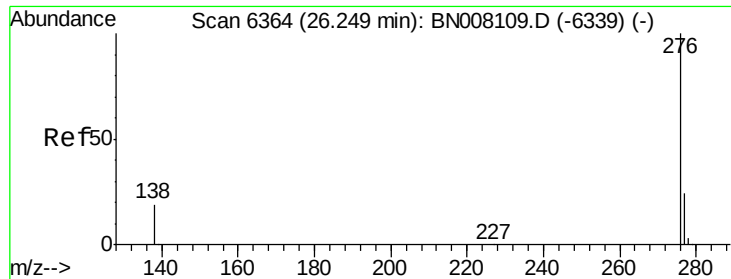


#25
 Dibenzo(a,h)anthracene
 Concen: 0.187 ng/ul
 RT: 25.58 min Scan# 6165
 Delta R.T. -0.02 min
 Lab File: BN008113.D
 Acq: 12 Oct 2019 15:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.7	15.0	22.6#
279	36.9	22.4	33.6#

Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E





#26
 Benzo(a,h,i)perylene
 Concen: 0.702 ng/ul
 RT: 26.24 min Scan# 6362
 Delta R.T. -0.01 min
 Lab File: BN008113.D
 Acq: 12 Oct 2019 15:21

Instrument :
 BNA_N
 ClientSampleId :
 BEPE7

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.3	17.0	25.4
277	25.7	20.4	30.6

Manual Integrations
 APPROVED

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