

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008342.D
 Acq On : 23 Oct 2019 08:07
 Operator : JU
 Sample : K5223-17
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPA5

Manual Integrations
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 10/24/2019 8:06:18 AM

Quant Time: Oct 23 09:36:49 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	1706	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	8597	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	5411	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	11889m	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	11070	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	9535	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	3504	0.24	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	10298	0.25	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.39	128	1195	0.049	ng/ul#	84
5) 2-Methylnaphthalene	12.02	142	450	0.027	ng/ul	96
7) Acenaphthylene	13.93	152	1879	0.073	ng/ul#	91
8) Acenaphthene	14.28	153	1339	0.067	ng/ul	99
9) Fluorene	15.27	166	1456	0.064	ng/ul#	94
12) Phenanthrene	17.00	178	28883	0.830	ng/ul	99
13) Anthracene	17.10	178	5879	0.192	ng/ul	97
15) Fluoranthene	19.03	202	69051	1.502	ng/ul	99
17) Pyrene	19.39	202	77176	1.751	ng/ul	97
18) Benzo(a)anthracene	21.15	228	42515	1.056	ng/ul	98
19) Chrysene	21.21	228	48274	0.977	ng/ul	99
21) Benzo(b)fluoranthene	22.70	252	46553m	1.500	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	13789m	0.392	ng/ul	
23) Benzo(a)pyrene	23.25	252	32894	1.007	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.50	276	18043	0.469	ng/ul	96
25) Dibenzo(a,h)anthracene	25.50	278	4551	0.150	ng/ul#	82
26) Benzo(a,h,i)perylene	26.15	276	14233	0.403	ng/ul	97

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

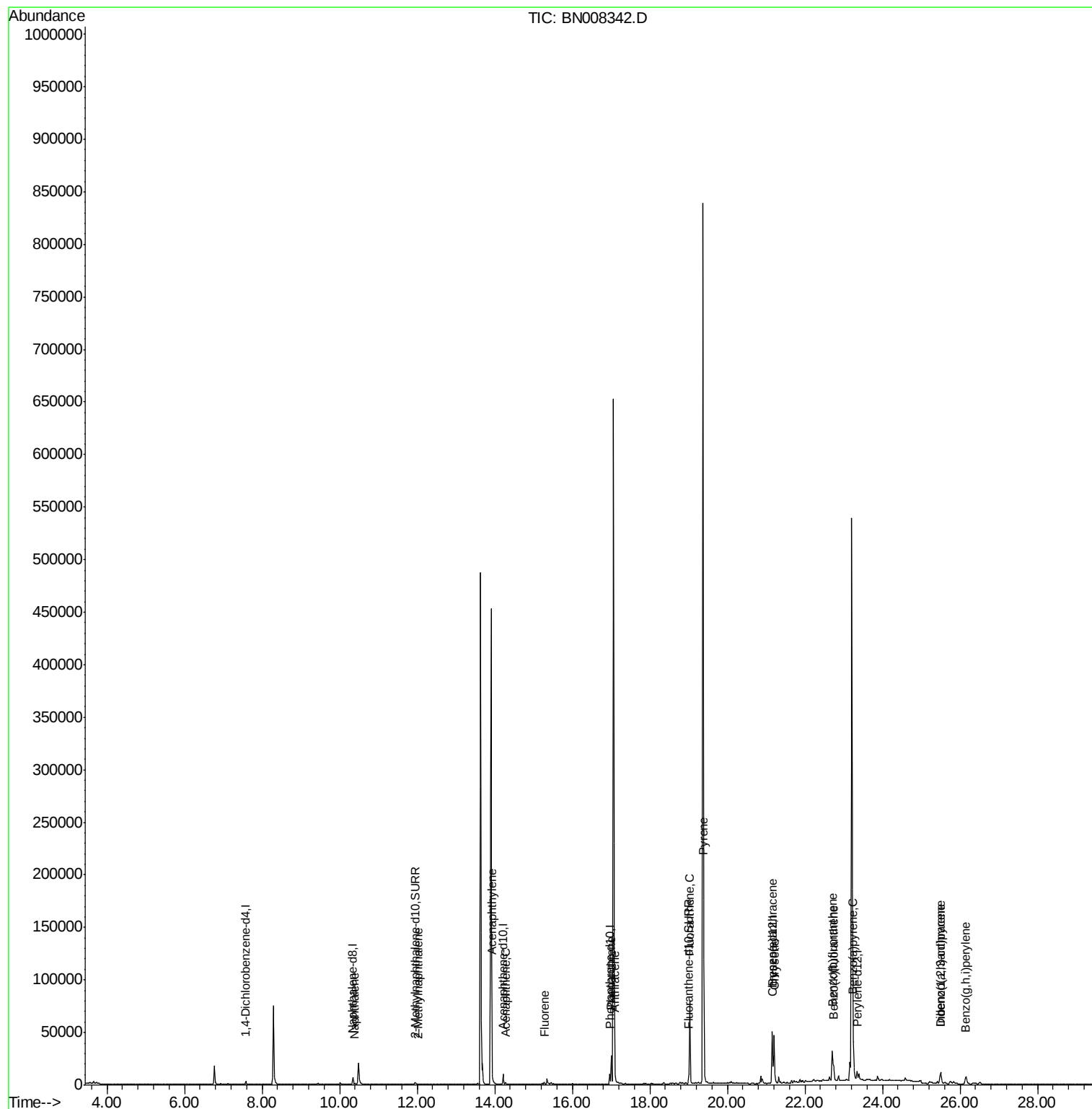
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008342.D
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Sample : K5223-17
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ALS Vial : 36 Sample Multiplier: 1

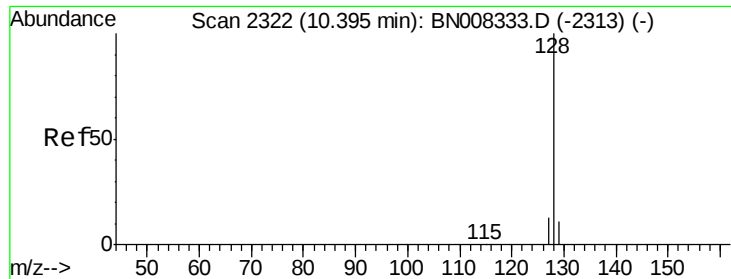
Instrument :
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Quant Time: Oct 23 09:36:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.049 ng/ul

RT: 10.39 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BN008342.D

Acq: 23 Oct 2019 08:07

Instrument :

BNA_N

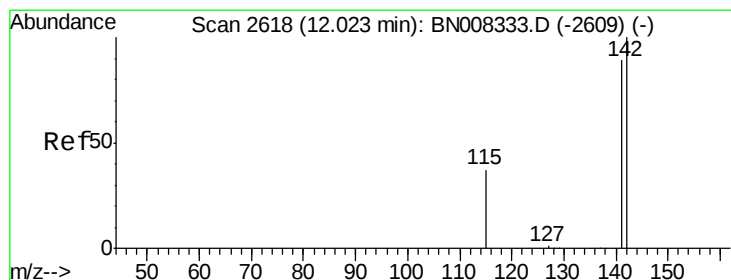
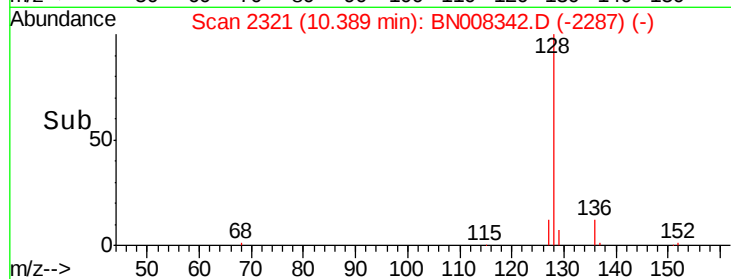
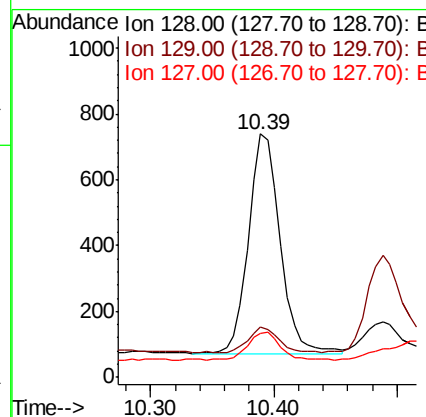
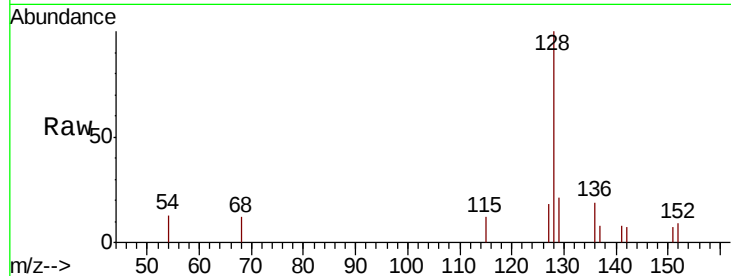
ClientSampleId :

BEPA5

Tot Ion:	128	Resp:	1195
Ion Ratio	Lower	Upper	
128	100		
129	20.6	9.8	14.8#
127	18.3	11.1	16.7#

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#5

2-Methylnaphthalene

Concen: 0.027 ng/ul

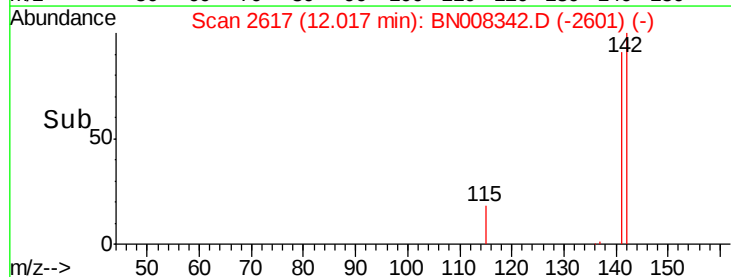
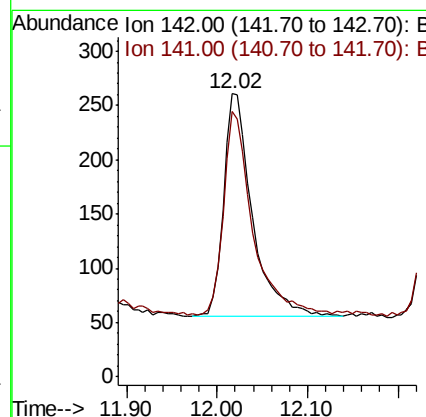
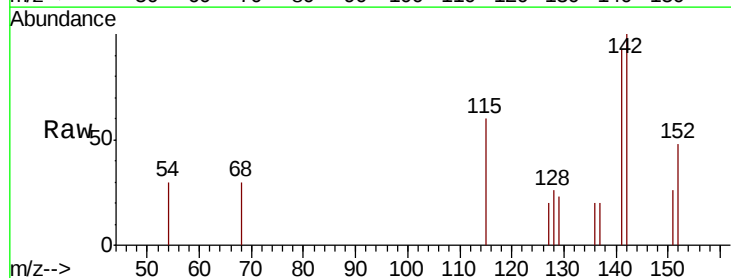
RT: 12.02 min Scan# 2617

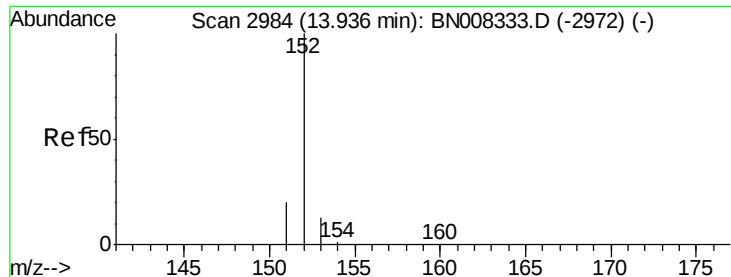
Delta R.T. -0.01 min

Lab File: BN008342.D

Acq: 23 Oct 2019 08:07

Tgt Ion:	142	Resp:	450
Ion Ratio	Lower	Upper	
142	100		
141	92.9	71.4	107.2





#7

Acenaphthylene

Concen: 0.073 ng/ul

RT: 13.93 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BN008342.D

Acq: 23 Oct 2019 08:07

Instrument :

BNA_N

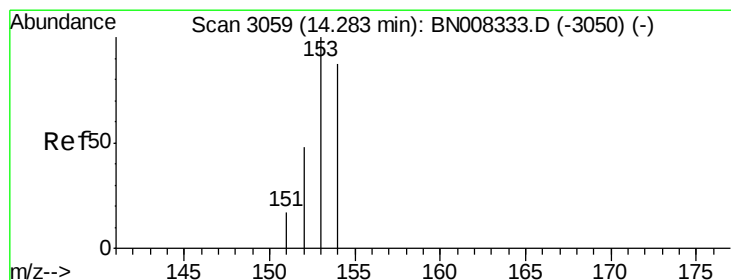
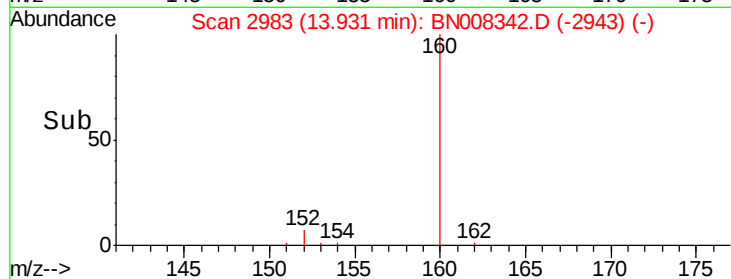
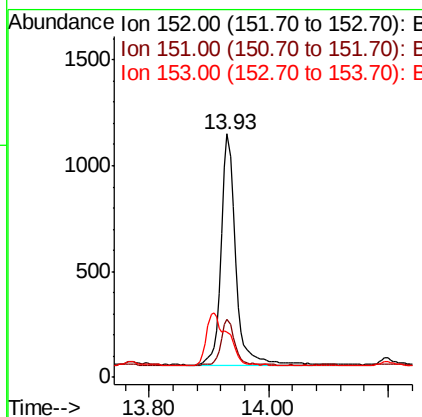
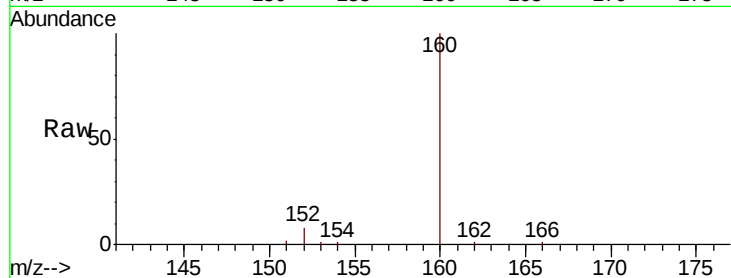
ClientSampleId :

BEPA5

Tot Ion:	152	Resp:	1879
Ion Ratio	Lower	Upper	
152	100		
151	23.9	16.2	24.4
153	18.3	11.0	16.4#

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#8

Acenaphthene

Concen: 0.067 ng/ul

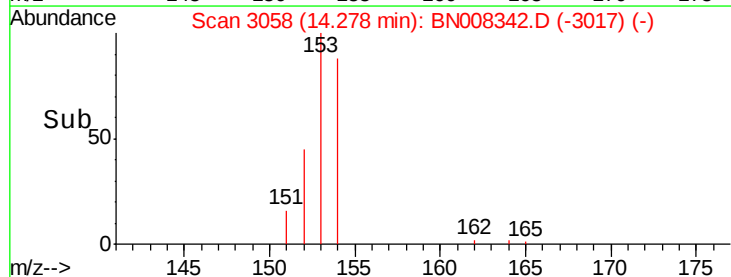
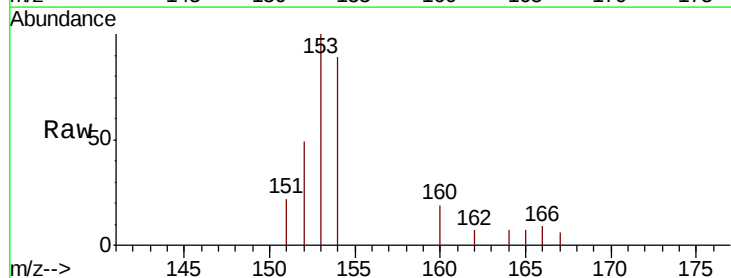
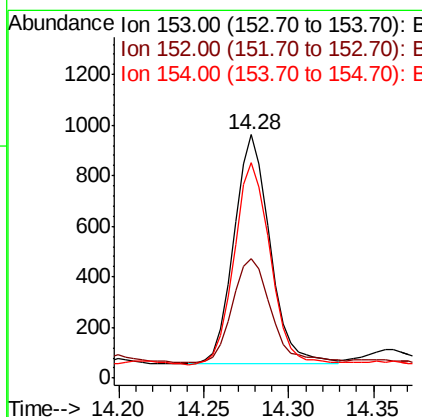
RT: 14.28 min Scan# 3058

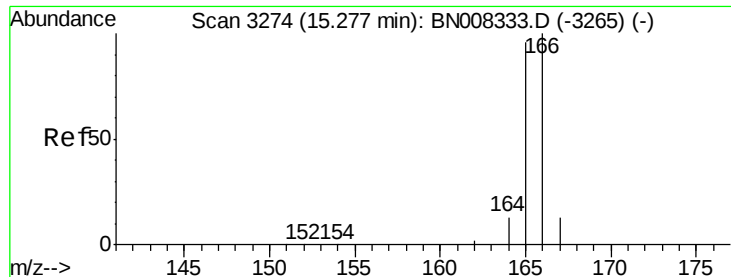
Delta R.T. -0.01 min

Lab File: BN008342.D

Acq: 23 Oct 2019 08:07

Tgt Ion:	153	Resp:	1339
Ion Ratio	Lower	Upper	
153	100		
152	49.0	38.2	57.2
154	88.7	71.8	107.8





#9

Fluorene

Concen: 0.064 ng/ul

RT: 15.27 min Scan# 3273

Delta R.T. -0.01 min

Lab File: BN008342.D

Acq: 23 Oct 2019 08:07

Instrument :

BNA_N

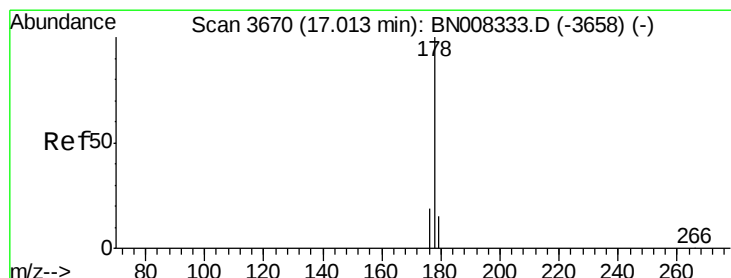
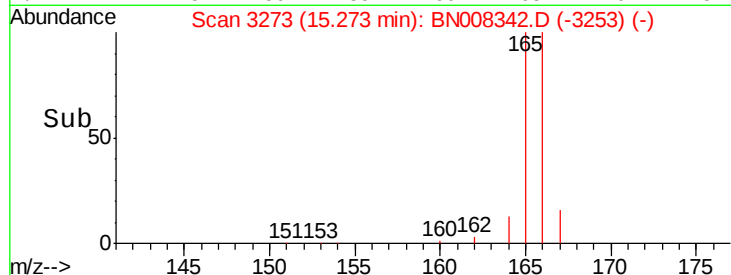
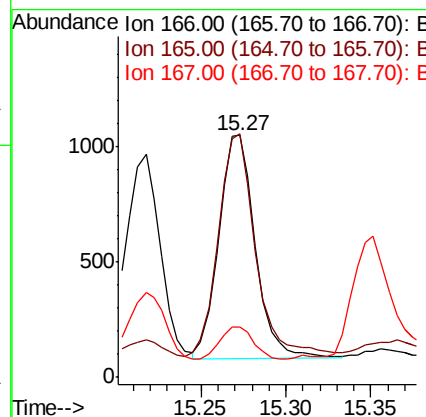
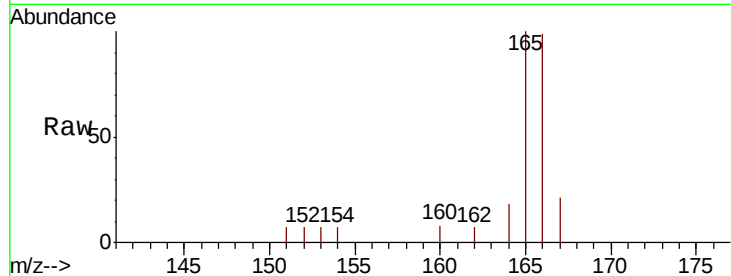
ClientSampleId :

BEPA5

Tot Ion:	166	Resp:	1456
Ion Ratio	Lower	Upper	
166	100		
165	100.7	76.6	115.0
167	20.9	11.7	17.5#

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#12

Phenanthrene

Concen: 0.830 ng/ul

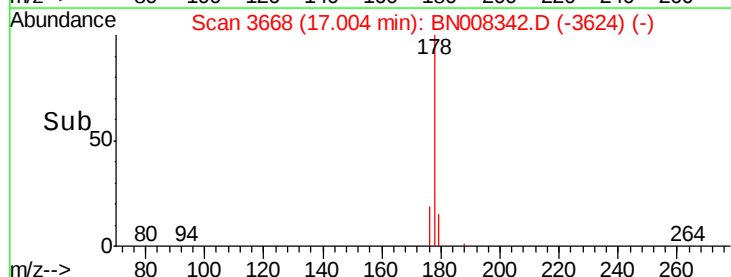
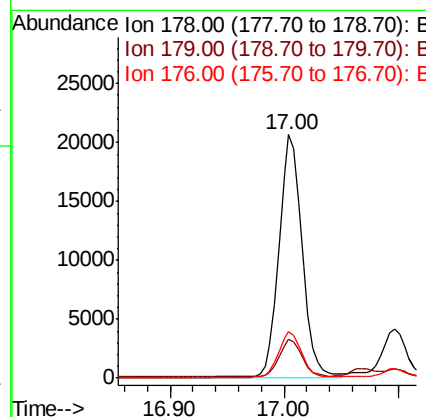
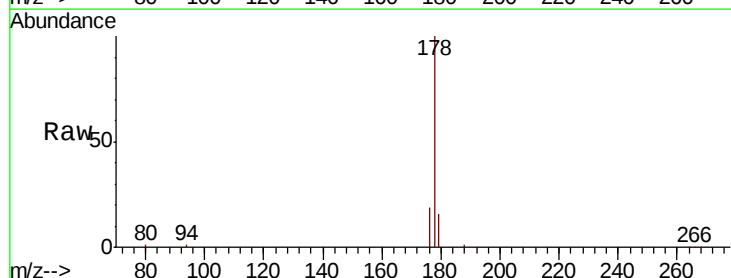
RT: 17.00 min Scan# 3668

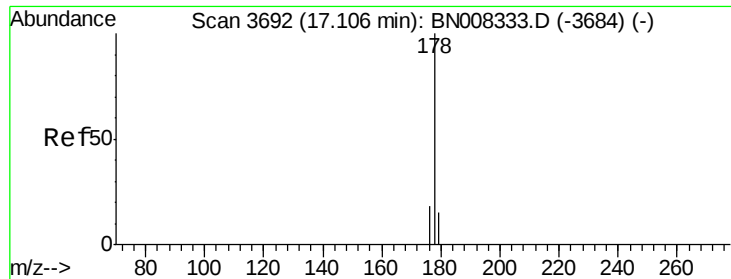
Delta R.T. -0.01 min

Lab File: BN008342.D

Acq: 23 Oct 2019 08:07

Tgt Ion:	178	Resp:	28883
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.8	19.2
176	19.0	15.4	23.2





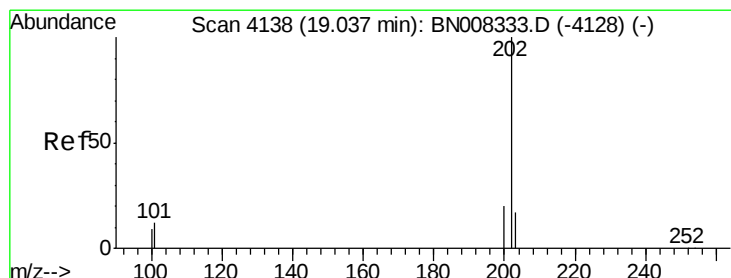
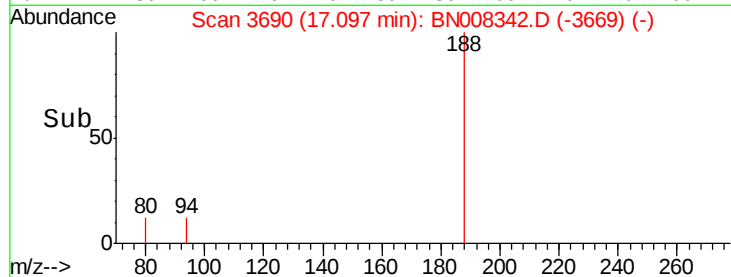
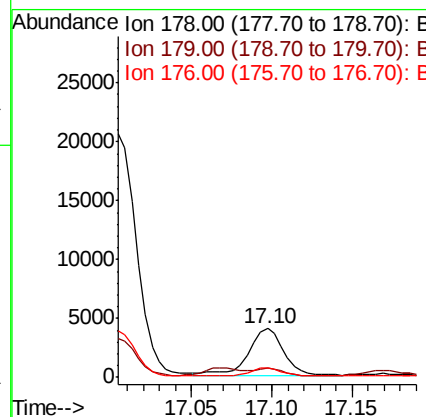
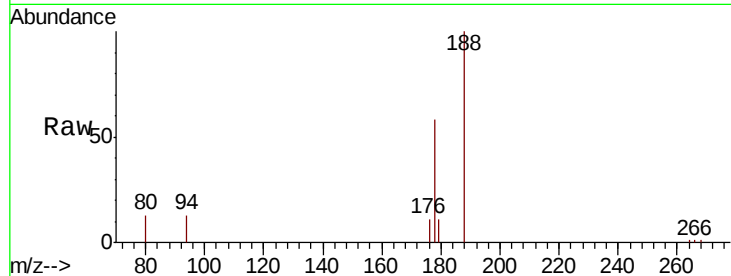
#13
 Anthracene
 Concen: 0.192 ng/ul
 RT: 17.10 min Scan# 3690
 Delta R.T. -0.01 min
 Lab File: BN008342.D
 Acq: 23 Oct 2019 08:07

Instrument :
 BNA_N
 ClientSampleId :
 BEPA5

Tot Ion:178 Resp: 5879
 Ion Ratio Lower Upper
 178 100
 179 18.1 13.0 19.6
 176 19.5 15.0 22.6

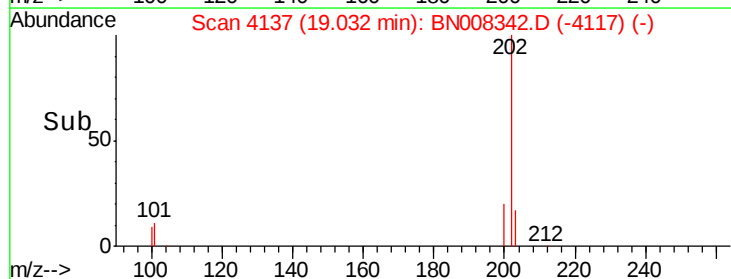
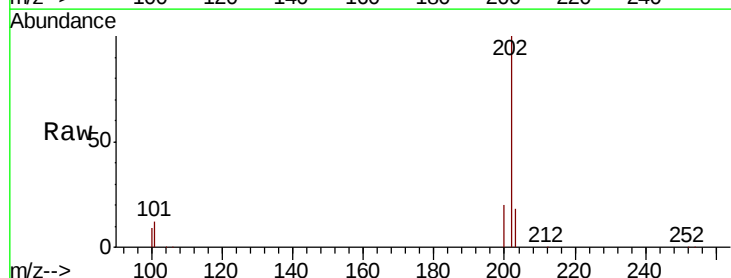
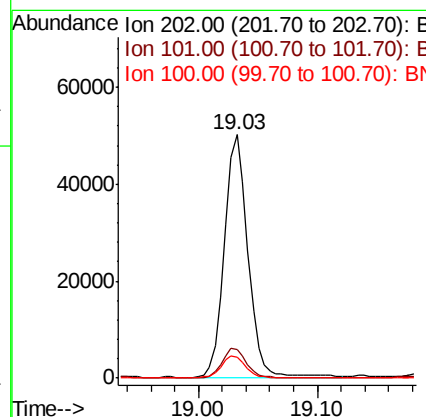
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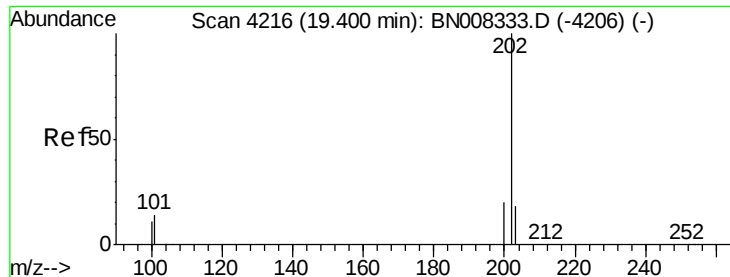
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#15
 Fluoranthene
 Concen: 1.502 ng/ul
 RT: 19.03 min Scan# 4137
 Delta R.T. -0.01 min
 Lab File: BN008342.D
 Acq: 23 Oct 2019 08:07

Tgt Ion:202 Resp: 69051
 Ion Ratio Lower Upper
 202 100
 101 11.9 0.0 31.2
 100 8.8 0.0 28.5





#17

Pvrene

Concen: 1.751 ng/ul

RT: 19.39 min Scan# 4215

Delta R.T. -0.01 min

Lab File: BN008342.D

Acq: 23 Oct 2019 08:07

Instrument :

BNA_N

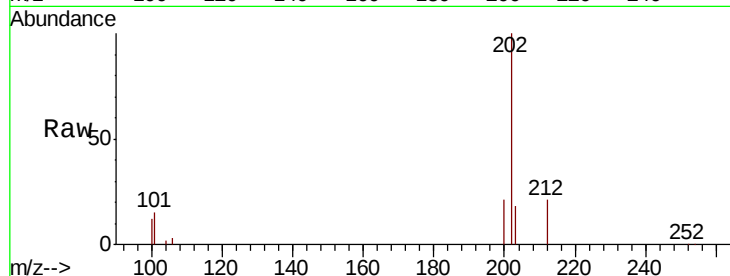
ClientSampleId :

BEPA5

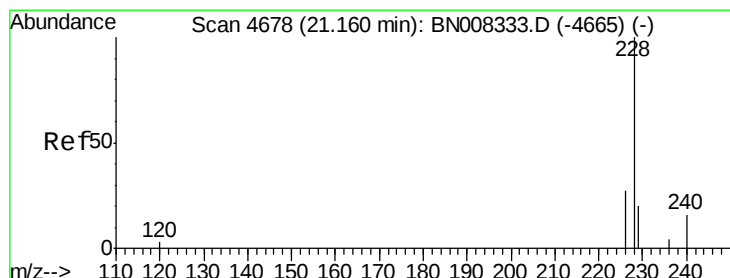
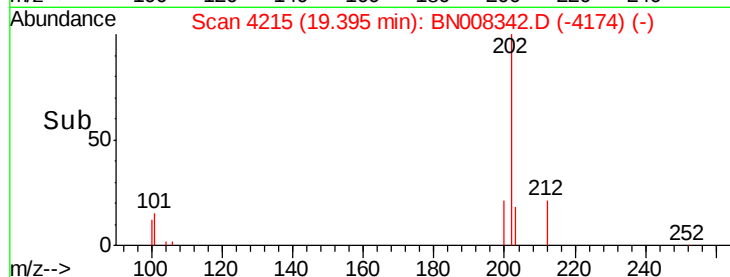
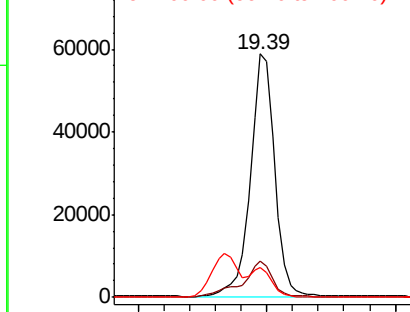
Tot Ion:	202	Resp:	77176
Ion Ratio	Lower	Upper	
202	100		
101	14.8	10.9	16.3
100	12.3	8.7	13.1

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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



#18

Benzo(a)anthracene

Concen: 1.056 ng/ul

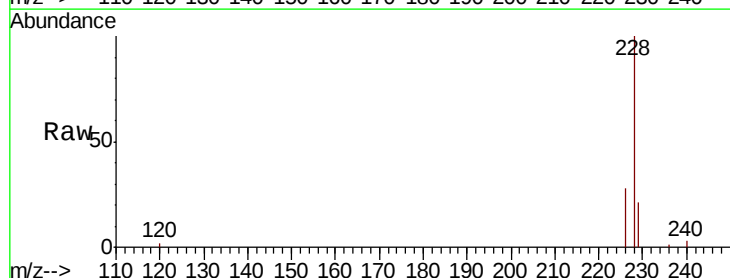
RT: 21.15 min Scan# 4676

Delta R.T. -0.01 min

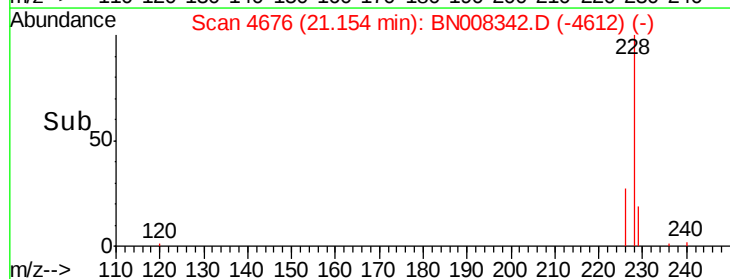
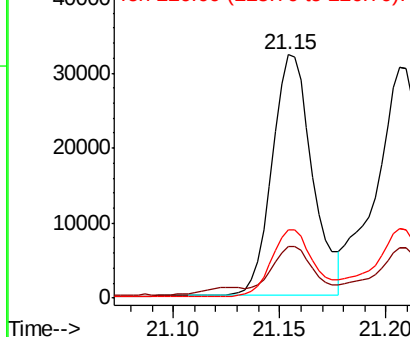
Lab File: BN008342.D

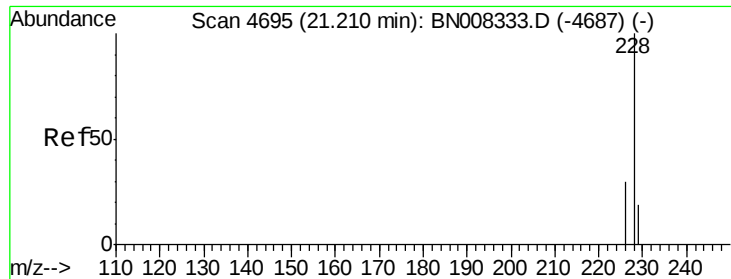
Acq: 23 Oct 2019 08:07

Tgt Ion:	228	Resp:	42515
Ion Ratio	Lower	Upper	
228	100		
229	21.1	16.2	24.2
226	27.9	21.4	32.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.977 ng/ul

RT: 21.21 min Scan# 4694

Delta R.T. -0.01 min

Lab File: BN008342.D

Acq: 23 Oct 2019 08:07

Instrument :

BNA_N

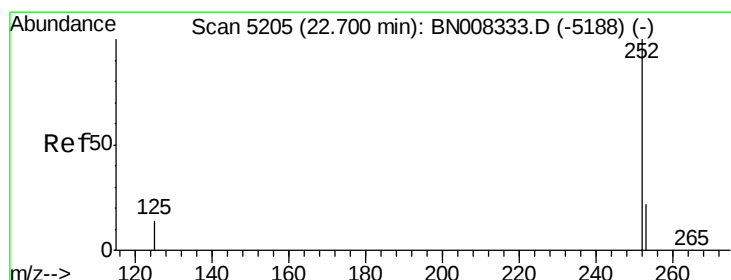
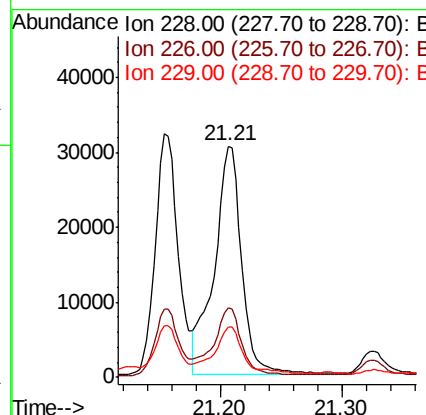
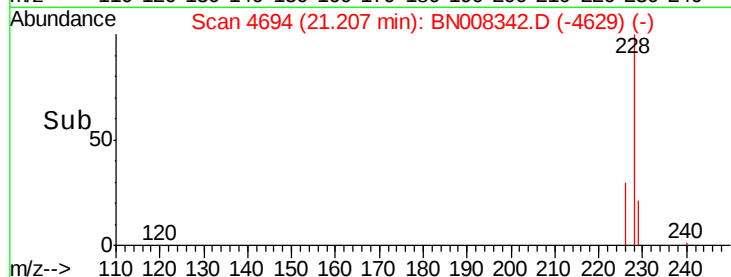
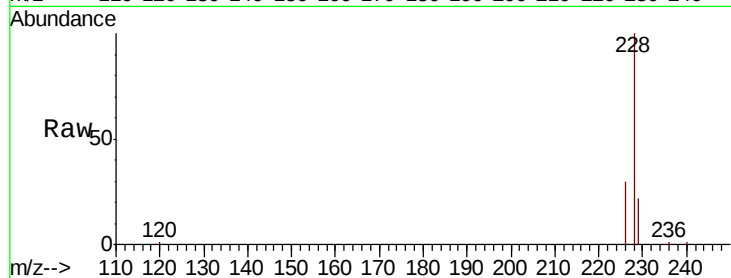
ClientSampleId :

BEPA5

Tot Ion:	228	Resp:	48274
Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	21.8	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 1.500 ng/ul m

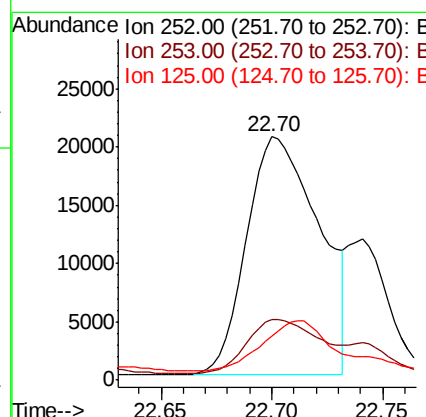
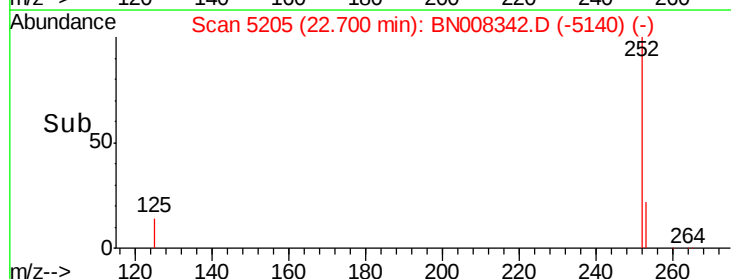
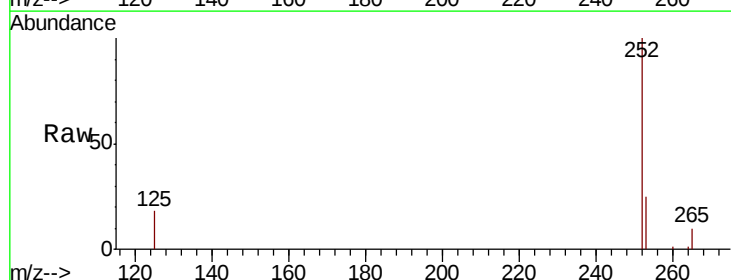
RT: 22.70 min Scan# 5205

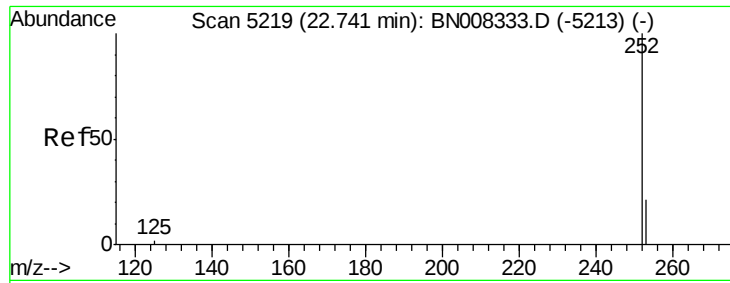
Delta R.T. -0.01 min

Lab File: BN008342.D

Acq: 23 Oct 2019 08:07

Tgt Ion:	252	Resp:	46553
Ion	Ratio	Lower	Upper
252	100		
253	24.6	0.0	53.4
125	18.0	0.0	32.4





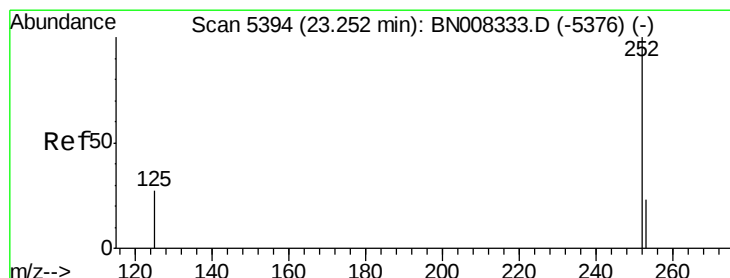
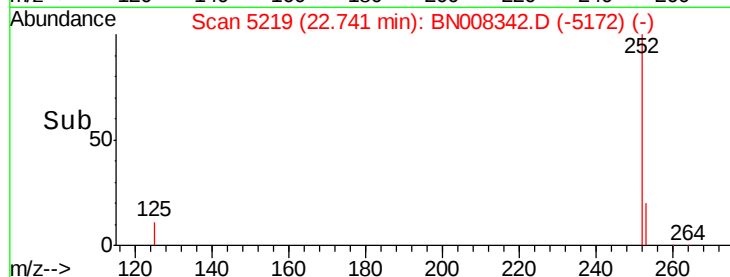
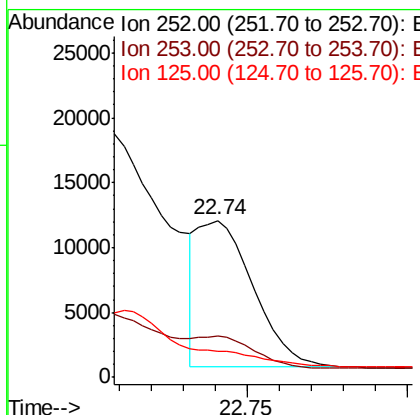
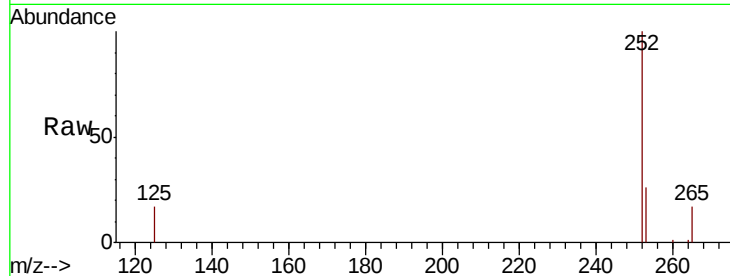
#22
Benzo(k)fluoranthene
Concen: 0.392 ng/ul m
RT: 22.74 min Scan# 5219
Delta R.T. -0.01 min
Lab File: BN008342.D
Acq: 23 Oct 2019 08:07

Instrument :
BNA_N
ClientSampleId :
BEPAS

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.3	21.3	31.9
125	16.9	12.3	18.5

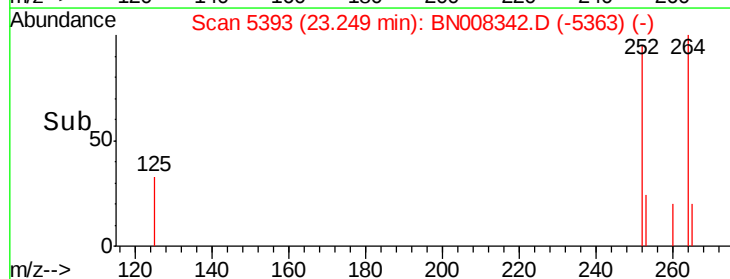
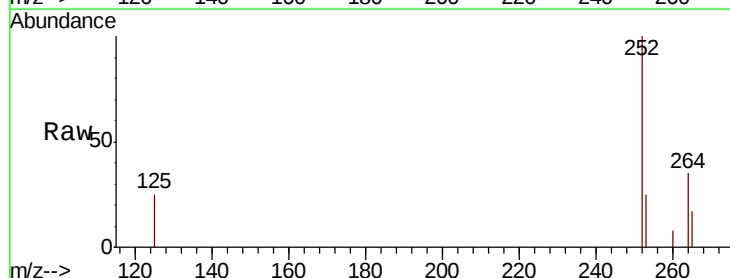
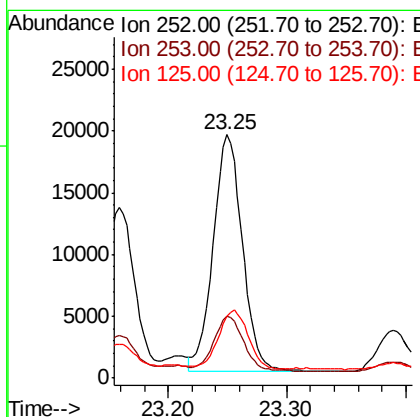
Manual Integrations
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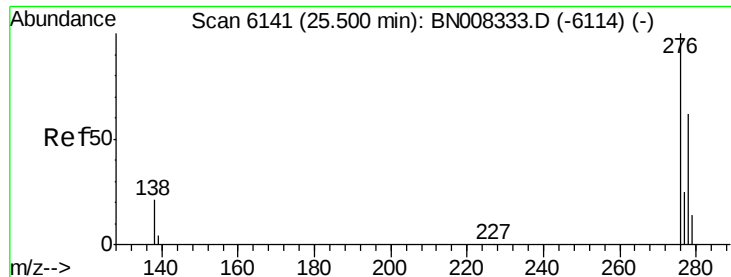
mohammad
10/24/2019 8:06:18 AM



#23
Benzo(a)pyrene
Concen: 1.007 ng/ul
RT: 23.25 min Scan# 5393
Delta R.T. -0.01 min
Lab File: BN008342.D
Acq: 23 Oct 2019 08:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	22.8	34.2
125	25.3	18.4	27.6





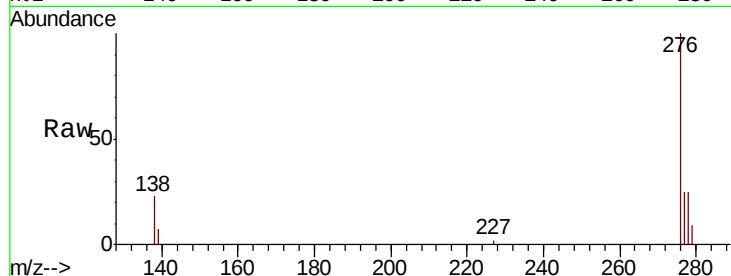
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.469 ng/ul
RT: 25.50 min Scan# 6140
Delta R.T. -0.01 min
Lab File: BN008342.D
Acq: 23 Oct 2019 08:07

Instrument :
BNA_N
ClientSampleId :
BEPAS

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.2	16.1	24.1
227	0.2	0.2	0.2

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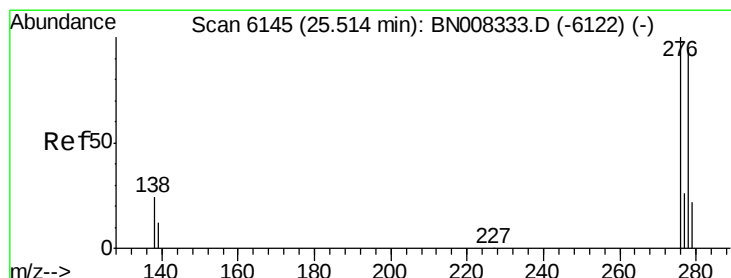
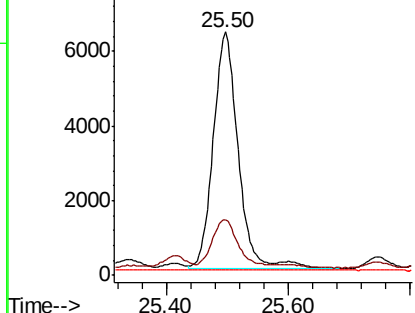
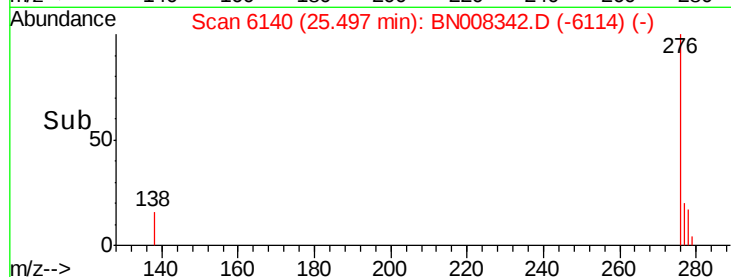


Abundance

Ion 276.00 (275.70 to 276.70): E

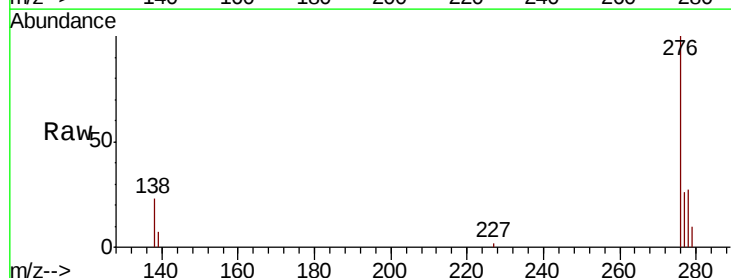
Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25
Dibenzo(a,h)anthracene
Concen: 0.150 ng/ul
RT: 25.50 min Scan# 6141
Delta R.T. -0.02 min
Lab File: BN008342.D
Acq: 23 Oct 2019 08:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	27.8	15.0	22.6#
279	36.5	22.4	33.6#

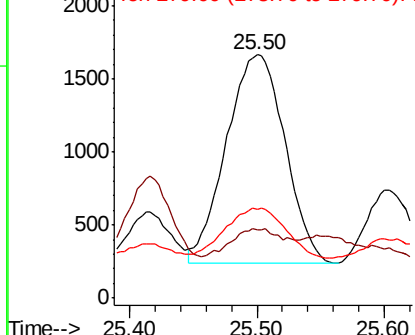
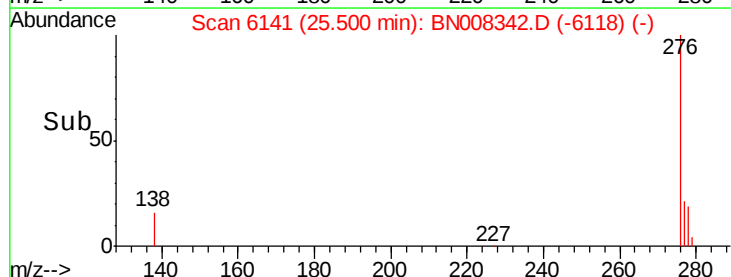


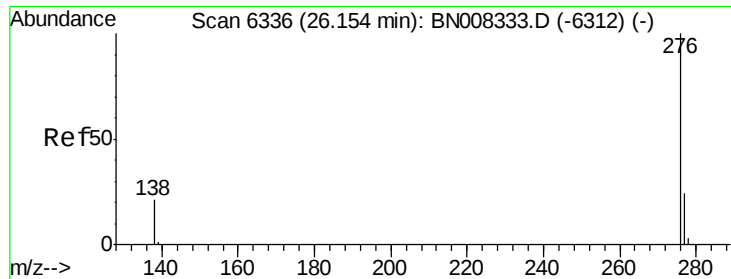
Abundance

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: 0.403 ng/ul
RT: 26.15 min Scan# 6335
Delta R.T. -0.02 min
Lab File: BN008342.D
Acq: 23 Oct 2019 08:07

Instrument :
BNA_N
ClientSampleId :
BEPAS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.3	17.0	25.4
277	25.8	20.4	30.6

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