

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
 Data File : BN008407.D
 Acq On : 25 Oct 2019 02:46
 Operator : JU
 Sample : K5236-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPM4

Manual Integrations
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mohammad
 10/25/2019 8:06:35 AM

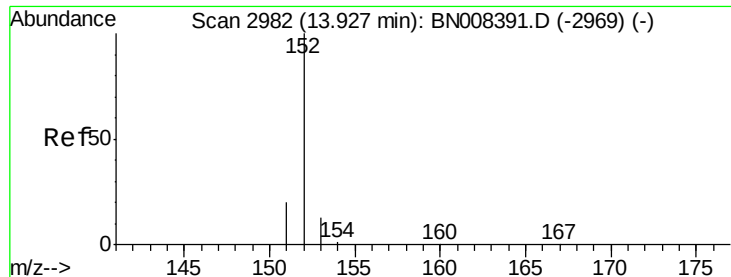
Quant Time: Oct 25 03:48:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 14:07:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1575	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.33	136	7971	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5191	0.40	ng/ul	-0.01
10) Phenanthrene-d10	16.96	188	11644	0.40	ng/ul	-0.02
16) Chrysene-d12	21.17	240	10207	0.40	ng/ul	-0.01
20) Perylene-d12	23.33	264	9419	0.40	ng/ul	-0.02

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	2350	0.17	ng/ul	-0.02
14) Fluoranthene-d10	19.00	212	7596	0.19	ng/ul	-0.02

Target Compounds				Ovalue		
7) Acenaphthylene	13.93	152	767	0.031	ng/ul#	75
12) Phenanthrene	17.00	178	5763	0.169	ng/ul	98
13) Anthracene	17.09	178	922	0.031	ng/ul#	79
15) Fluoranthene	19.03	202	16373	0.364	ng/ul	98
17) Pyrene	19.39	202	15315	0.377	ng/ul	98
18) Benzo(a)anthracene	21.15	228	5996	0.162	ng/ul#	89
19) Chrysene	21.20	228	8578	0.188	ng/ul#	92
21) Benzo(b)fluoranthene	22.69	252	10551m	0.344	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	3027m	0.087	ng/ul	
23) Benzo(a)pyrene	23.24	252	6169	0.191	ng/ul#	54
24) Indeno(1,2,3-cd)pyrene	25.48	276	4516	0.119	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.49	278	850	0.028	ng/ul#	1
26) Benzo(g,h,i)perylene	26.14	276	4663	0.134	ng/ul#	77

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



#7

Acenaphthylene

Concen: 0.031 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. -0.02 min

Lab File: BN008407.D

Acq: 25 Oct 2019 02:46

Instrument :

BNA_N

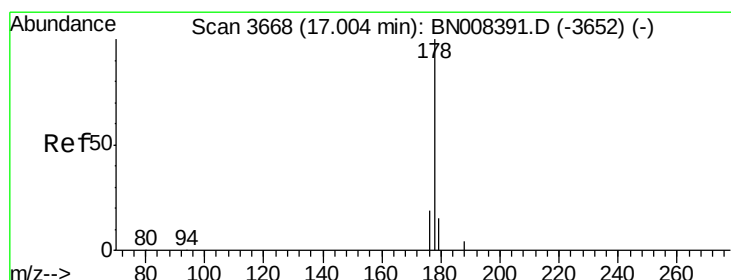
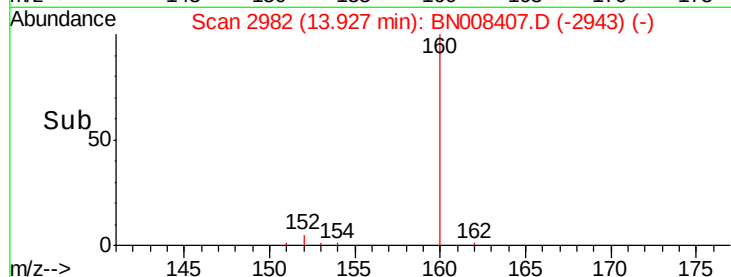
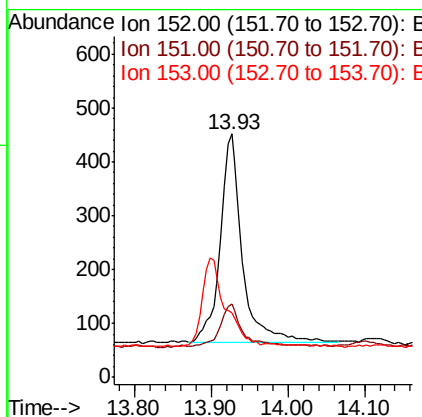
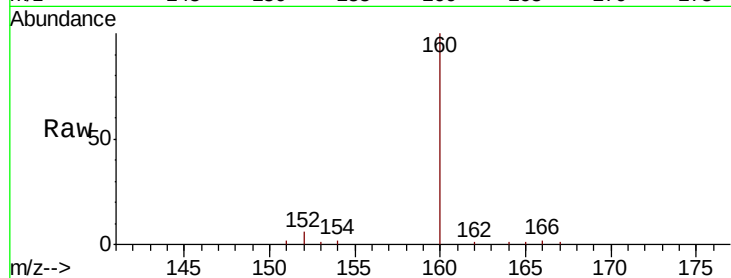
ClientSampleId :

BEPM4

Tot Ion:	152	Resp:	767
Ion Ratio	Lower	Upper	
152	100		
151	29.9	16.2	24.4#
153	26.5	11.0	16.4#

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#12

Phenanthrene

Concen: 0.169 ng/ul

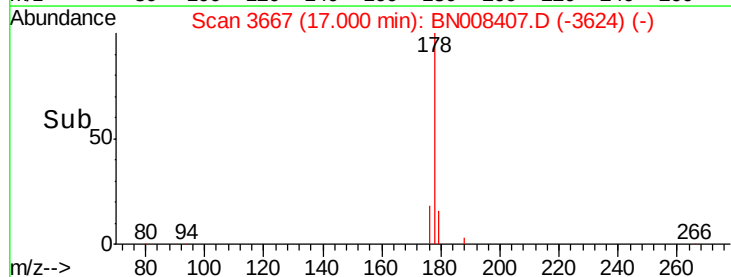
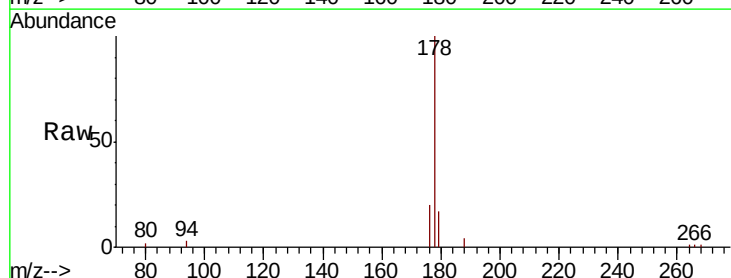
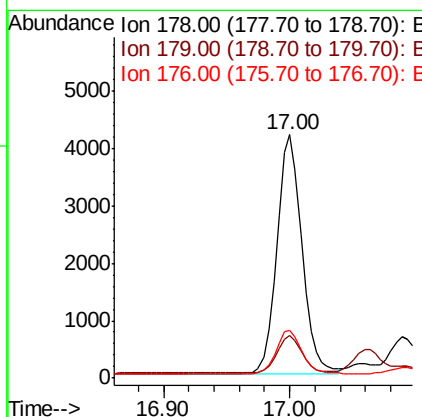
RT: 17.00 min Scan# 3667

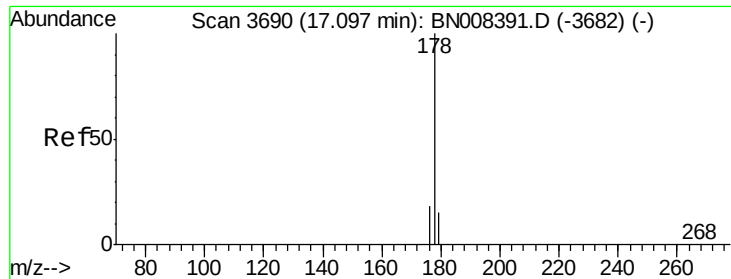
Delta R.T. -0.02 min

Lab File: BN008407.D

Acq: 25 Oct 2019 02:46

Tgt Ion:	178	Resp:	5763
Ion Ratio	Lower	Upper	
178	100		
179	17.4	12.8	19.2
176	19.7	15.4	23.2





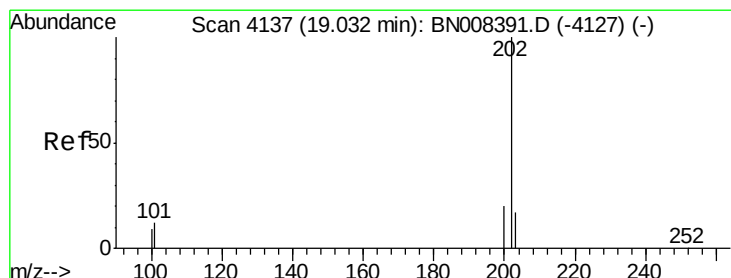
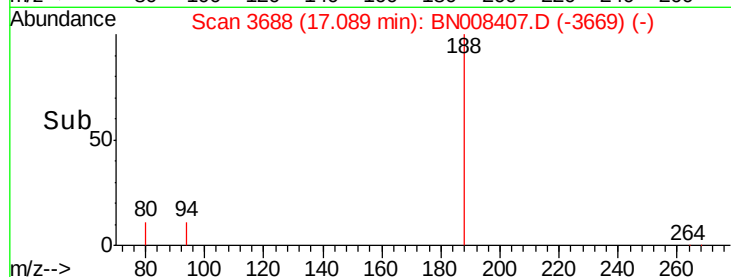
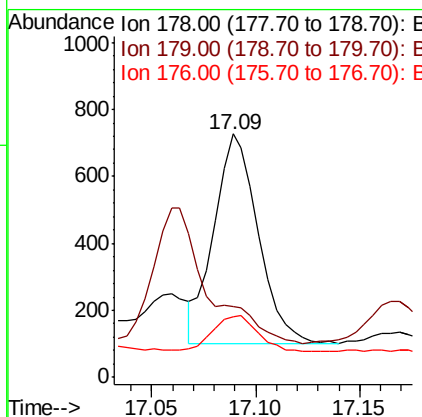
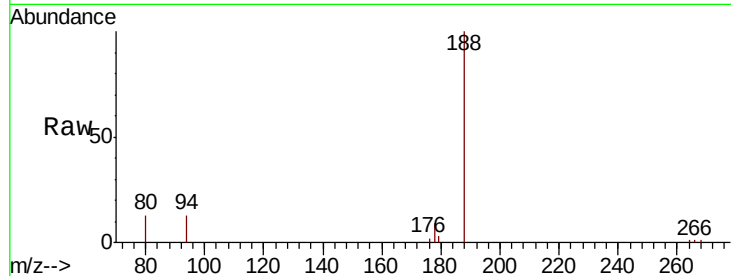
#13
 Anthracene
 Concen: 0.031 ng/ul
 RT: 17.09 min Scan# 3688
 Delta R.T. -0.02 min
 Lab File: BN008407.D
 Acq: 25 Oct 2019 02:46

Instrument :
 BNA_N
 ClientSampleId :
 BEPM4

Tot Ion:178	Resp:	922
Ion Ratio	Lower	Upper
178	100	
179	29.0	13.0 19.6#
176	25.0	15.0 22.6#

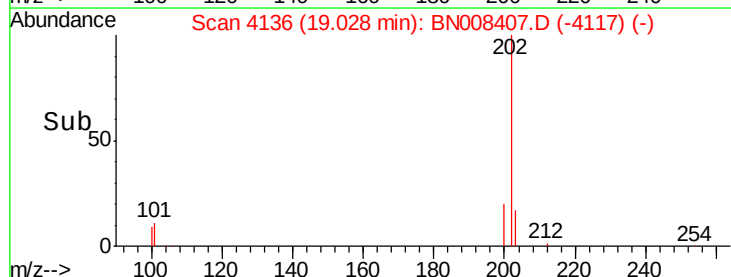
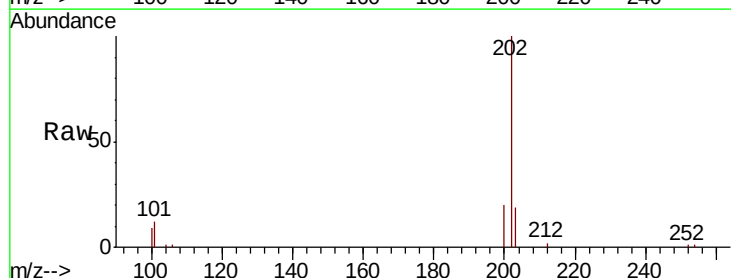
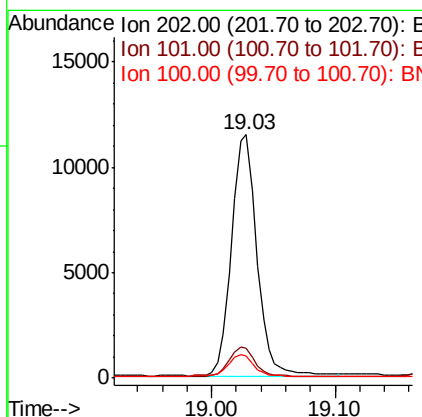
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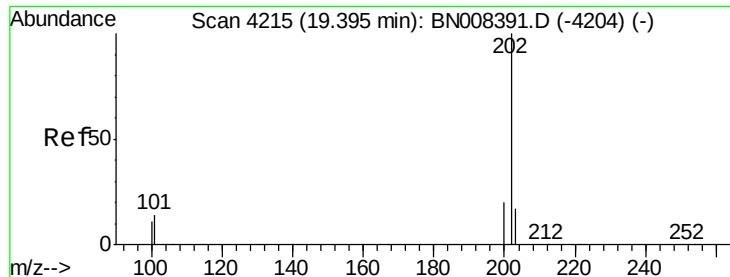
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#15
 Fluoranthene
 Concen: 0.364 ng/ul
 RT: 19.03 min Scan# 4136
 Delta R.T. -0.01 min
 Lab File: BN008407.D
 Acq: 25 Oct 2019 02:46

Tgt Ion:202	Resp:	16373
Ion Ratio	Lower	Upper
202	100	
101	12.0	0.0 31.2
100	9.1	0.0 28.5





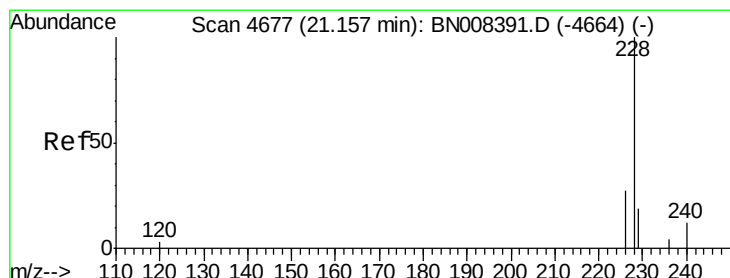
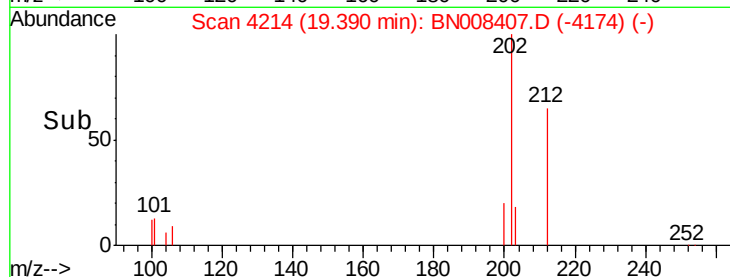
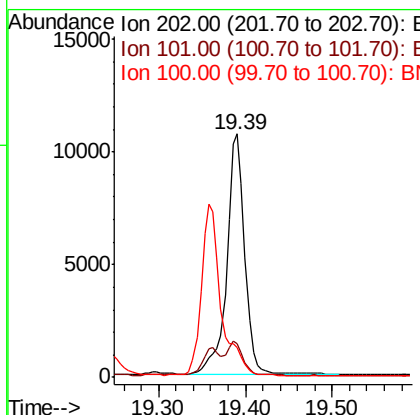
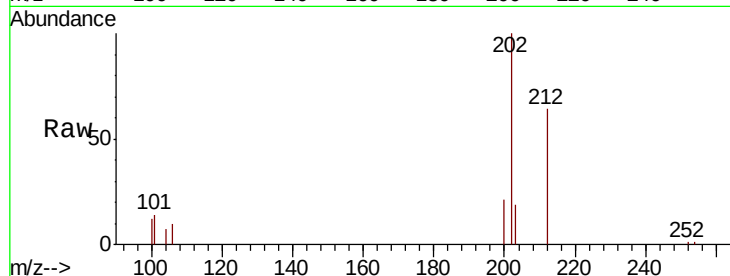
#17
 Pvrene
 Concen: 0.377 ng/ul
 RT: 19.39 min Scan# 4214
 Delta R.T. -0.01 min
 Lab File: BN008407.D
 Acq: 25 Oct 2019 02:46

Instrument :
 BNA_N
 ClientSampleId :
 BEPM4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.1	10.9	16.3
100	12.3	8.7	13.1

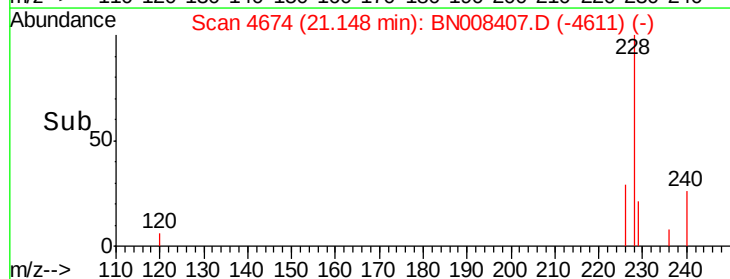
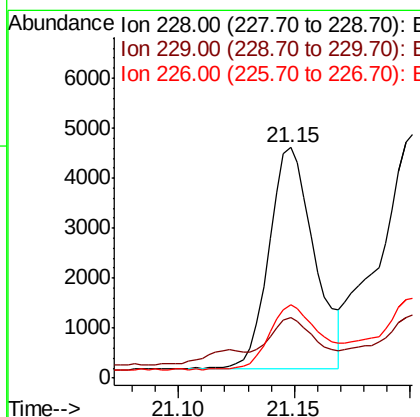
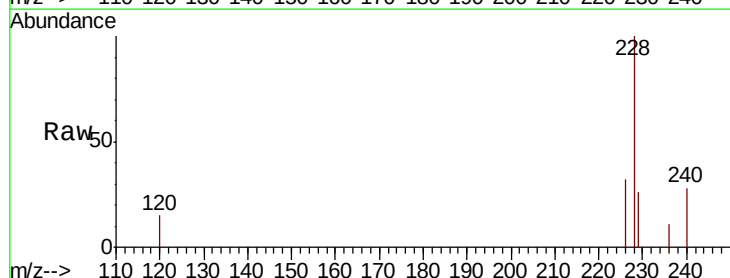
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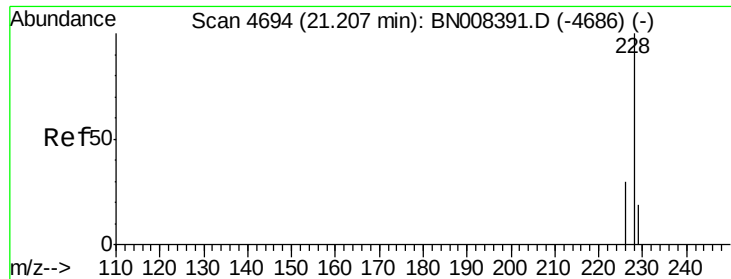
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#18
 Benzo(a)anthracene
 Concen: 0.162 ng/ul
 RT: 21.15 min Scan# 4674
 Delta R.T. -0.02 min
 Lab File: BN008407.D
 Acq: 25 Oct 2019 02:46

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	26.1	16.2	24.2#
226	31.8	21.4	32.0





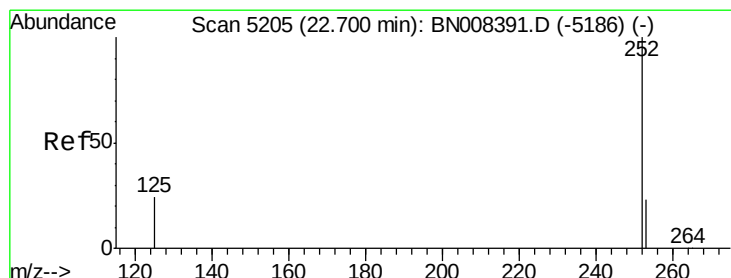
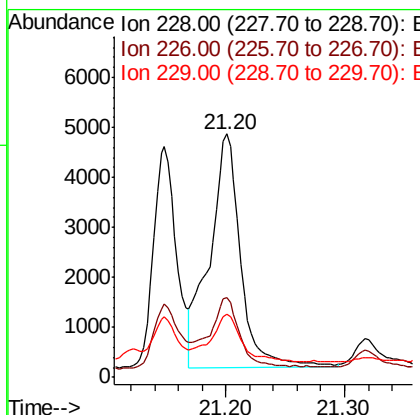
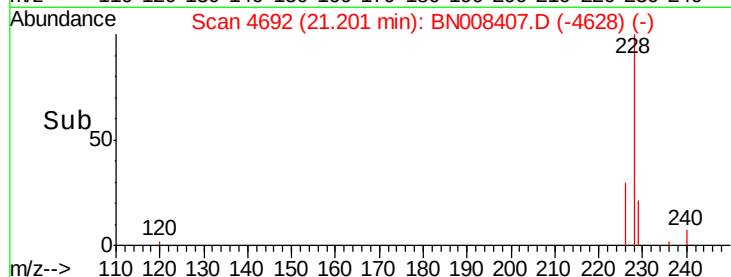
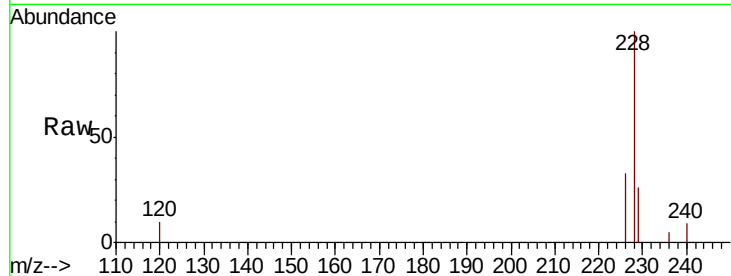
#19
Chrysene
Concen: 0.188 ng/ul
RT: 21.20 min Scan# 4692
Delta R.T. -0.01 min
Lab File: BN008407.D
Acq: 25 Oct 2019 02:46

Instrument :
BNA_N
ClientSampled :
BEP4

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.1	36.1
229	25.8	16.2	24.2

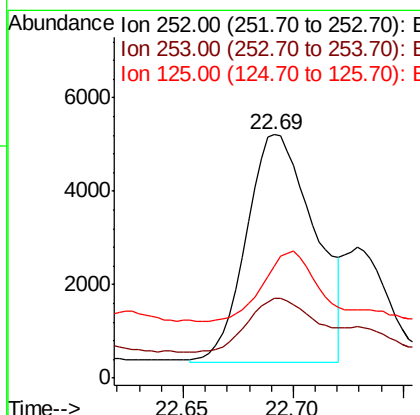
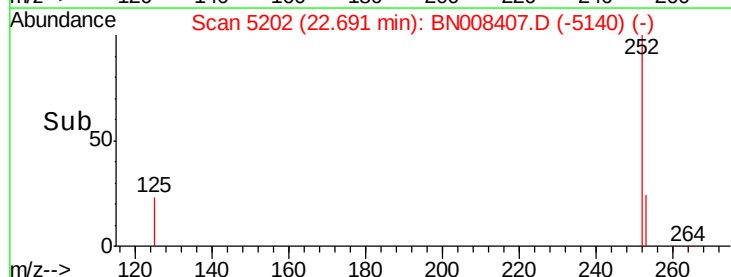
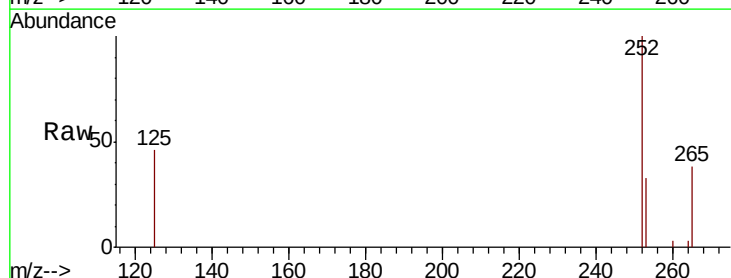
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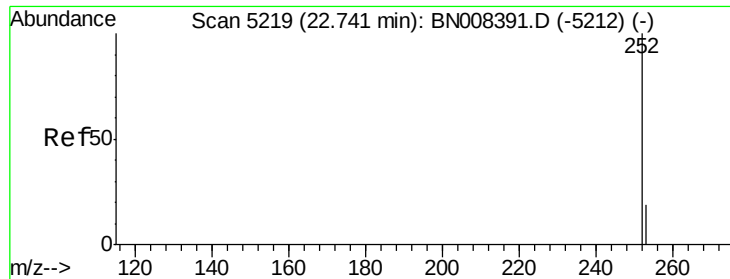
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#21
Benzo(b)fluoranthene
Concen: 0.344 ng/ul m
RT: 22.69 min Scan# 5202
Delta R.T. -0.02 min
Lab File: BN008407.D
Acq: 25 Oct 2019 02:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.7	0.0	53.4
125	46.0	0.0	32.4





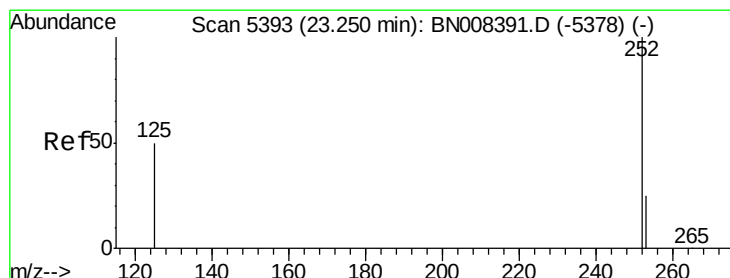
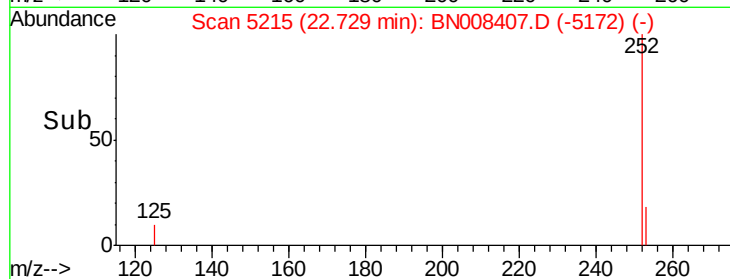
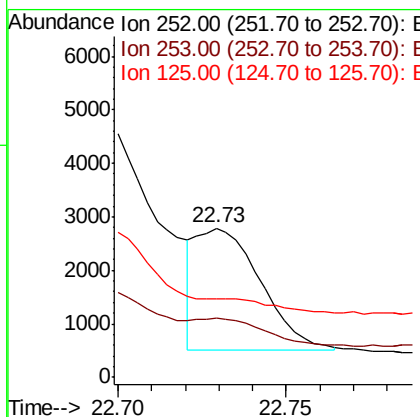
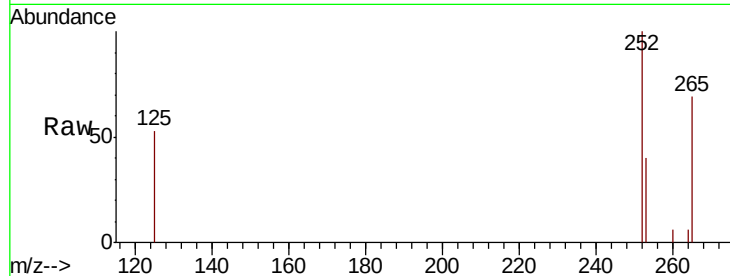
#22
Benzo(k)fluoranthene
Concen: 0.087 ng/ul m
RT: 22.73 min Scan# 5215
Delta R.T. -0.02 min
Lab File: BN008407.D
Acq: 25 Oct 2019 02:46

Instrument :
BNA_N
ClientSampleId :
BEPM4

Tot Ion	Ratio	Lower	Upper
252	100		
253	40.0	21.3	31.9#
125	52.6	12.3	18.5#

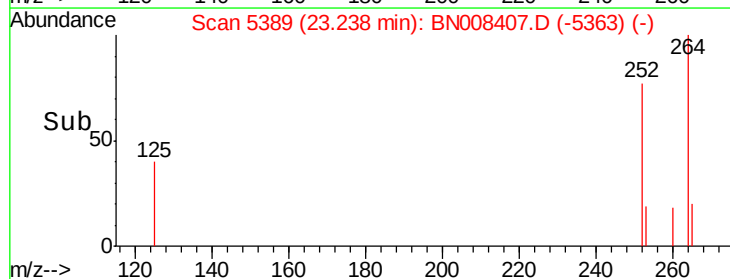
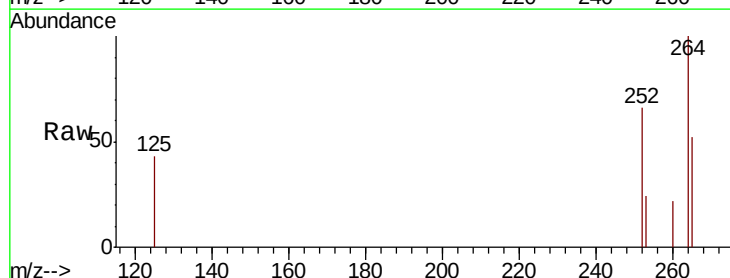
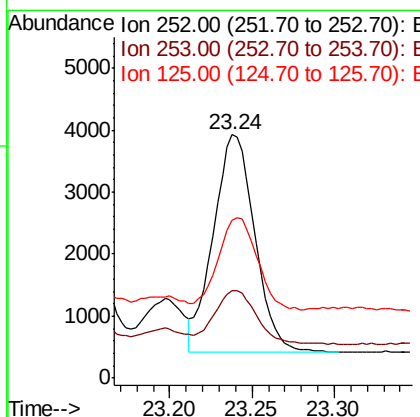
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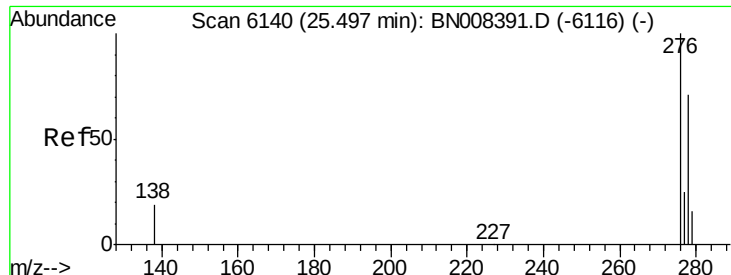
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#23
Benzo(a)pyrene
Concen: 0.191 ng/ul
RT: 23.24 min Scan# 5389
Delta R.T. -0.02 min
Lab File: BN008407.D
Acq: 25 Oct 2019 02:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.2	22.8	34.2#
125	64.7	18.4	27.6#





#24

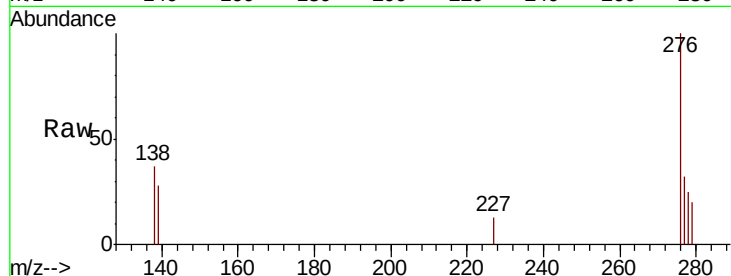
Indeno(1,2,3-cd)pyrene
Concen: 0.119 ng/ul
RT: 25.48 min Scan# 6136
Delta R.T. -0.03 min
Lab File: BN008407.D
Acq: 25 Oct 2019 02:46

Instrument :
BNA_N
ClientSampleId :
BEPM4

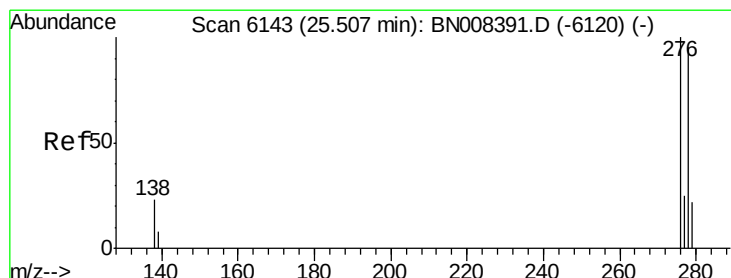
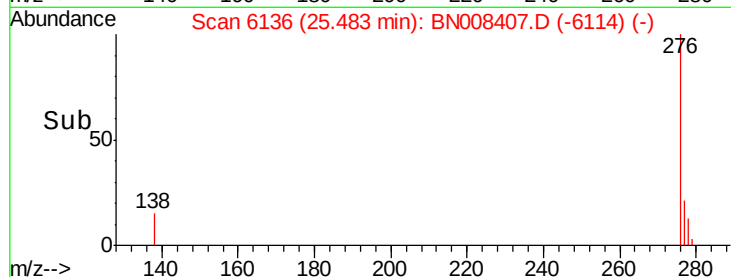
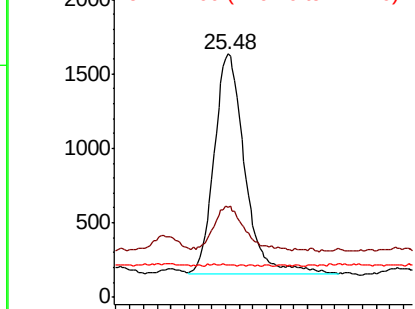
Tot Ion	Ratio	Lower	Upper
276	100		
138	18.4	16.1	24.1
227	0.0	0.2	0.2#

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

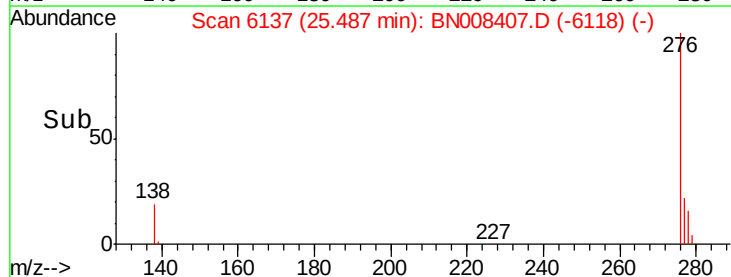
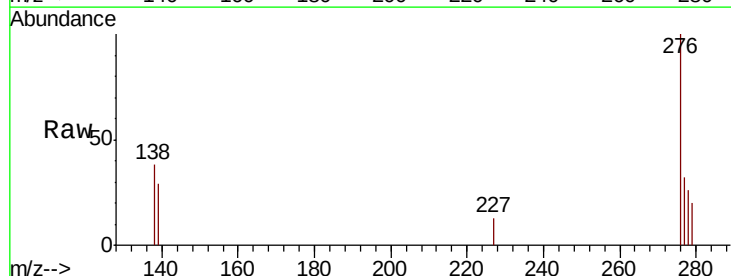
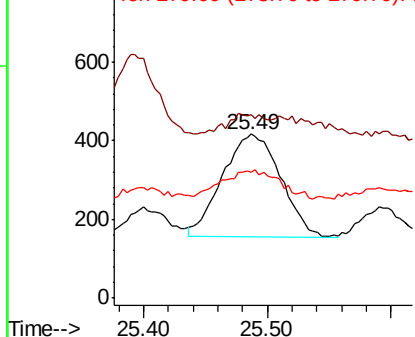


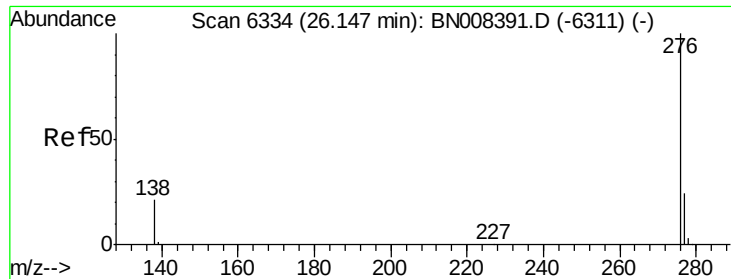
#25

Dibenzo(a,h)anthracene
Concen: 0.028 ng/ul
RT: 25.49 min Scan# 6137
Delta R.T. -0.04 min
Lab File: BN008407.D
Acq: 25 Oct 2019 02:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	111.5	15.0	22.6#
279	77.0	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





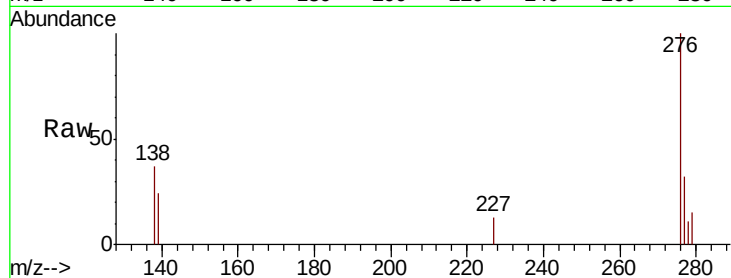
#26
 Benzo(a,h,i)perylene
 Concen: 0.134 ng/ul
 RT: 26.14 min Scan# 6331
 Delta R.T. -0.03 min
 Lab File: BN008407.D
 Acq: 25 Oct 2019 02:46

Instrument :
 BNA_N
 ClientSampleId :
 BEPM4

Tot Ion	Ratio	Lower	Upper
276	100		
138	37.4	17.0	25.4#
277	31.8	20.4	30.6#

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

