

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102419\
 Data File : BN008389.D
 Acq On : 24 Oct 2019 16:01
 Operator : JU
 Sample : K5235-14DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPB4DL

Manual Integrations
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 10/25/2019 8:05:46 AM

Quant Time: Oct 24 16:35:07 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	7.58	152	2178	0.40	ng/ul	0.00
2) Naphthalene-d8	10.34	136	10470	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	6501	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	13769	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	11195	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	9196	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	682	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	2035	0.04	ng/ul	0.00
Target Compounds						
					Qvalue	
3) Naphthalene	10.39	128	1780	0.060	ng/ul#	90
5) 2-Methylnaphthalene	12.02	142	929	0.045	ng/ul	100
7) Acenaphthylene	13.93	152	5306	0.171	ng/ul	98
8) Acenaphthene	14.27	153	2345	0.097	ng/ul	98
9) Fluorene	15.26	166	3152	0.115	ng/ul#	96
12) Phenanthrene	17.00	178	67636	1.678	ng/ul	99
13) Anthracene	17.09	178	14151	0.399	ng/ul	99
15) Fluoranthene	19.03	202	182873	3.435	ng/ul	98
17) Pyrene	19.39	202	199540	4.477	ng/ul	98
18) Benzo(a)anthracene	21.15	228	104874	2.577	ng/ul	98
19) Chrysene	21.20	228	113781	2.278	ng/ul	98
21) Benzo(b)fluoranthene	22.69	252	109210m	3.648	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	39741m	1.172	ng/ul	
23) Benzo(a)pyrene	23.24	252	78700m	2.498	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.48	276	43634	1.176	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.49	278	12131	0.414	ng/ul	94
26) Benzo(g,h,i)perylene	26.14	276	45410	1.335	ng/ul	98

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

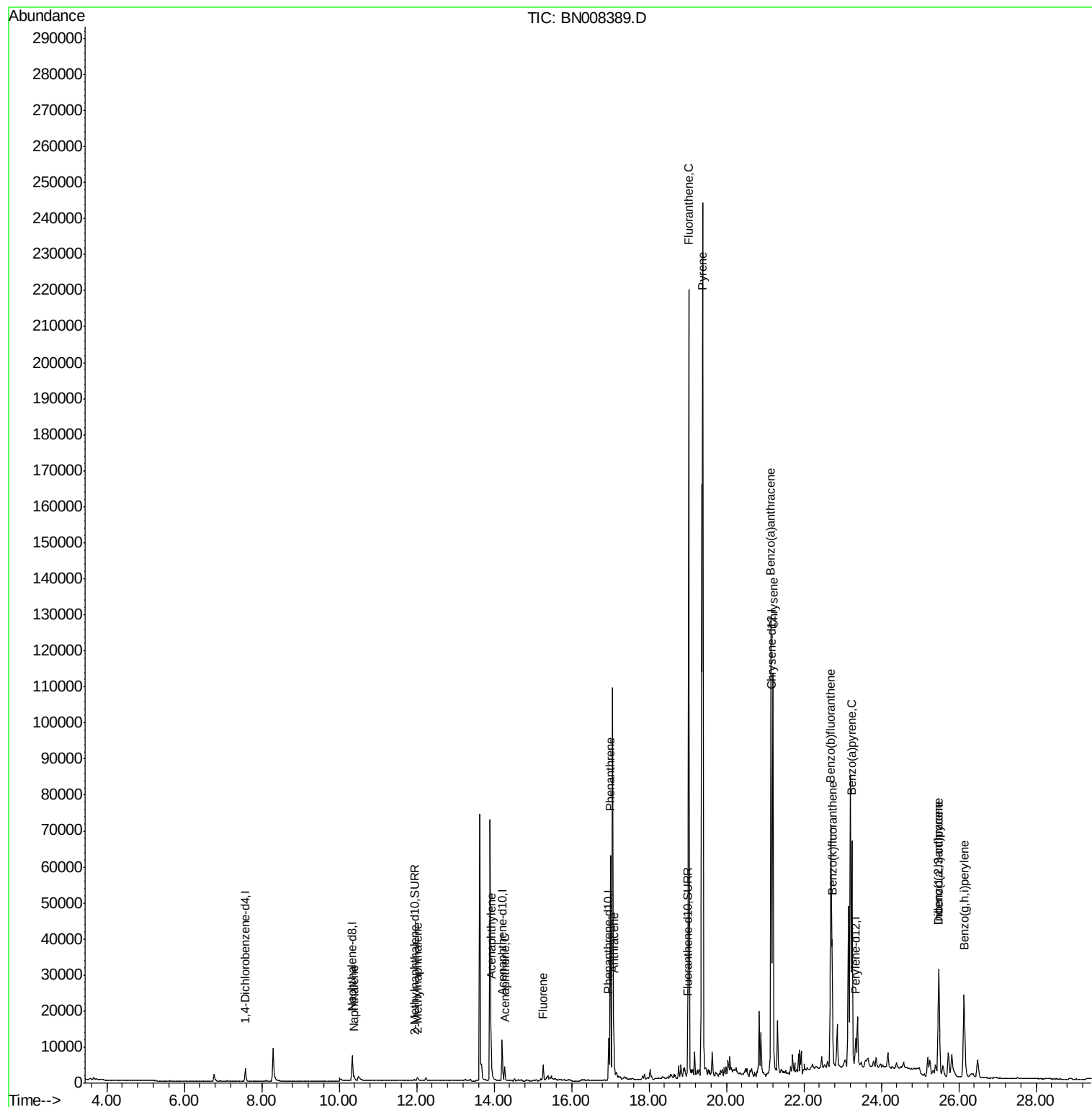
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102419\
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ALS Vial : 13 Sample Multiplier: 1

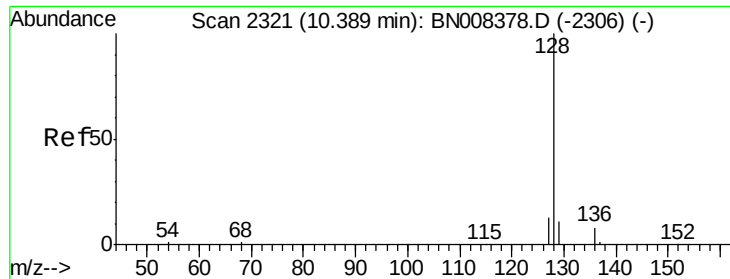
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Thu Oct 24 13:52:48 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.060 ng/ul

RT: 10.39 min Scan# 2321

Delta R.T. -0.00 min

Lab File: BN008389.D

Acq: 24 Oct 2019 16:01

Instrument :

BNA_N

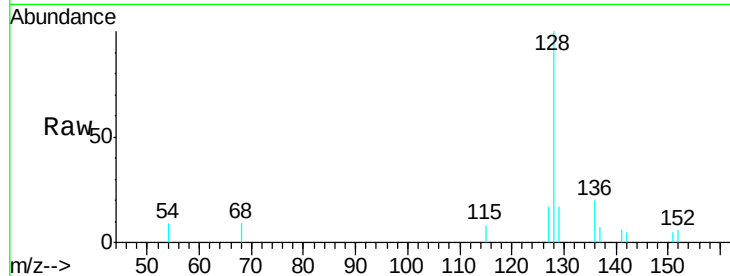
ClientSampleId :

BEPB4DL

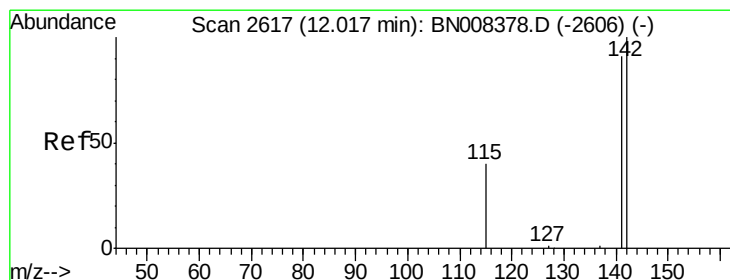
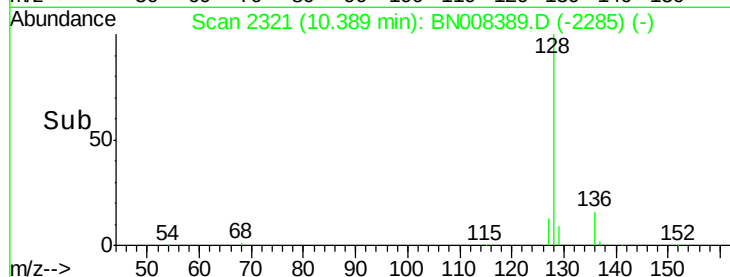
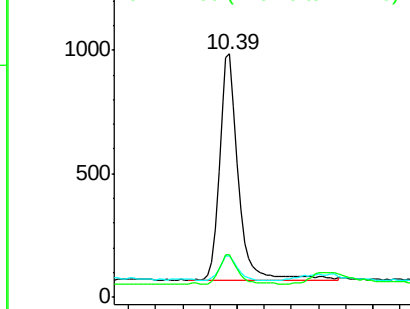
Tgt Ion:	128	Resp:	1780
Ion	Ratio	Lower	Upper
128	100		
129	16.9	9.8	14.8#
127	17.2	11.1	16.7#

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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: 0.045 ng/ul

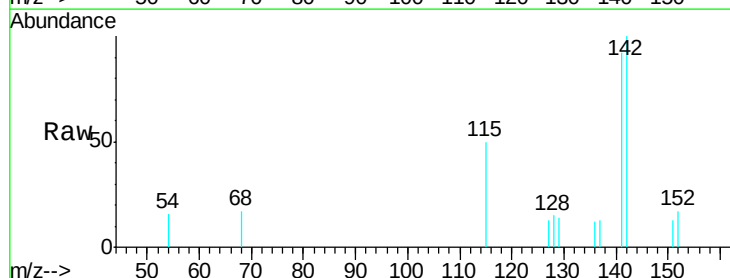
RT: 12.02 min Scan# 2617

Delta R.T. -0.00 min

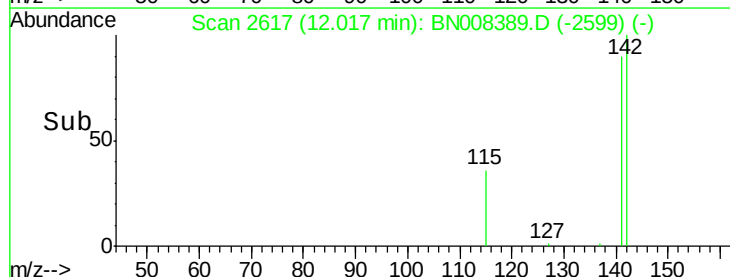
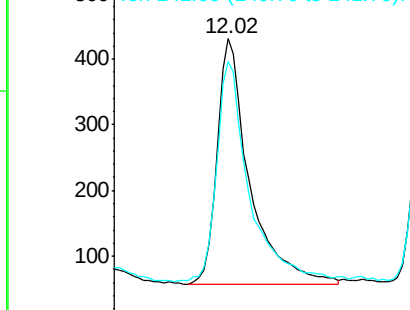
Lab File: BN008389.D

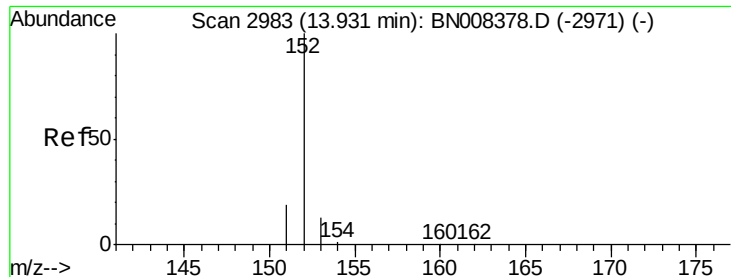
Acq: 24 Oct 2019 16:01

Tgt Ion:	142	Resp:	929
Ion	Ratio	Lower	Upper
142	100		
141	89.7	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: 0.171 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. -0.00 min

Lab File: BN008389.D

Acq: 24 Oct 2019 16:01

Instrument :

BNA_N

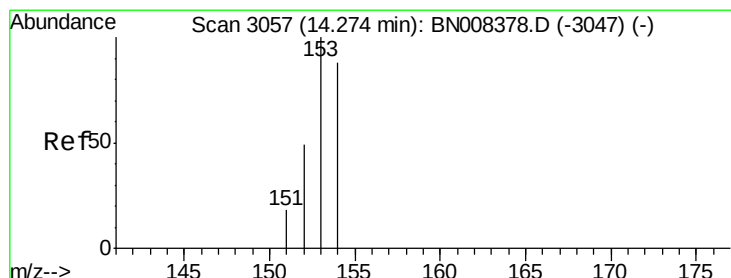
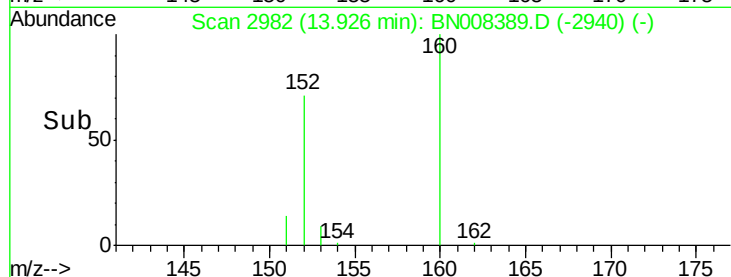
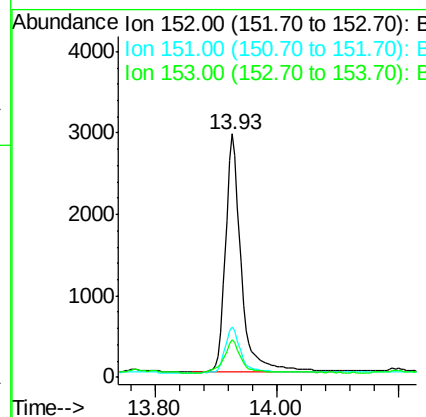
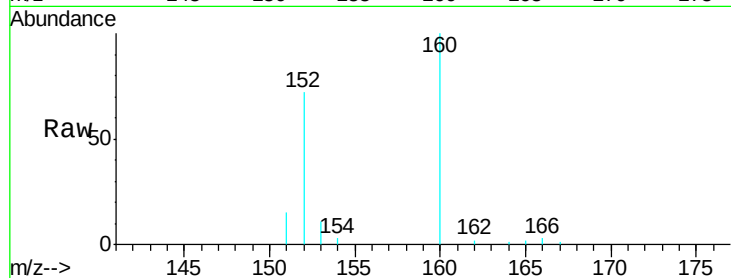
ClientSampleId :

BEPB4DL

Tgt Ion:	152	Resp:	5306
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.2	24.4
153	15.2	11.0	16.4

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#8

Acenaphthene

Concen: 0.097 ng/ul

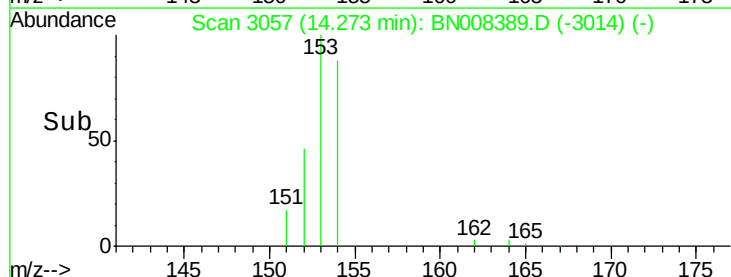
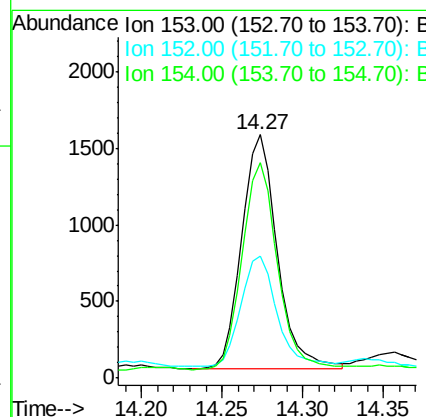
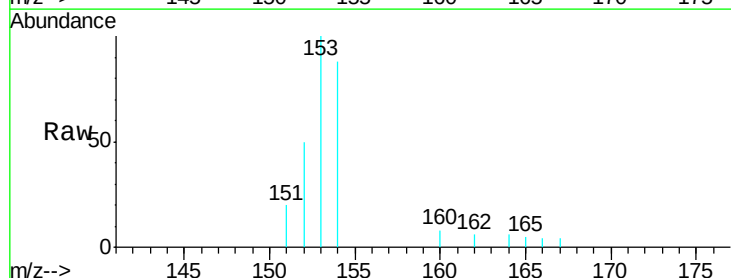
RT: 14.27 min Scan# 3057

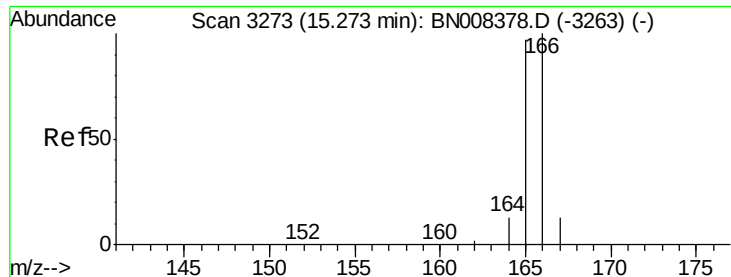
Delta R.T. -0.00 min

Lab File: BN008389.D

Acq: 24 Oct 2019 16:01

Tgt Ion:	153	Resp:	2345
Ion Ratio	Lower	Upper	
153	100		
152	50.0	38.2	57.2
154	88.3	71.8	107.8





#9

Fluorene

Concen: 0.115 ng/ul

RT: 15.26 min Scan# 3271

Delta R.T. -0.01 min

Lab File: BN008389.D

Acq: 24 Oct 2019 16:01

Instrument :

BNA_N

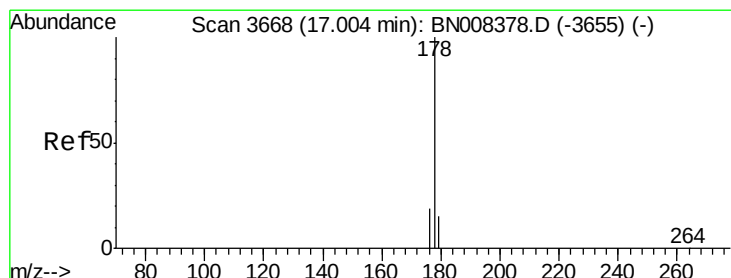
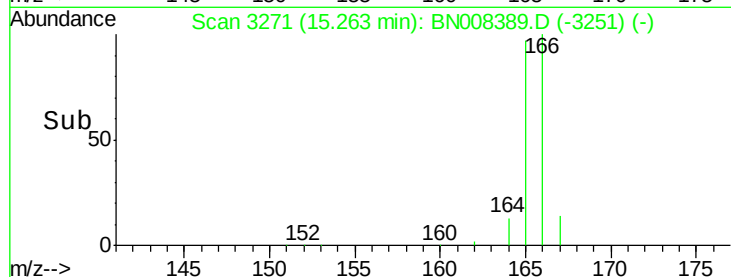
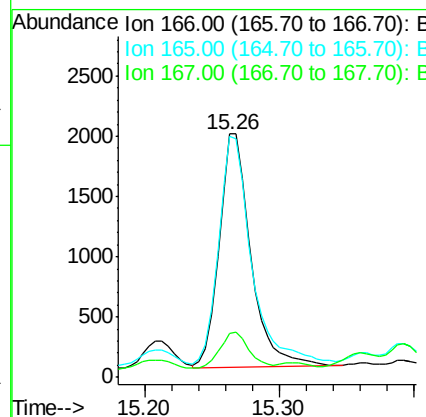
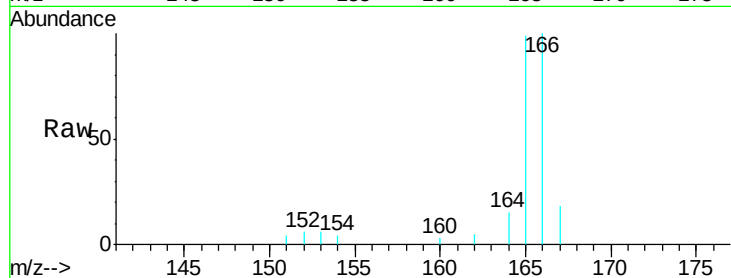
ClientSampleId :

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Tgt Ion:	166	Resp:	3152
Ion Ratio	Lower	Upper	
166	100		
165	99.3	76.6	115.0
167	18.0	11.7	17.5#

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#12

Phenanthrene

Concen: 1.678 ng/ul

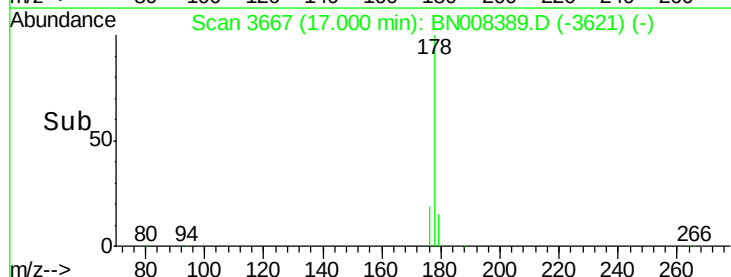
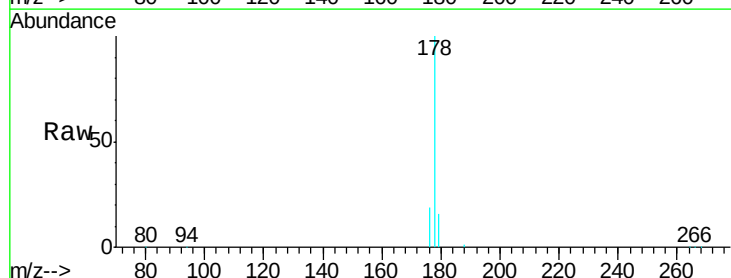
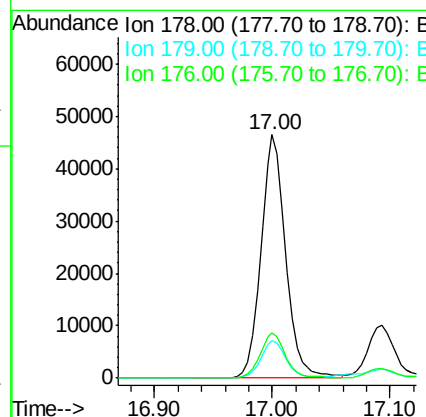
RT: 17.00 min Scan# 3667

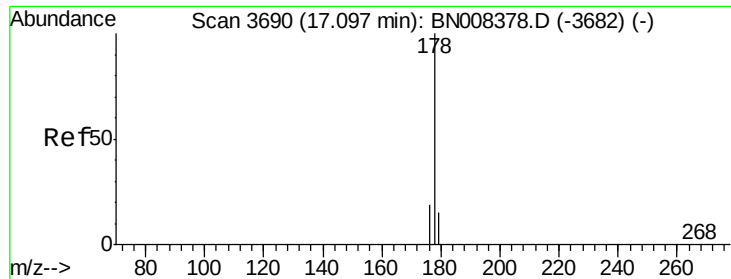
Delta R.T. -0.00 min

Lab File: BN008389.D

Acq: 24 Oct 2019 16:01

Tgt Ion:	178	Resp:	67636
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.8	19.2
176	18.8	15.4	23.2





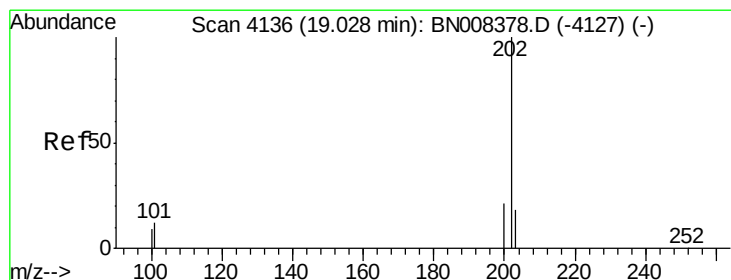
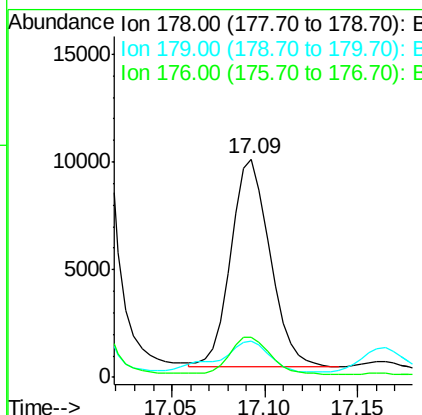
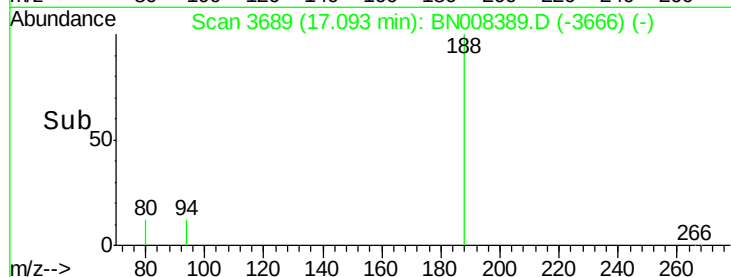
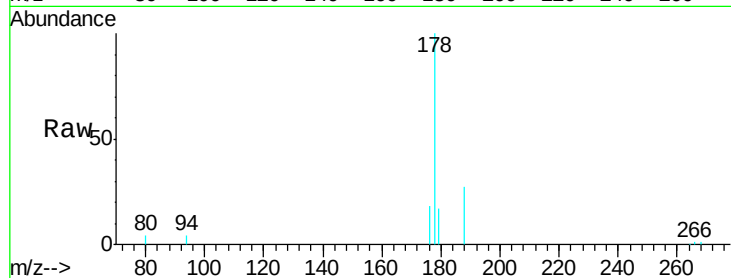
#13
 Anthracene
 Concen: 0.399 ng/ul
 RT: 17.09 min Scan# 3689
 Delta R.T. -0.00 min
 Lab File: BN008389.D
 Acq: 24 Oct 2019 16:01

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.8	13.0	19.6
176	18.4	15.0	22.6

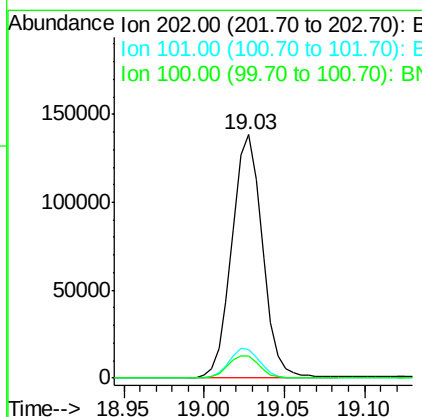
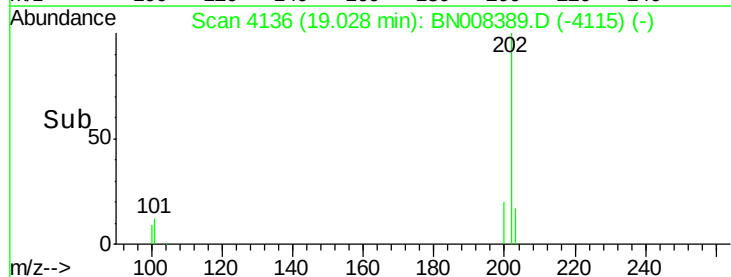
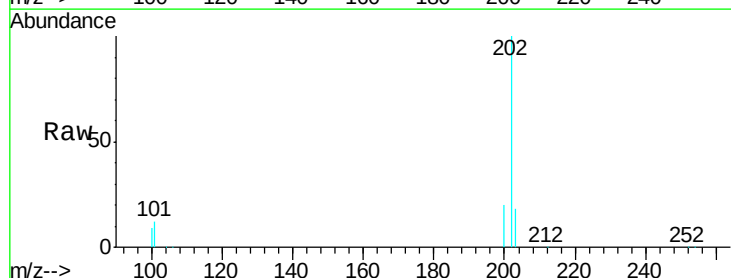
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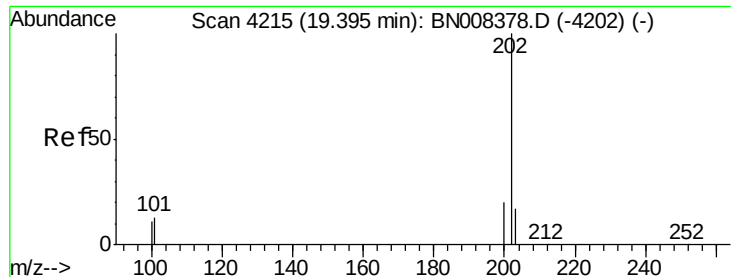
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#15
 Fluoranthene
 Concen: 3.435 ng/ul
 RT: 19.03 min Scan# 4136
 Delta R.T. -0.00 min
 Lab File: BN008389.D
 Acq: 24 Oct 2019 16:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.2
100	9.0	0.0	28.5





#17

Pyrene

Concen: 4.477 ng/ul

RT: 19.39 min Scan# 4214

Delta R.T. -0.00 min

Lab File: BN008389.D

Acq: 24 Oct 2019 16:01

Instrument :

BNA_N

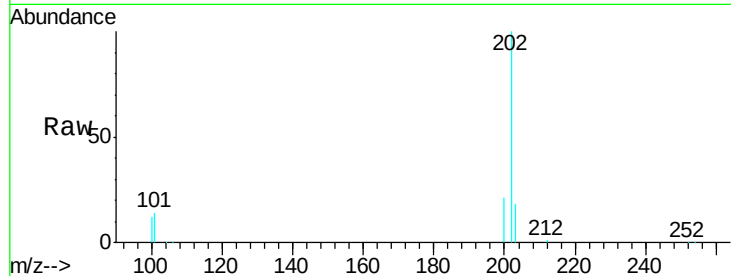
ClientSampleId :

BEPB4DL

Tgt Ion:	202	Resp:	199540
Ion Ratio	Lower	Upper	
202	100		
101	14.3	10.9	16.3
100	11.7	8.7	13.1

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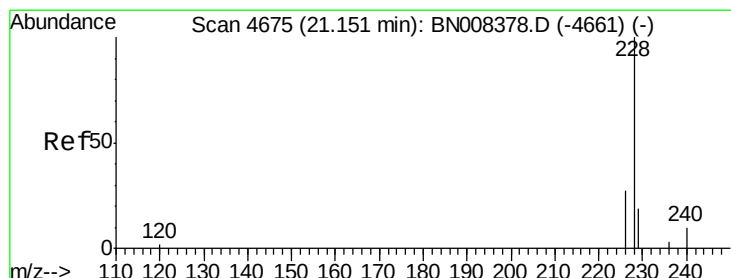
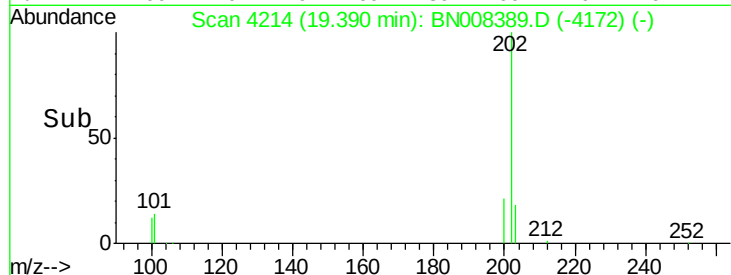
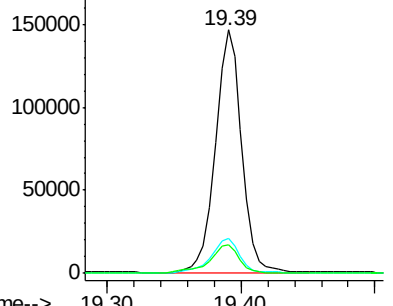
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 2.577 ng/ul

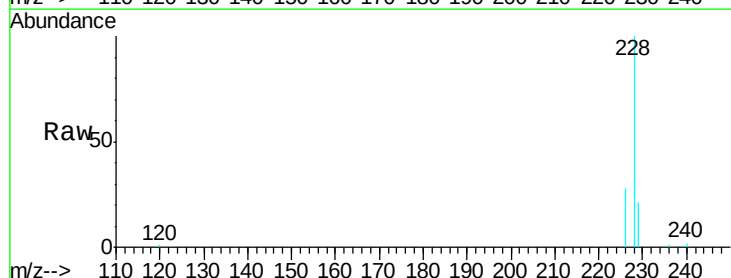
RT: 21.15 min Scan# 4675

Delta R.T. -0.00 min

Lab File: BN008389.D

Acq: 24 Oct 2019 16:01

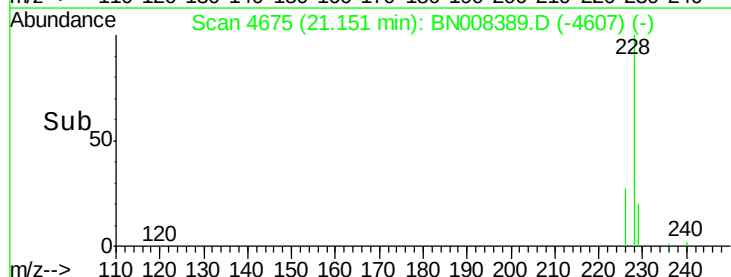
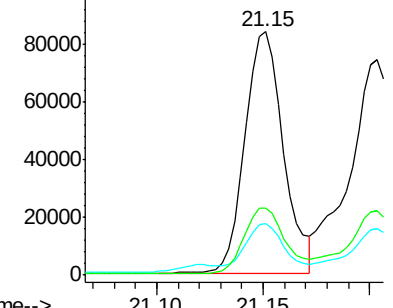
Tgt Ion:	228	Resp:	104874
Ion Ratio	Lower	Upper	
228	100		
229	21.3	16.2	24.2
226	27.6	21.4	32.0

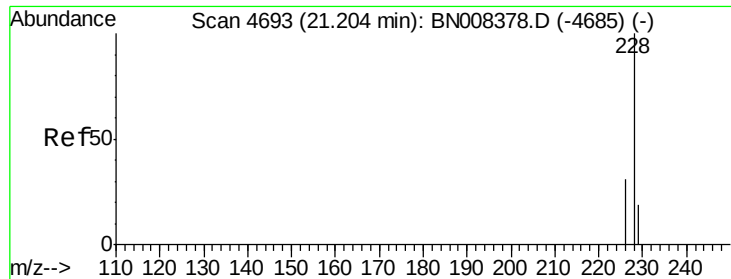


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

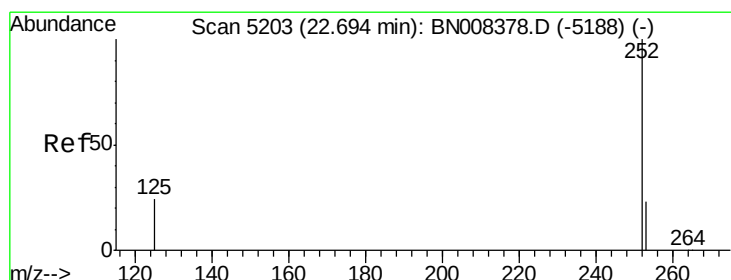
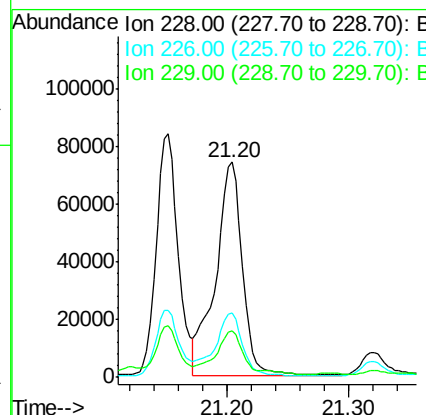
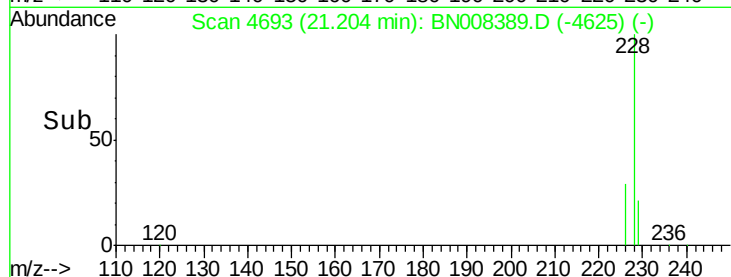
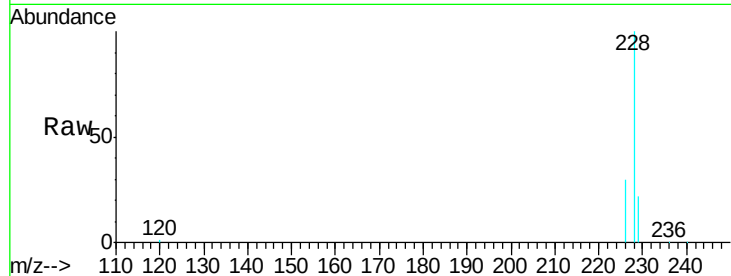
Concen: 2.278 ng/ul
 RT: 21.20 min Scan# 4693
 Delta R.T. -0.00 min
 Lab File: BN008389.D
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Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	21.8	16.2	24.2

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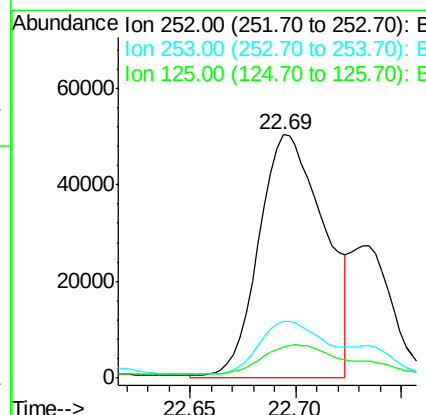
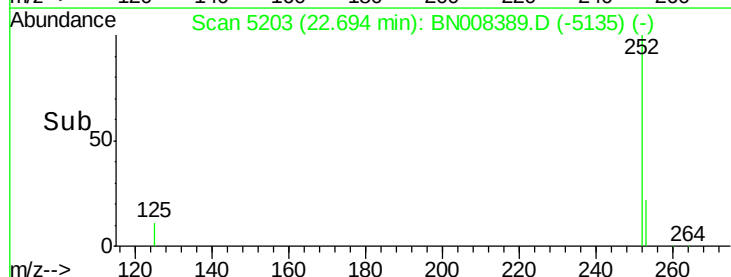
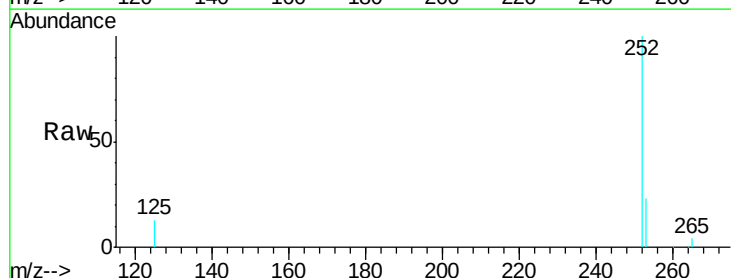


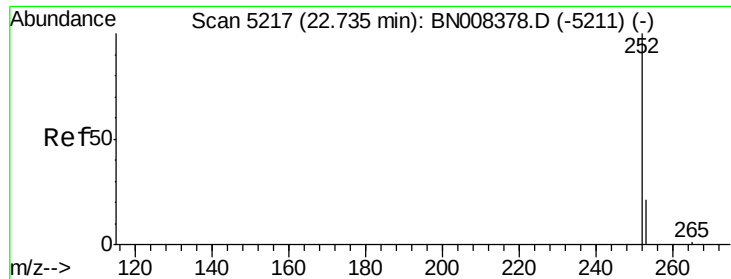
#21

Benzo(b)fluoranthene

Concen: 3.648 ng/ul m
 RT: 22.69 min Scan# 5203
 Delta R.T. -0.00 min
 Lab File: BN008389.D
 Acq: 24 Oct 2019 16:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	53.4
125	12.9	0.0	32.4





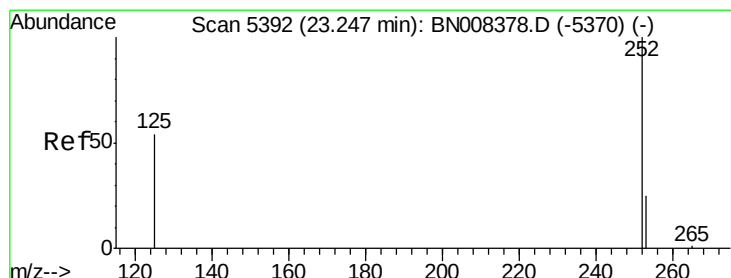
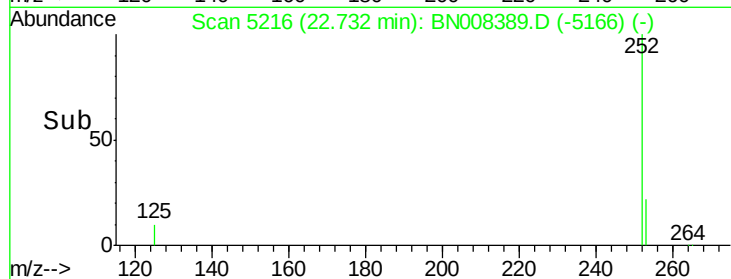
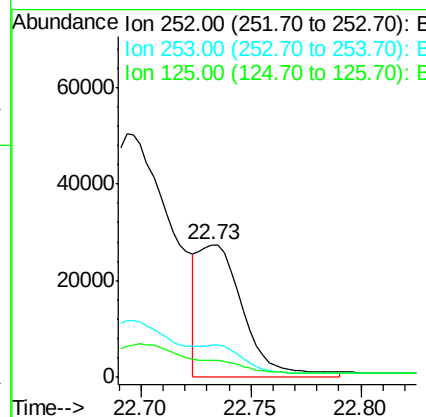
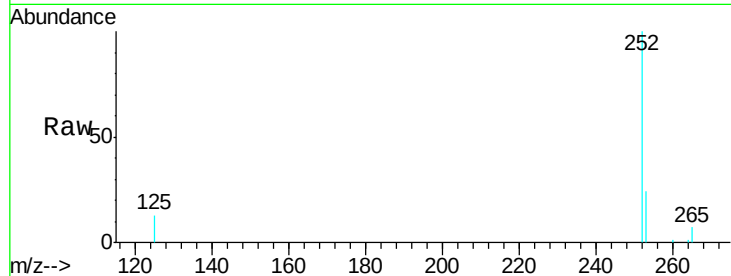
#22
Benzo(k)fluoranthene
Concen: 1.172 ng/ul m
RT: 22.73 min Scan# 5216
Delta R.T. -0.00 min
Lab File: BN008389.D
Acq: 24 Oct 2019 16:01

Instrument :
BNA_N
ClientSampleId :
BEPB4DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	21.3	31.9
125	12.9	12.3	18.5

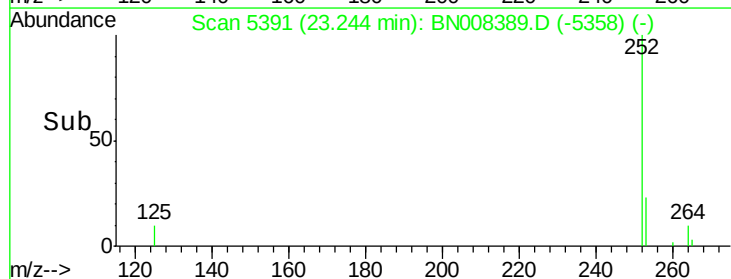
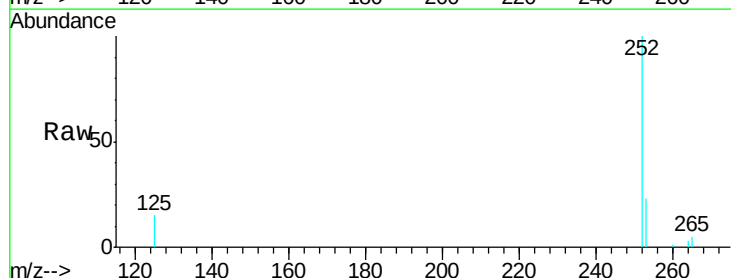
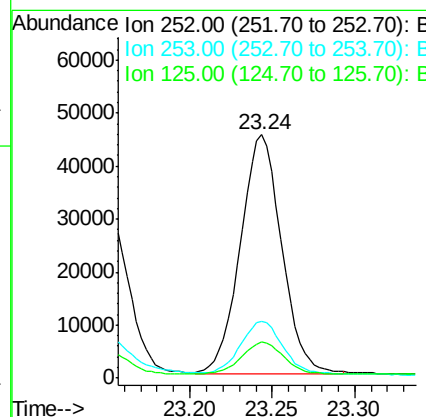
Manual Integrations
APPROVED

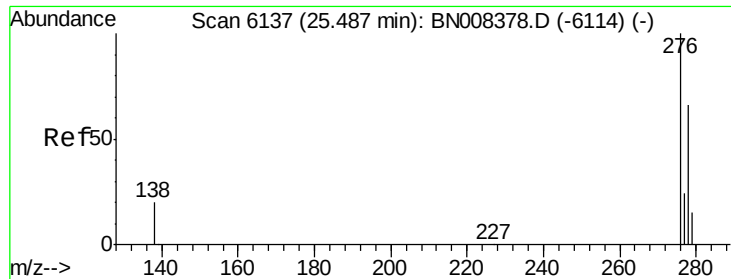
mohammad
10/25/2019 8:05:46 AM



#23
Benzo(a)pyrene
Concen: 2.498 ng/ul m
RT: 23.24 min Scan# 5391
Delta R.T. -0.00 min
Lab File: BN008389.D
Acq: 24 Oct 2019 16:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	22.8	34.2
125	14.7	18.4	27.6#





#24

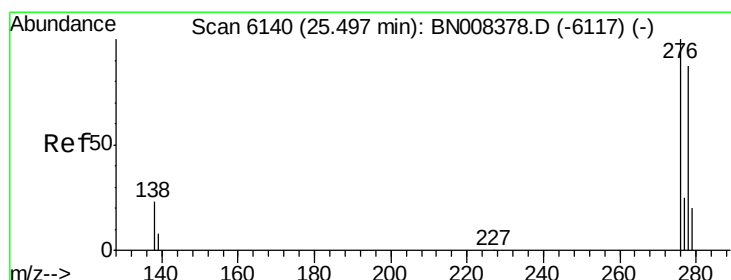
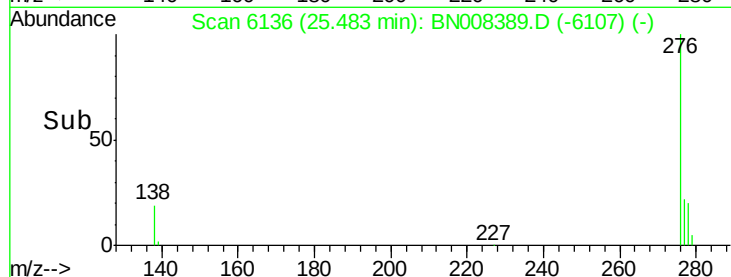
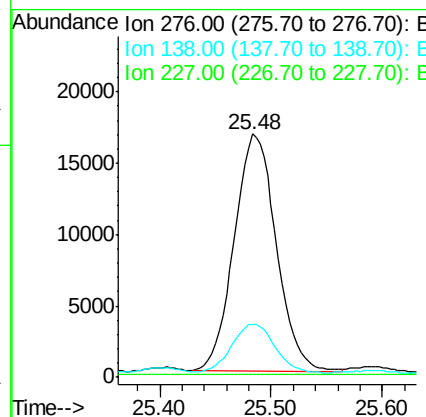
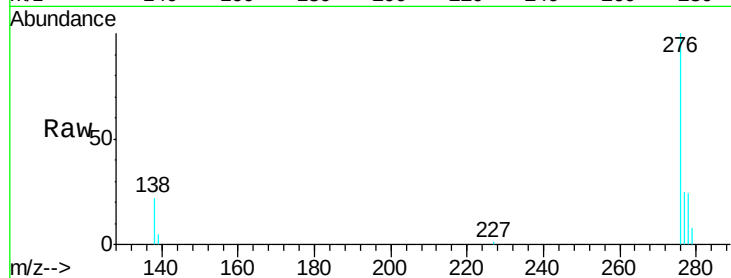
Indeno(1,2,3-cd)pyrene
Concen: 1.176 ng/ul
RT: 25.48 min Scan# 6136
Delta R.T. -0.00 min
Lab File: BN008389.D
Acq: 24 Oct 2019 16:01

Instrument :
BNA_N
ClientSampleId :
BEPB4DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.7	16.1	24.1
227	0.2	0.2	0.2

Manual Integrations
APPROVED

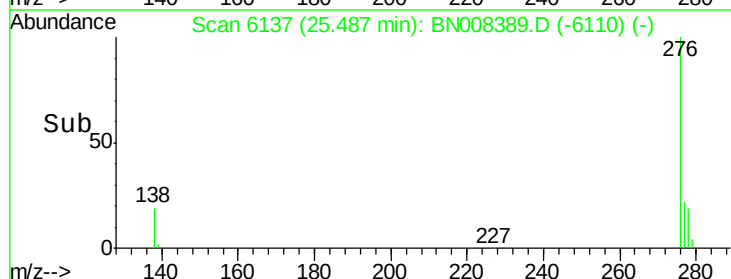
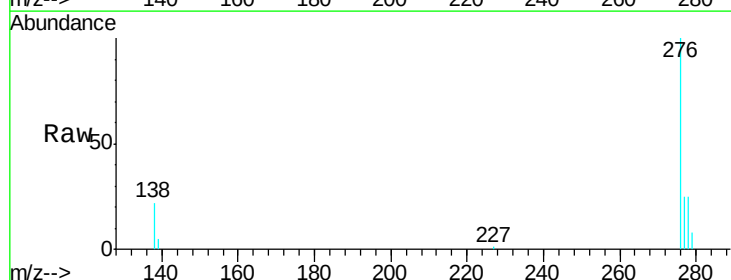
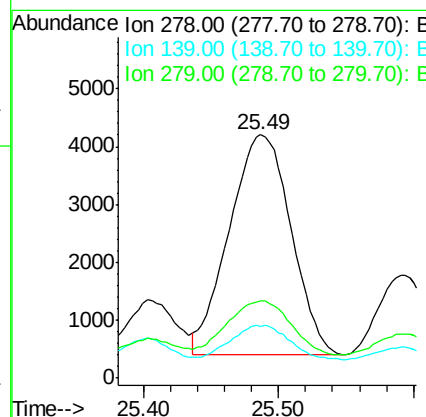
mohammad
10/25/2019 8:05:46 AM

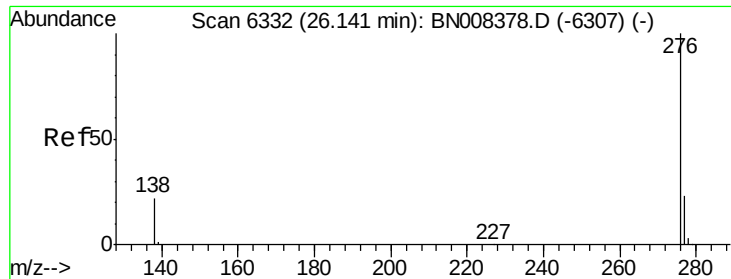


#25

Dibenzo(a,h)anthracene
Concen: 0.414 ng/ul
RT: 25.49 min Scan# 6137
Delta R.T. -0.01 min
Lab File: BN008389.D
Acq: 24 Oct 2019 16:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	15.0	22.6
279	31.6	22.4	33.6





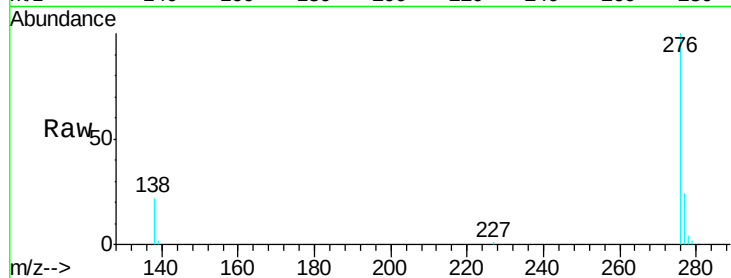
#26
 Benzo(g,h,i)perylene
 Concen: 1.335 ng/ul
 RT: 26.14 min Scan# 6331
 Delta R.T. -0.00 min
 Lab File: BN008389.D
 Acq: 24 Oct 2019 16:01

Instrument :
 BNA_N
 ClientSampleId :
 BEPB4DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.1	17.0	25.4
277	24.5	20.4	30.6

Manual Integrations
 APPROVED

mohammad
 10/25/2019 8:05:46 AM



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

