

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102419\
 Data File : BN008384.D
 Acq On : 24 Oct 2019 13:02
 Operator : JU
 Sample : K5235-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPC4

Manual Integrations
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mohammad
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Quant Time: Oct 24 14:23:57 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	2156	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.33	136	10634	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	6575	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	14408	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	12045	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	10066	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	2616	0.15	ng/ul	-0.01
14) Fluoranthene-d10	18.99	212	8588	0.17	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.38	128	2532	0.084	ng/ul#	94
5) 2-Methylnaphthalene	12.01	142	1437	0.069	ng/ul	98
7) Acenaphthylene	13.93	152	10460	0.334	ng/ul	99
8) Acenaphthene	14.27	153	4023	0.165	ng/ul	98
9) Fluorene	15.26	166	7514	0.272	ng/ul	97
12) Phenanthrene	17.00	178	143797	3.409	ng/ul	99
13) Anthracene	17.09	178	45642	1.230	ng/ul	99
15) Fluoranthene	19.03	202	366702	6.582	ng/ul	99
17) Pyrene	19.39	202	378933	7.901	ng/ul	100
18) Benzo(a)anthracene	21.15	228	229220	5.234	ng/ul	98
19) Chrysene	21.20	228	243711	4.535	ng/ul	99
21) Benzo(b)fluoranthene	22.70	252	232293m	7.089	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	121447m	3.272	ng/ul	
23) Benzo(a)pyrene	23.25	252	171854m	4.984	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.49	276	117781	2.900	ng/ul	97
25) Dibenzo(a,h)anthracene	25.50	278	50736	1.580	ng/ul	97
26) Benzo(g,h,i)perylene	26.14	276	114453	3.073	ng/ul	98

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

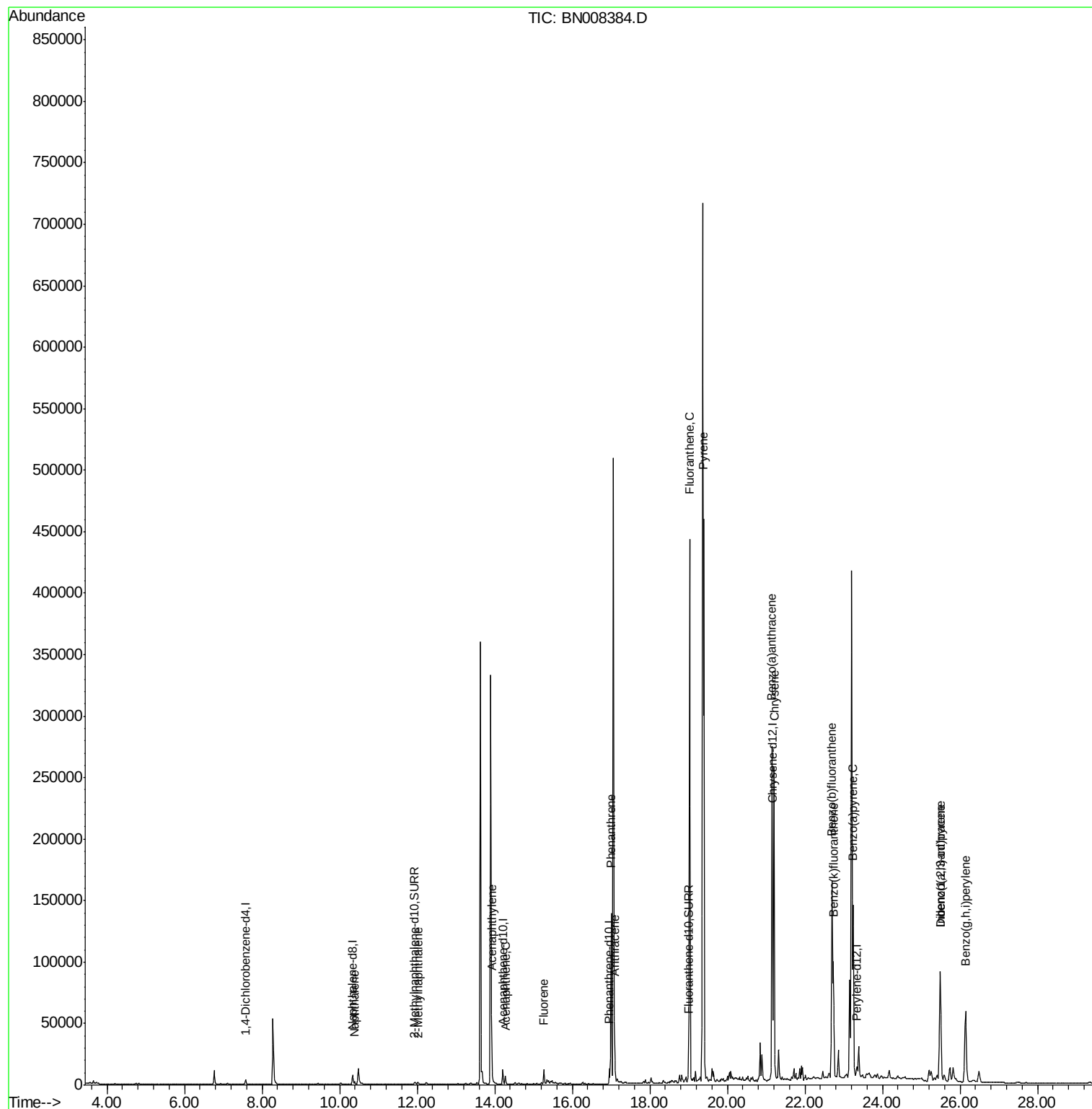
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102419\
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ALS Vial : 8 Sample Multiplier: 1

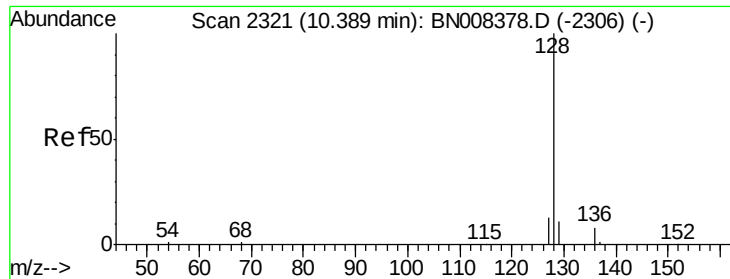
Instrument :
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Quant Time: Oct 24 14:23:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Thu Oct 24 13:52:48 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.084 ng/ul

RT: 10.38 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BN008384.D

Acq: 24 Oct 2019 13:02

Instrument :

BNA_N

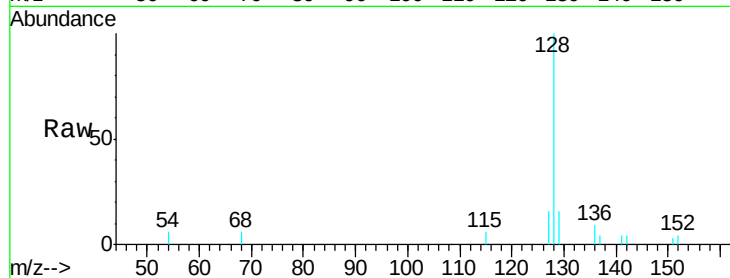
ClientSampleId :

BEPC4

Tgt Ion	Ratio	Lower	Upper
128	100		
129	15.5	9.8	14.8#
127	15.8	11.1	16.7

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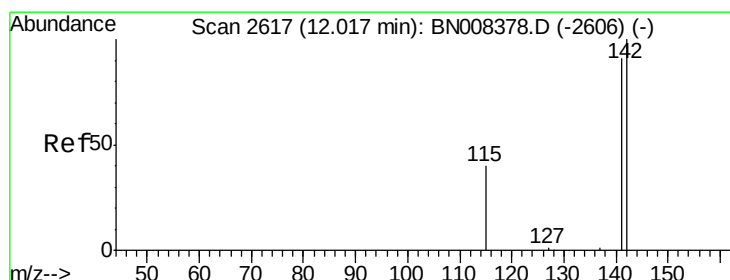
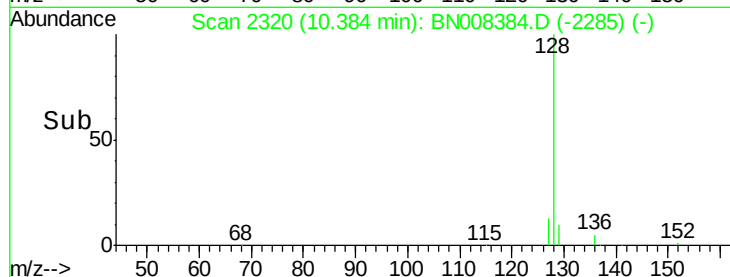
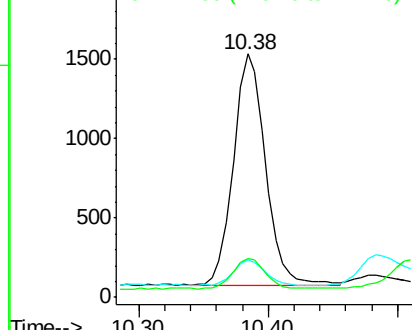


Abundance

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: 0.069 ng/ul

RT: 12.01 min Scan# 2616

Delta R.T. -0.01 min

Lab File: BN008384.D

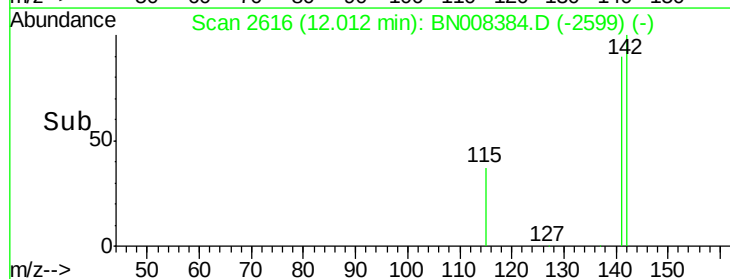
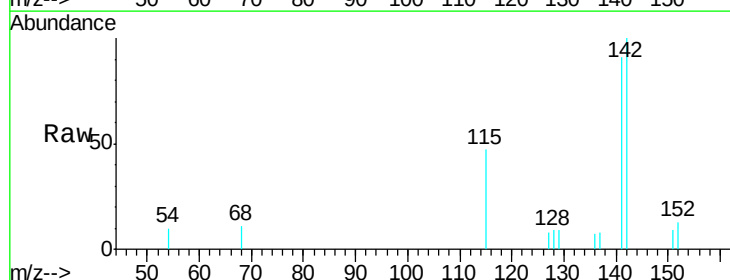
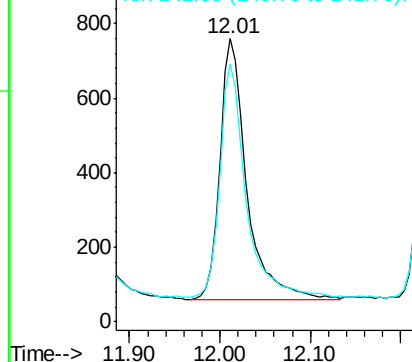
Acq: 24 Oct 2019 13:02

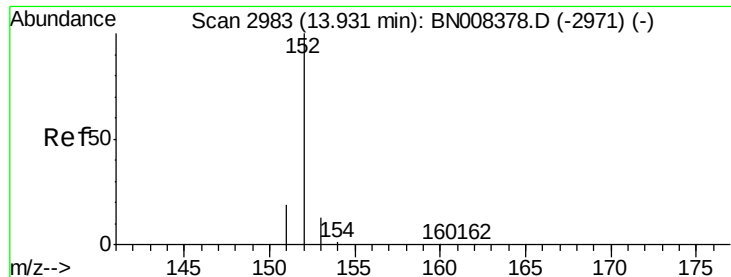
Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.3	71.4	107.2

Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.334 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. -0.01 min

Lab File: BN008384.D

Acq: 24 Oct 2019 13:02

Instrument :

BNA_N

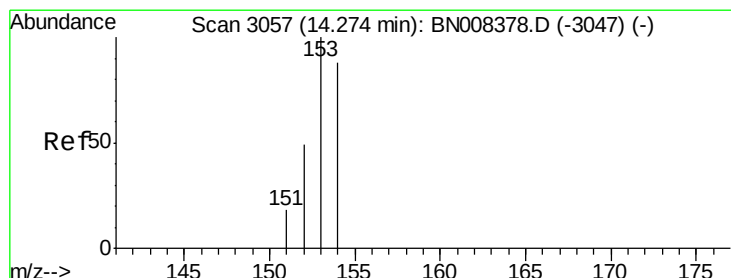
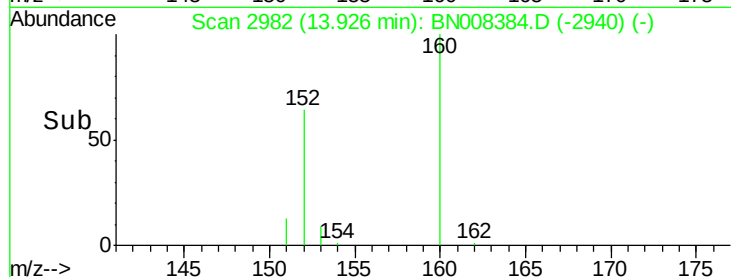
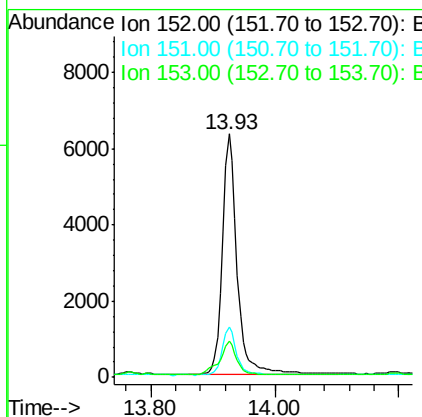
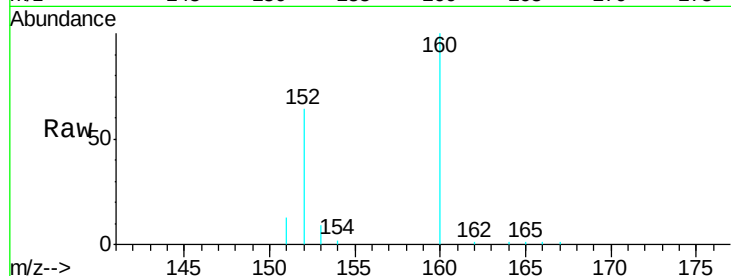
ClientSampleId :

BEPC4

Tgt Ion:	152	Resp:	10460
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.2	24.4
153	14.7	11.0	16.4

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#8

Acenaphthene

Concen: 0.165 ng/ul

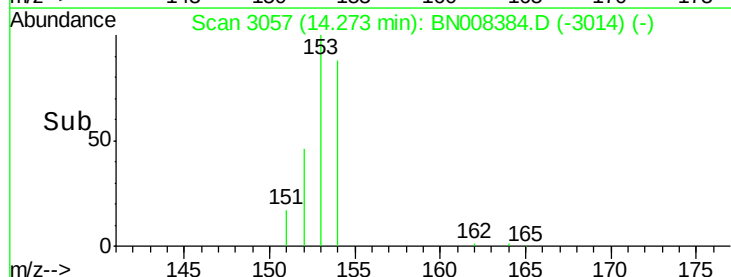
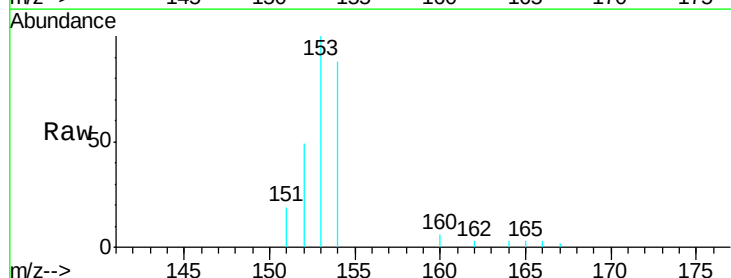
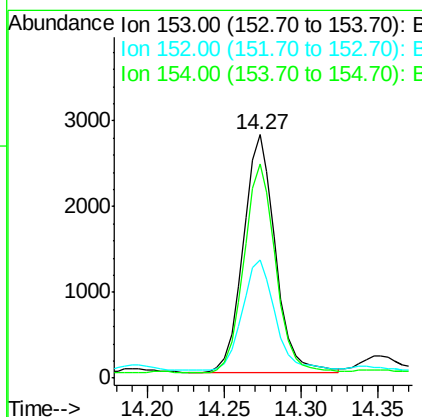
RT: 14.27 min Scan# 3057

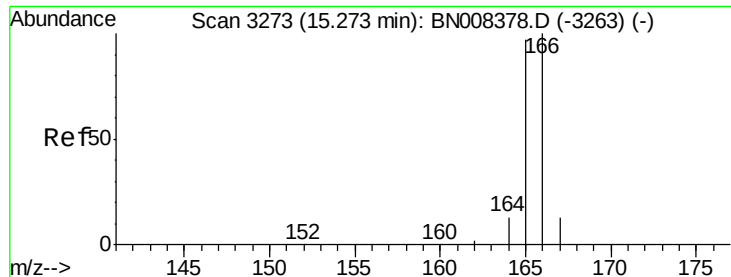
Delta R.T. -0.00 min

Lab File: BN008384.D

Acq: 24 Oct 2019 13:02

Tgt Ion:	153	Resp:	4023
Ion Ratio	Lower	Upper	
153	100		
152	48.8	38.2	57.2
154	88.0	71.8	107.8





#9

Fluorene

Concen: 0.272 ng/ul

RT: 15.26 min Scan# 3271

Delta R.T. -0.01 min

Lab File: BN008384.D

Acq: 24 Oct 2019 13:02

Instrument :

BNA_N

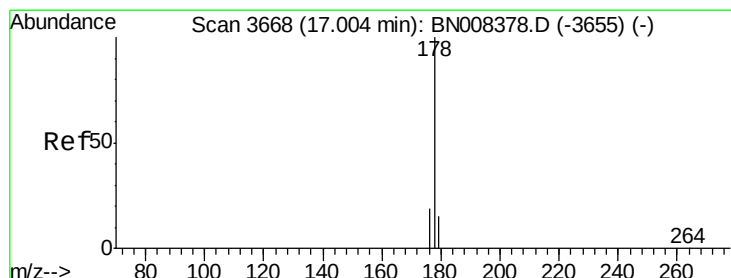
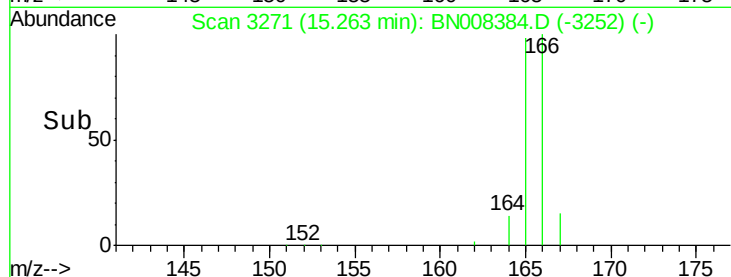
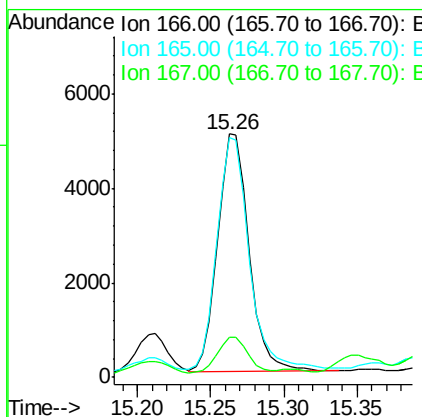
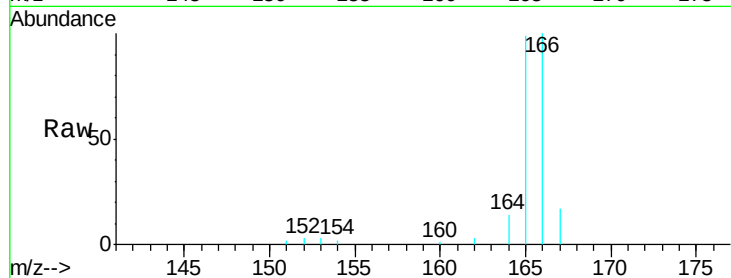
ClientSampleId :

BEPC4

Tgt Ion:	166	Resp:	7514
Ion Ratio	Lower	Upper	
166	100		
165	98.6	76.6	115.0
167	16.7	11.7	17.5

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#12

Phenanthrene

Concen: 3.409 ng/ul

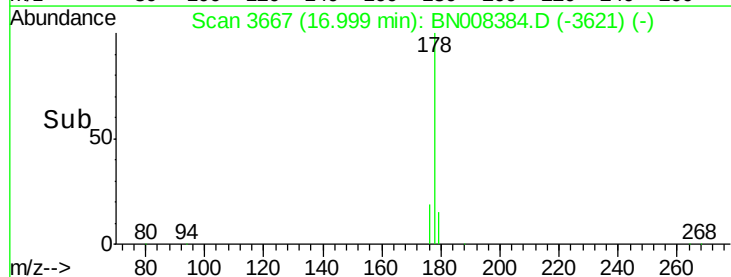
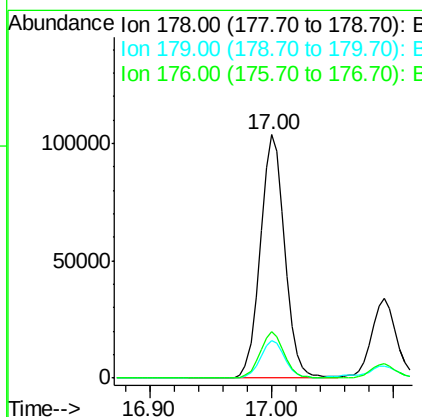
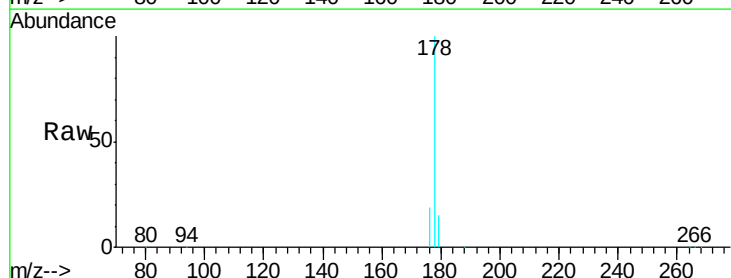
RT: 17.00 min Scan# 3667

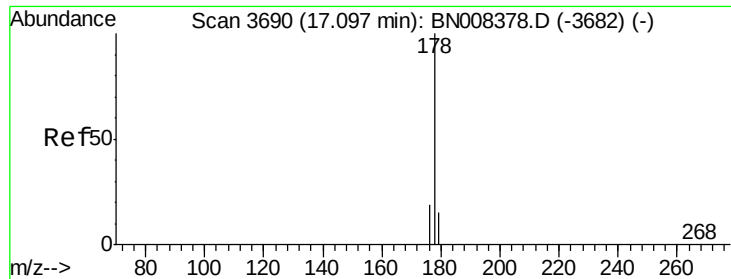
Delta R.T. -0.00 min

Lab File: BN008384.D

Acq: 24 Oct 2019 13:02

Tgt Ion:	178	Resp:	143797
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.8	19.2
176	18.9	15.4	23.2





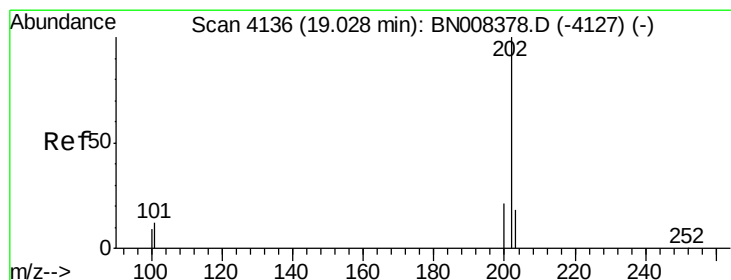
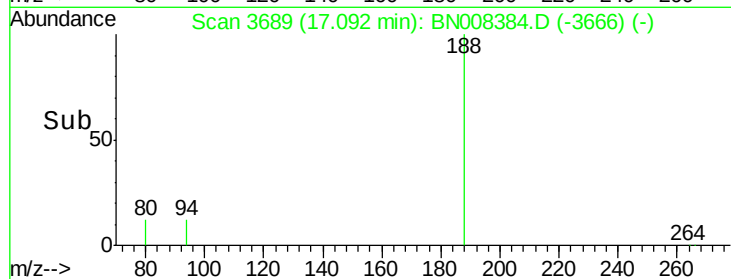
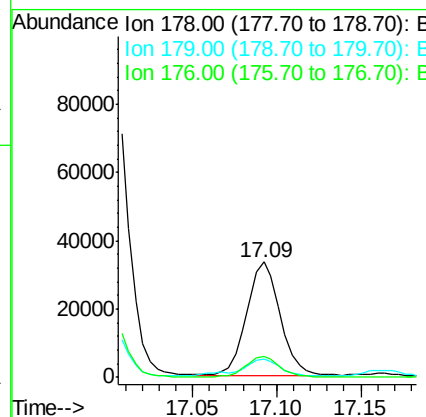
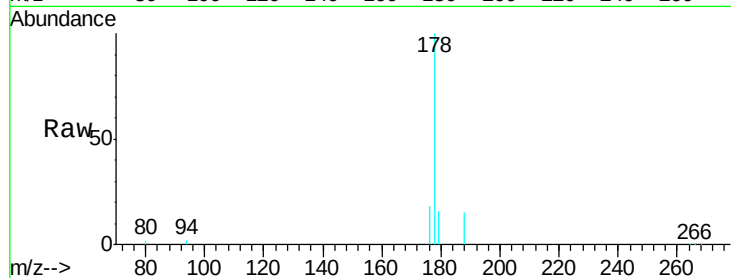
#13
 Anthracene
 Concen: 1.230 ng/ul
 RT: 17.09 min Scan# 3689
 Delta R.T. -0.00 min
 Lab File: BN008384.D
 Acq: 24 Oct 2019 13:02

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:178 Resp: 45642
 Ion Ratio Lower Upper
 178 100
 179 15.7 13.0 19.6
 176 18.3 15.0 22.6

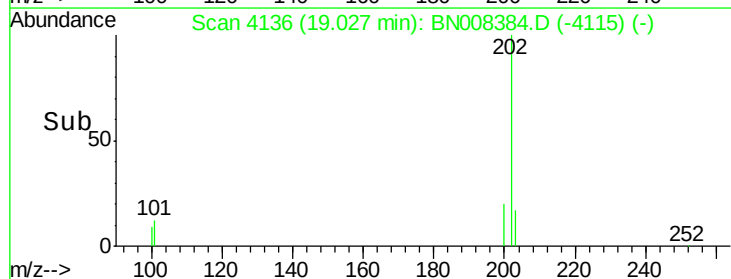
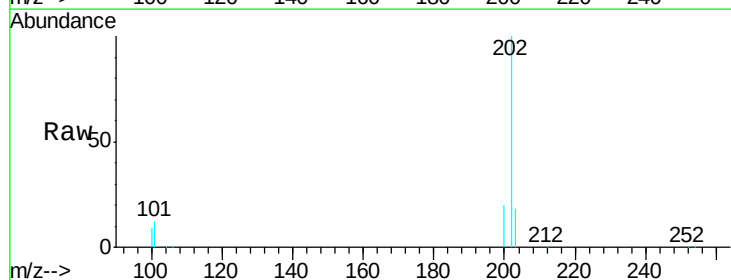
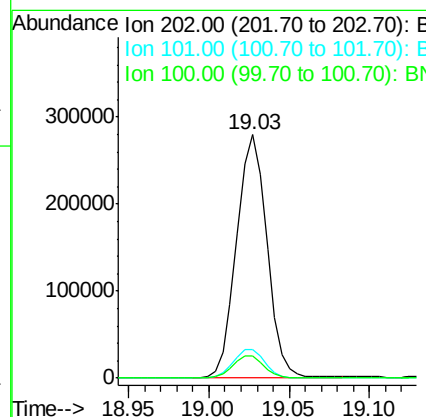
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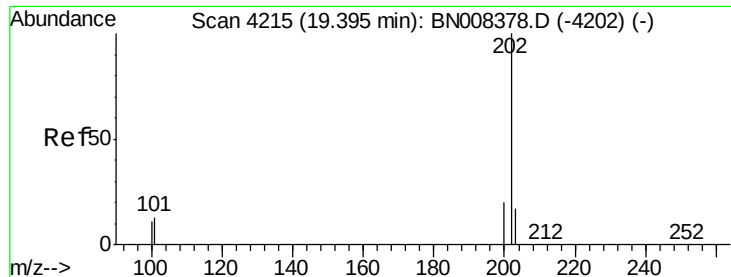
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#15
 Fluoranthene
 Concen: 6.582 ng/ul
 RT: 19.03 min Scan# 4136
 Delta R.T. -0.00 min
 Lab File: BN008384.D
 Acq: 24 Oct 2019 13:02

Tgt Ion:202 Resp: 366702
 Ion Ratio Lower Upper
 202 100
 101 11.9 0.0 31.2
 100 8.9 0.0 28.5





#17

Pyrene

Concen: 7.901 ng/ul

RT: 19.39 min Scan# 4215

Delta R.T. -0.00 min

Lab File: BN008384.D

Acq: 24 Oct 2019 13:02

Instrument :

BNA_N

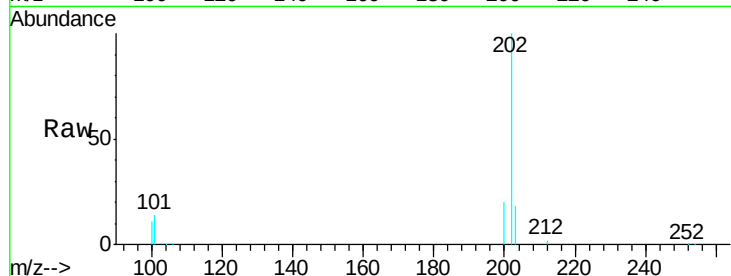
ClientSampleId :

BEPC4

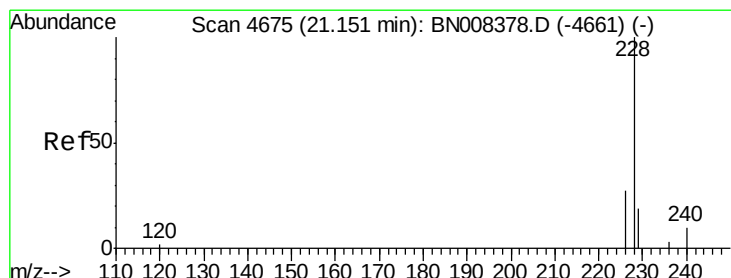
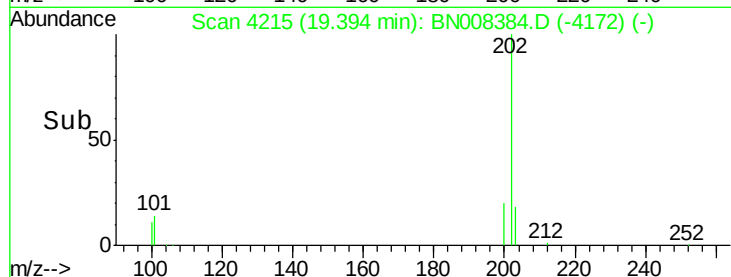
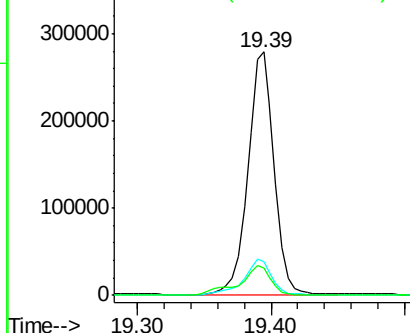
Tgt Ion:	202	Resp:	378933
Ion Ratio	Lower	Upper	
202	100		
101	13.7	10.9	16.3
100	11.0	8.7	13.1

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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): E



#18

Benzo(a)anthracene

Concen: 5.234 ng/ul

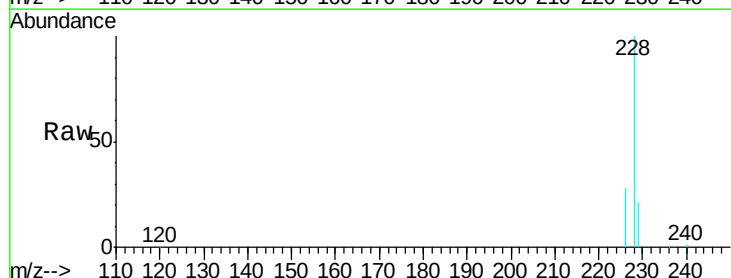
RT: 21.15 min Scan# 4675

Delta R.T. -0.00 min

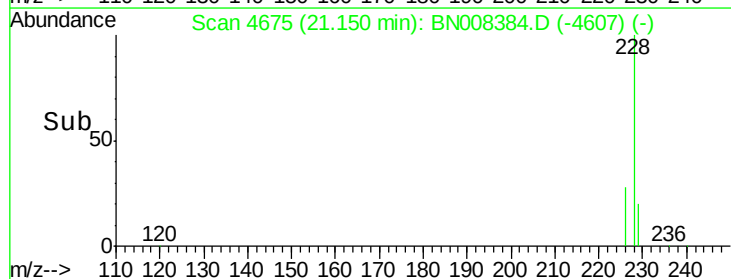
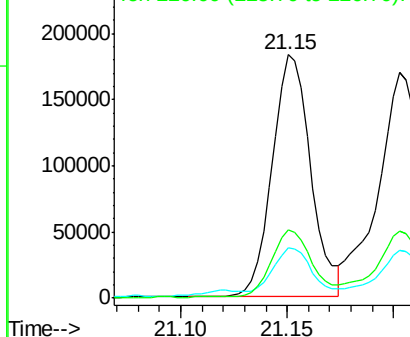
Lab File: BN008384.D

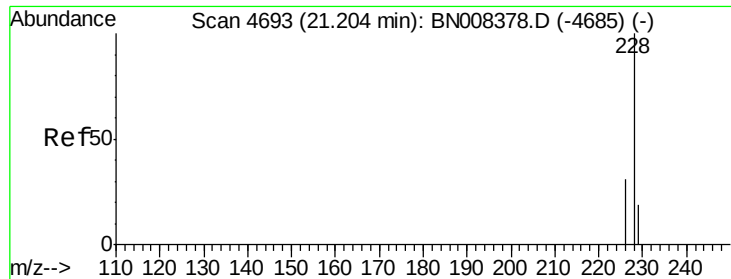
Acq: 24 Oct 2019 13:02

Tgt Ion:	228	Resp:	229220
Ion Ratio	Lower	Upper	
228	100		
229	20.6	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: 4.535 ng/ul

RT: 21.20 min Scan# 4693

Delta R.T. -0.00 min

Lab File: BN008384.D

Acq: 24 Oct 2019 13:02

Instrument :

BNA_N

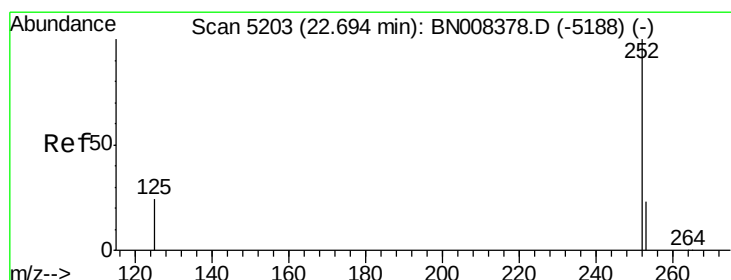
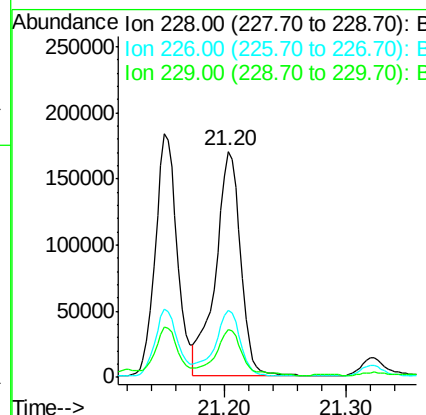
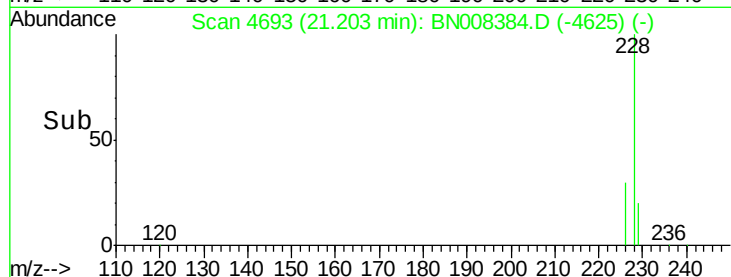
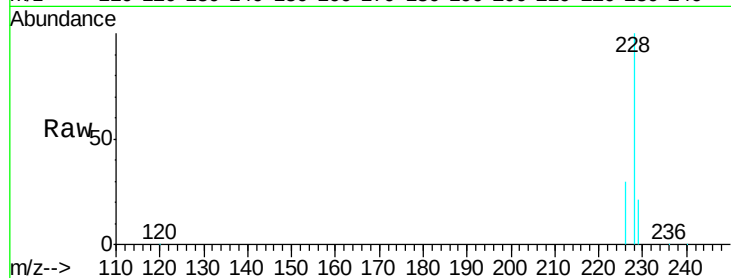
ClientSampleId :

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Tgt Ion:	228	Resp:	243711
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.1	36.1
229	21.2	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 7.089 ng/ul m

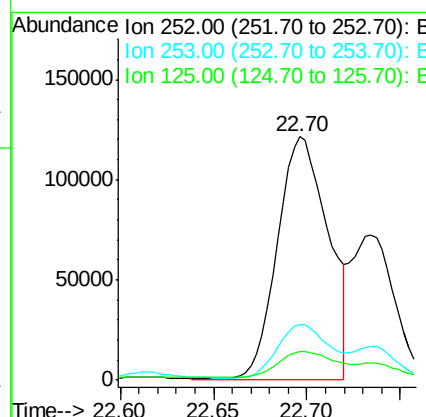
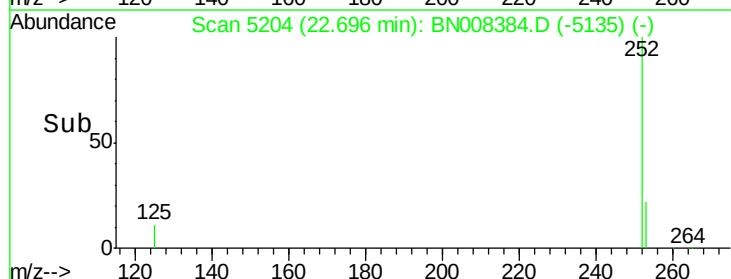
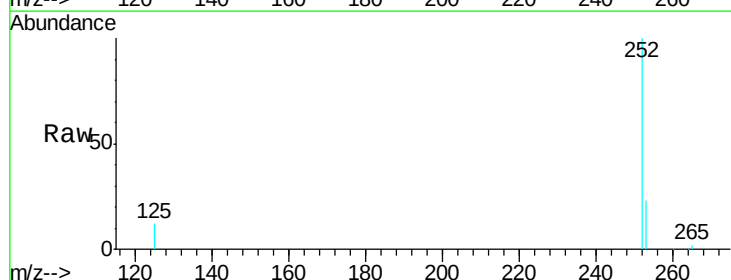
RT: 22.70 min Scan# 5204

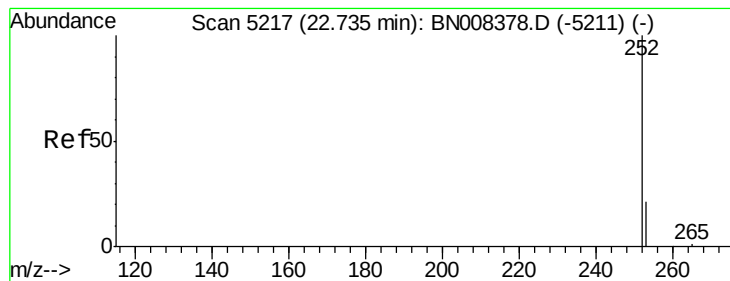
Delta R.T. 0.00 min

Lab File: BN008384.D

Acq: 24 Oct 2019 13:02

Tgt Ion:	252	Resp:	232293
Ion Ratio	Lower	Upper	
252	100		
253	22.9	0.0	53.4
125	11.6	0.0	32.4





#22

Benzo(k)fluoranthene

Concen: 3.272 ng/ul m

RT: 22.73 min Scan# 5217

Delta R.T. -0.00 min

Lab File: BN008384.D

Acq: 24 Oct 2019 13:02

Instrument :

BNA_N

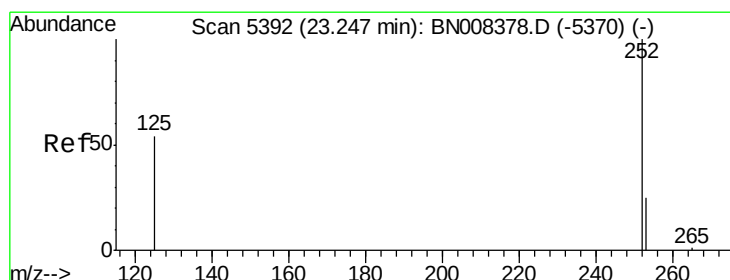
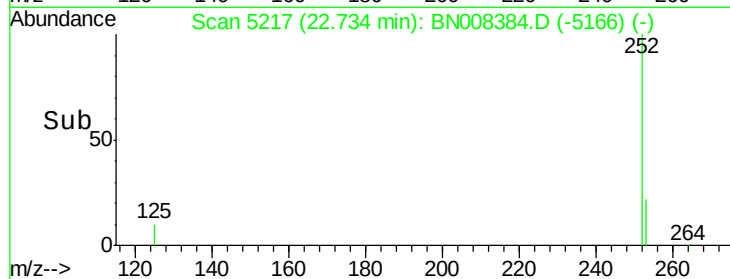
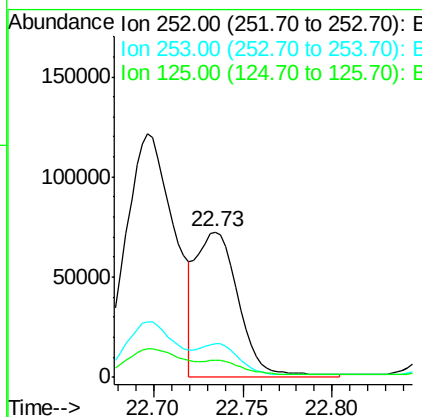
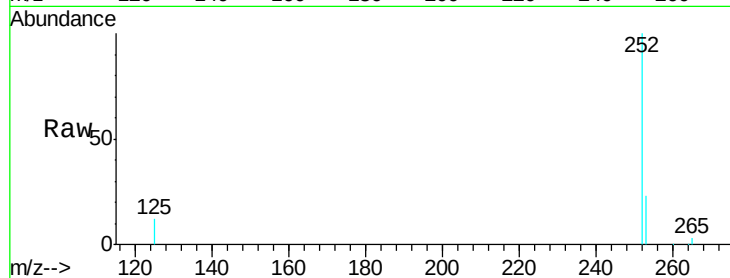
ClientSampleId :

BEPC4

Tgt Ion:	252	Resp:	121447
Ion Ratio	Lower	Upper	
252	100		
253	23.5	21.3	31.9
125	11.6	12.3	18.5#

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#23

Benzo(a)pyrene

Concen: 4.984 ng/ul m

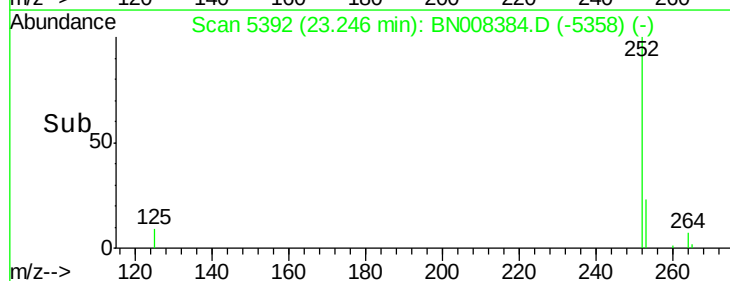
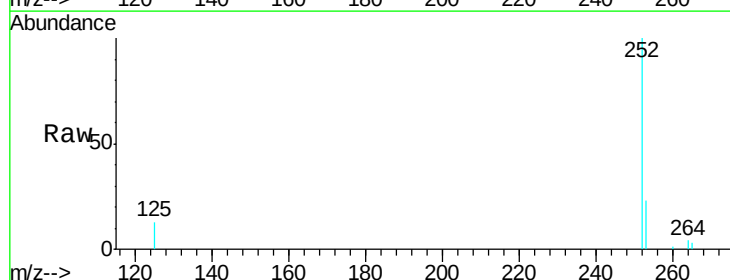
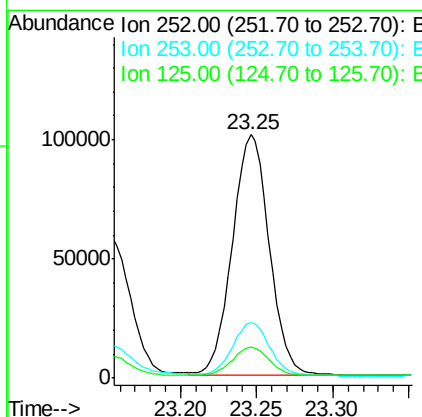
RT: 23.25 min Scan# 5392

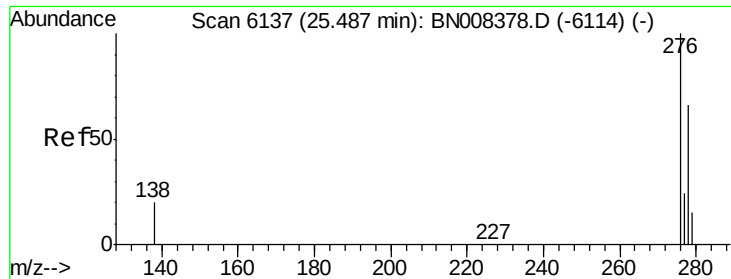
Delta R.T. -0.00 min

Lab File: BN008384.D

Acq: 24 Oct 2019 13:02

Tgt Ion:	252	Resp:	171854
Ion Ratio	Lower	Upper	
252	100		
253	22.9	22.8	34.2
125	12.7	18.4	27.6#





#24

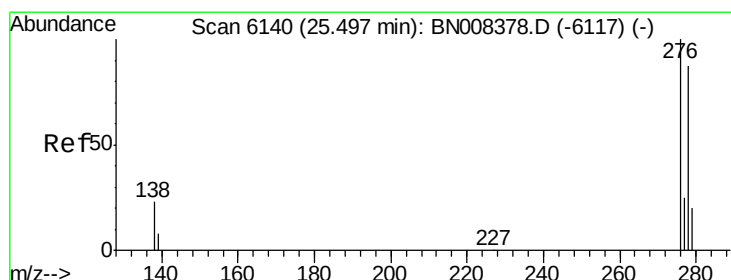
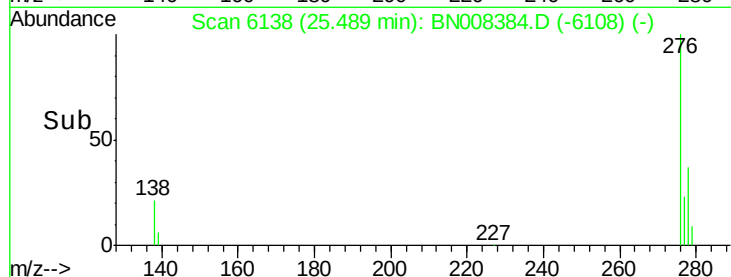
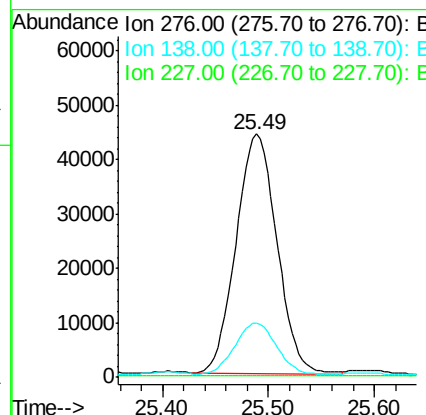
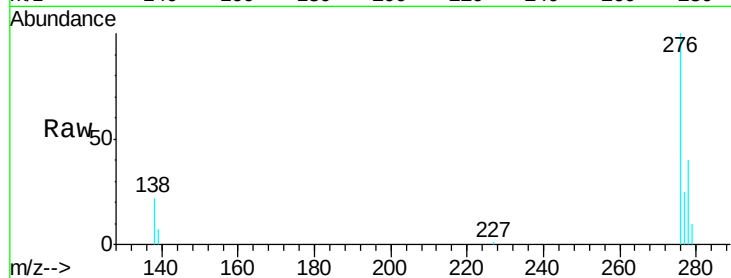
Indeno(1,2,3-cd)pyrene
Concen: 2.900 ng/ul
RT: 25.49 min Scan# 6138
Delta R.T. 0.00 min
Lab File: BN008384.D
Acq: 24 Oct 2019 13:02

Instrument :
BNA_N
ClientSampleId :
BEPC4

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.7	16.1	24.1
227	0.2	0.2	0.2

Manual Integrations
APPROVED

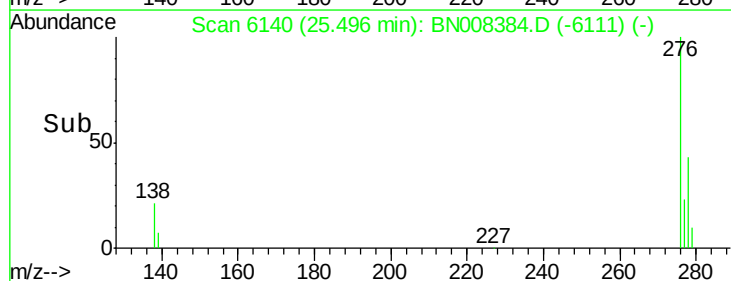
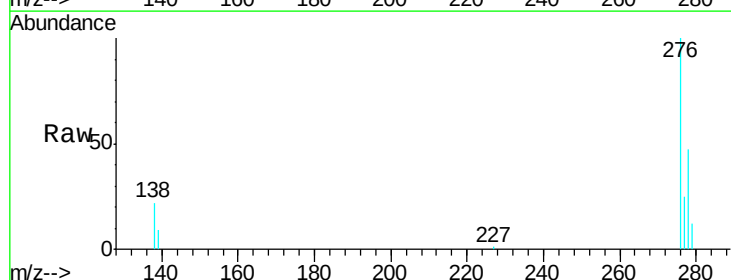
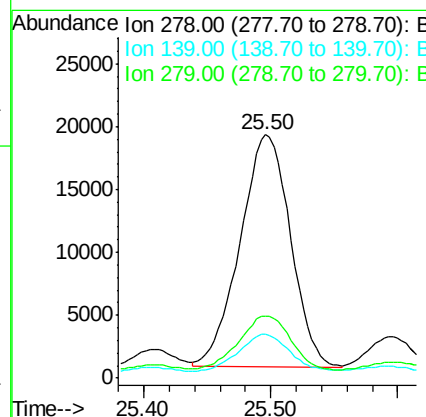
mohammad
10/25/2019 8:05:33 AM

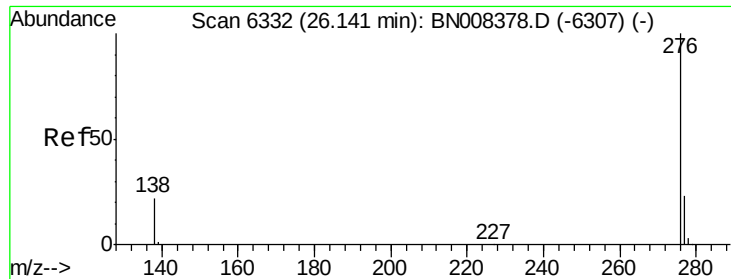


#25

Dibenzo(a,h)anthracene
Concen: 1.580 ng/ul
RT: 25.50 min Scan# 6140
Delta R.T. -0.00 min
Lab File: BN008384.D
Acq: 24 Oct 2019 13:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	15.0	22.6
279	25.6	22.4	33.6





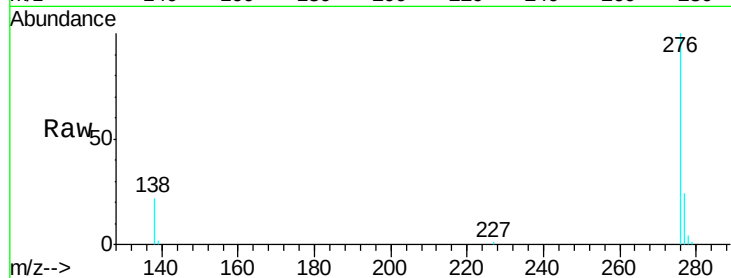
#26
Benzo(g,h,i)perylene
Concen: 3.073 ng/ul
RT: 26.14 min Scan# 6333
Delta R.T. 0.00 min
Lab File: BN008384.D
Acq: 24 Oct 2019 13:02

Instrument :
BNA_N
ClientSampleId :
BEPC4

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	21.6	17.0	25.4
277	24.4	20.4	30.6

Manual Integrations
APPROVED

mohammad
10/25/2019 8:05:33 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

