

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102419\
 Data File : BN008385.D
 Acq On : 24 Oct 2019 13:38
 Operator : JU
 Sample : K5235-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPC5

Manual Integrations
 APPROVED

mohammad
 10/25/2019 8:05:29 AM

Quant Time: Oct 24 14:29:02 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	2236	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.33	136	10763	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	6534	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	14316	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	11680	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	9658	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	3413	0.19	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	10753	0.22	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.38	128	5436	0.177	ng/ul	98
5) 2-Methylnaphthalene	12.01	142	3484	0.166	ng/ul	100
7) Acenaphthylene	13.93	152	14205	0.456	ng/ul	99
8) Acenaphthene	14.27	153	6659	0.275	ng/ul	99
9) Fluorene	15.26	166	11613	0.423	ng/ul	96
11) Pentachlorophenol	16.62	266	427	0.123	ng/ul	94
12) Phenanthrene	17.00	178	224205	5.349	ng/ul	99
13) Anthracene	17.09	178	61253	1.661	ng/ul	99
15) Fluoranthene	19.03	202	429089	7.751	ng/ul	98
17) Pyrene	19.39	202	485140	10.432	ng/ul	100
18) Benzo(a)anthracene	21.15	228	293779	6.918	ng/ul	97
19) Chrysene	21.20	228	300001	5.757	ng/ul	99
21) Benzo(b)fluoranthene	22.70	252	251889m	8.012	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	131211m	3.684	ng/ul	
23) Benzo(a)pyrene	23.25	252	202661m	6.126	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.49	276	127660	3.276	ng/ul	96
25) Dibenzo(a,h)anthracene	25.50	278	56502	1.834	ng/ul	97
26) Benzo(g,h,i)perylene	26.14	276	125911	3.524	ng/ul	98

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

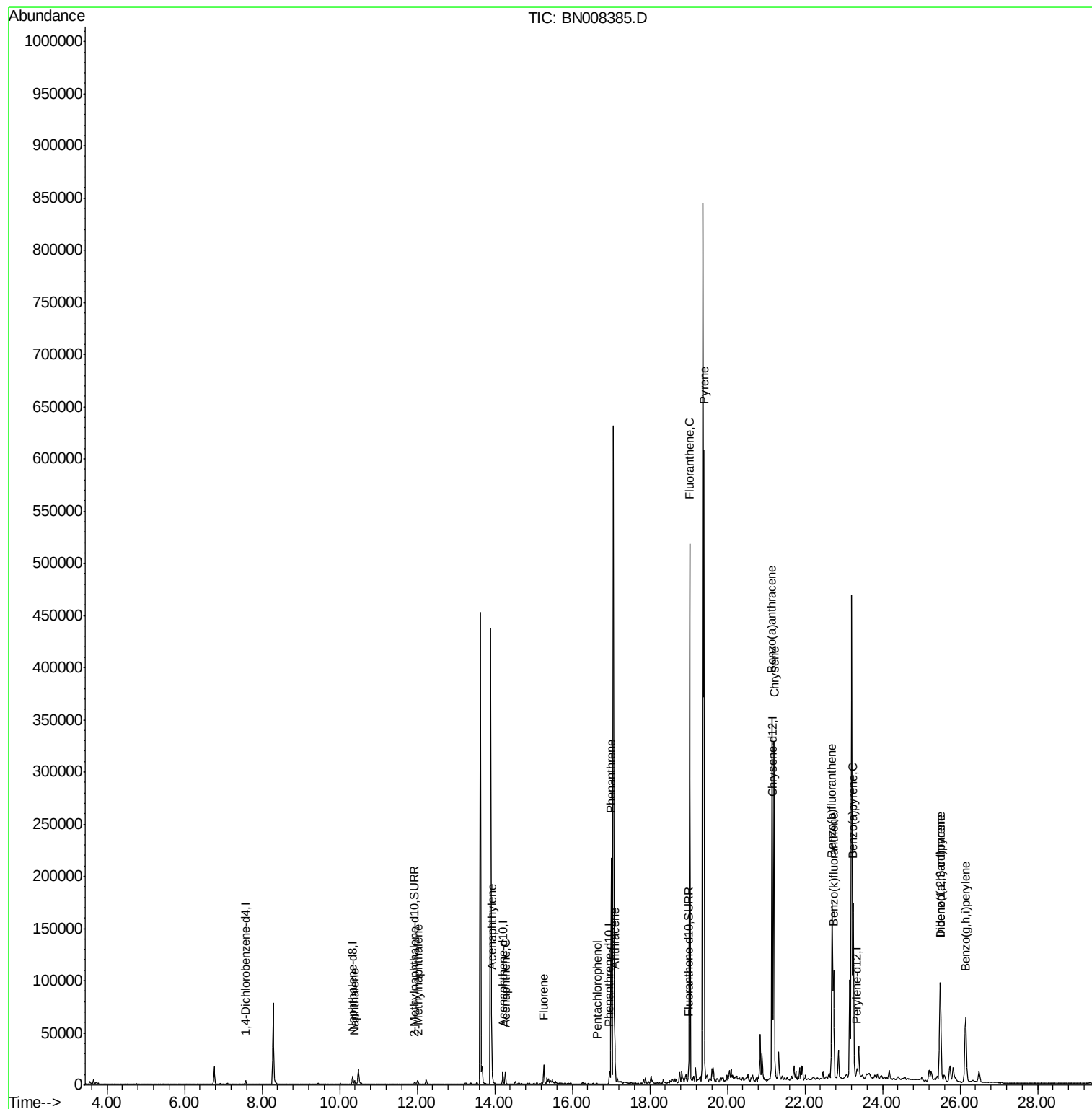
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102419\
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ALS Vial : 9 Sample Multiplier: 1

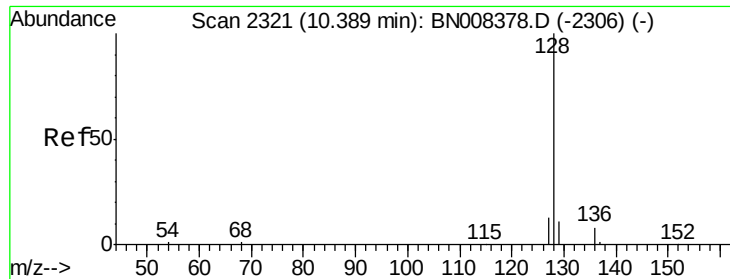
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Thu Oct 24 13:52:48 2019
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#3

Naphthalene

Concen: 0.177 ng/ul

RT: 10.38 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BN008385.D

Acq: 24 Oct 2019 13:38

Instrument :

BNA_N

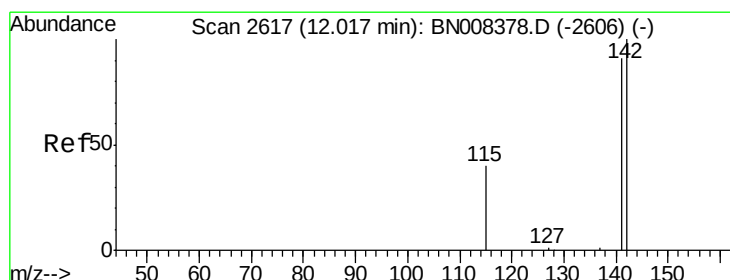
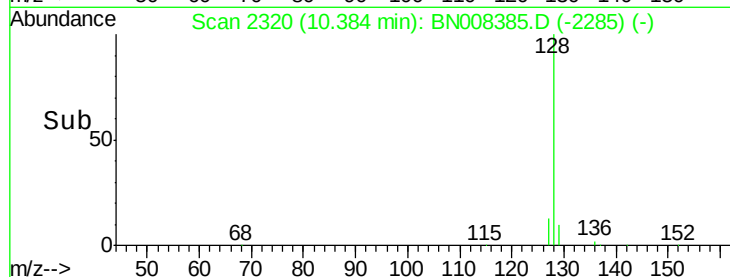
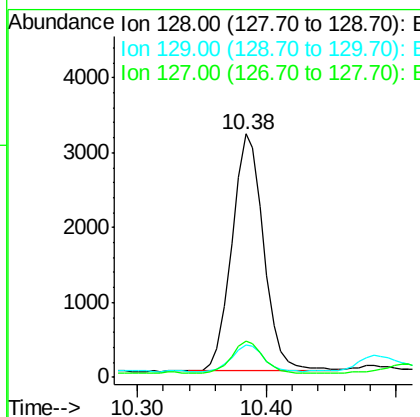
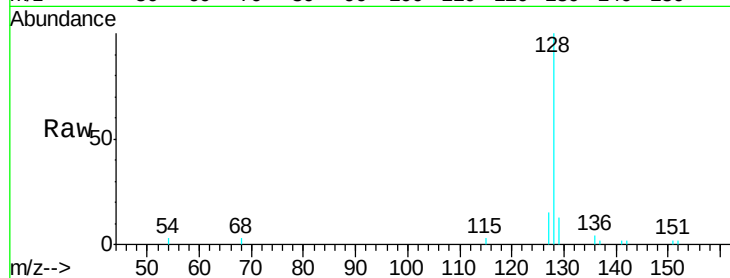
ClientSampleId :

BEPC5

Tgt Ion:	128	Resp:	5436
Ion Ratio	Lower	Upper	
128	100		
129	13.3	9.8	14.8
127	14.7	11.1	16.7

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#5

2-Methylnaphthalene

Concen: 0.166 ng/ul

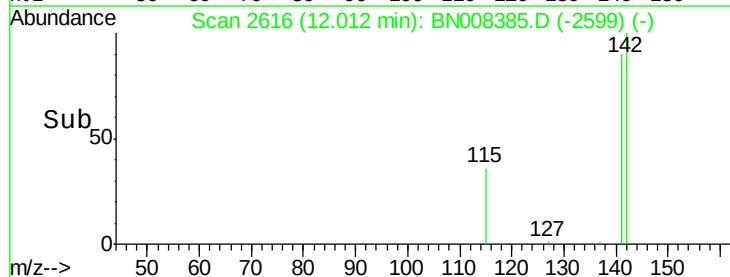
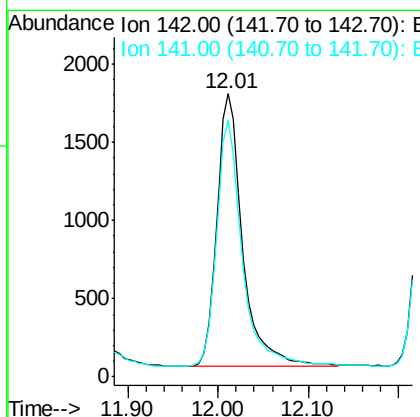
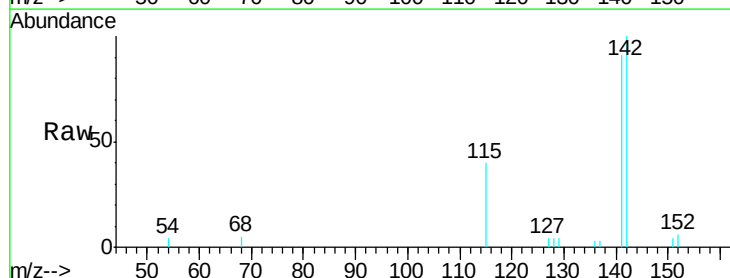
RT: 12.01 min Scan# 2616

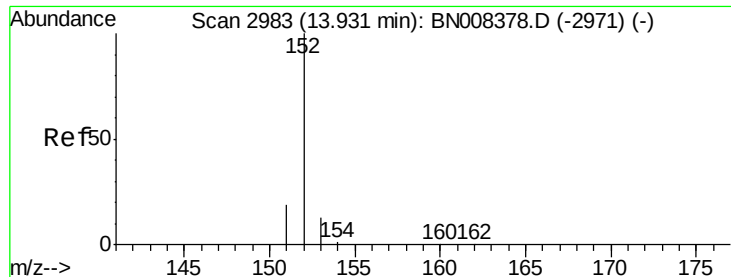
Delta R.T. -0.01 min

Lab File: BN008385.D

Acq: 24 Oct 2019 13:38

Tgt Ion:	142	Resp:	3484
Ion Ratio	Lower	Upper	
142	100		
141	89.1	71.4	107.2





#7

Acenaphthylene

Concen: 0.456 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. -0.00 min

Lab File: BN008385.D

Acq: 24 Oct 2019 13:38

Instrument :

BNA_N

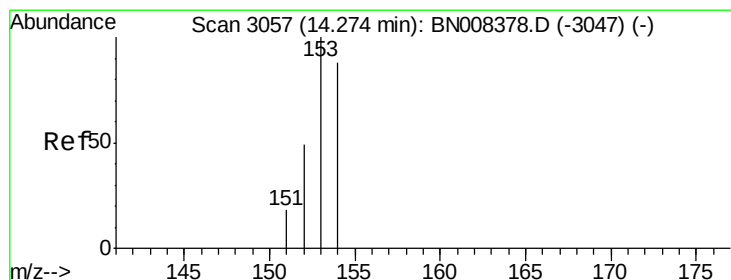
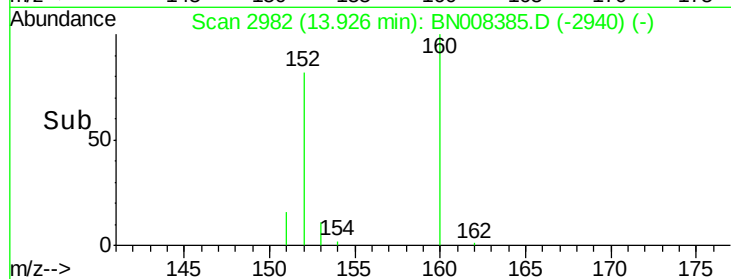
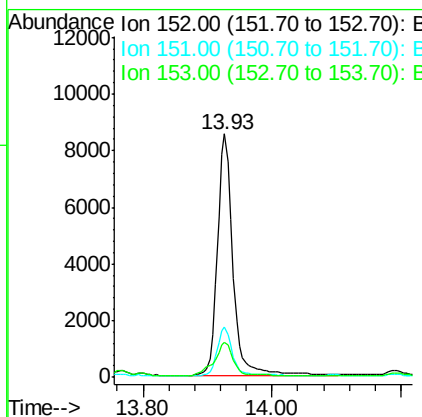
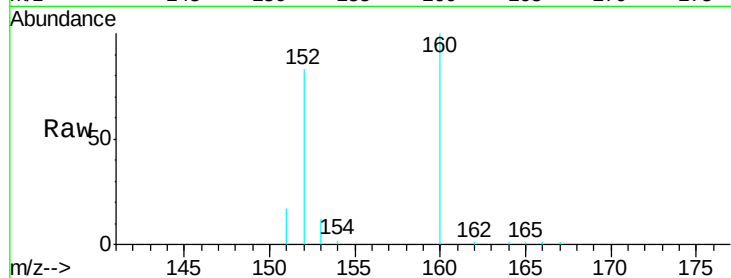
ClientSampleId :

BEPC5

Tgt Ion:	152	Resp:	14205
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.2	24.4
153	14.6	11.0	16.4

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#8

Acenaphthene

Concen: 0.275 ng/ul

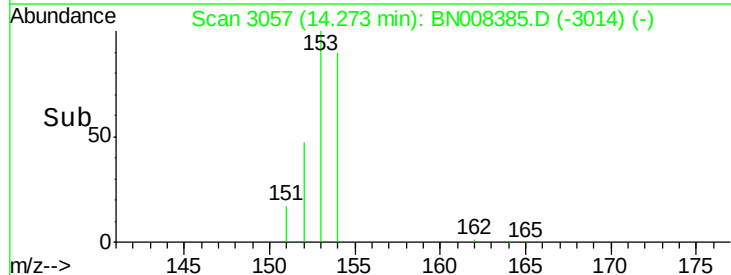
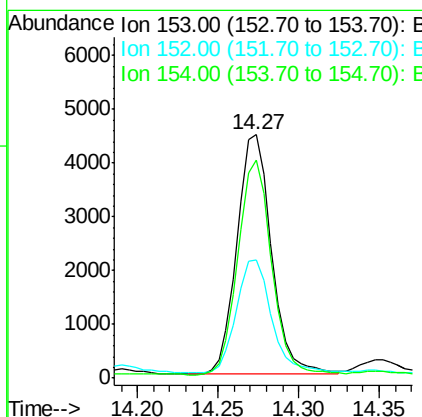
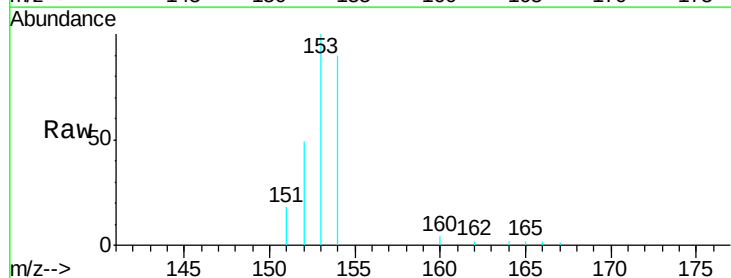
RT: 14.27 min Scan# 3057

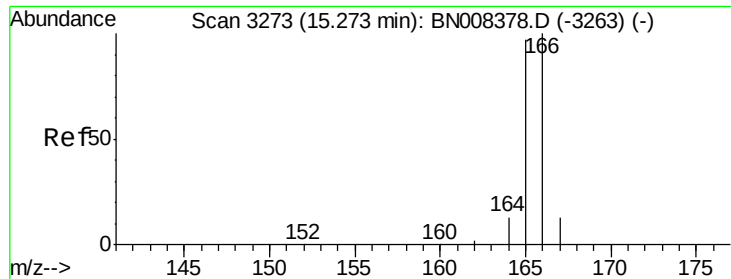
Delta R.T. -0.00 min

Lab File: BN008385.D

Acq: 24 Oct 2019 13:38

Tgt Ion:	153	Resp:	6659
Ion Ratio	Lower	Upper	
153	100		
152	48.6	38.2	57.2
154	89.8	71.8	107.8





#9

Fluorene

Concen: 0.423 ng/ul

RT: 15.26 min Scan# 3271

Delta R.T. -0.01 min

Lab File: BN008385.D

Acq: 24 Oct 2019 13:38

Instrument :

BNA_N

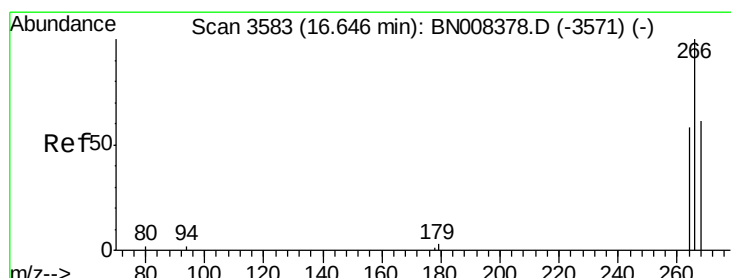
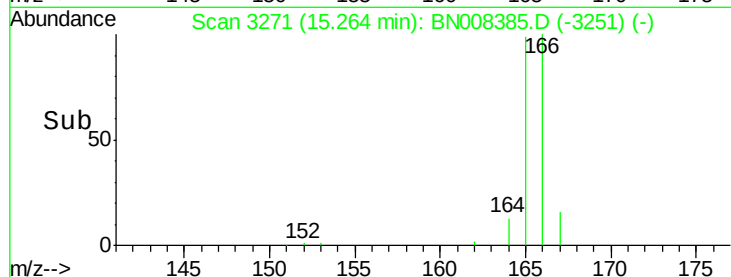
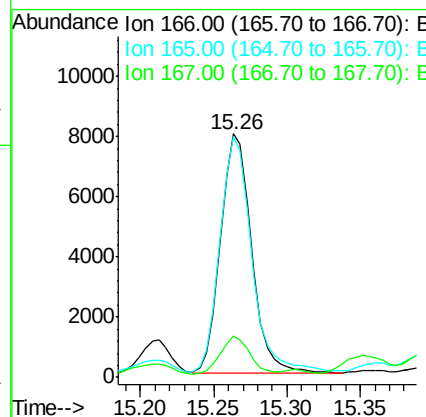
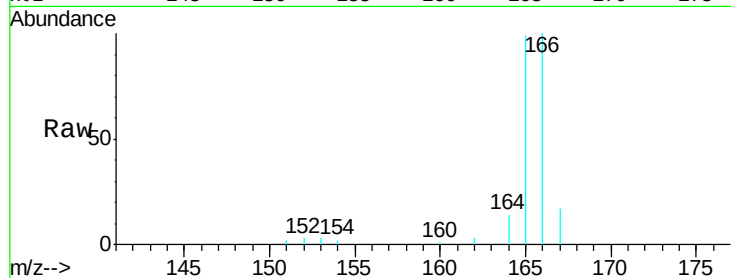
ClientSampleId :

BEPC5

Tgt Ion:166 Resp: 11613
 Ion Ratio Lower Upper
 166 100
 165 99.2 76.6 115.0
 167 16.8 11.7 17.5

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#11

Pentachlorophenol

Concen: 0.123 ng/ul

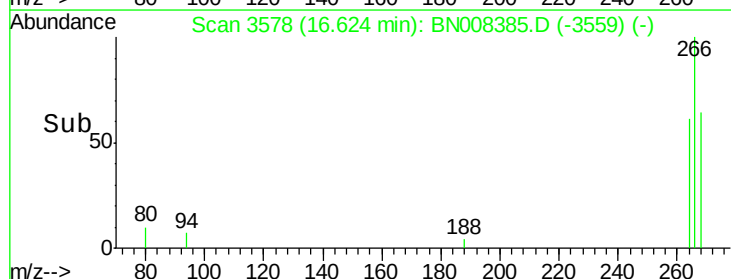
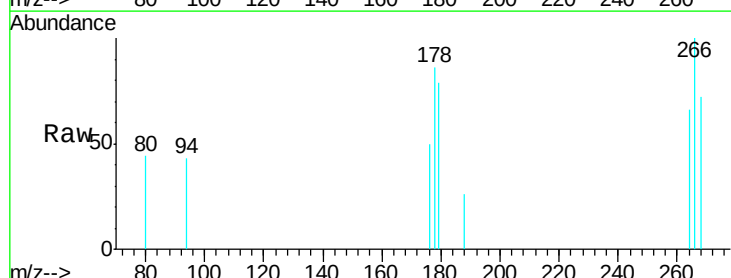
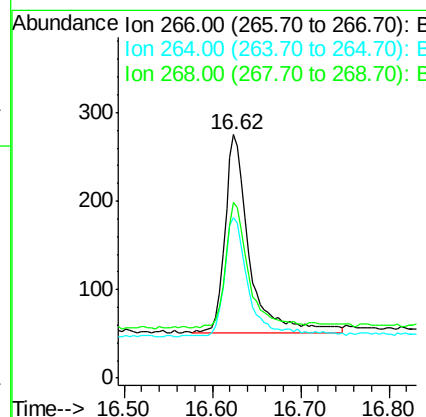
RT: 16.62 min Scan# 3578

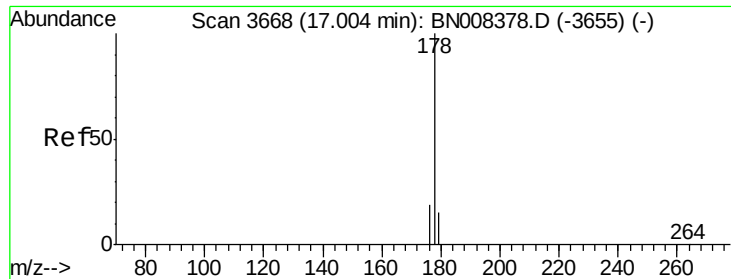
Delta R.T. -0.02 min

Lab File: BN008385.D

Acq: 24 Oct 2019 13:38

Tgt Ion:266 Resp: 427
 Ion Ratio Lower Upper
 266 100
 264 58.3 50.1 75.1
 268 60.2 51.9 77.9





#12

Phenanthrene

Concen: 5.349 ng/ul

RT: 17.00 min Scan# 3667

Delta R.T. -0.00 min

Lab File: BN008385.D

Acq: 24 Oct 2019 13:38

Instrument :

BNA_N

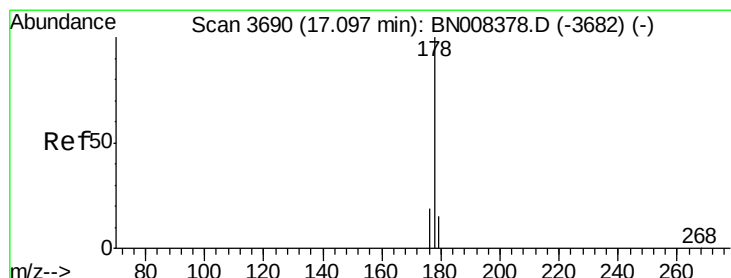
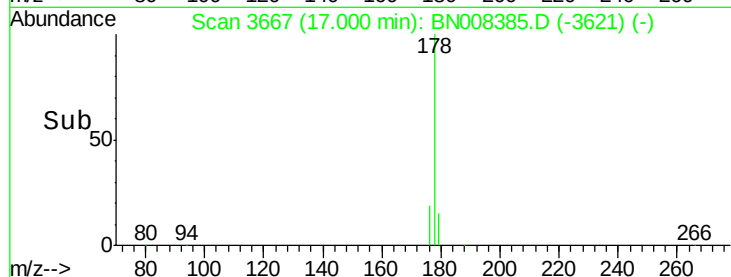
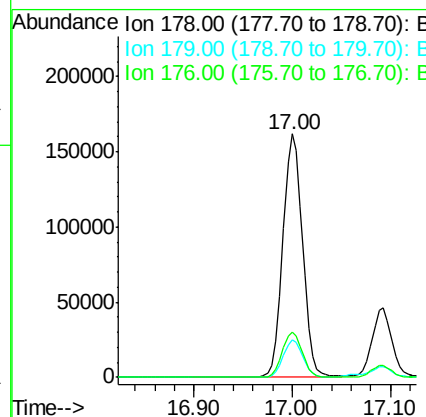
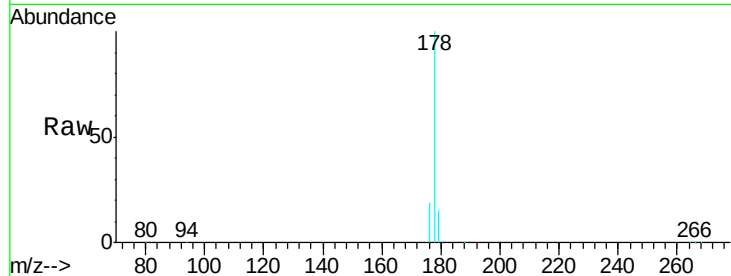
ClientSampleId :

BEPC5

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	18.7	15.4	23.2

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#13

Anthracene

Concen: 1.661 ng/ul

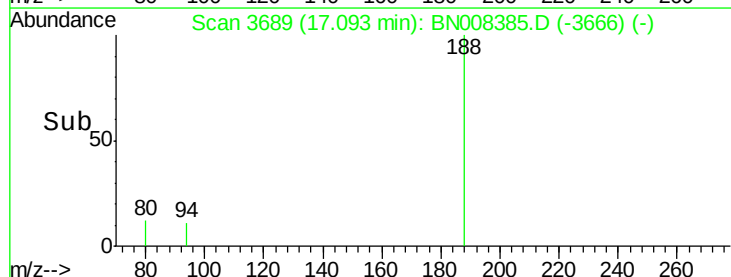
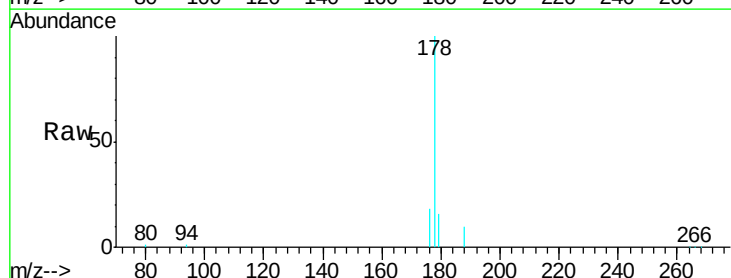
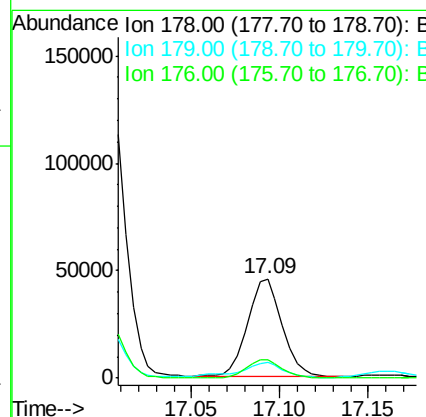
RT: 17.09 min Scan# 3689

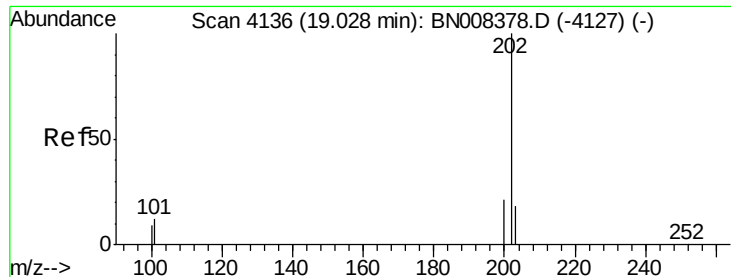
Delta R.T. -0.00 min

Lab File: BN008385.D

Acq: 24 Oct 2019 13:38

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.0	19.6
176	18.1	15.0	22.6





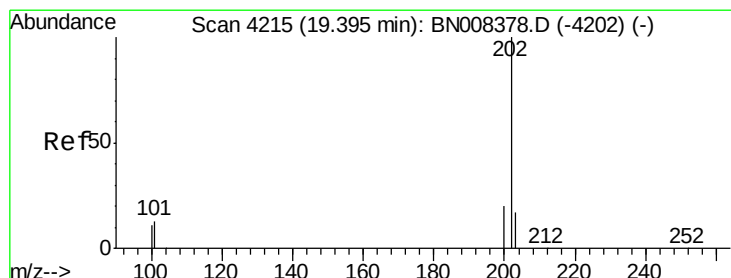
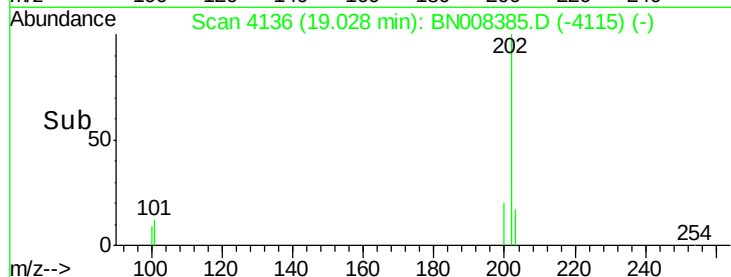
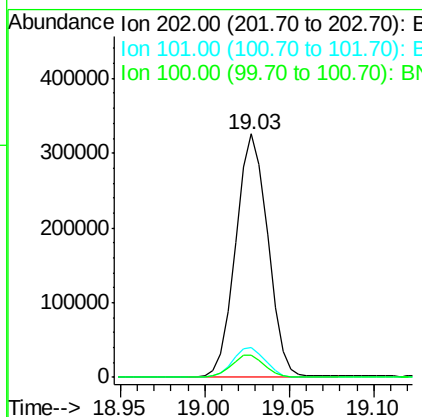
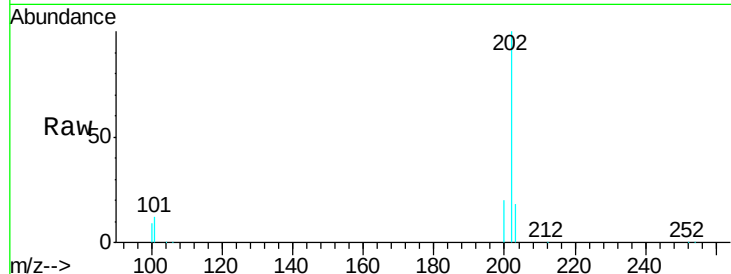
#15
Fluoranthene
Concen: 7.751 ng/ul
RT: 19.03 min Scan# 4136
Delta R.T. -0.00 min
Lab File: BN008385.D
Acq: 24 Oct 2019 13:38

Instrument :
BNA_N
ClientSampleId :
BEPC5

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.1	0.0	31.2
100	9.0	0.0	28.5

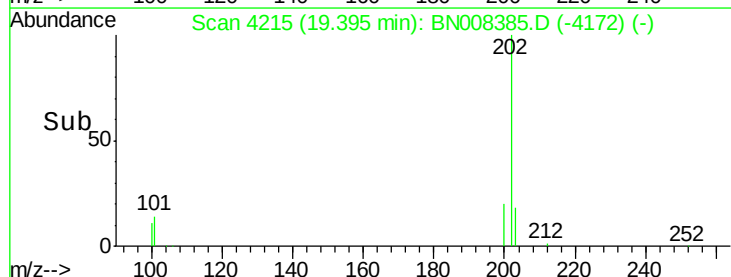
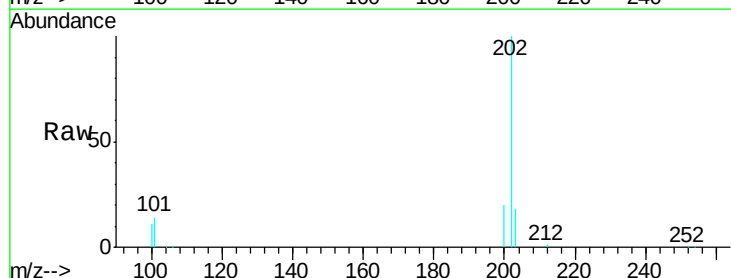
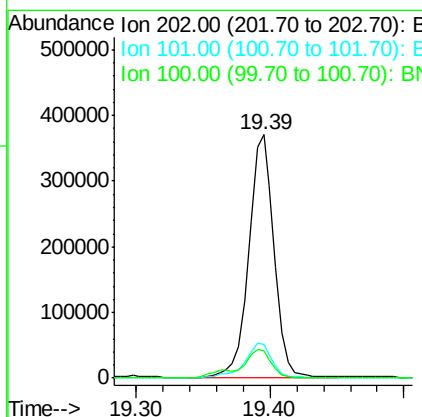
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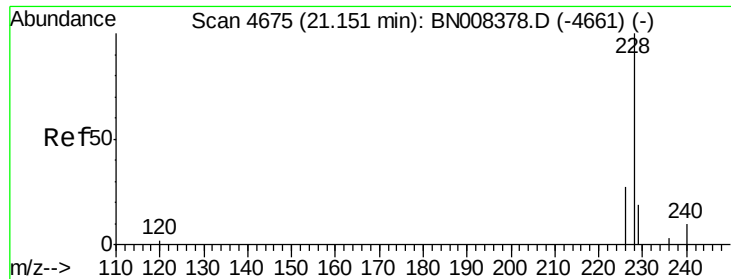
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#17
Pyrene
Concen: 10.432 ng/ul
RT: 19.39 min Scan# 4215
Delta R.T. -0.00 min
Lab File: BN008385.D
Acq: 24 Oct 2019 13:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.6	10.9	16.3
100	11.0	8.7	13.1





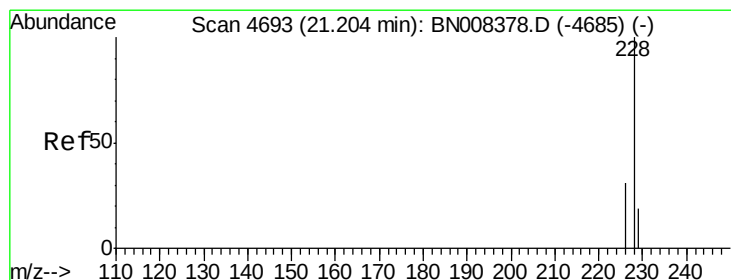
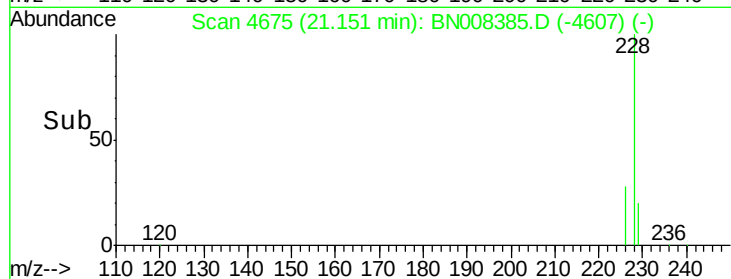
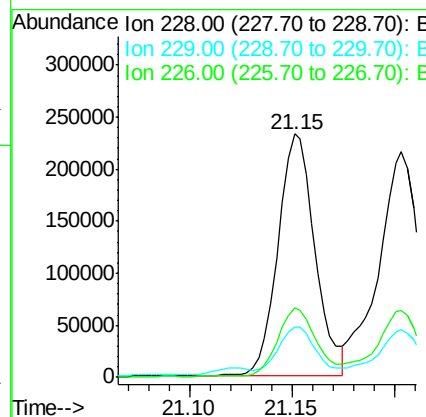
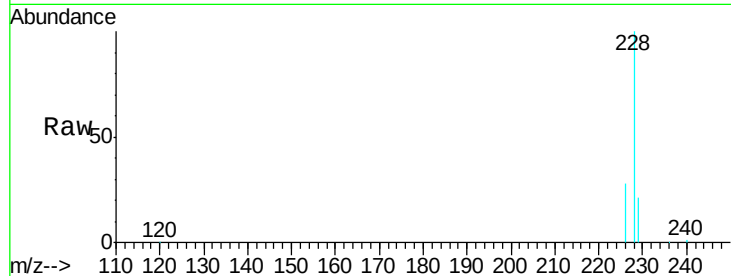
#18
Benzo(a)anthracene
Concen: 6.918 ng/ul
RT: 21.15 min Scan# 4675
Delta R.T. -0.00 min
Lab File: BN008385.D
Acq: 24 Oct 2019 13:38

Instrument :
BNA_N
ClientSampleId :
BEPC5

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.2	24.2
226	28.4	21.4	32.0

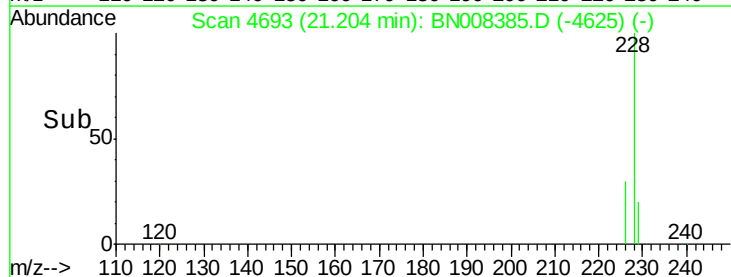
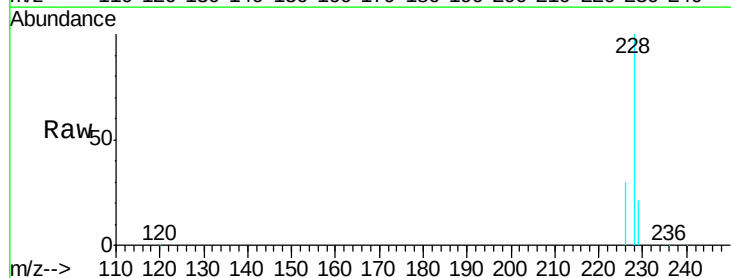
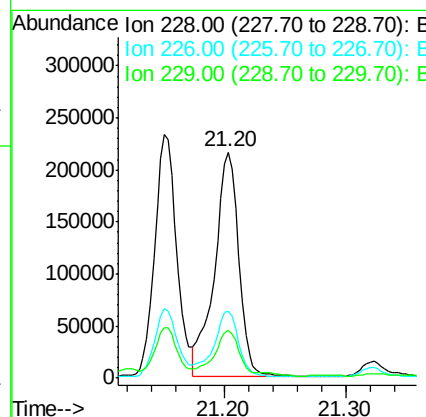
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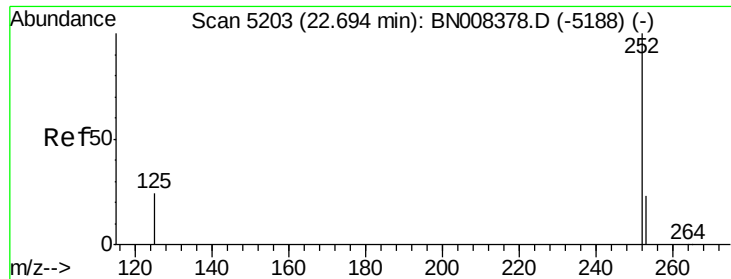
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#19
Chrysene
Concen: 5.757 ng/ul
RT: 21.20 min Scan# 4693
Delta R.T. -0.00 min
Lab File: BN008385.D
Acq: 24 Oct 2019 13:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	21.3	16.2	24.2





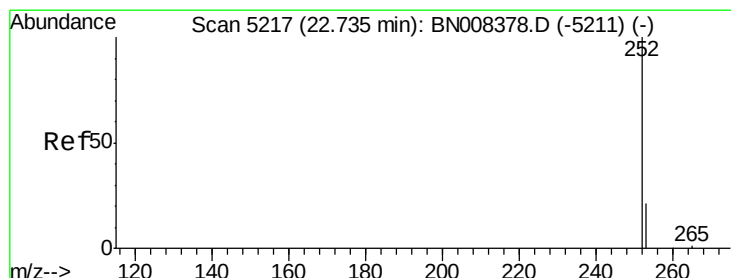
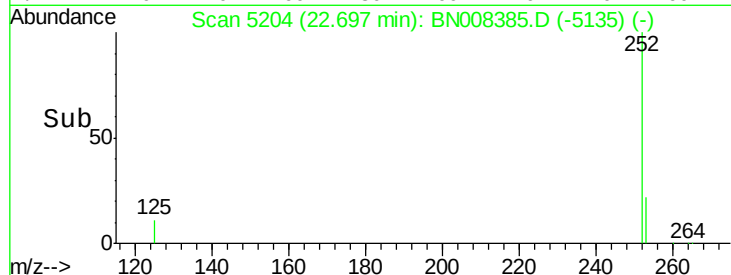
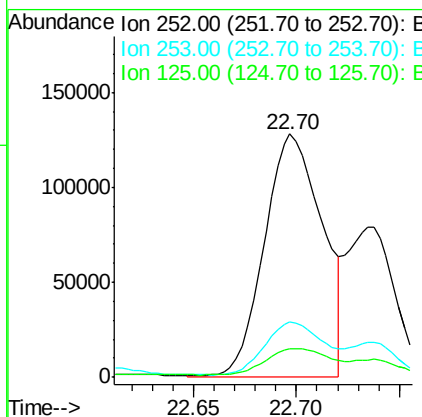
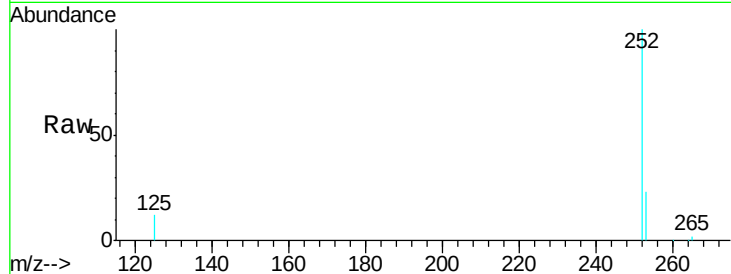
#21
Benzo(b)fluoranthene
Concen: 8.012 ng/ul m
RT: 22.70 min Scan# 5204
Delta R.T. 0.00 min
Lab File: BN008385.D
Acq: 24 Oct 2019 13:38

Instrument :
BNA_N
ClientSampleId :
BEPC5

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.8	0.0	53.4
125	11.8	0.0	32.4

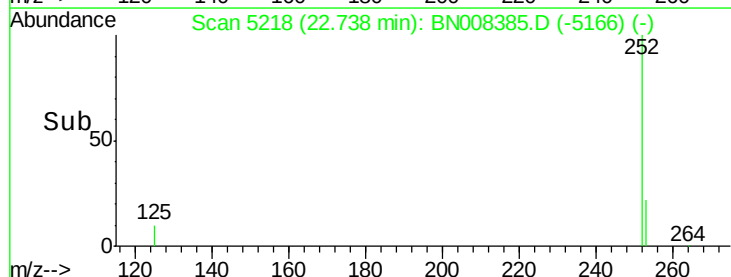
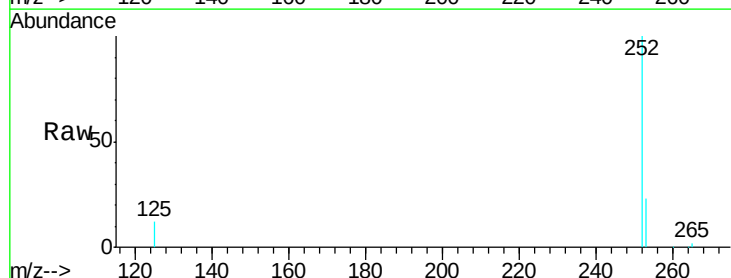
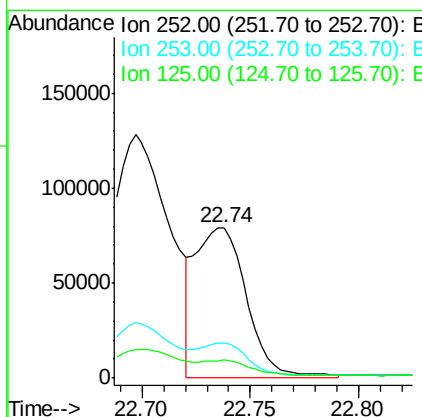
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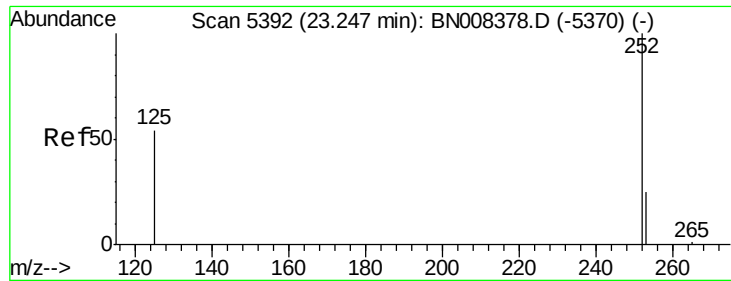
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#22
Benzo(k)fluoranthene
Concen: 3.684 ng/ul m
RT: 22.74 min Scan# 5218
Delta R.T. 0.00 min
Lab File: BN008385.D
Acq: 24 Oct 2019 13:38

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.5	21.3	31.9
125	11.8	12.3	18.5#





#23

Benzo(a)pyrene

Concen: 6.126 ng/ul m

RT: 23.25 min Scan# 5392

Delta R.T. -0.00 min

Lab File: BN008385.D

Acq: 24 Oct 2019 13:38

Instrument :

BNA_N

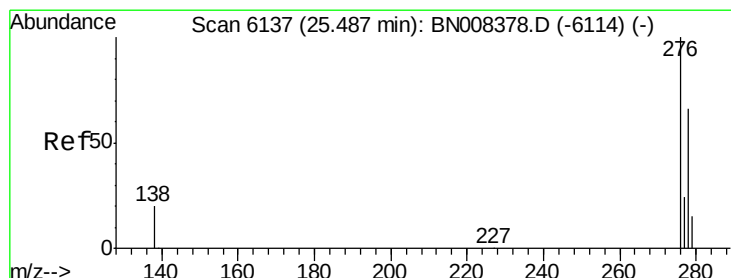
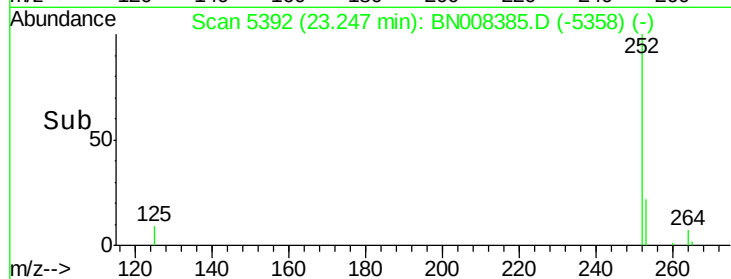
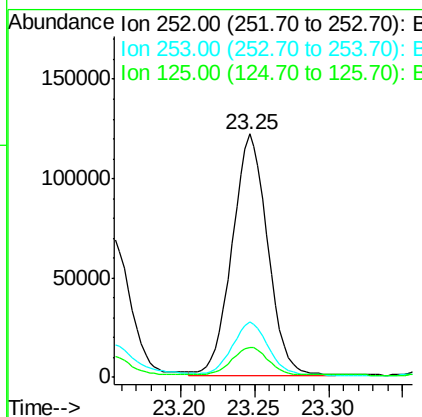
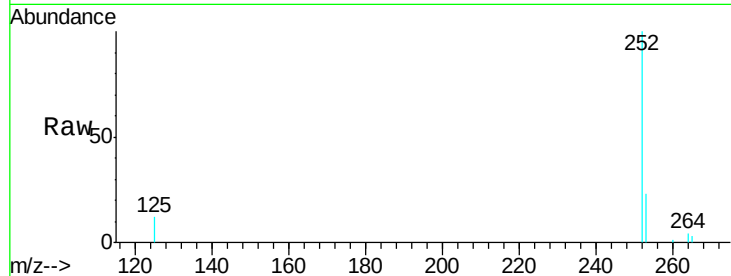
ClientSampleId :

BEPC5

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		202661
253	22.8	22.8	34.2
125	12.4	18.4	27.6#

Manual Integrations
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mohammad
10/25/2019 8:05:29 AM



#24

Indeno(1,2,3-cd)pyrene

Concen: 3.276 ng/ul

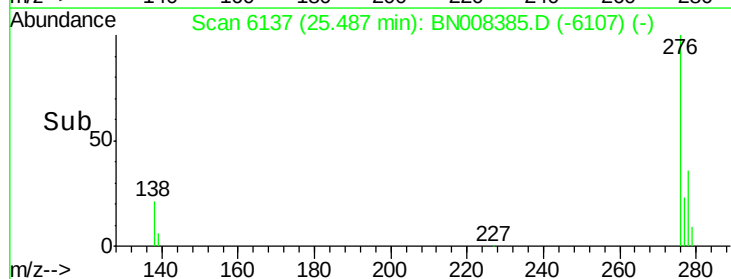
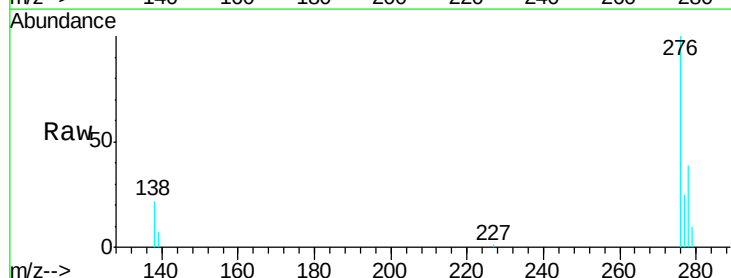
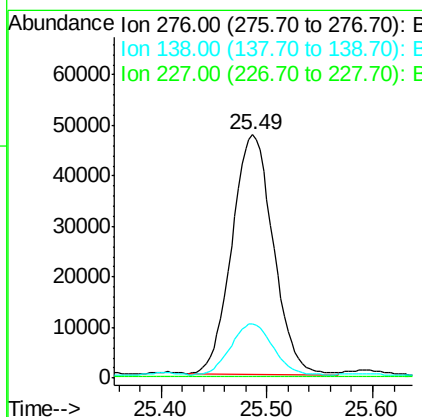
RT: 25.49 min Scan# 6137

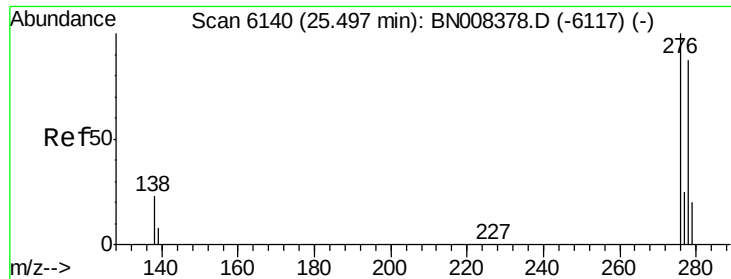
Delta R.T. -0.00 min

Lab File: BN008385.D

Acq: 24 Oct 2019 13:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		127660
138	21.9	16.1	24.1
227	0.2	0.2	0.2





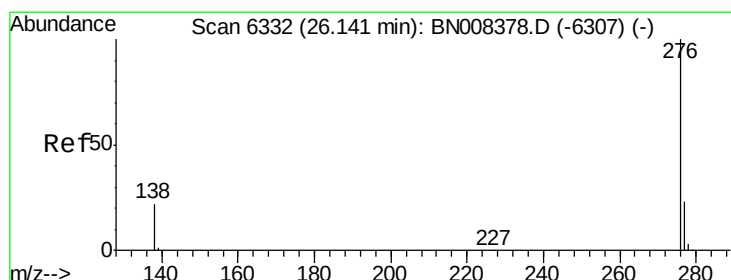
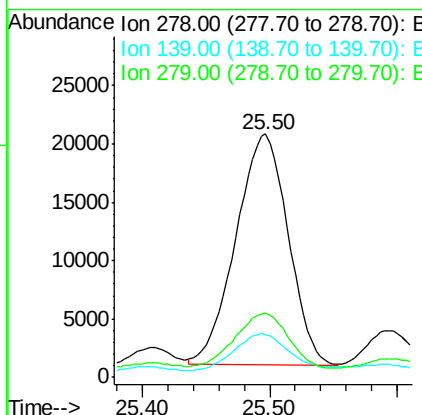
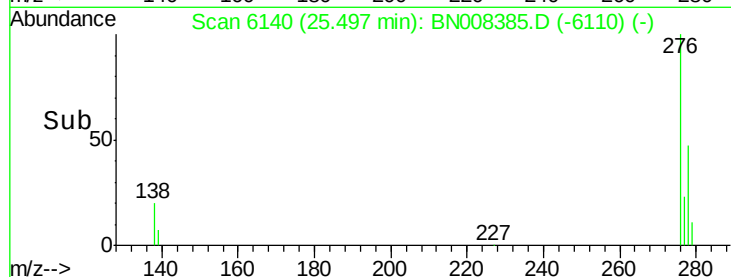
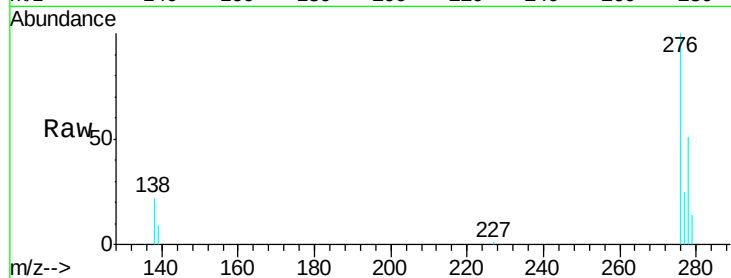
#25
Dibenzo(a,h)anthracene
Concen: 1.834 ng/ul
RT: 25.50 min Scan# 6140
Delta R.T. -0.00 min
Lab File: BN008385.D
Acq: 24 Oct 2019 13:38

Instrument :
BNA_N
ClientSampleId :
BEP5

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	15.0	22.6
279	26.5	22.4	33.6

Manual Integrations
APPROVED

mohammad
10/25/2019 8:05:29 AM



#26
Benzo(g,h,i)perylene
Concen: 3.524 ng/ul
RT: 26.14 min Scan# 6333
Delta R.T. 0.00 min
Lab File: BN008385.D
Acq: 24 Oct 2019 13:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.5	17.0	25.4
277	24.2	20.4	30.6

