

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008126.D
 Acq On : 13 Oct 2019 00:18
 Operator : JU
 Sample : K5178-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPH9

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Quant Time: Oct 13 04:52:12 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 : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2586	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	12527	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	8102	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	18531m	0.40	ng/ul	-0.01
16) Chrysene-d12	21.20	240	19508m	0.40	ng/ul	-0.01
20) Perylene-d12	23.39	264	15540m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	3777	0.18	ng/ul	-0.01
14) Fluoranthene-d10	19.04	212	12223m	0.19	ng/ul	-0.01
Target Compounds				Ovalue		
7) Acenaphthylene	13.98	152	2040	0.053	ng/ul#	80
8) Acenaphthene	14.32	153	2011	0.067	ng/ul	98
9) Fluorene	15.31	166	2086	0.061	ng/ul#	97
12) Phenanthrene	17.05	178	36162m	0.667	ng/ul	
13) Anthracene	17.14	178	7814m	0.164	ng/ul	
15) Fluoranthene	19.07	202	61859m	0.863	ng/ul	
17) Pyrene	19.43	202	59300	0.763	ng/ul	99
18) Benzo(a)anthracene	21.19	228	33514m	0.473	ng/ul	
19) Chrysene	21.24	228	33523	0.385	ng/ul	98
21) Benzo(b)fluoranthene	22.74	252	38301m	0.757	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	11466m	0.200	ng/ul	
23) Benzo(a)pyrene	23.29	252	25794	0.485	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.56	276	14426	0.230	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.57	278	3281	0.066	ng/ul#	53
26) Benzo(g,h,i)perylene	26.22	276	13580	0.236	ng/ul	94

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

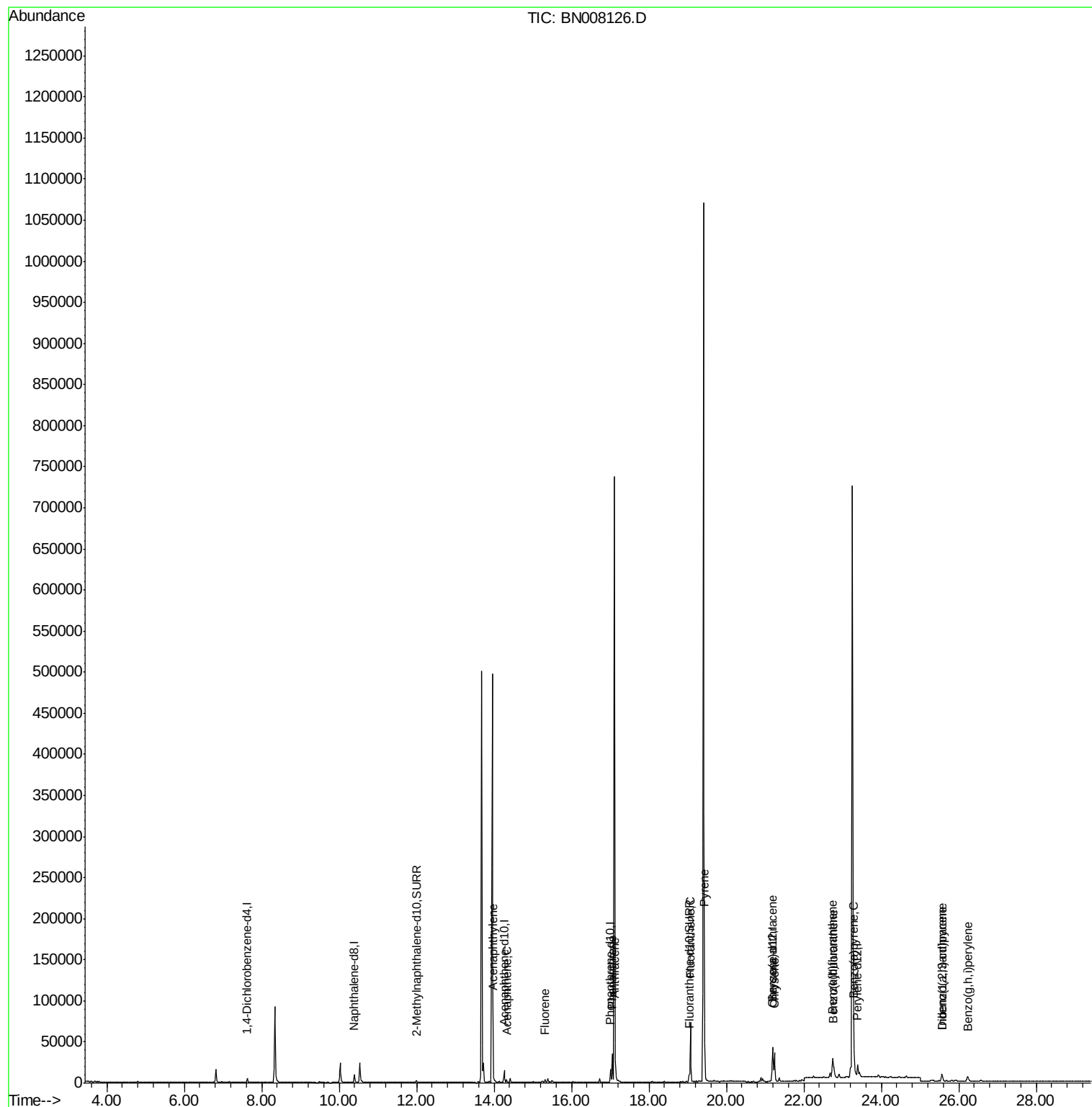
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008126.D
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ALS Vial : 10 Sample Multiplier: 1

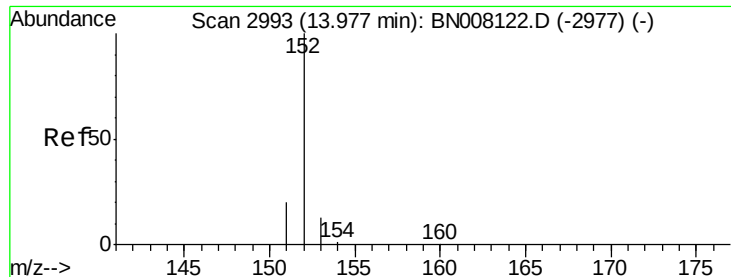
Instrument :
BNA_N
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BEPH9

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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#7

Acenaphthylene

Concen: 0.053 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BN008126.D

Acq: 13 Oct 2019 00:18

Instrument :

BNA_N

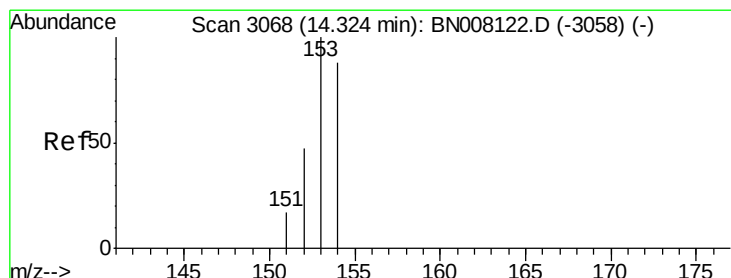
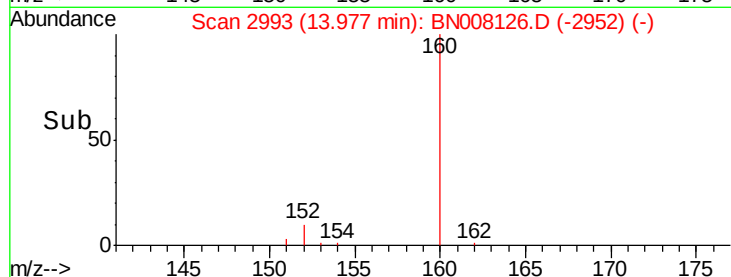
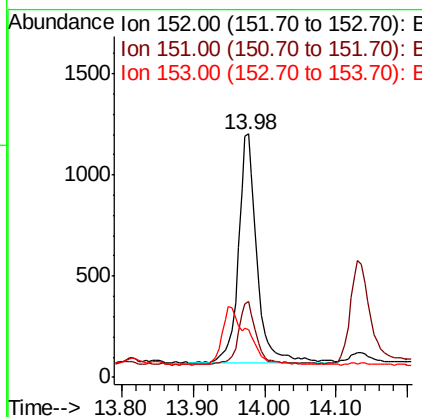
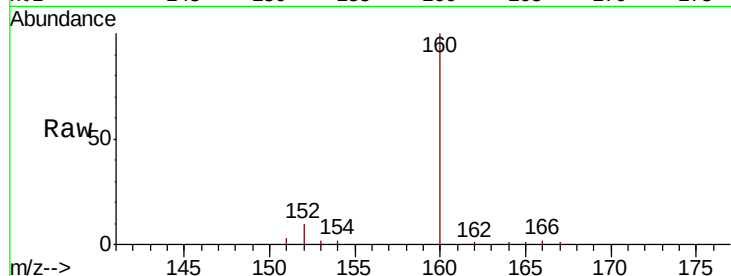
ClientSampleId :

BEPH9

Tot Ion:	152	Resp:	2040
Ion Ratio	Lower	Upper	
152	100		
151	31.4	16.2	24.4#
153	19.7	11.0	16.4#

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#8

Acenaphthene

Concen: 0.067 ng/ul

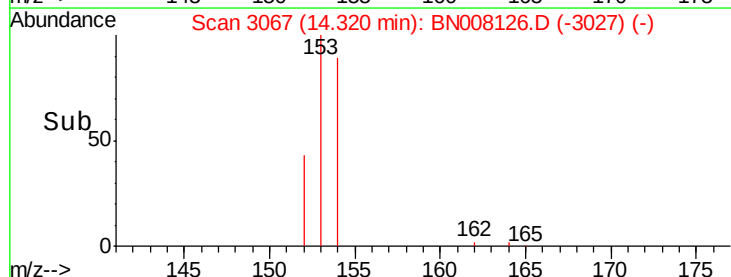
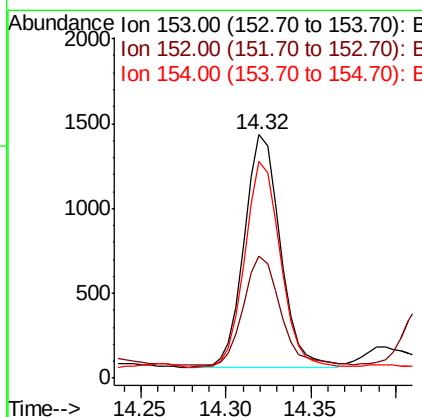
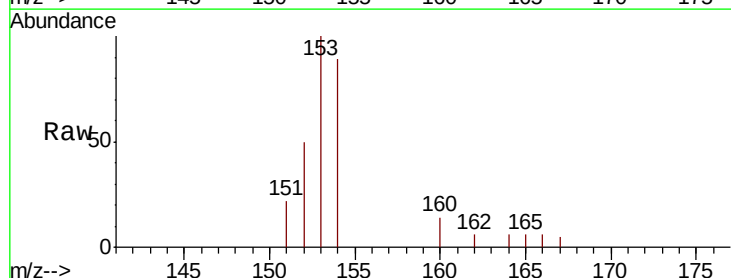
RT: 14.32 min Scan# 3067

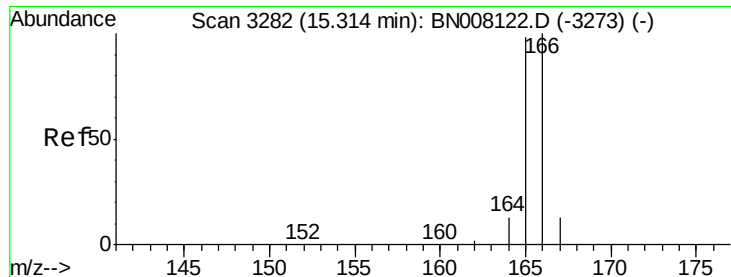
Delta R.T. -0.01 min

Lab File: BN008126.D

Acq: 13 Oct 2019 00:18

Tgt Ion:	153	Resp:	2011
Ion Ratio	Lower	Upper	
153	100		
152	49.9	38.2	57.2
154	89.2	71.8	107.8





#9

Fluorene

Concen: 0.061 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. -0.01 min

Lab File: BN008126.D

Acq: 13 Oct 2019 00:18

Instrument :

BNA_N

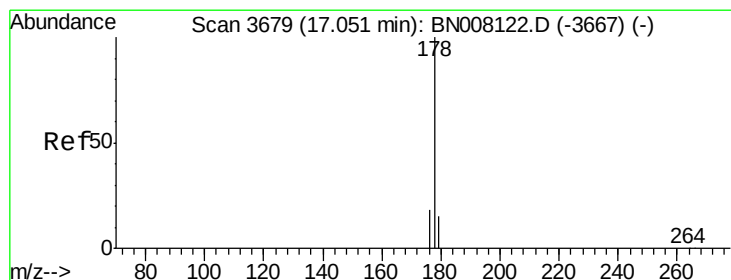
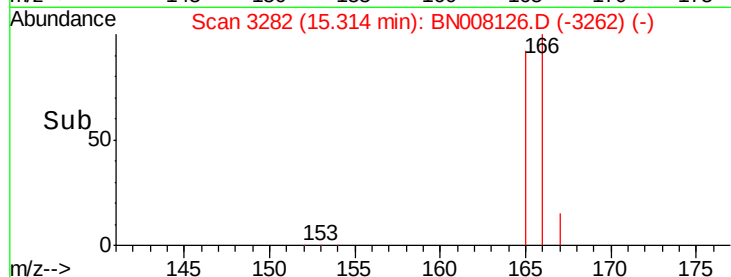
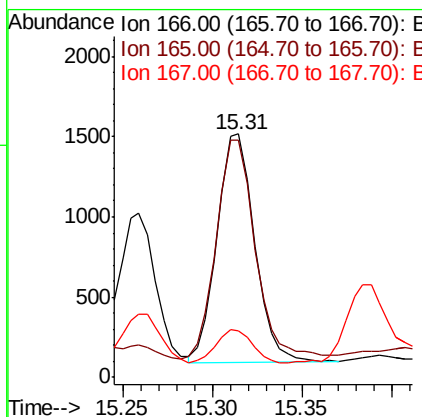
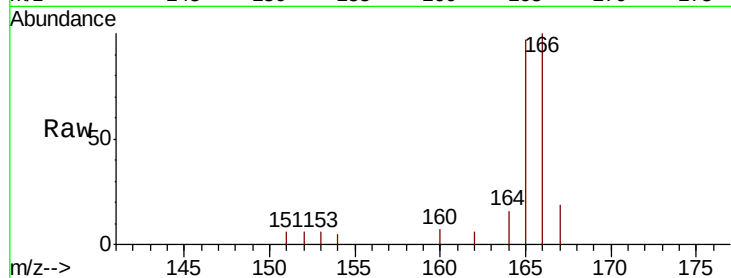
ClientSampleId :

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Tot Ion:	166	Resp:	2086
Ion Ratio	Lower	Upper	
166	100		
165	97.2	76.6	115.0
167	19.1	11.7	17.5#

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#12

Phenanthrene

Concen: 0.667 ng/ul m

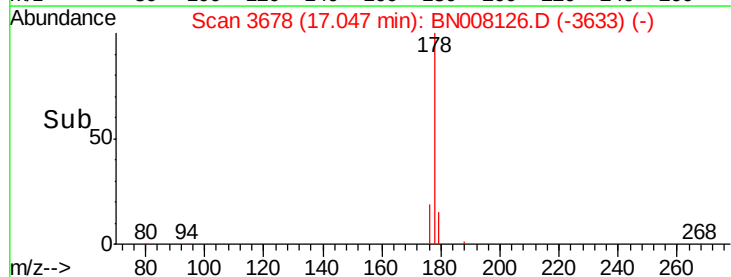
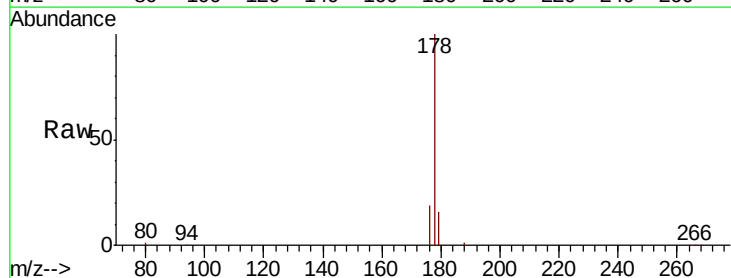
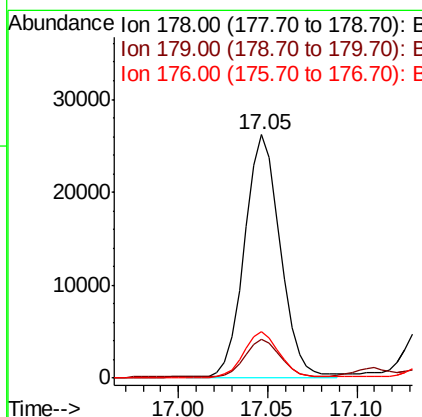
RT: 17.05 min Scan# 3678

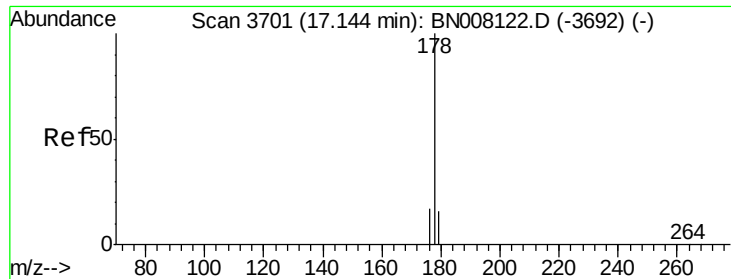
Delta R.T. -0.01 min

Lab File: BN008126.D

Acq: 13 Oct 2019 00:18

Tgt Ion:	178	Resp:	36162
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.8	19.2
176	18.9	15.4	23.2





#13

Anthracene

Concen: 0.164 ng/ul m

RT: 17.14 min Scan# 3699

Delta R.T. -0.01 min

Lab File: BN008126.D

Acq: 13 Oct 2019 00:18

Instrument :

BNA_N

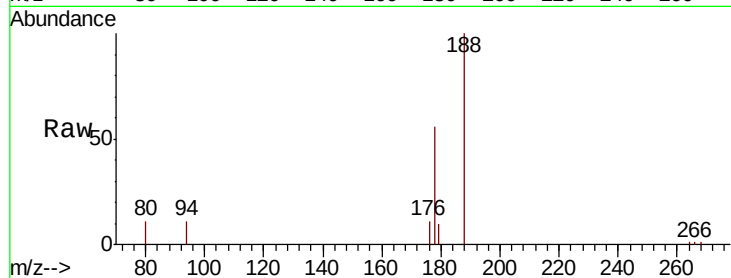
ClientSampleId :

BEPH9

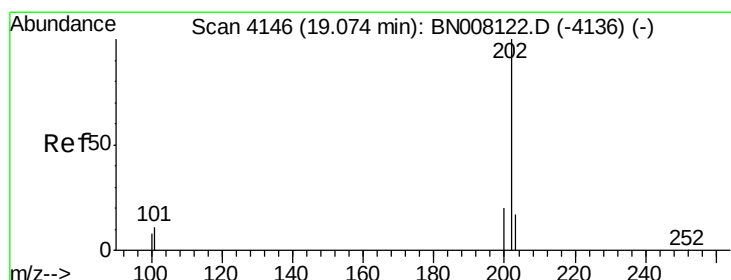
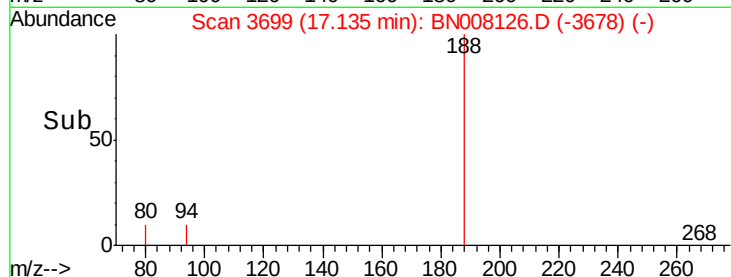
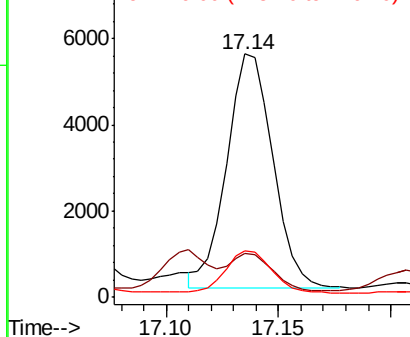
Tot Ion:178	Resp:	7814
Ion Ratio	Lower	Upper
178	100	
179	17.9	13.0 19.6
176	19.3	15.0 22.6

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.863 ng/ul m

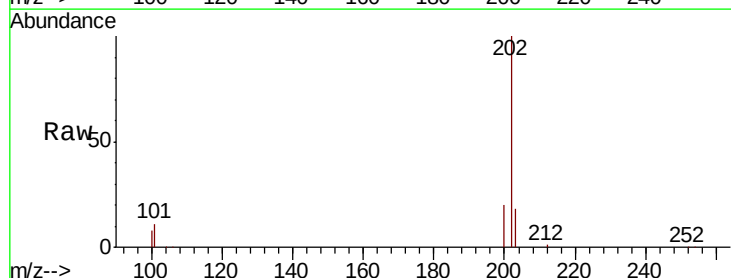
RT: 19.07 min Scan# 4145

Delta R.T. -0.01 min

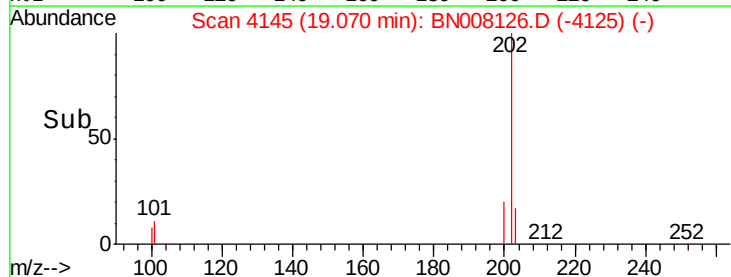
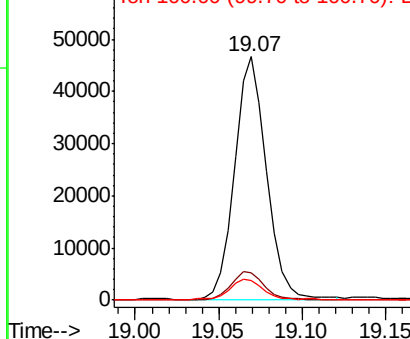
Lab File: BN008126.D

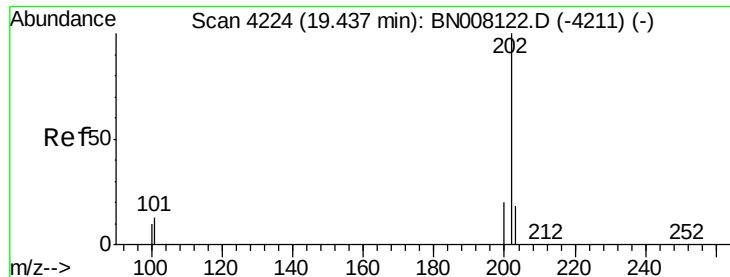
Acq: 13 Oct 2019 00:18

Tgt Ion:202	Resp:	61859
Ion Ratio	Lower	Upper
202	100	
101	11.1	0.0 31.2
100	8.2	0.0 28.5



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





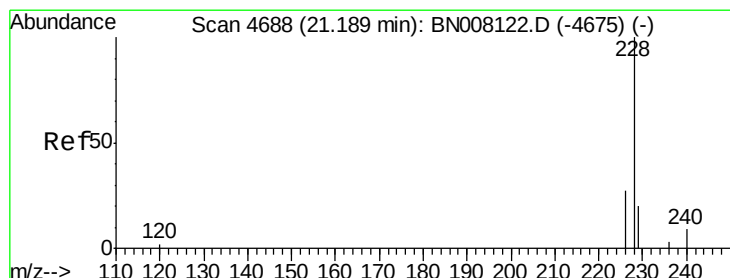
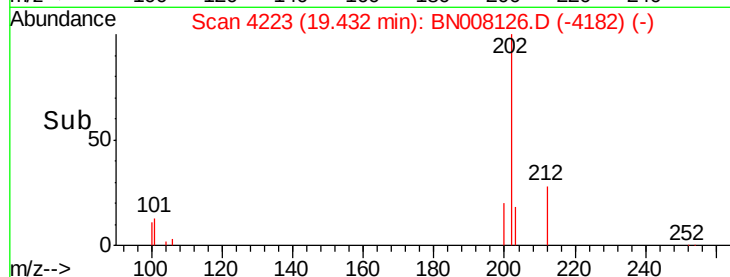
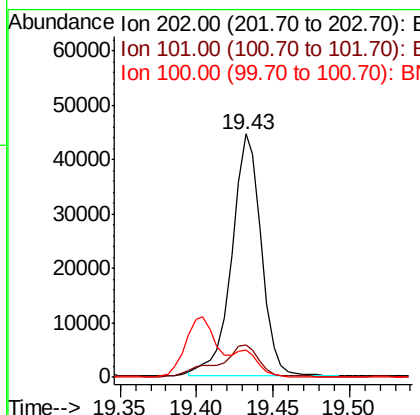
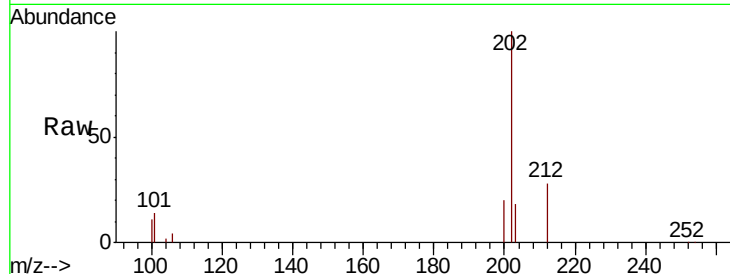
#17
Pvrene
Concen: 0.763 ng/ul
RT: 19.43 min Scan# 4223
Delta R.T. -0.01 min
Lab File: BN008126.D
Acq: 13 Oct 2019 00:18

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.9	16.3
100	11.4	8.7	13.1

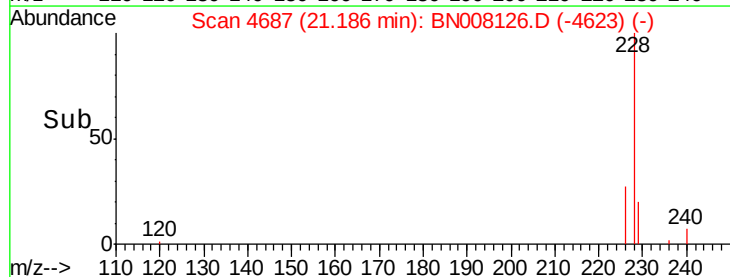
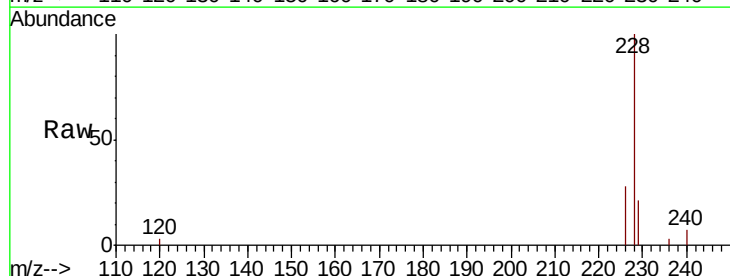
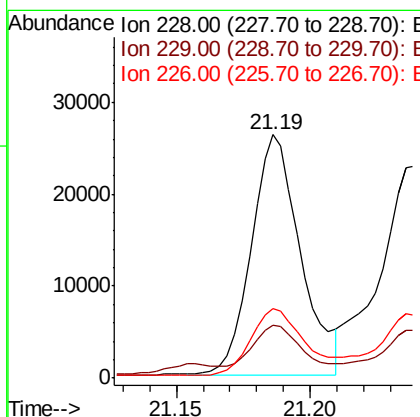
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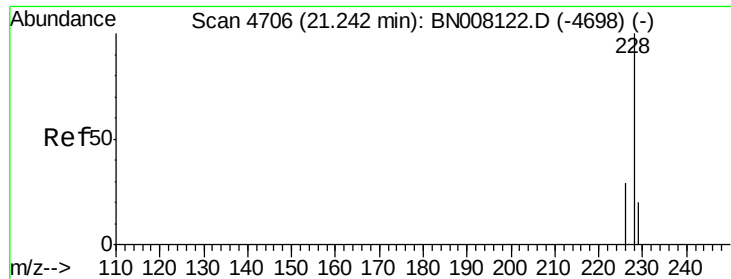
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#18
Benzo(a)anthracene
Concen: 0.473 ng/ul m
RT: 21.19 min Scan# 4687
Delta R.T. -0.01 min
Lab File: BN008126.D
Acq: 13 Oct 2019 00:18

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.2	24.2
226	28.5	21.4	32.0





#19

Chrysene

Concen: 0.385 ng/ul

RT: 21.24 min Scan# 4705

Delta R.T. -0.01 min

Lab File: BN008126.D

Acq: 13 Oct 2019 00:18

Instrument :

BNA_N

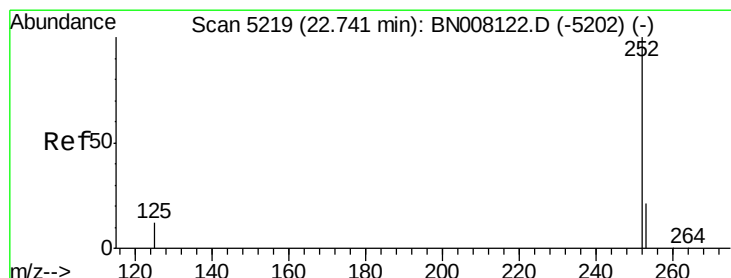
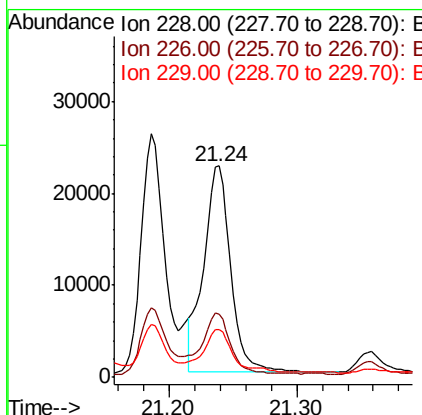
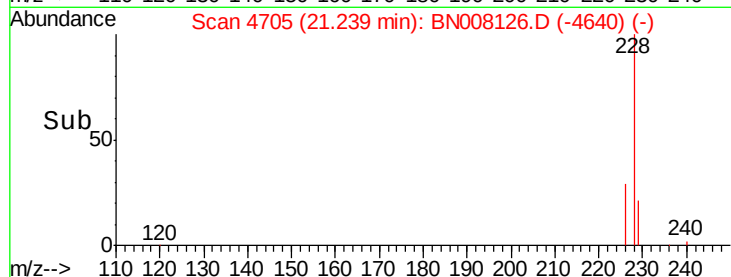
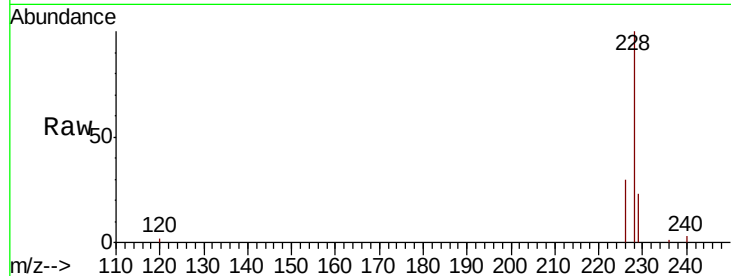
ClientSampleId :

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Tot Ion:	228	Resp:	33523
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.1	36.1
229	22.7	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 0.757 ng/ul m

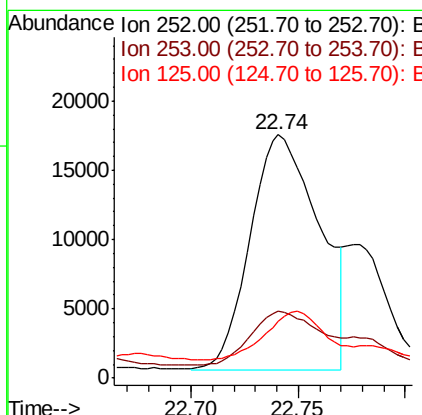
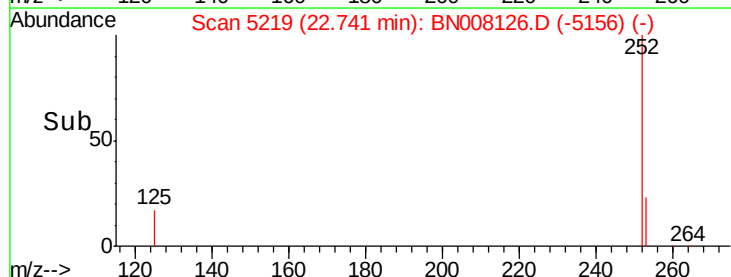
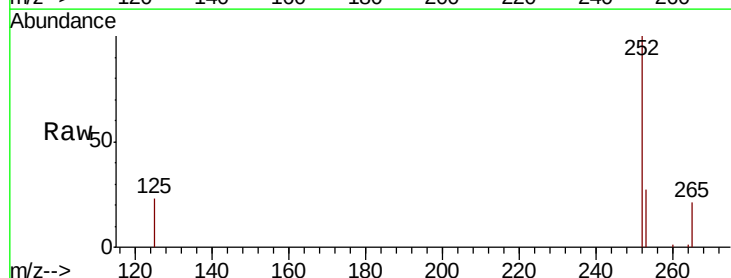
RT: 22.74 min Scan# 5219

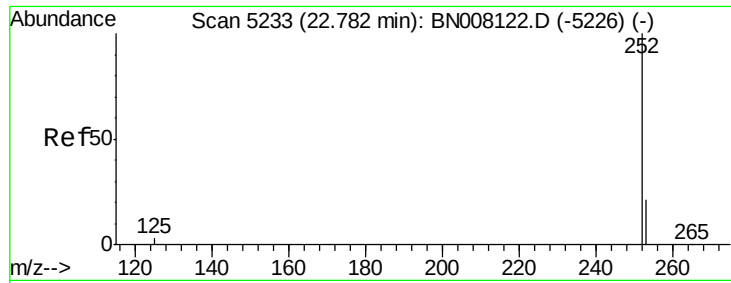
Delta R.T. -0.01 min

Lab File: BN008126.D

Acq: 13 Oct 2019 00:18

Tgt Ion:	252	Resp:	38301
Ion Ratio	Lower	Upper	
252	100		
253	27.3	0.0	53.4
125	23.2	0.0	32.4





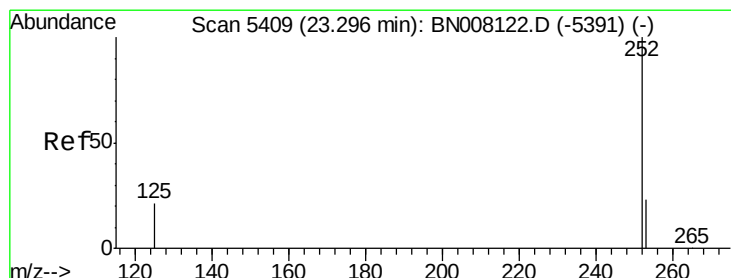
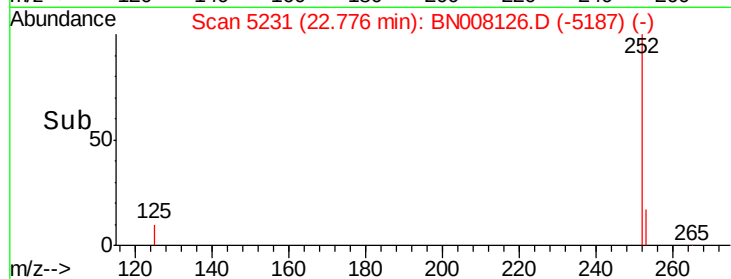
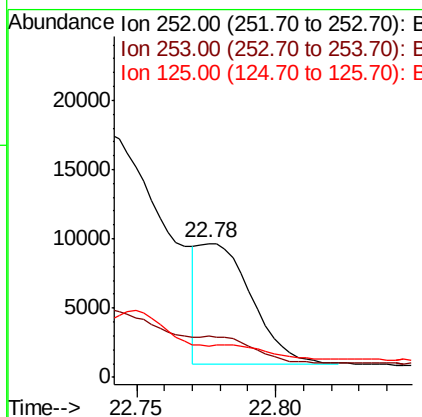
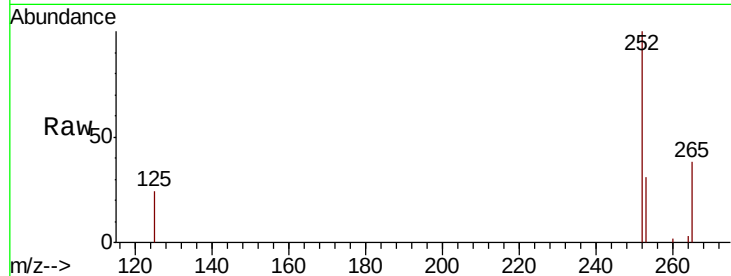
#22
Benzo(k)fluoranthene
Concen: 0.200 ng/ul m
RT: 22.78 min Scan# 5231
Delta R.T. -0.02 min
Lab File: BN008126.D
Acq: 13 Oct 2019 00:18

Instrument :
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Tot Ion	Ratio	Lower	Upper
252	100		
253	30.5	21.3	31.9
125	23.7	12.3	18.5

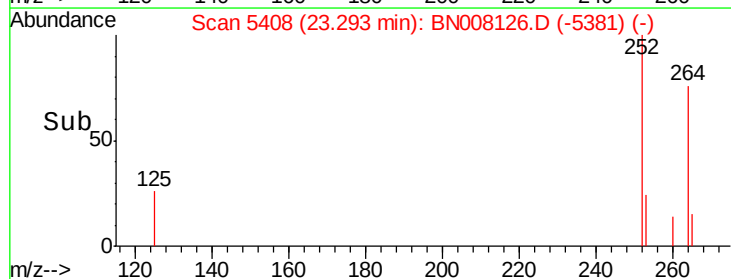
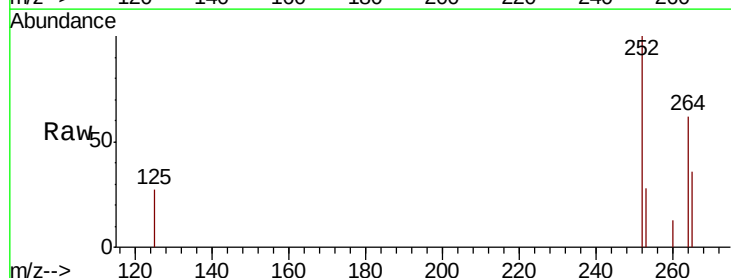
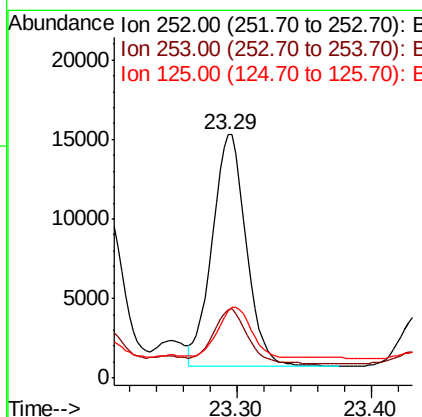
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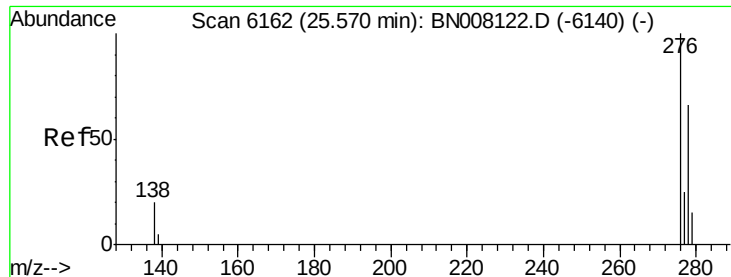
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#23
Benzo(a)pyrene
Concen: 0.485 ng/ul
RT: 23.29 min Scan# 5408
Delta R.T. -0.02 min
Lab File: BN008126.D
Acq: 13 Oct 2019 00:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.1	22.8	34.2
125	27.5	18.4	27.6





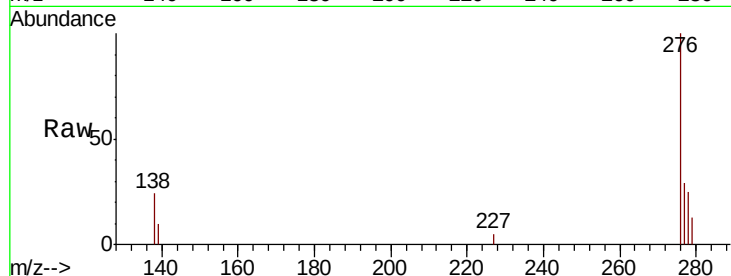
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.230 ng/ul
RT: 25.56 min Scan# 6160
Delta R.T. -0.03 min
Lab File: BN008126.D
Acq: 13 Oct 2019 00:18

Instrument :
BNA_N
ClientSampleId :
BEPH9

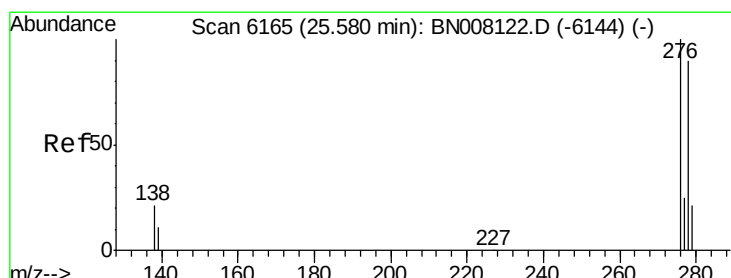
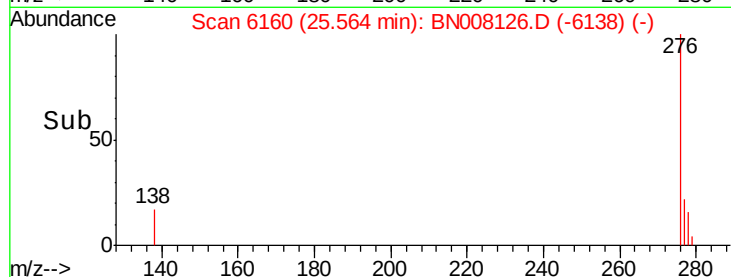
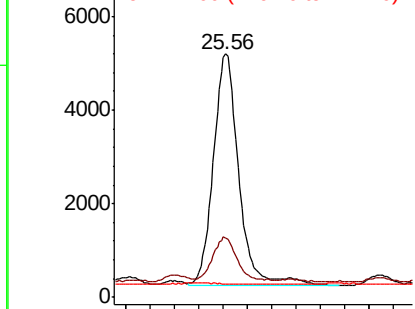
Tot Ion	Ratio	Lower	Upper
276	100		
138	17.2	16.1	24.1
227	0.0	0.2	0.2

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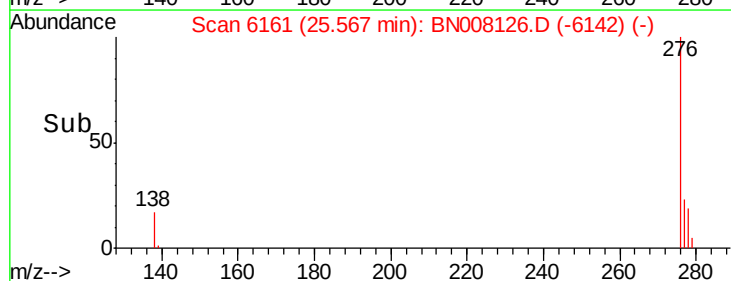
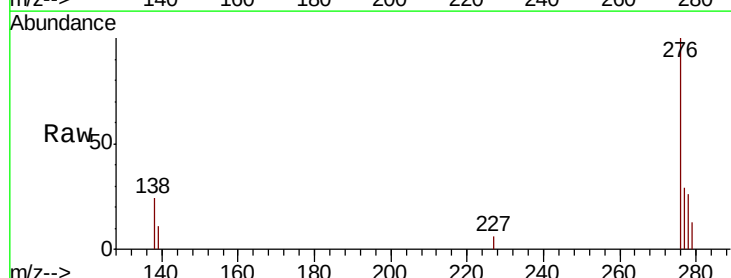
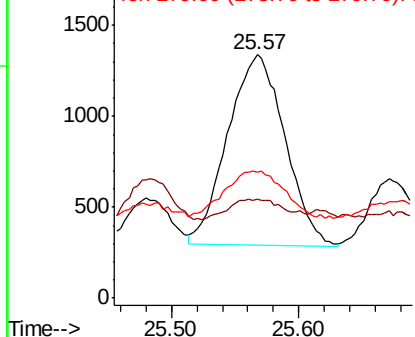
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E

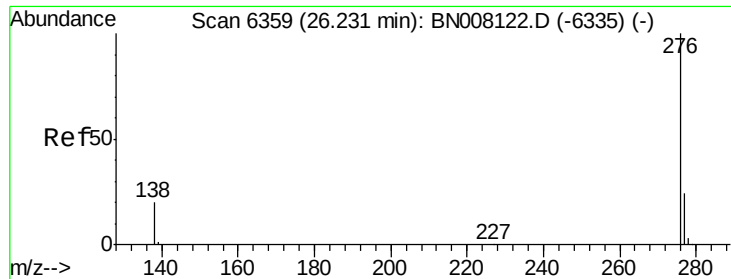


#25
Dibenzo(a,h)anthracene
Concen: 0.066 ng/ul
RT: 25.57 min Scan# 6161
Delta R.T. -0.04 min
Lab File: BN008126.D
Acq: 13 Oct 2019 00:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	40.6	15.0	22.6
279	51.8	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: 0.236 ng/ul

RT: 26.22 min Scan# 6357

Delta R.T. -0.03 min

Lab File: BN008126.D

Acq: 13 Oct 2019 00:18

Instrument :

BNA_N

ClientSampleId :

BEPH9

Tot Ion:	276	Resp:	13580
Ion Ratio	Lower	Upper	
276	100		
138	24.6	17.0	25.4
277	28.0	20.4	30.6

Manual Integrations
APPROVED

mohammad
10/15/2019 7:59:29 AM

