

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008125.D
 Acq On : 12 Oct 2019 23:42
 Operator : JU
 Sample : K5178-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD5

Manual Integrations
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Quant Time: Oct 14 16:12:57 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 : 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	2938	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	14404	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	9229	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	21690m	0.40	ng/ul	-0.01
16) Chrysene-d12	21.20	240	21458m	0.40	ng/ul	-0.01
20) Perylene-d12	23.39	264	17110m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	4322	0.18	ng/ul	-0.01
14) Fluoranthene-d10	19.04	212	14391m	0.19	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	969	0.024	ng/ul#	76
5) 2-Methylnaphthalene	12.07	142	606	0.022	ng/ul	98
7) Acenaphthylene	13.98	152	3358	0.076	ng/ul	95
12) Phenanthrene	17.05	178	9141	0.144	ng/ul	98
13) Anthracene	17.14	178	3325m	0.059	ng/ul	
15) Fluoranthene	19.07	202	36056m	0.430	ng/ul	
17) Pyrene	19.43	202	38130	0.446	ng/ul	99
18) Benzo(a)anthracene	21.19	228	28464m	0.365	ng/ul	
19) Chrysene	21.24	228	32839m	0.343	ng/ul	
21) Benzo(b)fluoranthene	22.74	252	39212m	0.704	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	15028m	0.238	ng/ul	
23) Benzo(a)pyrene	23.29	252	28445m	0.485	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.56	276	17394m	0.252	ng/ul	
25) Dibenzo(a,h)anthracene	25.56	278	4557m	0.084	ng/ul	
26) Benzo(g,h,i)perylene	26.23	276	19399m	0.306	ng/ul	

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

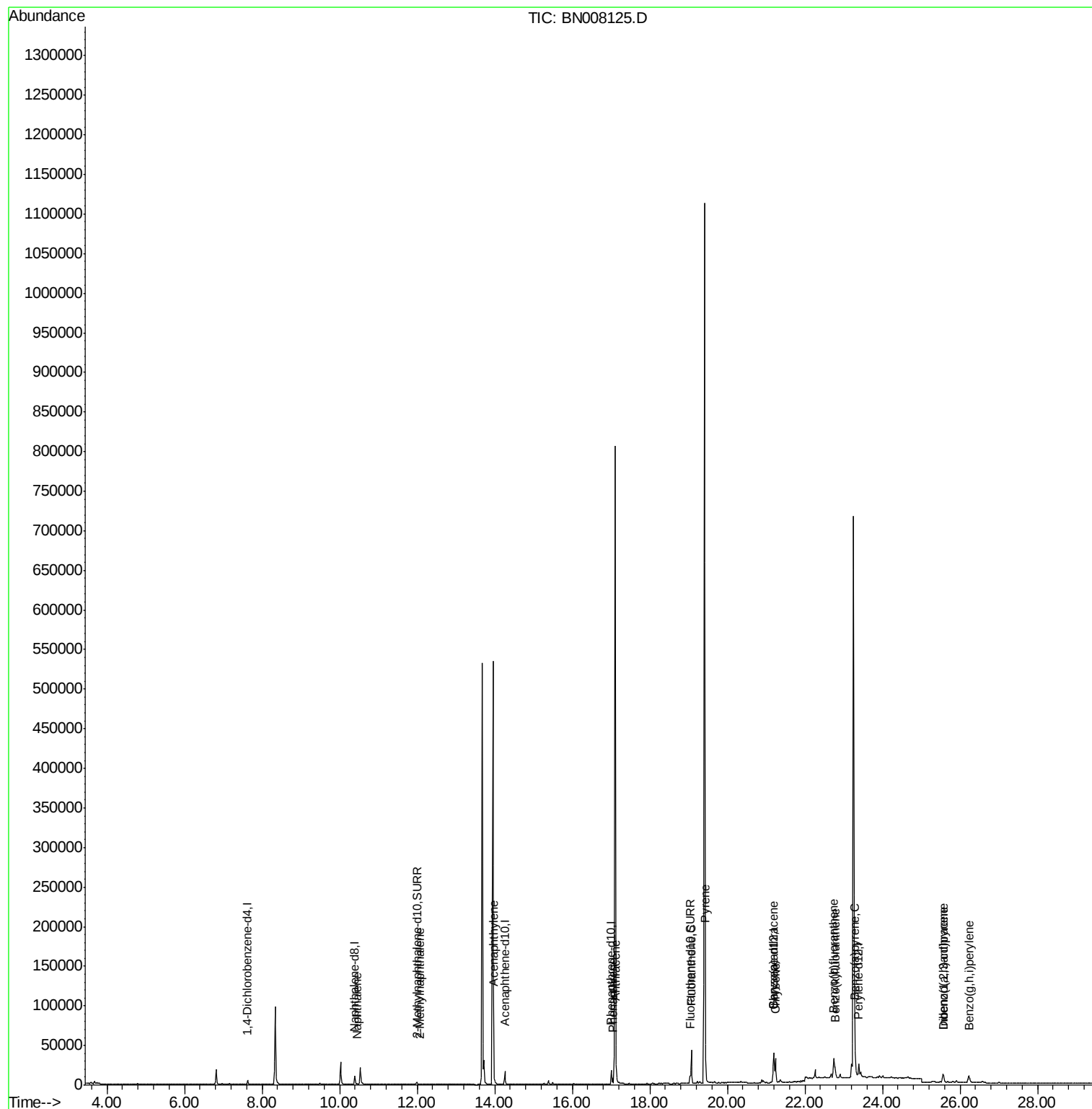
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008125.D
Acq On : 12 Oct 2019 23:42
Operator : JU
Sample : K5178-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

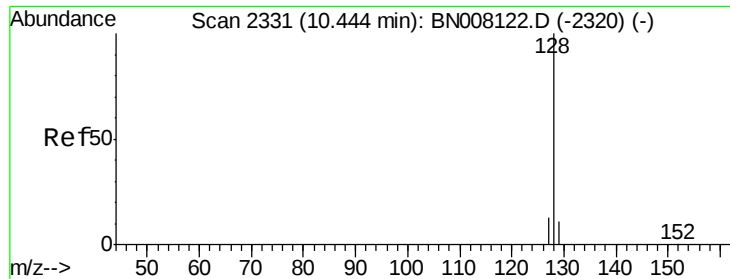
Instrument :
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Quant Time: Oct 14 16:12:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.024 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BN008125.D

Acq: 12 Oct 2019 23:42

Instrument :

BNA_N

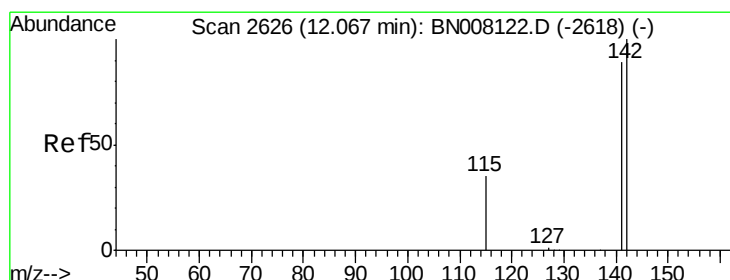
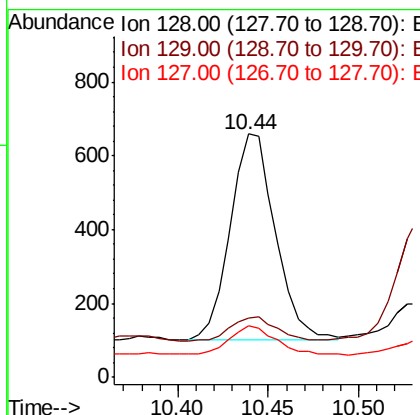
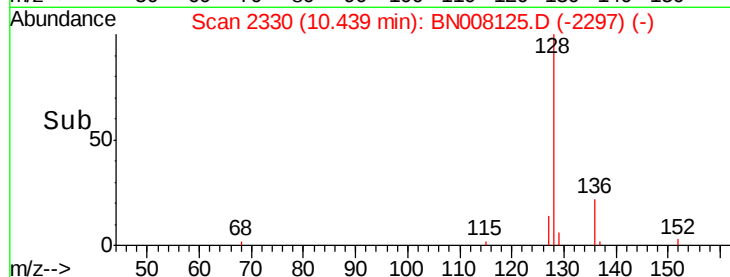
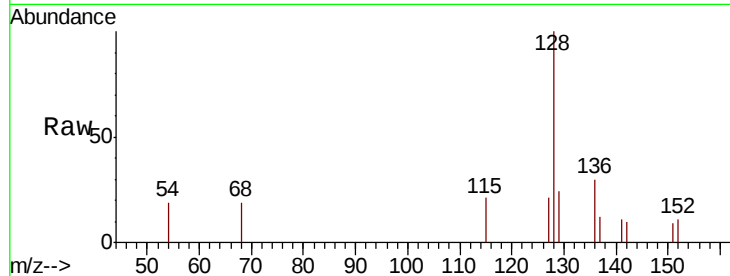
ClientSampleId :

BEPD5

Tot Ion:	128	Resp:	969
Ion Ratio	Lower	Upper	
128	100		
129	24.1	9.8	14.8#
127	21.2	11.1	16.7#

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#5

2-Methylnaphthalene

Concen: 0.022 ng/ul

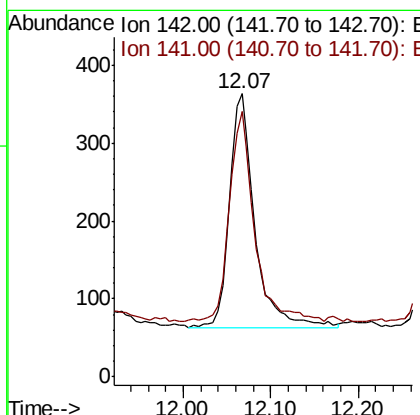
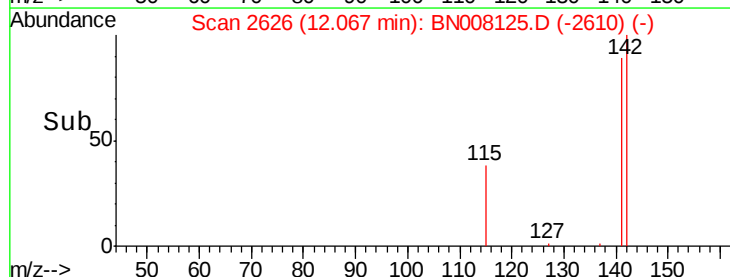
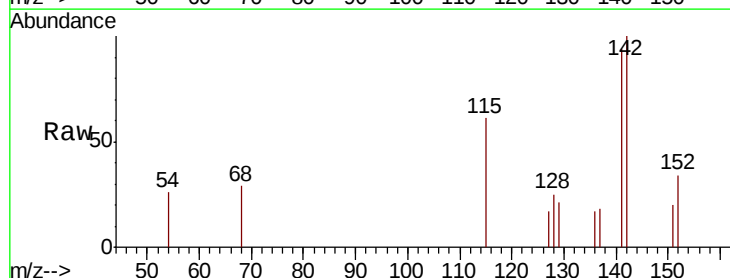
RT: 12.07 min Scan# 2626

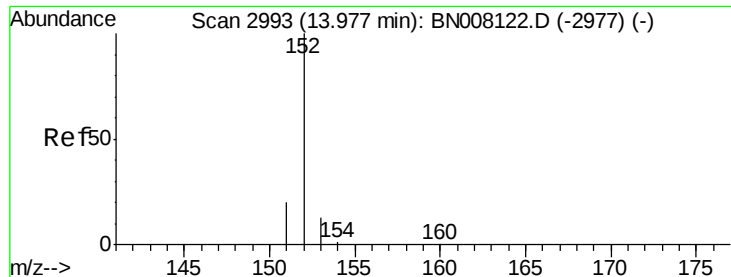
Delta R.T. -0.01 min

Lab File: BN008125.D

Acq: 12 Oct 2019 23:42

Tgt Ion:	142	Resp:	606
Ion Ratio	Lower	Upper	
142	100		
141	87.8	71.4	107.2





#7

Acenaphthylene

Concen: 0.076 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BN008125.D

Acq: 12 Oct 2019 23:42

Instrument :

BNA_N

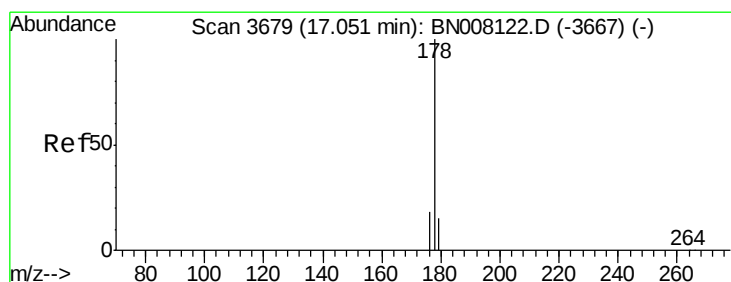
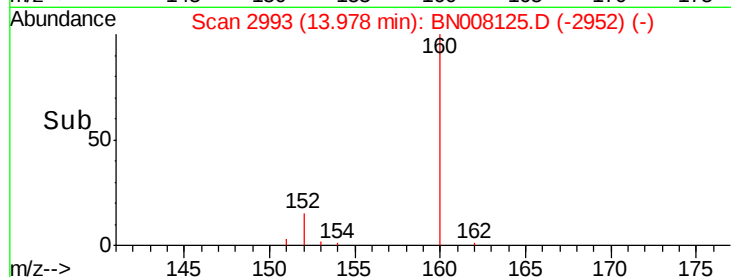
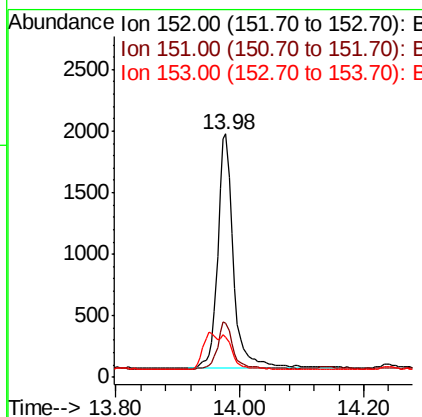
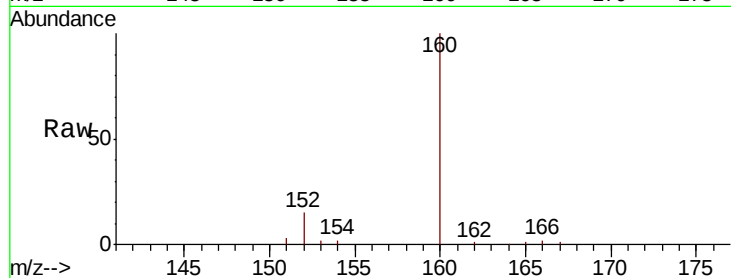
ClientSampleId :

BEPD5

Tot Ion:	152	Resp:	3358
Ion Ratio	Lower	Upper	
152	100		
151	22.2	16.2	24.4
153	16.4	11.0	16.4

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#12

Phenanthrene

Concen: 0.144 ng/ul

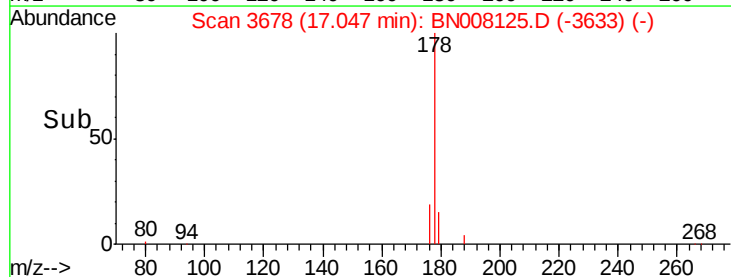
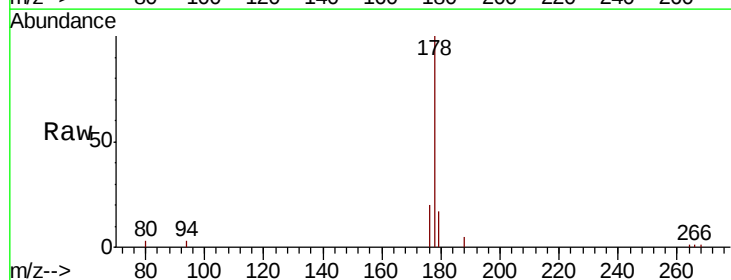
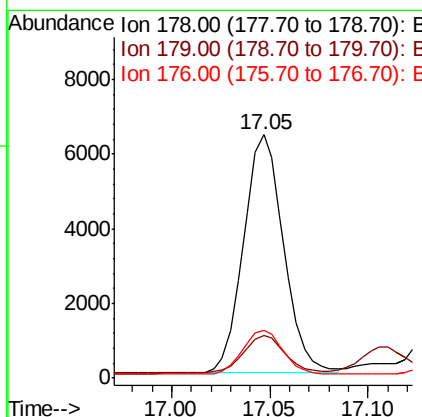
RT: 17.05 min Scan# 3678

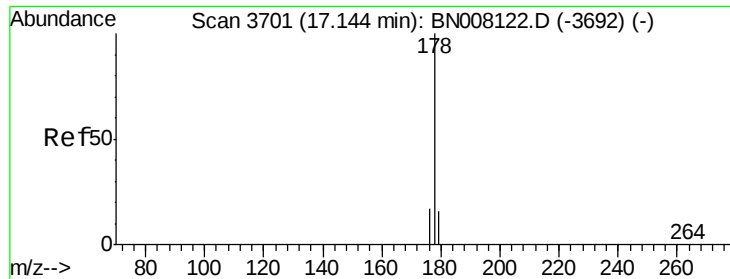
Delta R.T. -0.01 min

Lab File: BN008125.D

Acq: 12 Oct 2019 23:42

Tgt Ion:	178	Resp:	9141
Ion Ratio	Lower	Upper	
178	100		
179	17.4	12.8	19.2
176	19.8	15.4	23.2





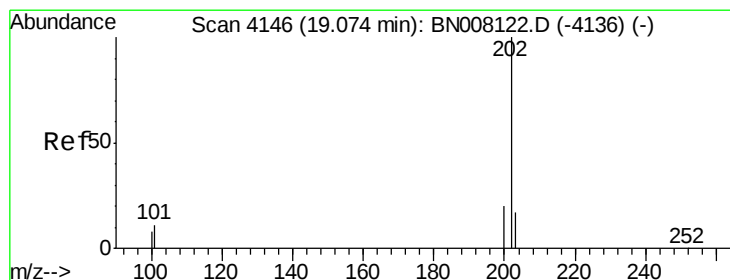
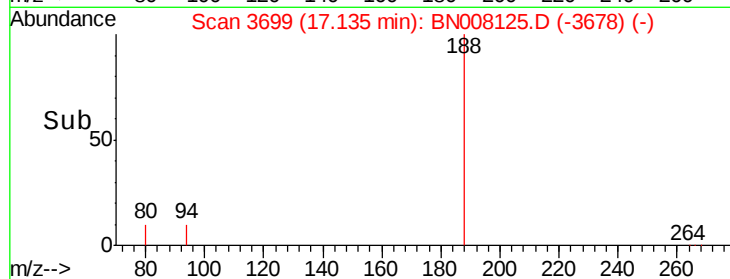
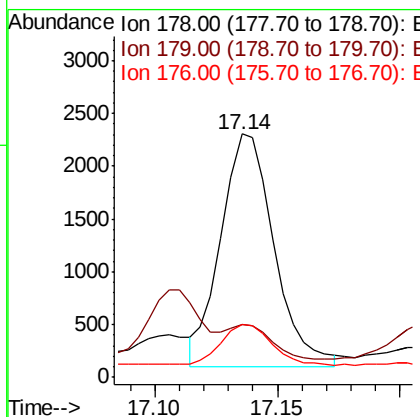
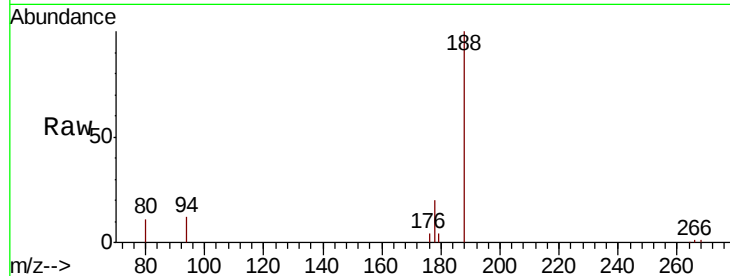
#13
 Anthracene
 Concen: 0.059 ng/ul m
 RT: 17.14 min Scan# 3699
 Delta R.T. -0.01 min
 Lab File: BN008125.D
 Acq: 12 Oct 2019 23:42

Instrument :
 BNA_N
 ClientSampleId :
 BEPD5

Tot Ion	Ratio	Lower	Upper
178	100		
179	21.6	13.0	19.6#
176	21.5	15.0	22.6

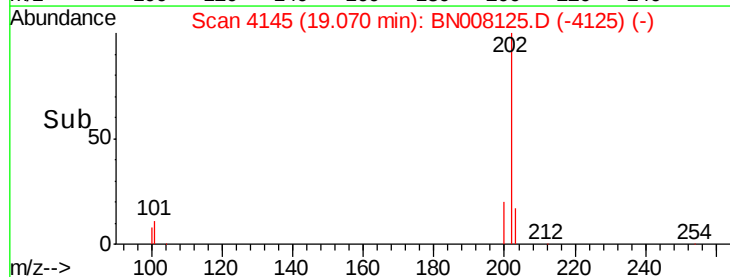
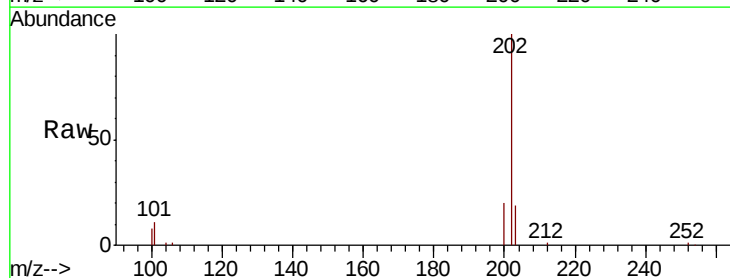
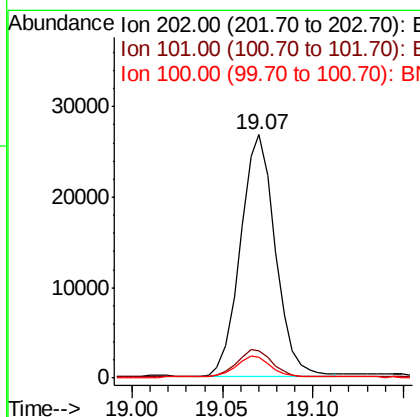
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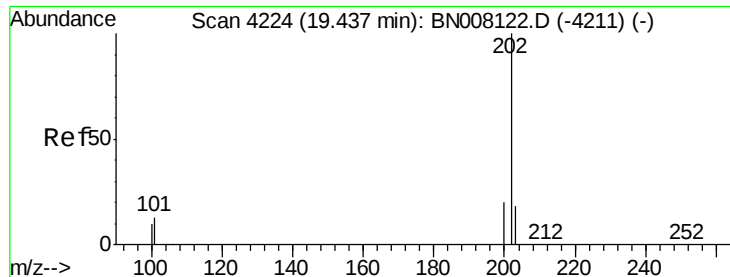
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#15
 Fluoranthene
 Concen: 0.430 ng/ul m
 RT: 19.07 min Scan# 4145
 Delta R.T. -0.01 min
 Lab File: BN008125.D
 Acq: 12 Oct 2019 23:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.2
100	8.5	0.0	28.5





#17

Pvrene

Concen: 0.446 ng/ul

RT: 19.43 min Scan# 4223

Delta R.T. -0.01 min

Lab File: BN008125.D

Acq: 12 Oct 2019 23:42

Instrument :

BNA_N

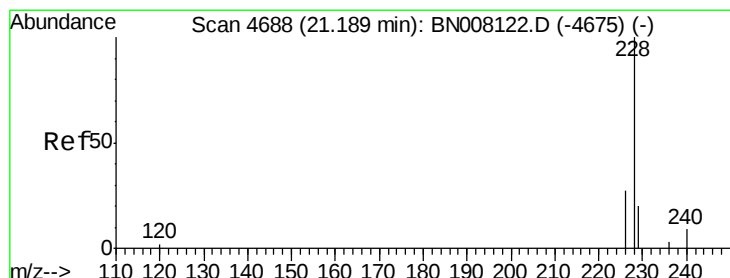
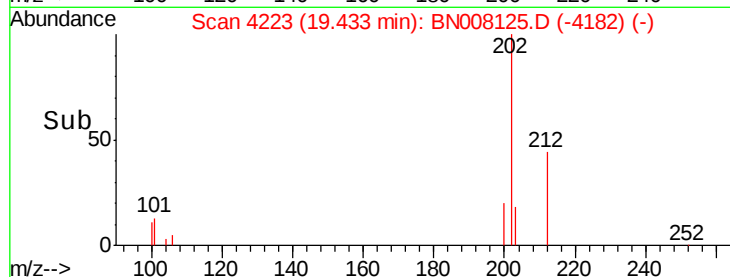
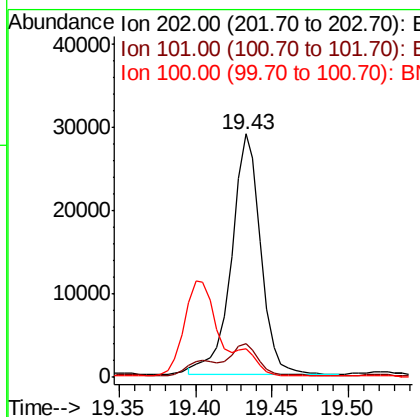
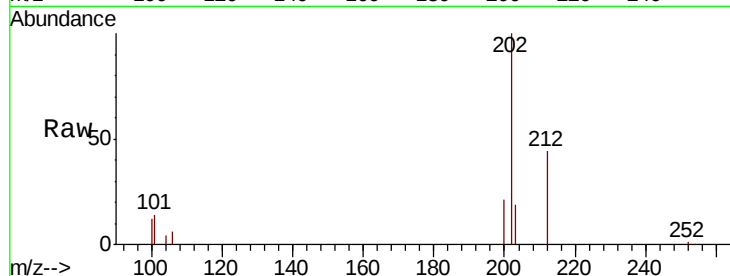
ClientSampleId :

BEPD5

Tot Ion:	202	Resp:	38130
Ion Ratio	Lower	Upper	
202	100		
101	13.9	10.9	16.3
100	11.6	8.7	13.1

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#18

Benzo(a)anthracene

Concen: 0.365 ng/ul m

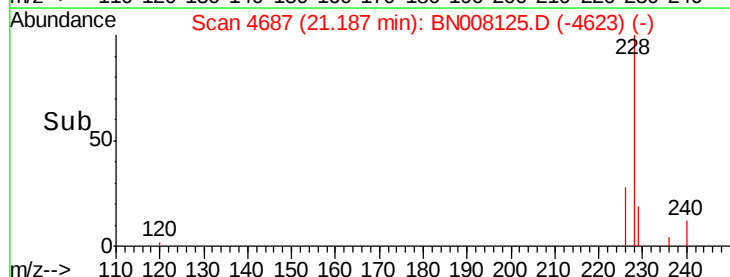
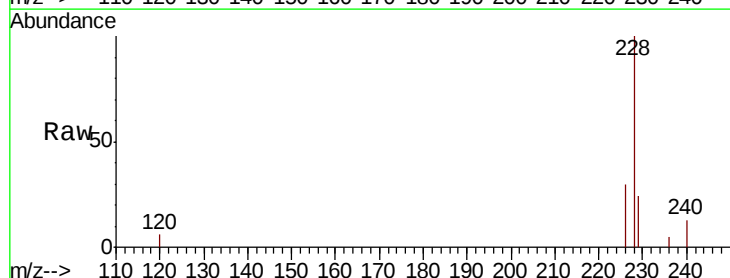
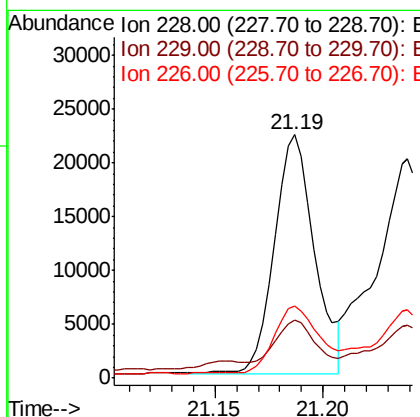
RT: 21.19 min Scan# 4687

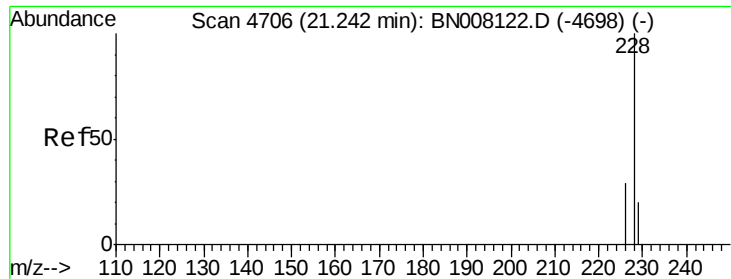
Delta R.T. -0.01 min

Lab File: BN008125.D

Acq: 12 Oct 2019 23:42

Tgt Ion:	228	Resp:	28464
Ion Ratio	Lower	Upper	
228	100		
229	23.9	16.2	24.2
226	29.8	21.4	32.0





#19

Chrysene

Concen: 0.343 ng/ul m

RT: 21.24 min Scan# 4705

Delta R.T. -0.01 min

Lab File: BN008125.D

Acq: 12 Oct 2019 23:42

Instrument :

BNA_N

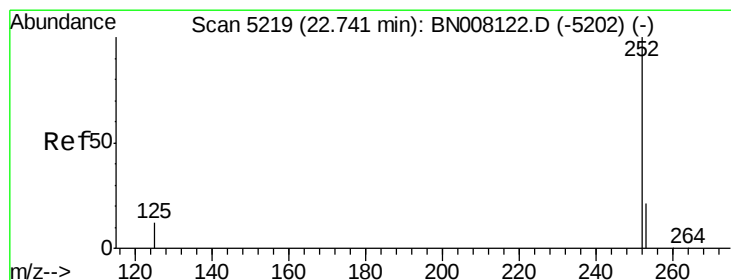
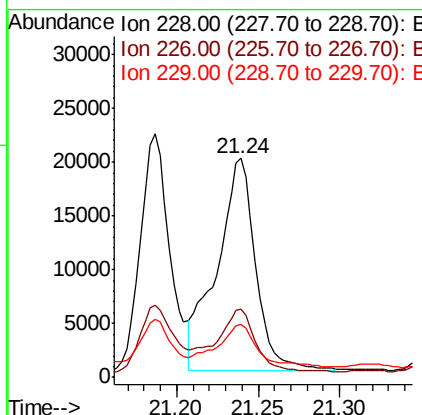
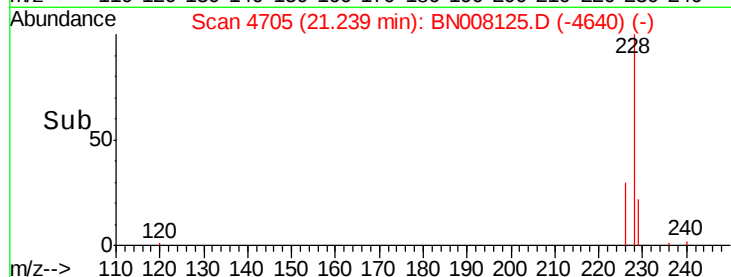
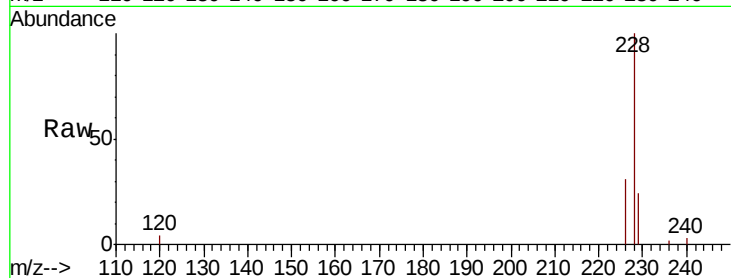
ClientSampleId :

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Tot Ion:	228	Resp:	32839
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.1	36.1
229	24.2	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 0.704 ng/ul m

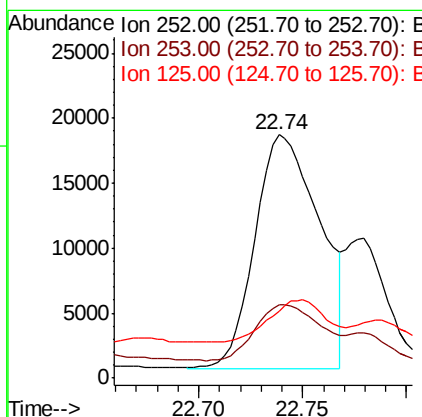
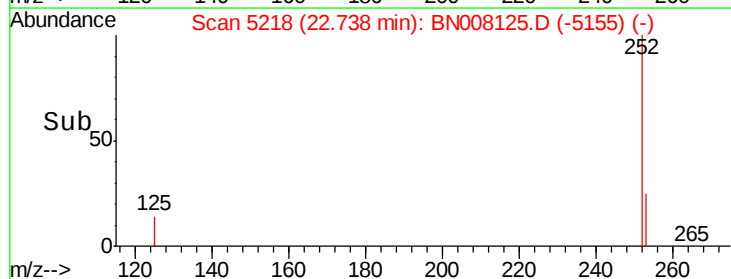
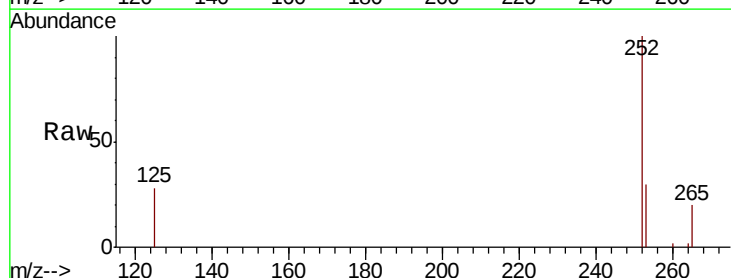
RT: 22.74 min Scan# 5218

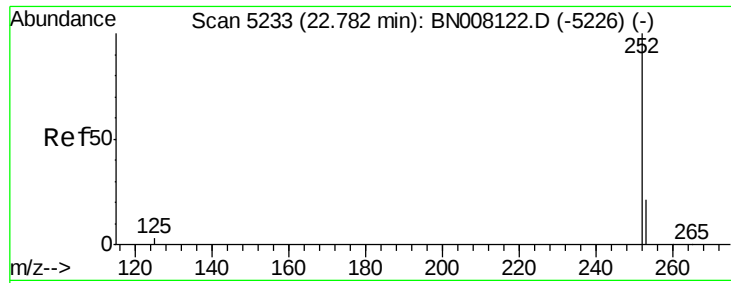
Delta R.T. -0.02 min

Lab File: BN008125.D

Acq: 12 Oct 2019 23:42

Tgt Ion:	252	Resp:	39212
Ion Ratio	Lower	Upper	
252	100		
253	30.3	0.0	53.4
125	27.6	0.0	32.4





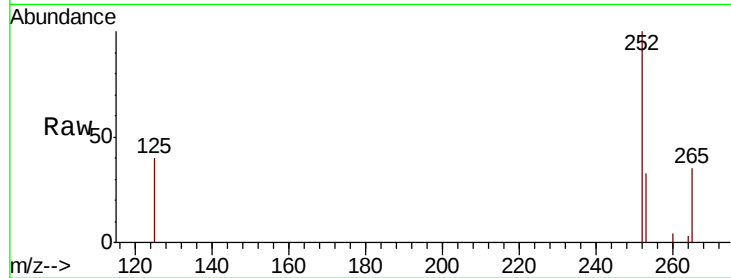
#22
Benzo(k)fluoranthene
Concen: 0.238 ng/ul m
RT: 22.78 min Scan# 5232
Delta R.T. -0.02 min
Lab File: BN008125.D
Acq: 12 Oct 2019 23:42

Instrument :
BNA_N
ClientSampleId :
BEPD5

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.7	21.3	31.9#
125	39.7	12.3	18.5#

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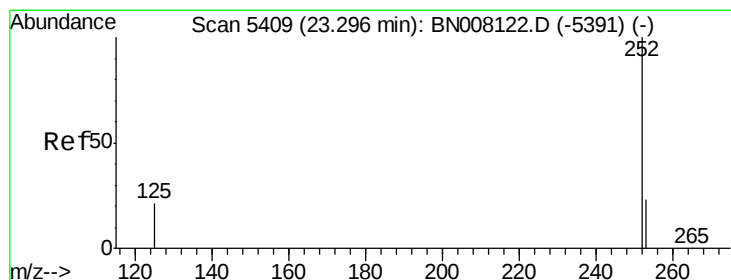
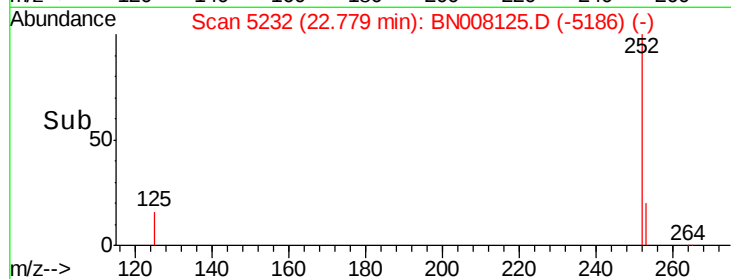
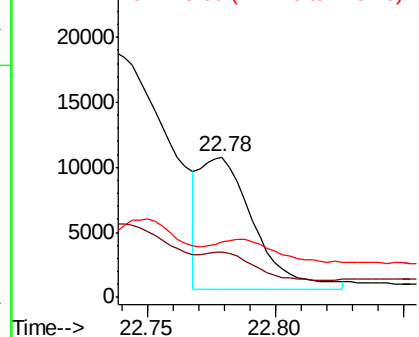


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#23
Benzo(a)pyrene
Concen: 0.485 ng/ul m
RT: 23.29 min Scan# 5408
Delta R.T. -0.02 min
Lab File: BN008125.D
Acq: 12 Oct 2019 23:42

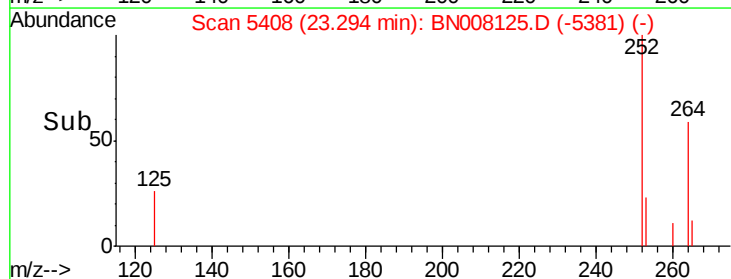
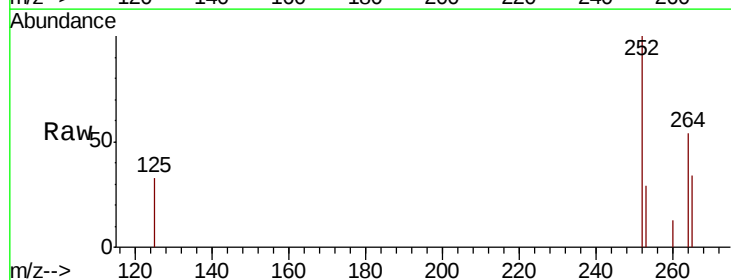
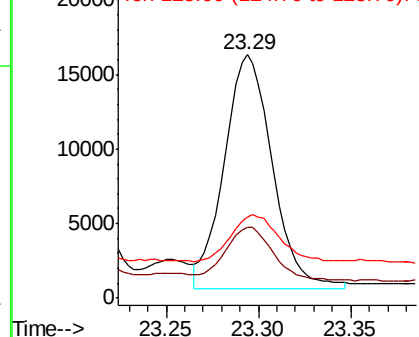
Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.0	22.8	34.2
125	33.4	18.4	27.6#

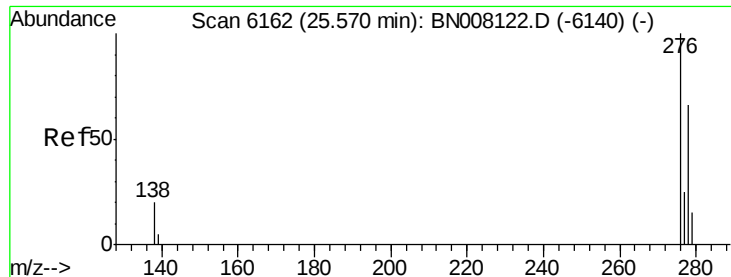
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

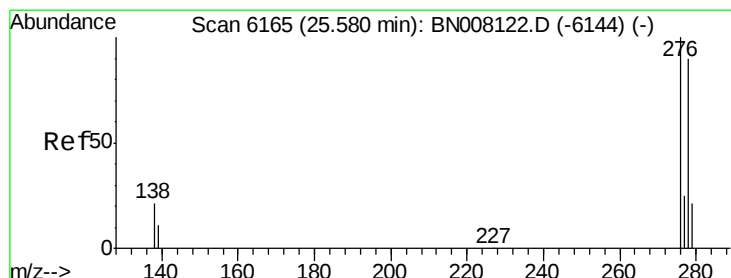
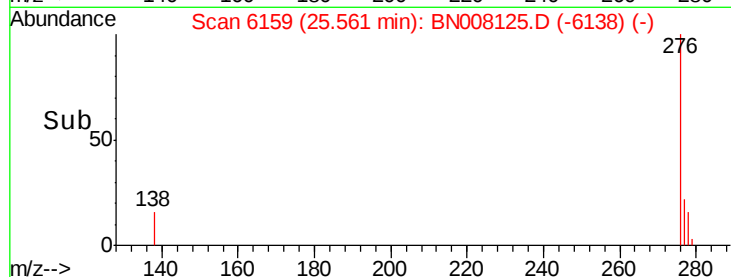
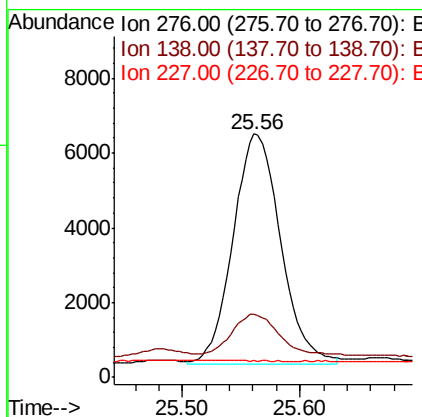
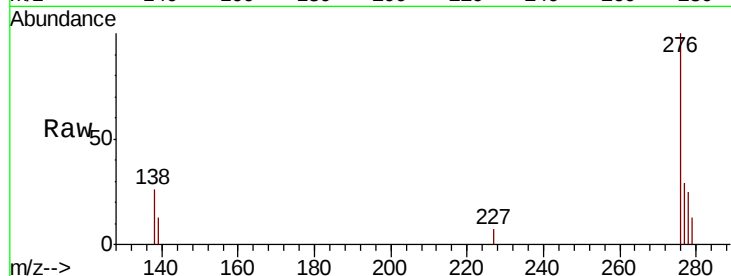
Indeno(1,2,3-cd)pyrene
Concen: 0.252 ng/ul m
RT: 25.56 min Scan# 6159
Delta R.T. -0.03 min
Lab File: BN008125.D
Acq: 12 Oct 2019 23:42

Instrument :
BNA_N
ClientSampleId :
BEPD5

Tot Ion	Ratio	Lower	Upper
276	100		
138	1.7	16.1	24.1#
227	0.1	0.2	0.2#

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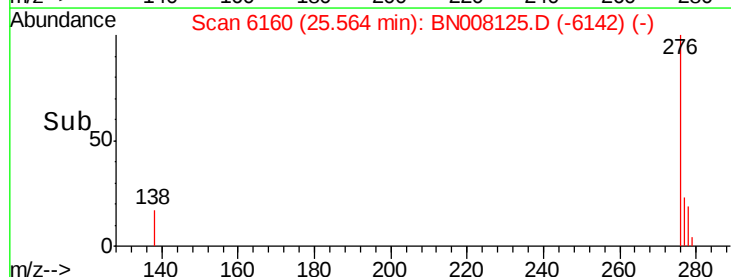
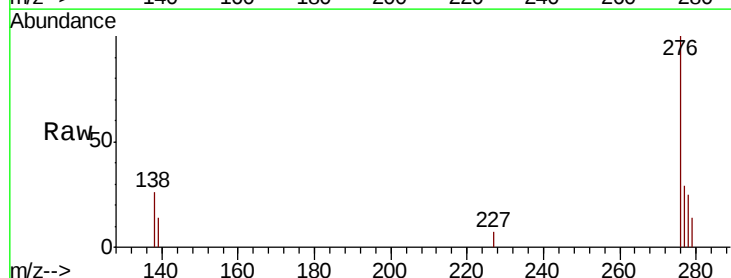
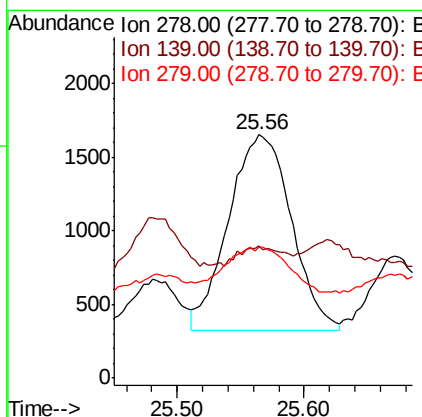
mohammad
10/15/2019 7:59:25 AM

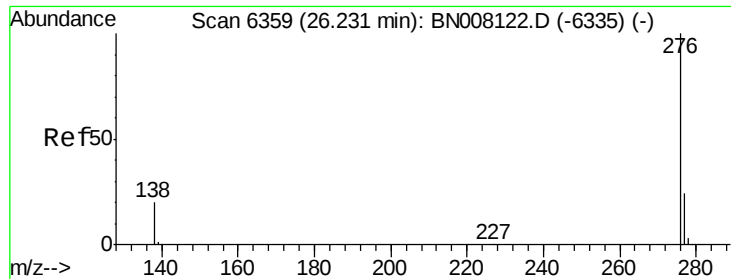


#25

Dibenzo(a,h)anthracene
Concen: 0.084 ng/ul m
RT: 25.56 min Scan# 6160
Delta R.T. -0.04 min
Lab File: BN008125.D
Acq: 12 Oct 2019 23:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	54.4	15.0	22.6#
279	53.7	22.4	33.6#





#26
 Benzo(a,h,i)perylene
 Concen: 0.306 ng/ul m
 RT: 26.23 min Scan# 6357
 Delta R.T. -0.03 min
 Lab File: BN008125.D
 Acq: 12 Oct 2019 23:42

Instrument :
 BNA_N
 ClientSampleId :
 BEPD5

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.9	17.0	25.4#
277	28.4	20.4	30.6

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:25 AM

