

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008124.D
 Acq On : 12 Oct 2019 23:06
 Operator : JU
 Sample : K5178-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD4

Manual Integrations
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mohammad
 10/15/2019 7:59:22 AM

Quant Time: Oct 13 04:40:46 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	2324	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	11369	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	7452	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	17103m	0.40	ng/ul	-0.01
16) Chrysene-d12	21.20	240	18851m	0.40	ng/ul	-0.01
20) Perylene-d12	23.39	264	16166m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	3749	0.20	ng/ul	-0.01
14) Fluoranthene-d10	19.04	212	12455m	0.21	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	1279	0.040	ng/ul#	82
5) 2-Methylnaphthalene	12.07	142	616	0.028	ng/ul	96
7) Acenaphthylene	13.98	152	3271	0.092	ng/ul#	94
12) Phenanthrene	17.05	178	3333m	0.067	ng/ul	
13) Anthracene	17.14	178	1854m	0.042	ng/ul	
15) Fluoranthene	19.07	202	21449m	0.324	ng/ul	
17) Pyrene	19.43	202	26106	0.348	ng/ul	98
18) Benzo(a)anthracene	21.19	228	26222m	0.383	ng/ul	
19) Chrysene	21.24	228	27441	0.326	ng/ul	97
21) Benzo(b)fluoranthene	22.74	252	55475m	1.054	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	17188m	0.288	ng/ul	
23) Benzo(a)pyrene	23.30	252	37605m	0.679	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.56	276	27330m	0.419	ng/ul	
25) Dibenzo(a,h)anthracene	25.57	278	6503m	0.126	ng/ul	
26) Benzo(g,h,i)perylene	26.22	276	31465m	0.526	ng/ul	

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

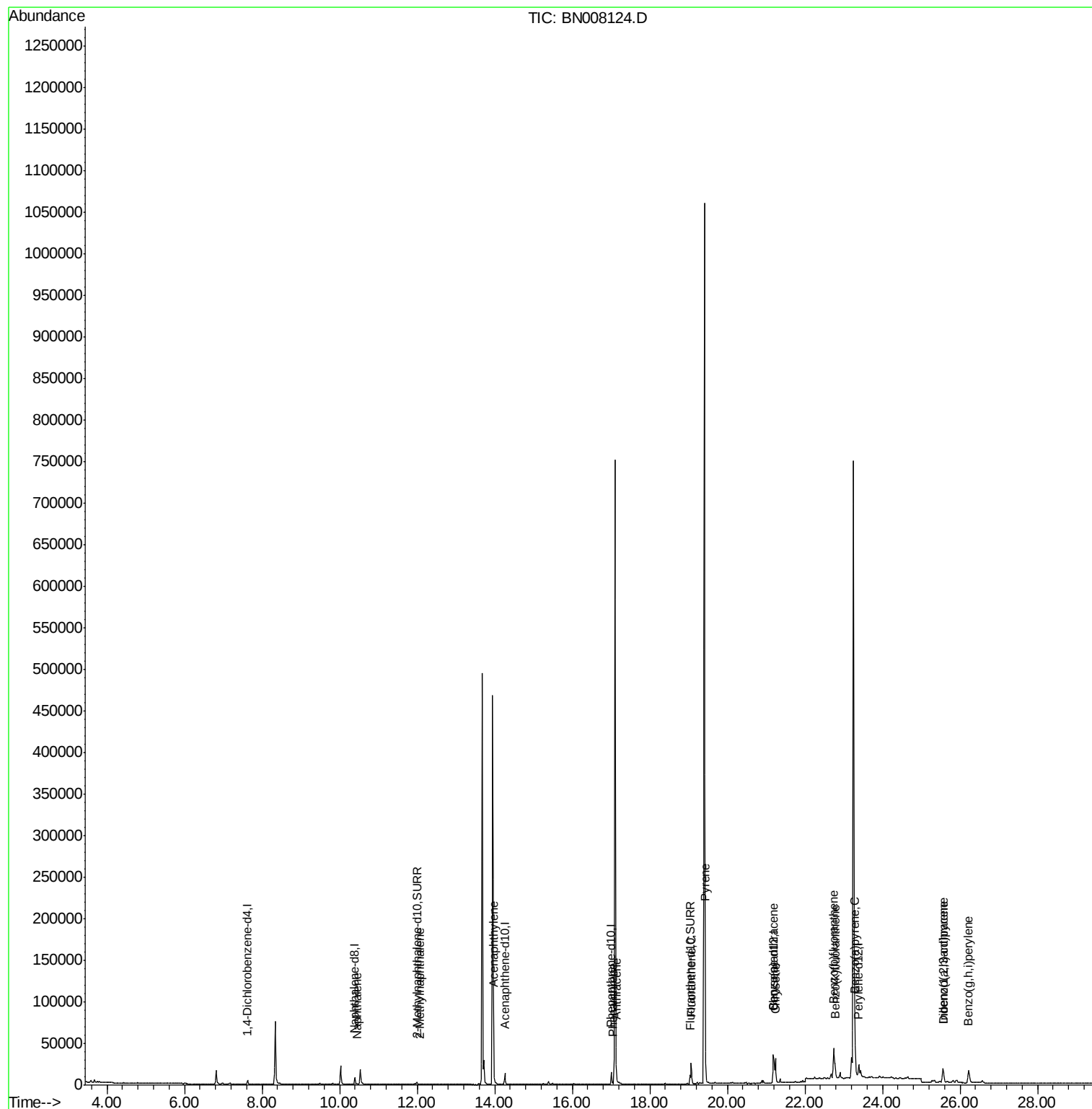
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008124.D
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ALS Vial : 8 Sample Multiplier: 1

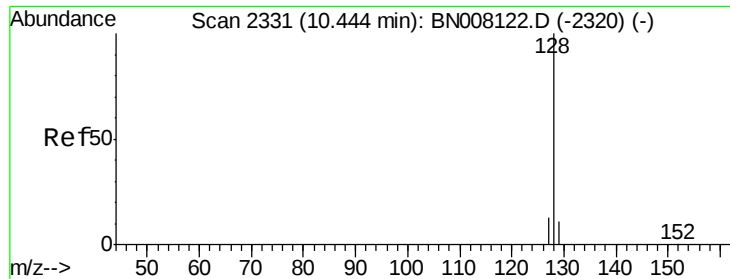
Instrument :
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QLast Update : Fri Oct 11 19:05:54 2019
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#3

Naphthalene

Concen: 0.040 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BN008124.D

Acq: 12 Oct 2019 23:06

Instrument :

BNA_N

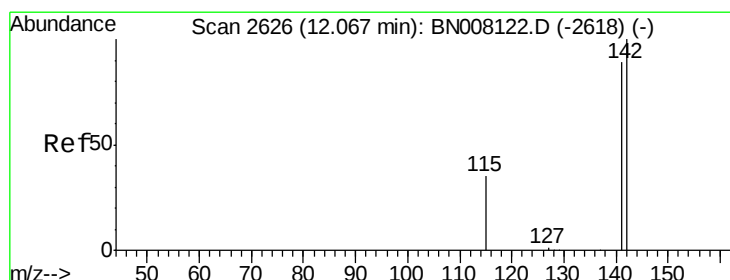
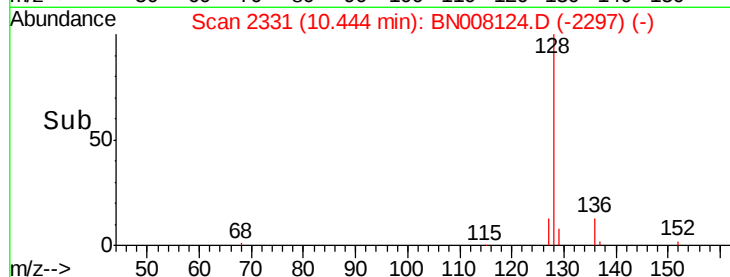
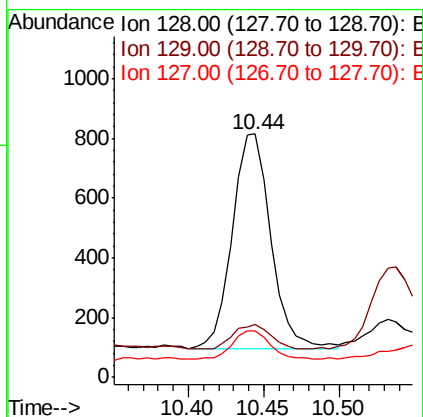
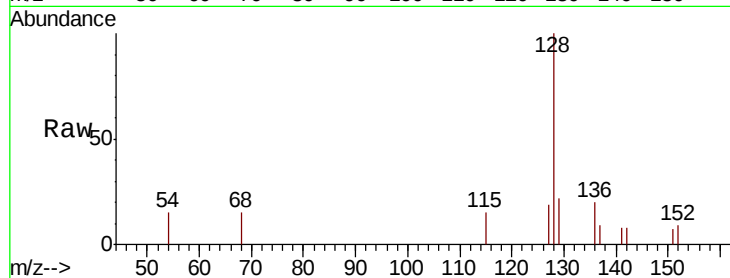
ClientSampleId :

BEPD4

Tot Ion:	128	Resp:	1279
Ion Ratio	Lower	Upper	
128	100		
129	21.7	9.8	14.8#
127	18.9	11.1	16.7#

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#5

2-Methylnaphthalene

Concen: 0.028 ng/ul

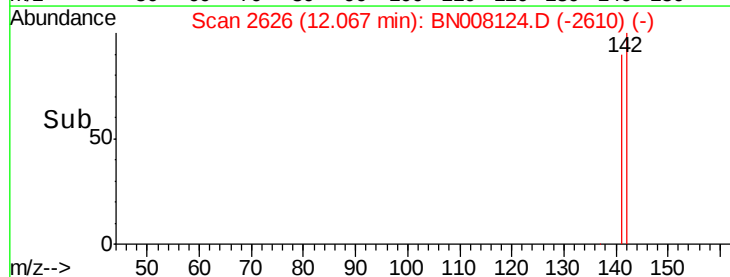
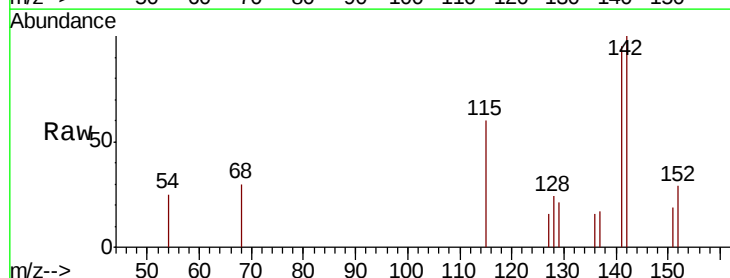
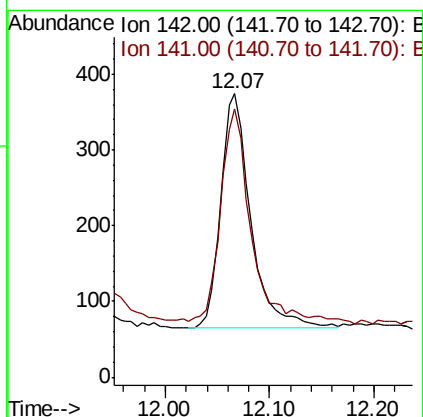
RT: 12.07 min Scan# 2626

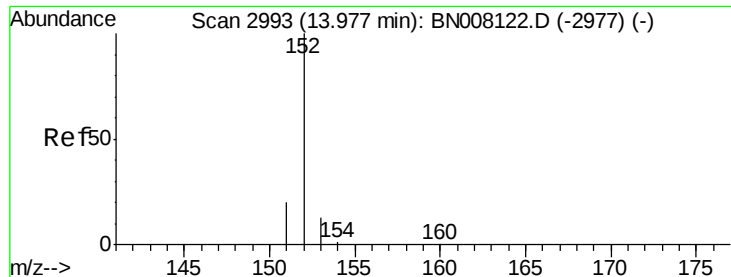
Delta R.T. -0.01 min

Lab File: BN008124.D

Acq: 12 Oct 2019 23:06

Tgt Ion:	142	Resp:	616
Ion Ratio	Lower	Upper	
142	100		
141	93.2	71.4	107.2





#7

Acenaphthylene

Concen: 0.092 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BN008124.D

Acq: 12 Oct 2019 23:06

Instrument :

BNA_N

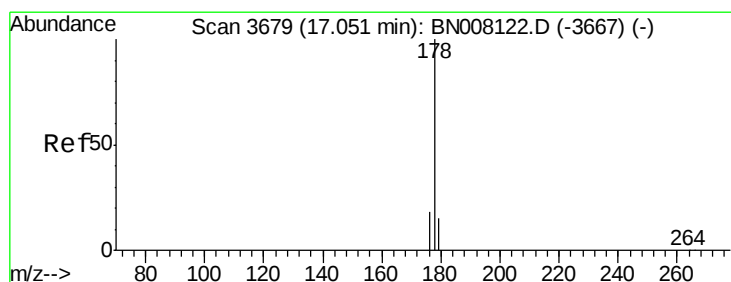
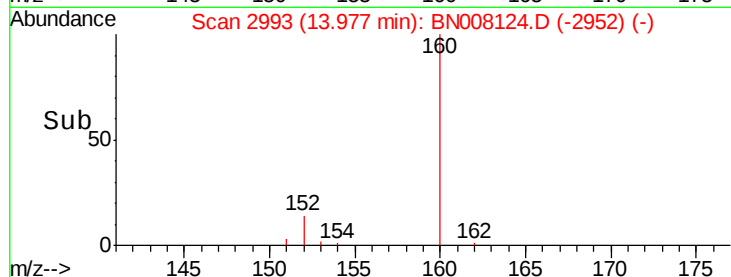
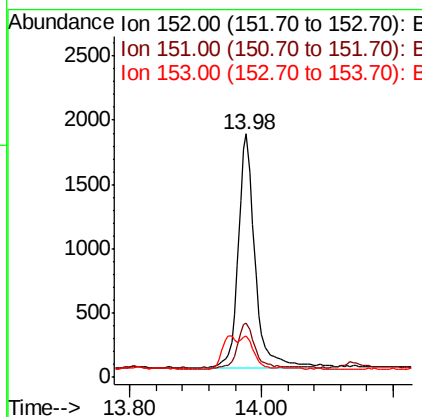
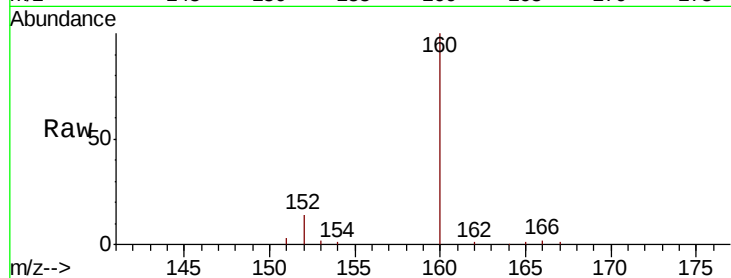
ClientSampleId :

BEPD4

Tot Ion:	152	Resp:	3271
Ion Ratio	Lower	Upper	
152	100		
151	22.4	16.2	24.4
153	16.8	11.0	16.4

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#12

Phenanthrene

Concen: 0.067 ng/ul m

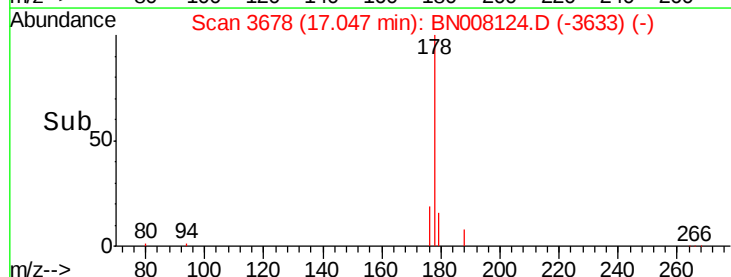
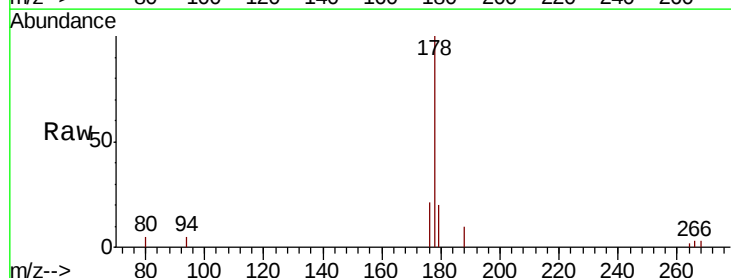
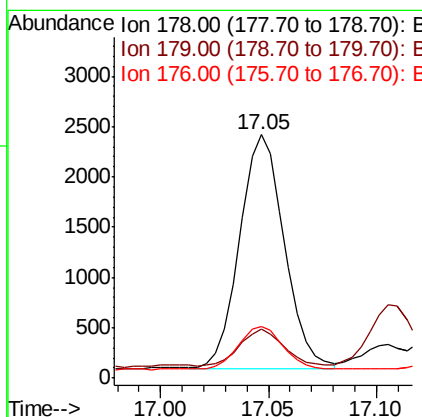
RT: 17.05 min Scan# 3678

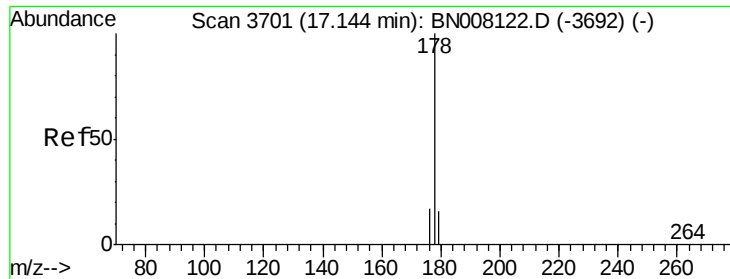
Delta R.T. -0.01 min

Lab File: BN008124.D

Acq: 12 Oct 2019 23:06

Tgt Ion:	178	Resp:	3333
Ion Ratio	Lower	Upper	
178	100		
179	20.2	12.8	19.2
176	21.4	15.4	23.2





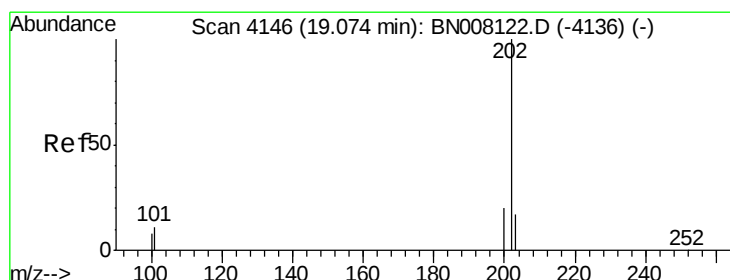
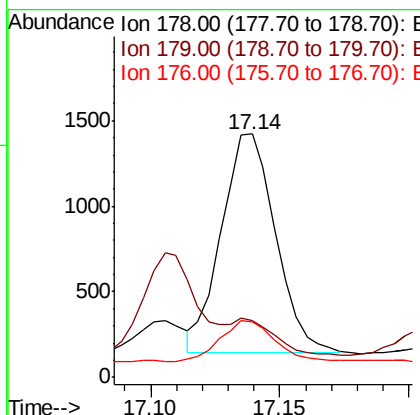
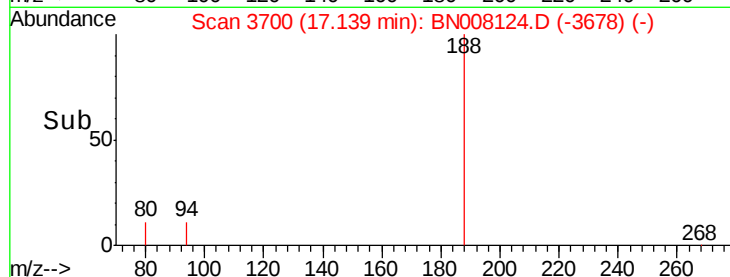
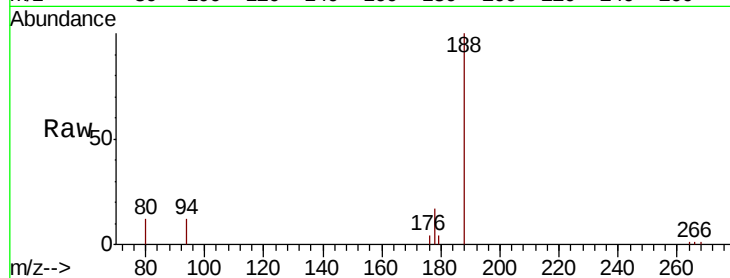
#13
 Anthracene
 Concen: 0.042 ng/ul m
 RT: 17.14 min Scan# 3700
 Delta R.T. -0.01 min
 Lab File: BN008124.D
 Acq: 12 Oct 2019 23:06

Instrument :
 BNA_N
 ClientSampleId :
 BEPD4

Tot Ion	Ratio	Lower	Upper
178	100		
179	23.4	13.0	19.6#
176	22.9	15.0	22.6#

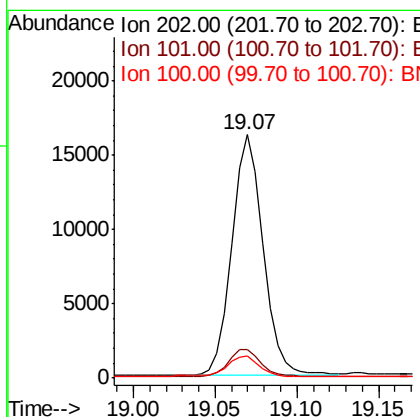
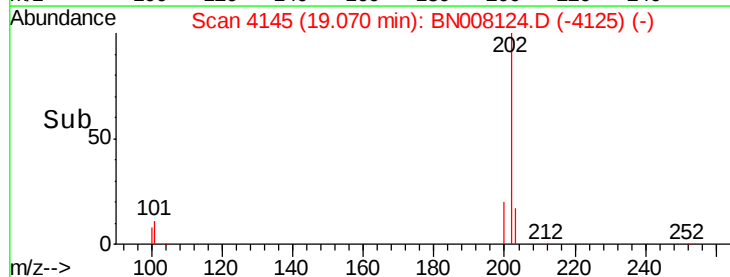
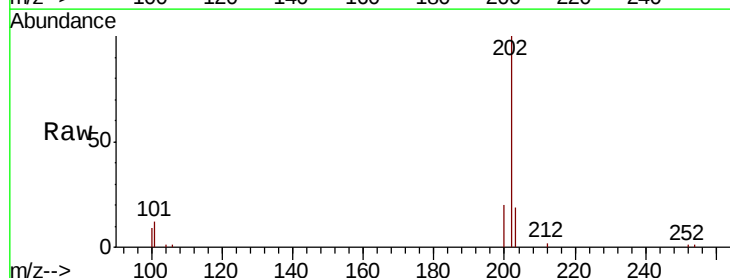
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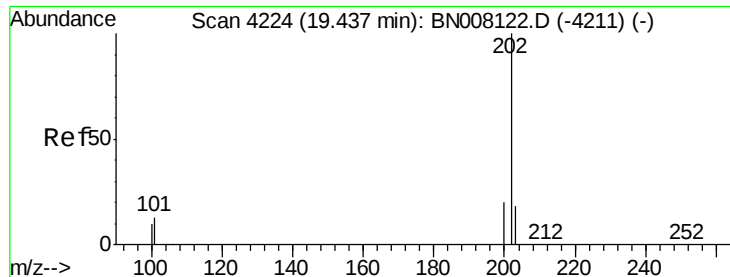
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#15
 Fluoranthene
 Concen: 0.324 ng/ul m
 RT: 19.07 min Scan# 4145
 Delta R.T. -0.01 min
 Lab File: BN008124.D
 Acq: 12 Oct 2019 23:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.2
100	8.9	0.0	28.5





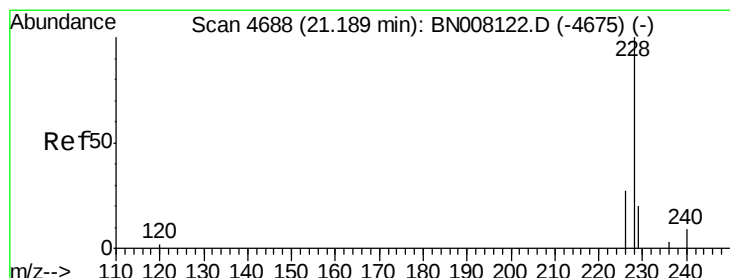
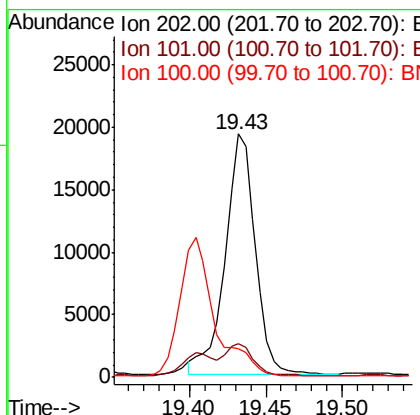
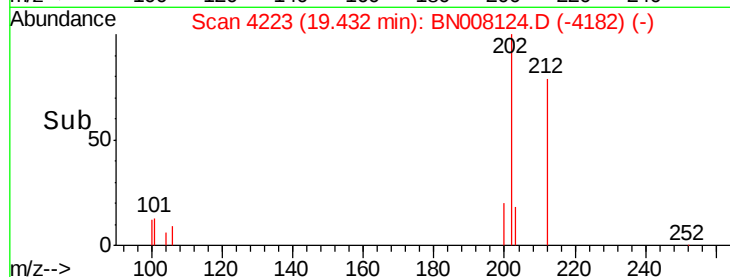
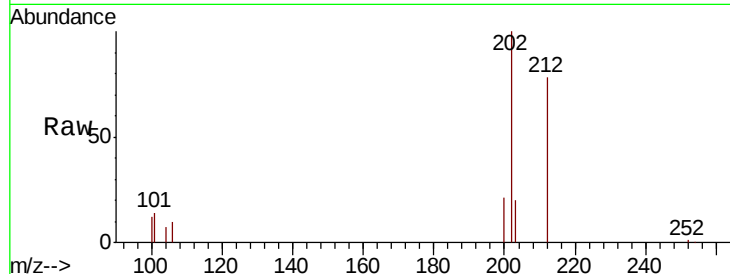
#17
Pvrene
Concen: 0.348 ng/ul
RT: 19.43 min Scan# 4223
Delta R.T. -0.01 min
Lab File: BN008124.D
Acq: 12 Oct 2019 23:06

Instrument :
BNA_N
ClientSampleId :
BEPD4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.9	10.9	16.3
100	12.0	8.7	13.1

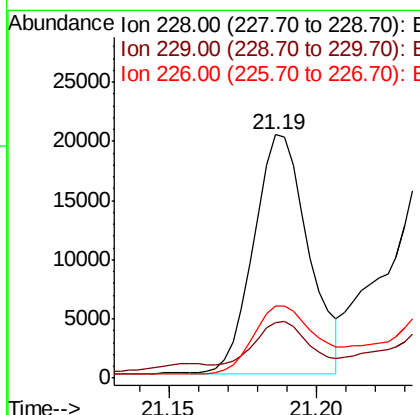
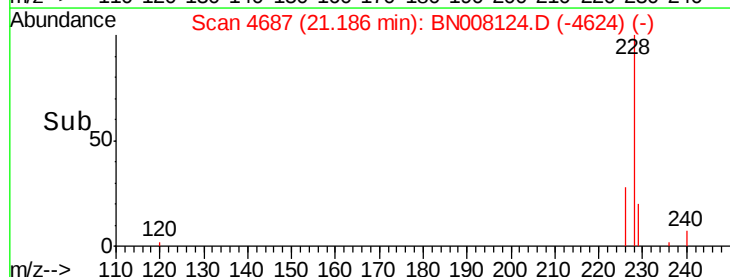
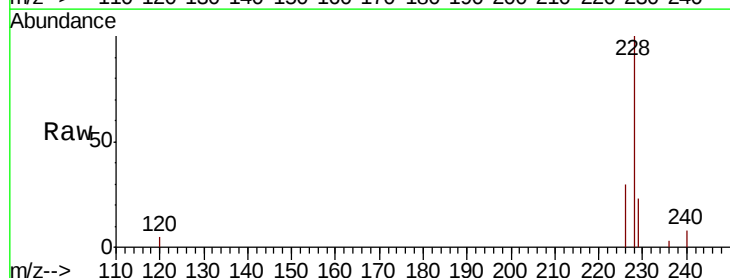
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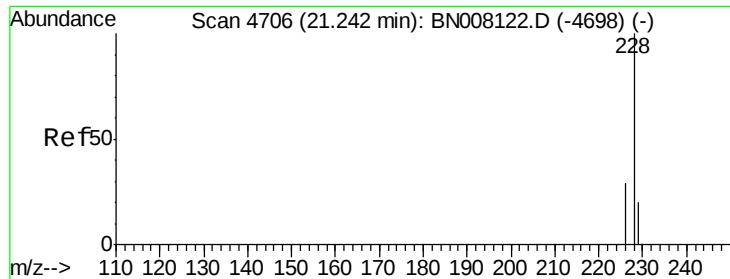
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#18
Benzo(a)anthracene
Concen: 0.383 ng/ul m
RT: 21.19 min Scan# 4687
Delta R.T. -0.01 min
Lab File: BN008124.D
Acq: 12 Oct 2019 23:06

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	23.0	16.2	24.2
226	29.5	21.4	32.0





#19

Chrysene

Concen: 0.326 ng/ul

RT: 21.24 min Scan# 4705

Delta R.T. -0.01 min

Lab File: BN008124.D

Acq: 12 Oct 2019 23:06

Instrument :

BNA_N

ClientSampleId :

BEPD4

Tot Ion:228 Resp: 27441

Ion Ratio Lower Upper

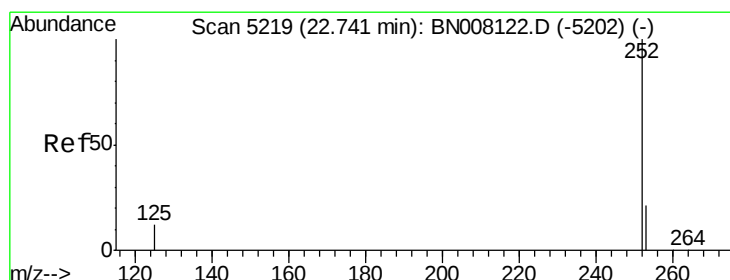
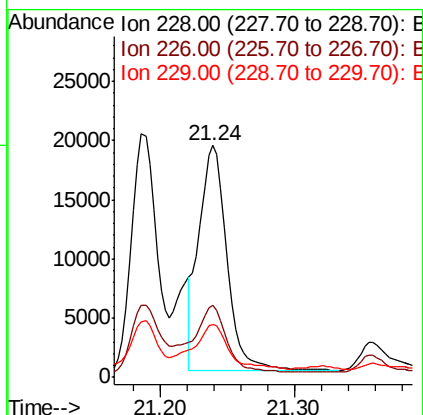
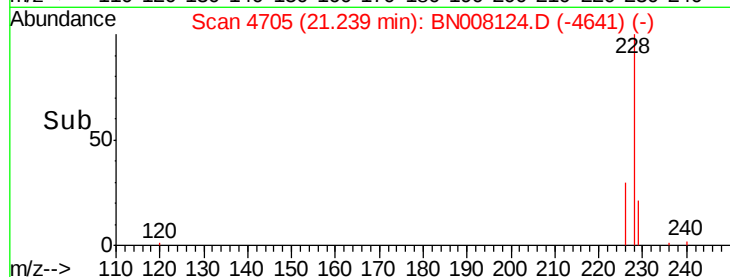
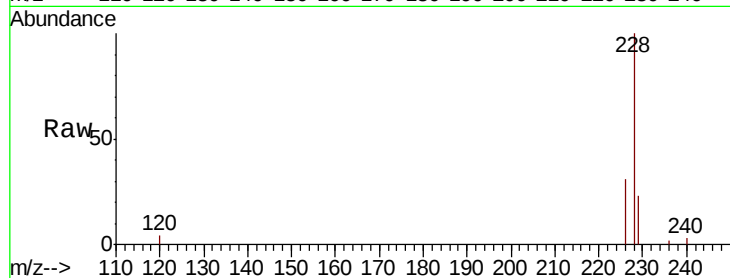
228 100

226 30.8 24.1 36.1

229 23.1 16.2 24.2

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#21

Benzo(b)fluoranthene

Concen: 1.054 ng/ul m

RT: 22.74 min Scan# 5219

Delta R.T. -0.01 min

Lab File: BN008124.D

Acq: 12 Oct 2019 23:06

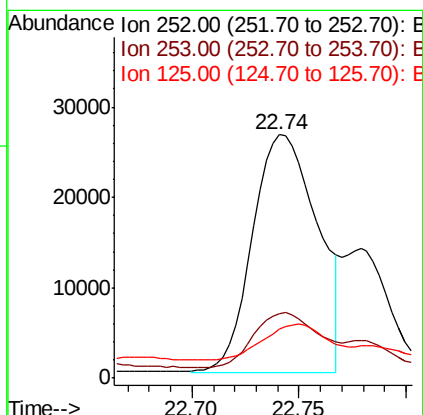
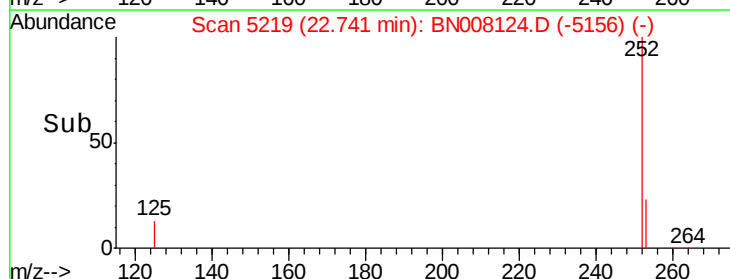
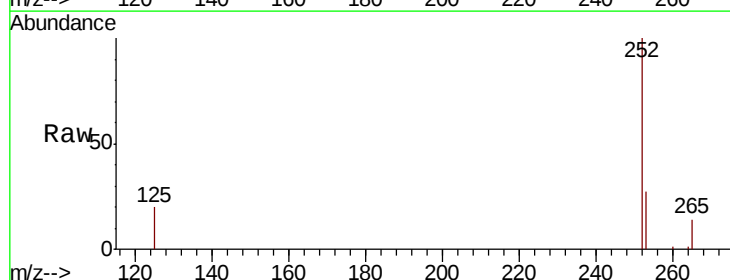
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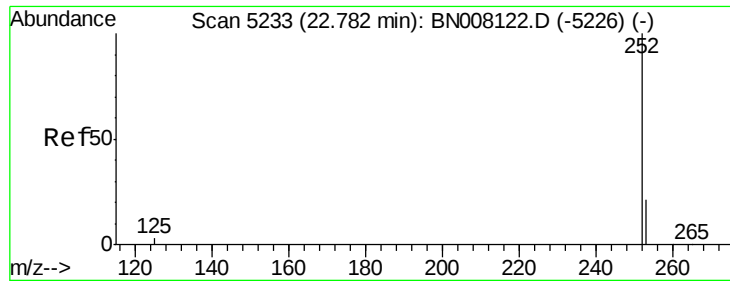
Ion Ratio Lower Upper

252 100

253 26.5 0.0 53.4

125 19.9 0.0 32.4





#22

Benzo(k)fluoranthene

Concen: 0.288 ng/ul m

RT: 22.78 min Scan# 5232

Delta R.T. -0.02 min

Lab File: BN008124.D

Acq: 12 Oct 2019 23:06

Instrument :

BNA_N

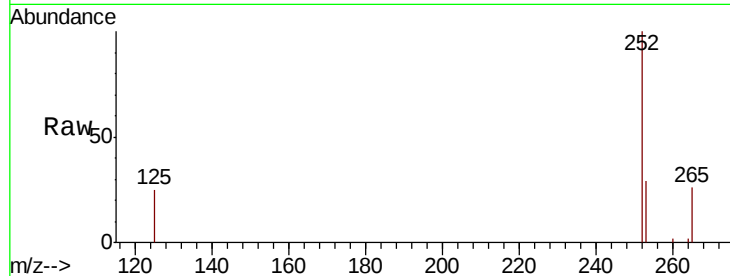
ClientSampleId :

BEPD4

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.3	21.3	31.9
125	24.8	12.3	18.5

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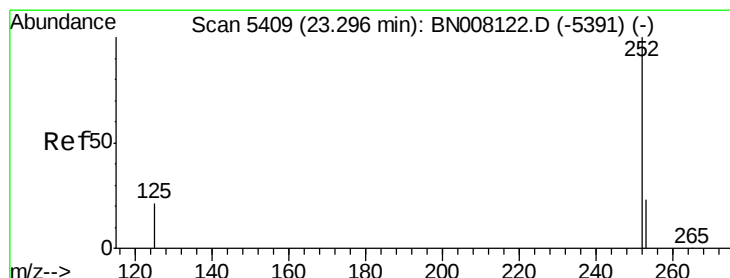
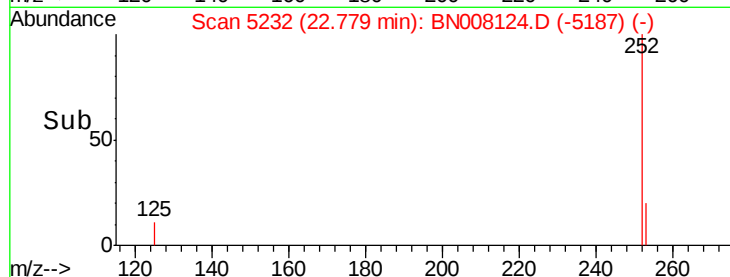
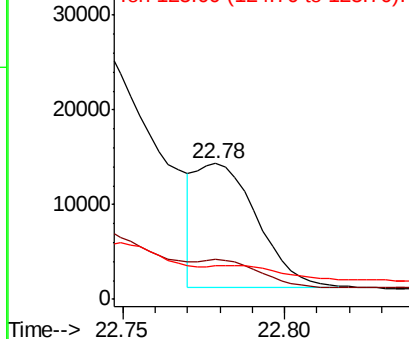


Abundance

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: 0.679 ng/ul m

RT: 23.30 min Scan# 5409

Delta R.T. -0.02 min

Lab File: BN008124.D

Acq: 12 Oct 2019 23:06

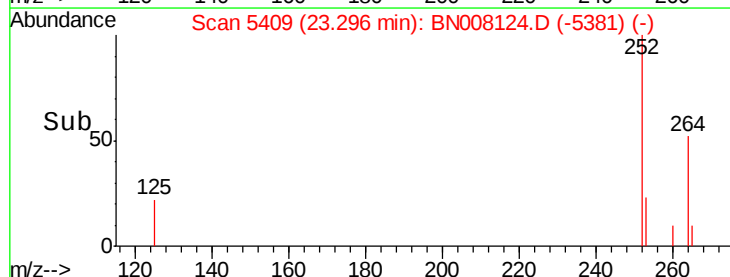
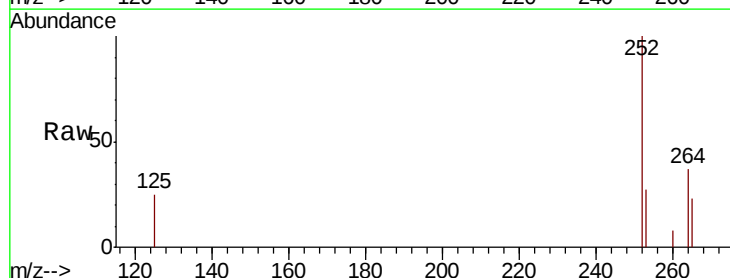
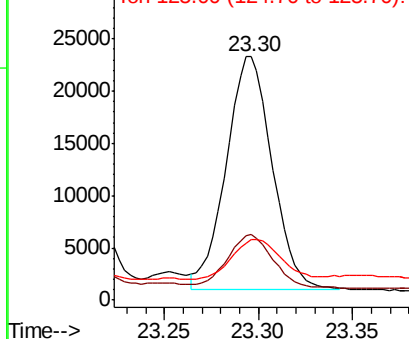
Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.8	22.8	34.2
125	24.8	18.4	27.6

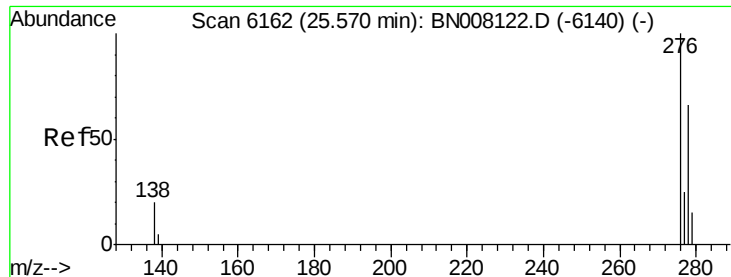
Abundance

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





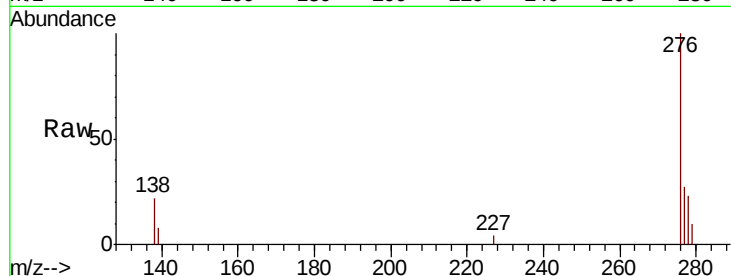
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.419 ng/ul m
RT: 25.56 min Scan# 6160
Delta R.T. -0.03 min
Lab File: BN008124.D
Acq: 12 Oct 2019 23:06

Instrument :
BNA_N
ClientSampleId :
BEPD4

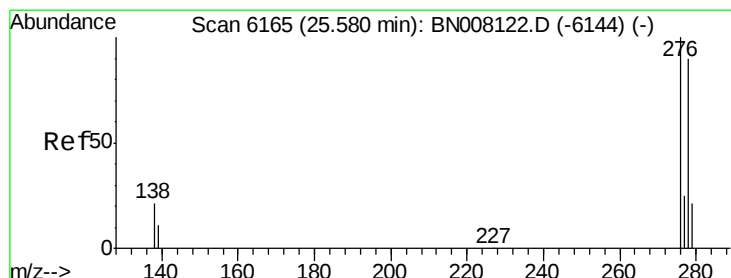
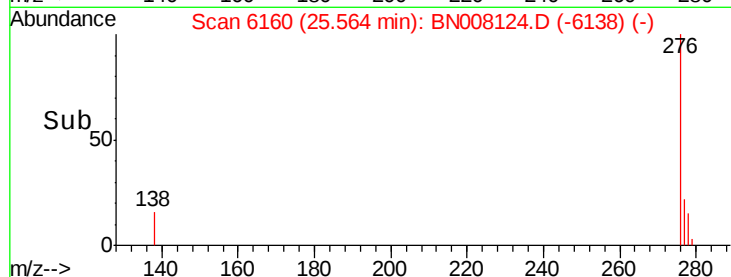
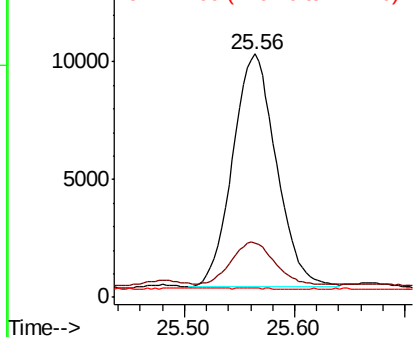
Tot Ion	Ratio	Lower	Upper
276	100		
138	1.7	16.1	24.1#
227	0.0	0.2	0.2#

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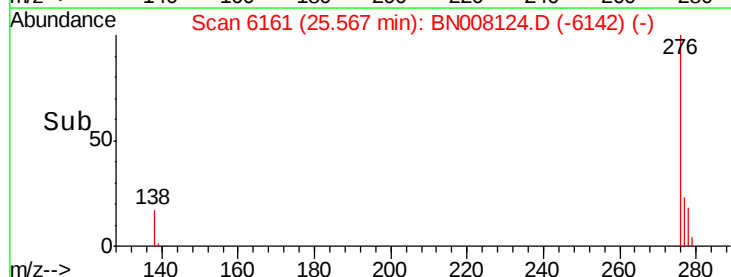
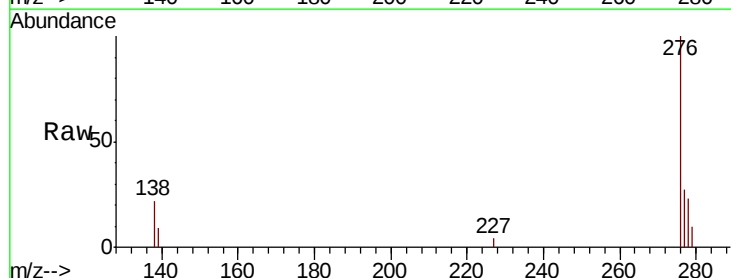
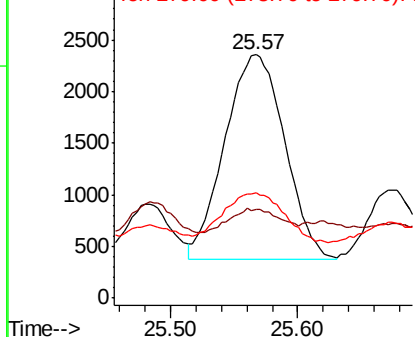
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E

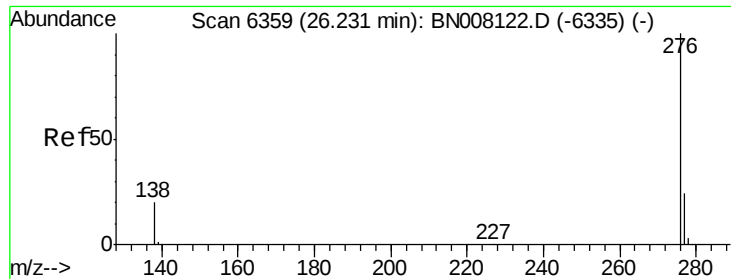


#25
Dibenzo(a,h)anthracene
Concen: 0.126 ng/ul m
RT: 25.57 min Scan# 6161
Delta R.T. -0.04 min
Lab File: BN008124.D
Acq: 12 Oct 2019 23:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	36.6	15.0	22.6#
279	43.1	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: 0.526 ng/ul m
RT: 26.22 min Scan# 6357
Delta R.T. -0.03 min
Lab File: BN008124.D
Acq: 12 Oct 2019 23:06

Instrument :
BNA_N
ClientSampleId :
BEPD4

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.9	17.0	25.4
277	25.9	20.4	30.6

Manual Integrations
APPROVED

mohammad
10/15/2019 7:59:22 AM

