

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
 Data File : BN008704.D
 Acq On : 22 Nov 2019 08:28
 Operator : JU
 Sample : K5854-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC8

Manual Integrations
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mohammad
 11/22/2019 1:24:25 PM

Quant Time: Nov 22 10:22:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 22 07:12:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4427	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	16265	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	8977	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	18237	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	15137	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	14811	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	3670	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	8412	0.15	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	1762	0.036	ng/ul#	88
5) 2-Methylnaphthalene	12.03	142	1350	0.039	ng/ul	99
7) Acenaphthylene	13.95	152	2606	0.053	ng/ul#	92
12) Phenanthrene	17.02	178	24499	0.398	ng/ul	99
13) Anthracene	17.11	178	3380	0.058	ng/ul#	94
15) Fluoranthene	19.04	202	58536	0.775	ng/ul	93
17) Pyrene	19.40	202	50444	0.831	ng/ul#	94
18) Benzo(a)anthracene	21.16	228	30707	0.504	ng/ul	96
19) Chrysene	21.21	228	45546	0.762	ng/ul	96
21) Benzo(b)fluoranthene	22.70	252	61746m	1.011	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	17089m	0.282	ng/ul	
23) Benzo(a)pyrene	23.24	252	23983	0.418	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.47	276	22210	0.331	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.48	278	7059	0.130	ng/ul#	70
26) Benzo(g,h,i)perylene	26.12	276	20627	0.368	ng/ul	94

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

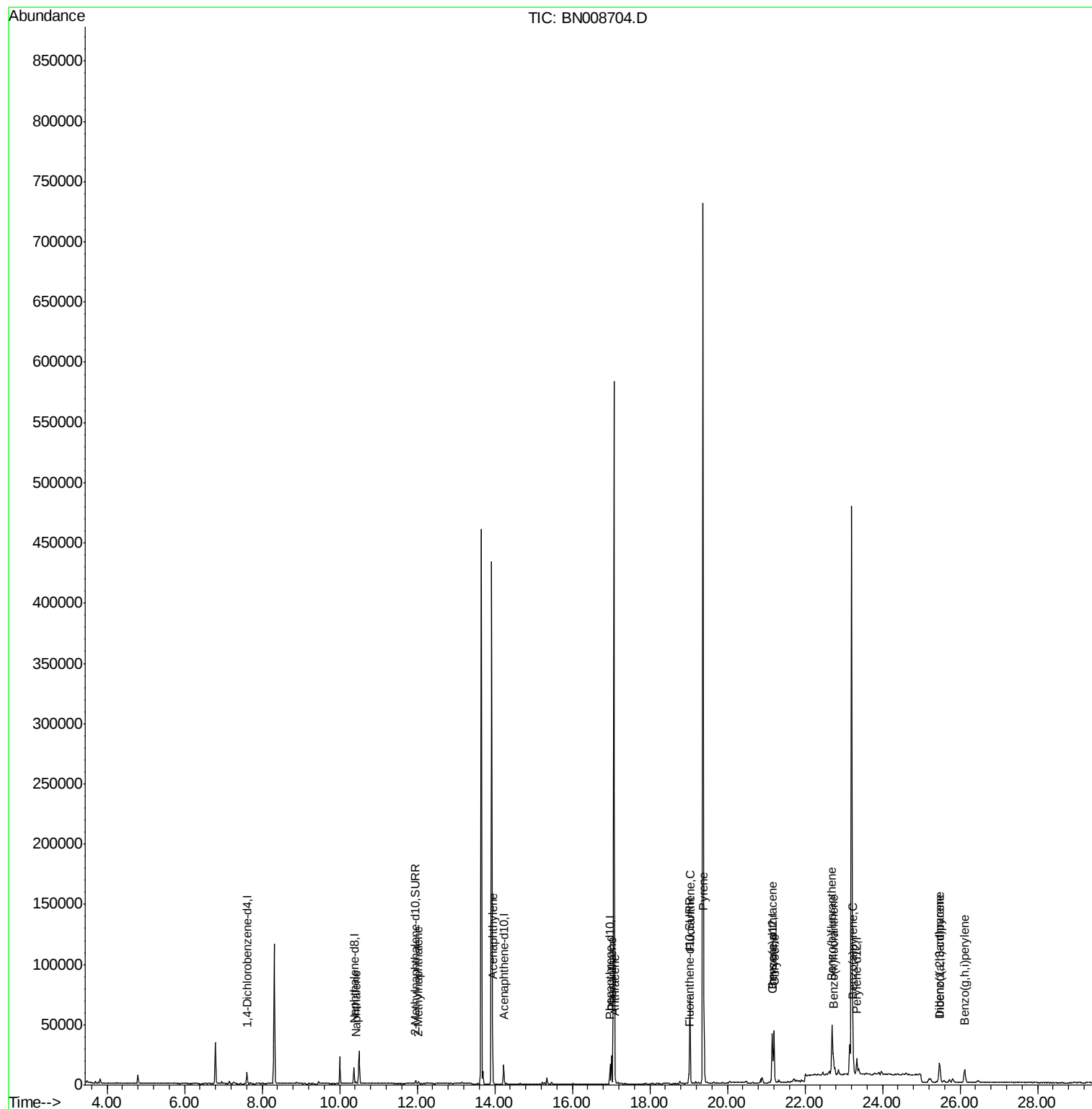
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
Data File : BN008704.D
Acq On : 22 Nov 2019 08:28
Operator : JU
Sample : K5854-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

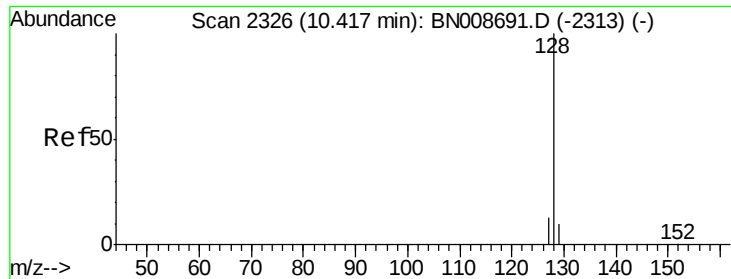
Instrument :
BNA_N
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C0AC8

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Quant Time: Nov 22 10:22:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN11519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 07:12:34 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.036 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. 0.00 min

Lab File: BN008704.D

Acq: 22 Nov 2019 08:28

Instrument :

BNA_N

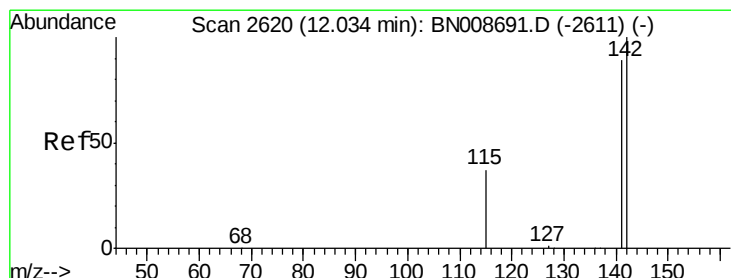
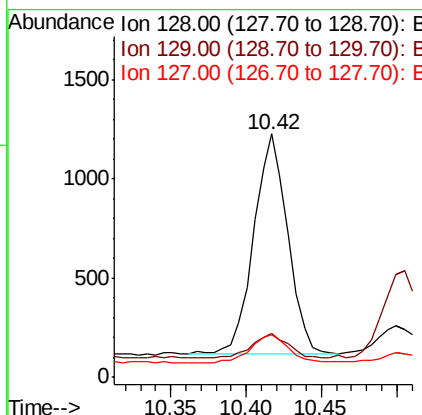
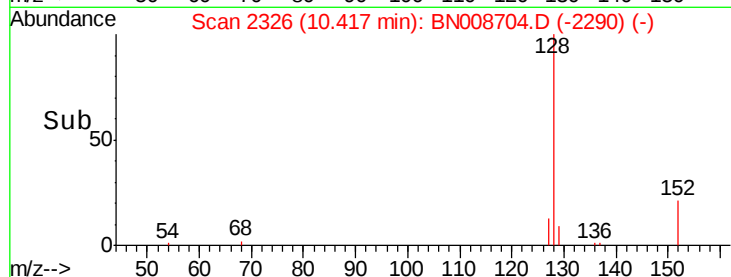
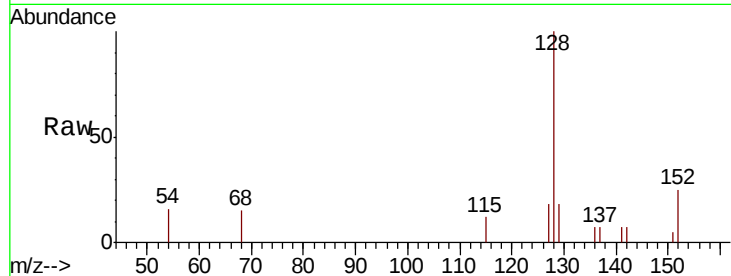
ClientSampleId :

C0AC8

Tot Ion	Ratio	Lower	Upper
128	100		
129	17.8	9.7	14.5#
127	17.7	10.8	16.2#

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#5

2-Methylnaphthalene

Concen: 0.039 ng/ul

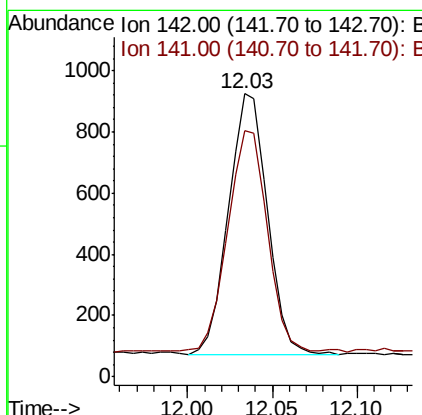
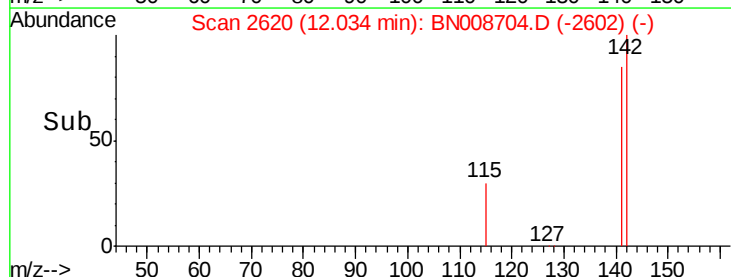
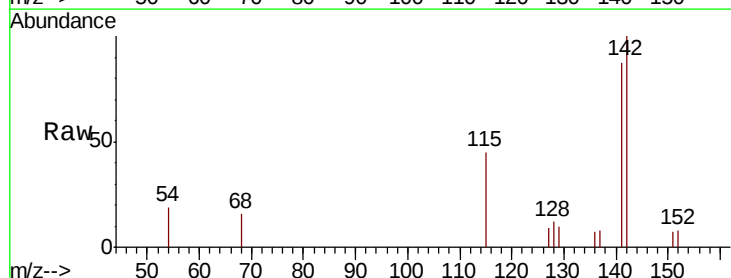
RT: 12.03 min Scan# 2620

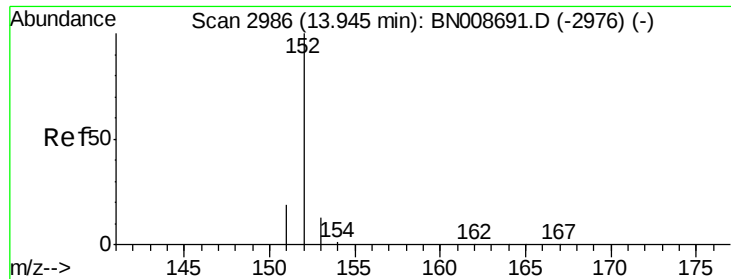
Delta R.T. 0.00 min

Lab File: BN008704.D

Acq: 22 Nov 2019 08:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.5	105.7





#7

Acenaphthylene

Concen: 0.053 ng/ul

RT: 13.95 min Scan# 2987

Delta R.T. 0.00 min

Lab File: BN008704.D

Acq: 22 Nov 2019 08:28

Instrument :

BNA_N

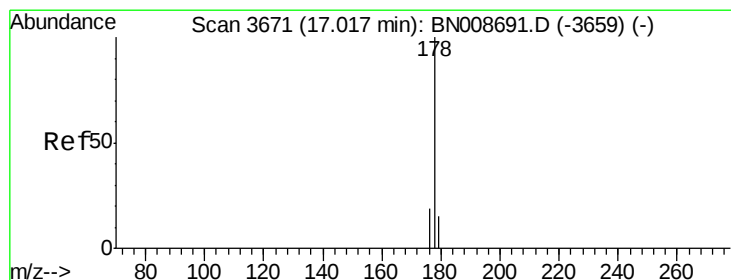
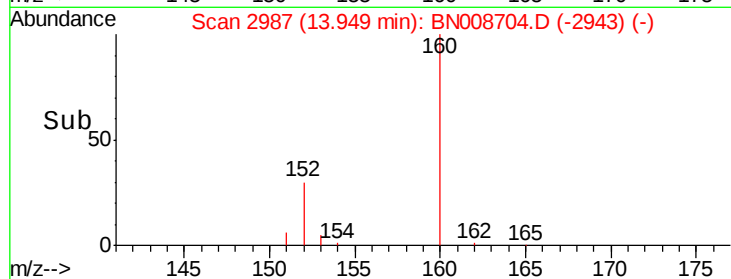
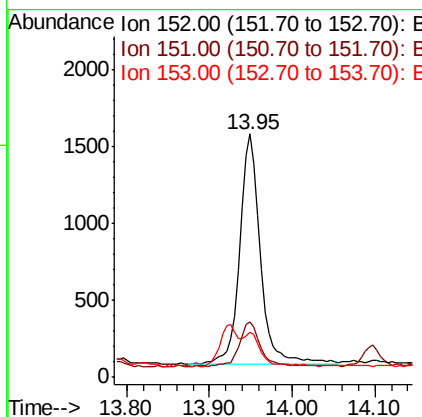
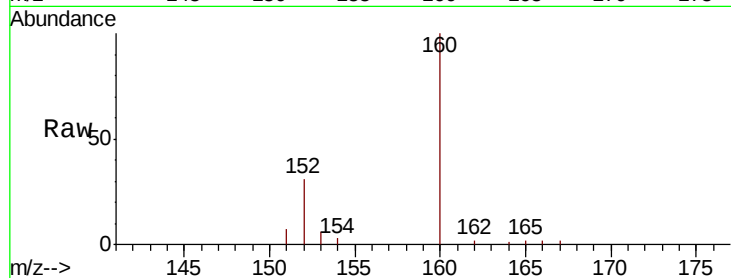
ClientSampleId :

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Tot Ion:	152	Resp:	2606
Ion Ratio	Lower	Upper	
152	100		
151	22.9	16.6	24.8
153	18.8	11.1	16.7#

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#12

Phenanthrene

Concen: 0.398 ng/ul

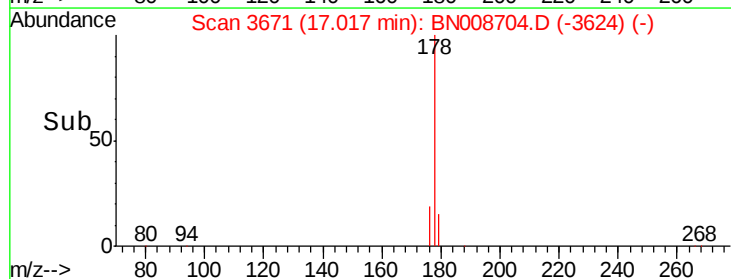
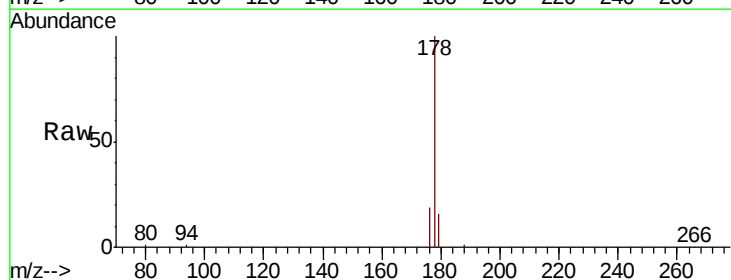
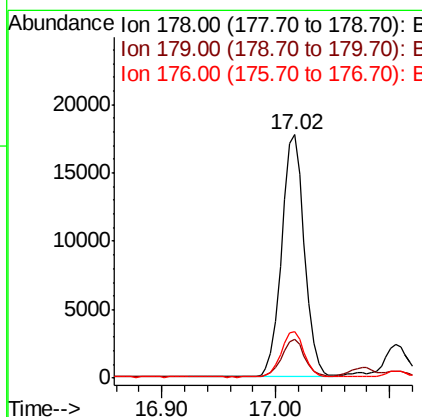
RT: 17.02 min Scan# 3671

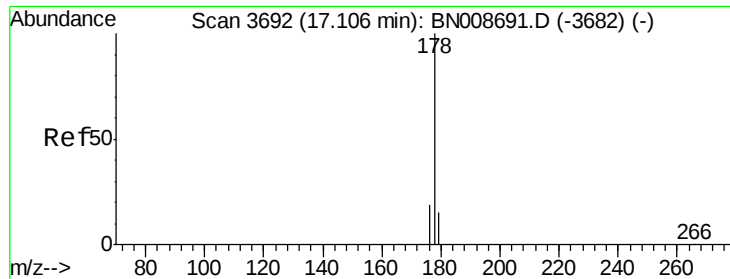
Delta R.T. -0.00 min

Lab File: BN008704.D

Acq: 22 Nov 2019 08:28

Tgt Ion:	178	Resp:	24499
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.8	19.2
176	19.2	16.0	24.0





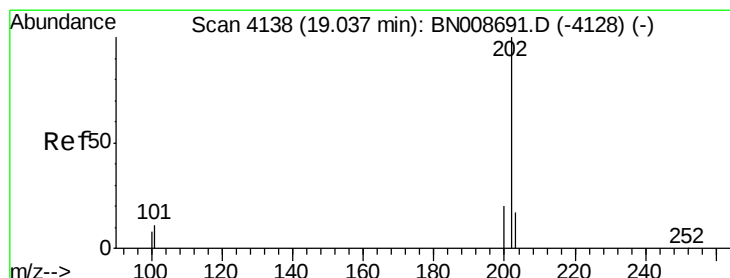
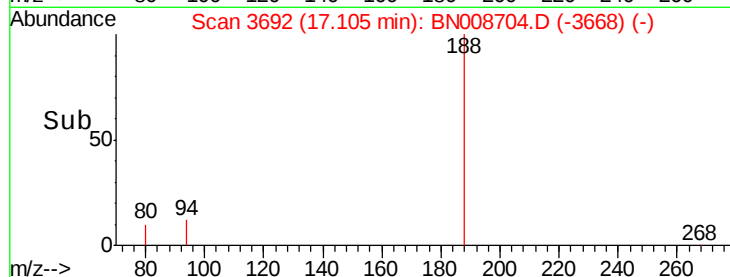
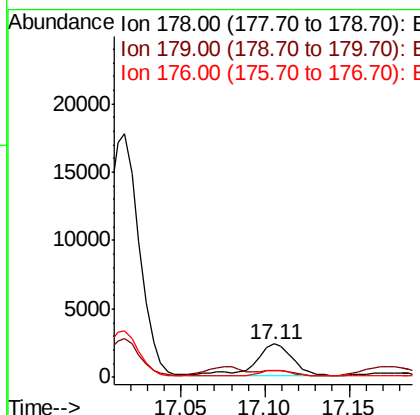
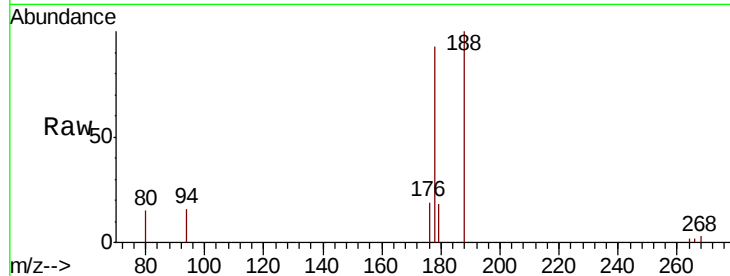
#13
 Anthracene
 Concen: 0.058 ng/ul
 RT: 17.11 min Scan# 3692
 Delta R.T. -0.00 min
 Lab File: BN008704.D
 Acq: 22 Nov 2019 08:28

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	19.9	13.0	19.4#
176	20.9	15.3	22.9

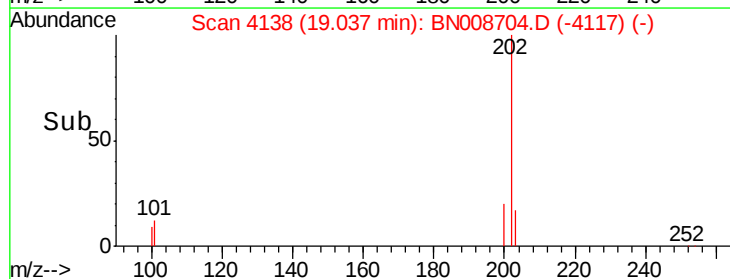
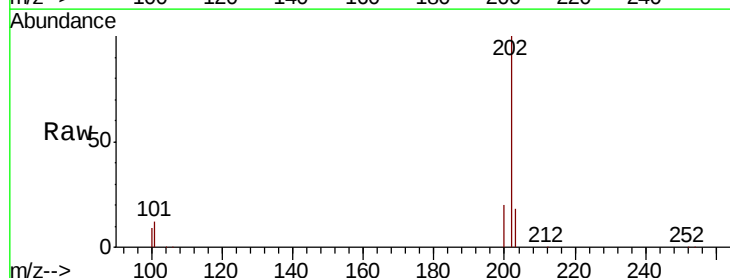
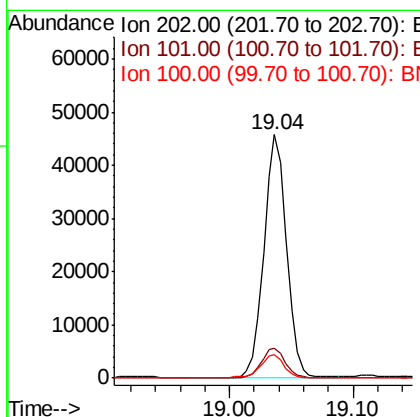
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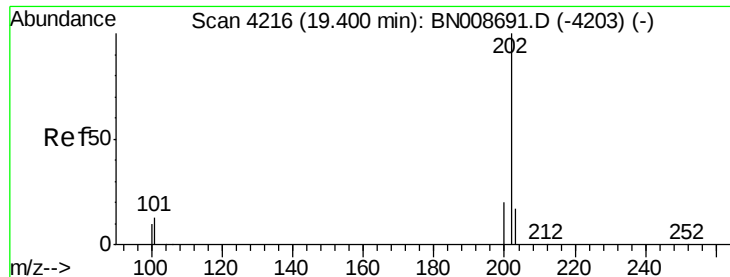
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#15
 Fluoranthene
 Concen: 0.775 ng/ul
 RT: 19.04 min Scan# 4138
 Delta R.T. -0.00 min
 Lab File: BN008704.D
 Acq: 22 Nov 2019 08:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	29.6
100	9.4	0.0	27.0





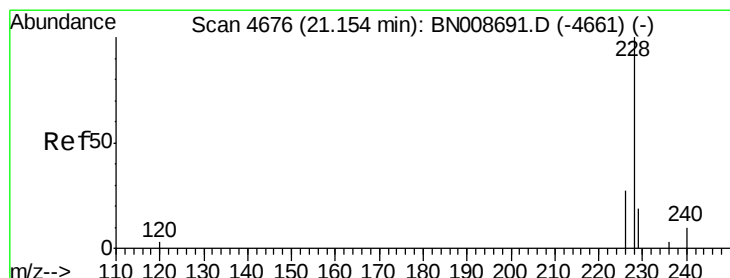
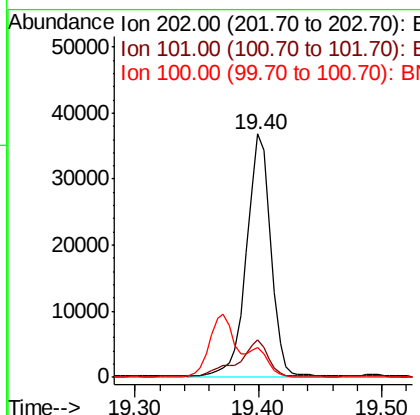
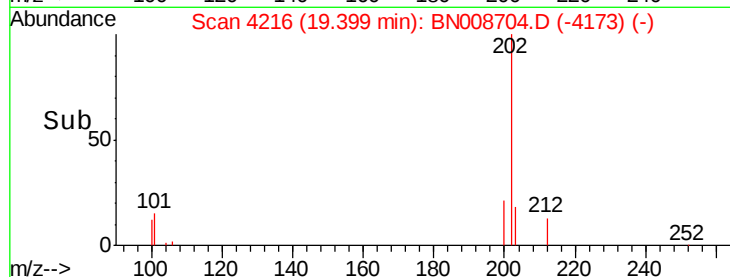
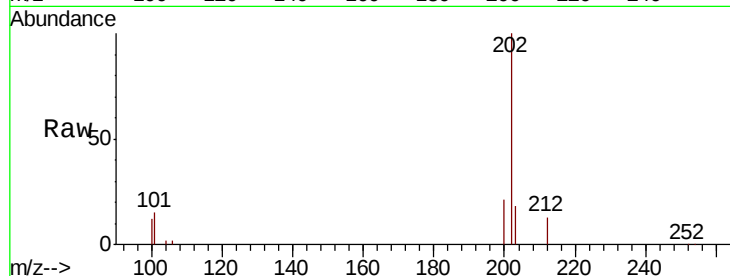
#17
Pvrene
Concen: 0.831 ng/ul
RT: 19.40 min Scan# 4216
Delta R.T. -0.00 min
Lab File: BN008704.D
Acq: 22 Nov 2019 08:28

Instrument :
BNA_N
ClientSampleId :
C0AC8

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.2	10.2	15.2
100	12.3	8.2	12.2

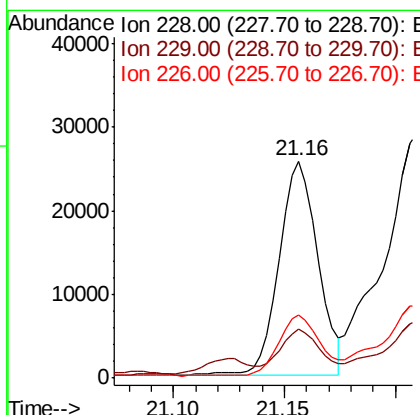
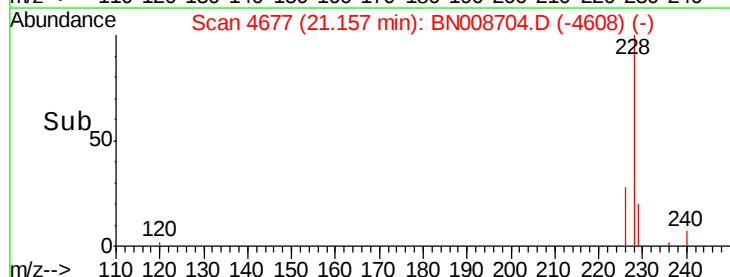
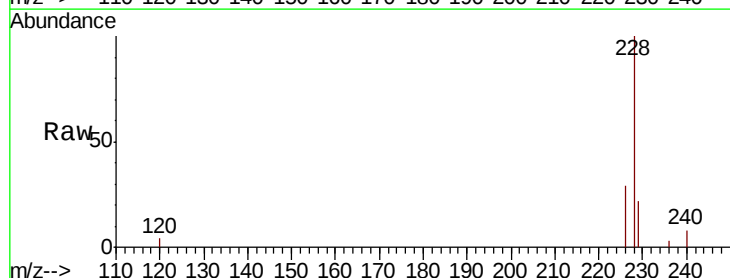
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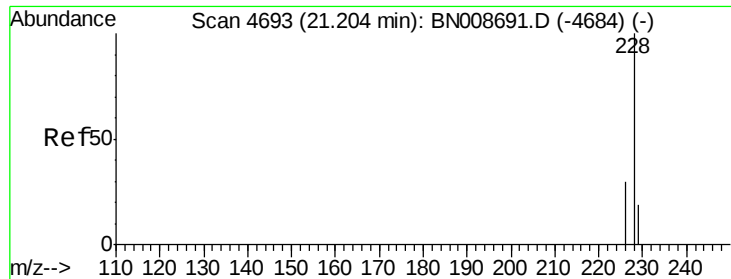
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#18
Benzo(a)anthracene
Concen: 0.504 ng/ul
RT: 21.16 min Scan# 4677
Delta R.T. 0.00 min
Lab File: BN008704.D
Acq: 22 Nov 2019 08:28

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.8	23.6
226	28.8	21.6	32.4





#19

Chrysene

Concen: 0.762 ng/ul

RT: 21.21 min Scan# 4695

Delta R.T. 0.01 min

Lab File: BN008704.D

Acq: 22 Nov 2019 08:28

Instrument :

BNA_N

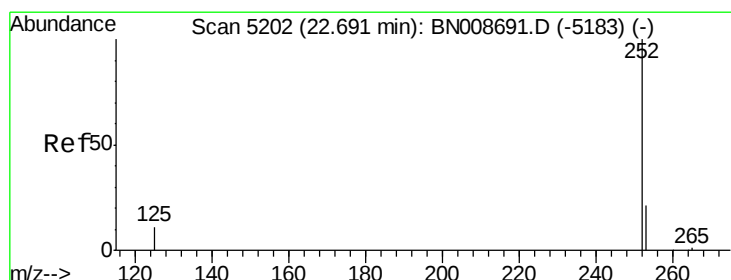
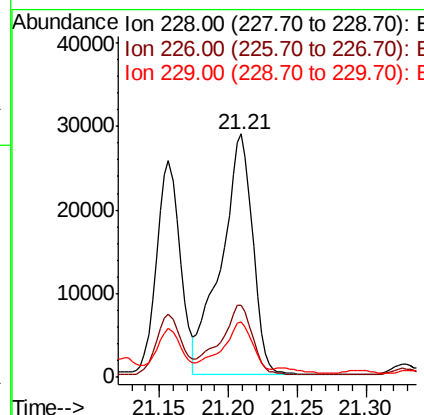
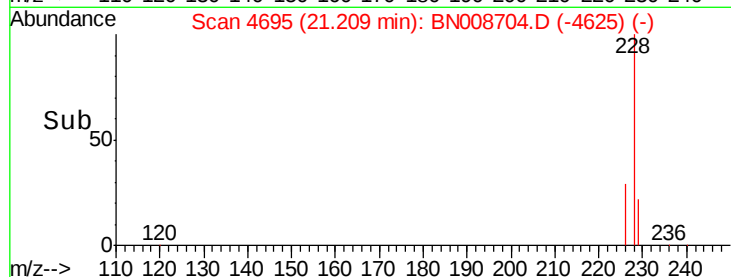
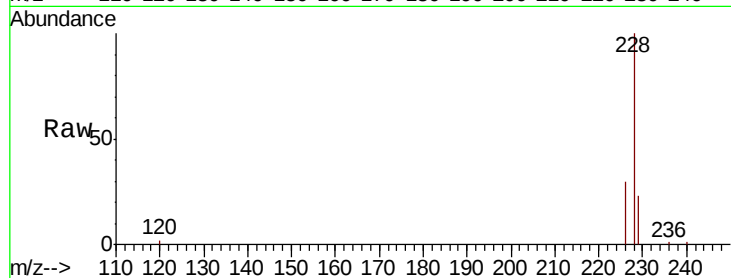
ClientSampleId :

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Tot Ion:	228	Resp:	45546
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.5	36.7
229	23.0	15.5	23.3

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#21

Benzo(b)fluoranthene

Concen: 1.011 ng/ul m

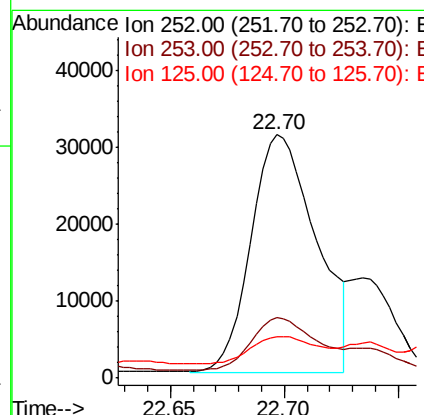
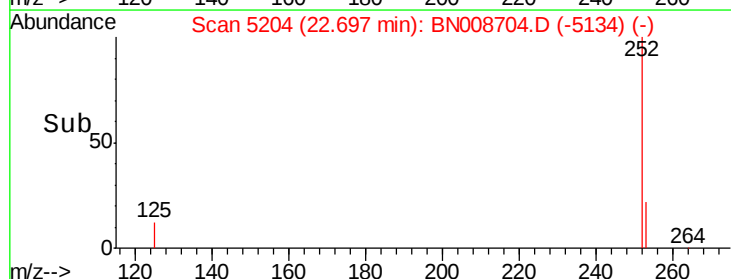
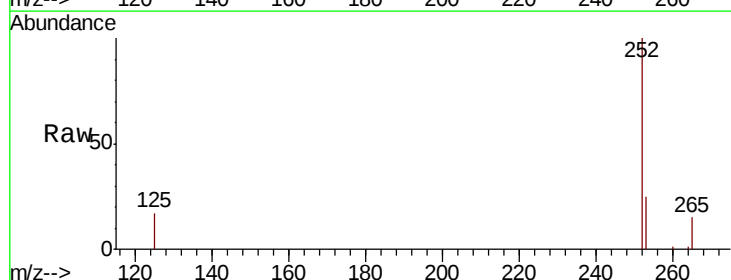
RT: 22.70 min Scan# 5204

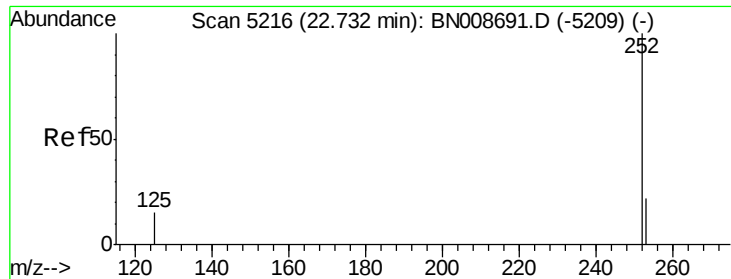
Delta R.T. 0.01 min

Lab File: BN008704.D

Acq: 22 Nov 2019 08:28

Tgt Ion:	252	Resp:	61746
Ion Ratio	Lower	Upper	
252	100		
253	24.7	0.0	50.2
125	17.0	0.0	30.0





#22

Benzo(k)fluoranthene

Concen: 0.282 ng/ul m

RT: 22.73 min Scan# 5217

Delta R.T. 0.00 min

Lab File: BN008704.D

Acq: 22 Nov 2019 08:28

Instrument :

BNA_N

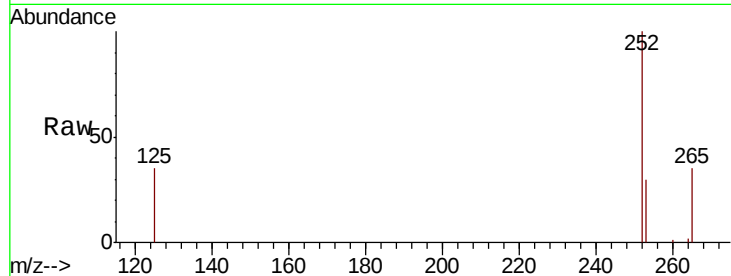
ClientSampleId :

C0AC8

Tot Ion:	252	Resp:	17089
Ion Ratio	Lower	Upper	
252	100		
253	29.5	20.5	30.7
125	35.3	15.0	22.4#

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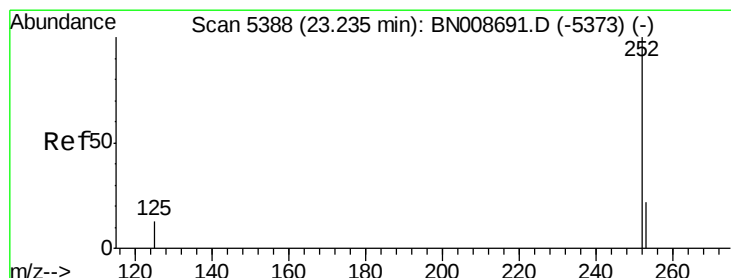
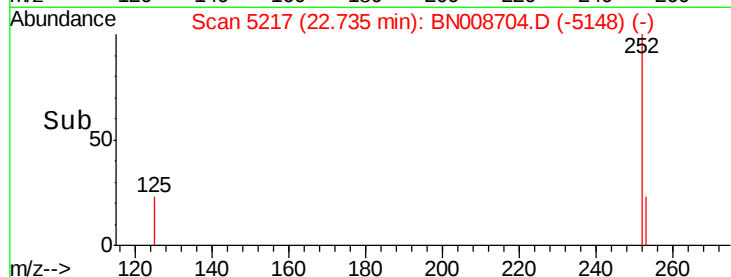
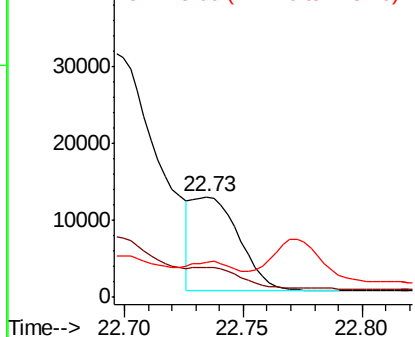


Abundance

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: 0.418 ng/ul

RT: 23.24 min Scan# 5391

Delta R.T. 0.01 min

Lab File: BN008704.D

Acq: 22 Nov 2019 08:28

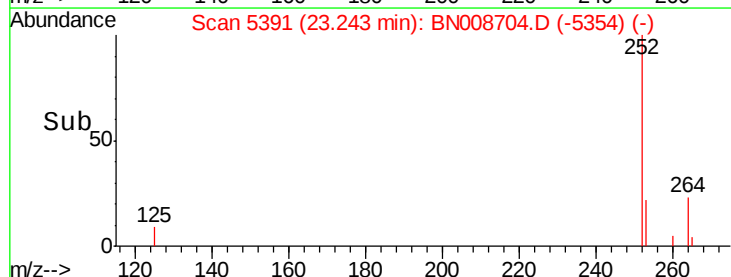
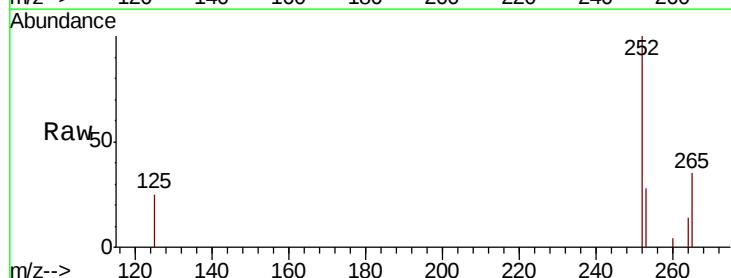
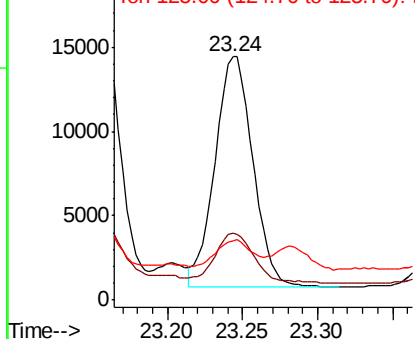
Tgt Ion:	252	Resp:	23983
Ion Ratio	Lower	Upper	
252	100		
253	27.6	21.4	32.2
125	24.6	13.8	20.8#

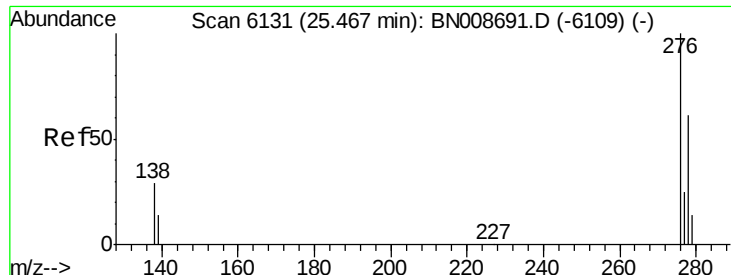
Abundance

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





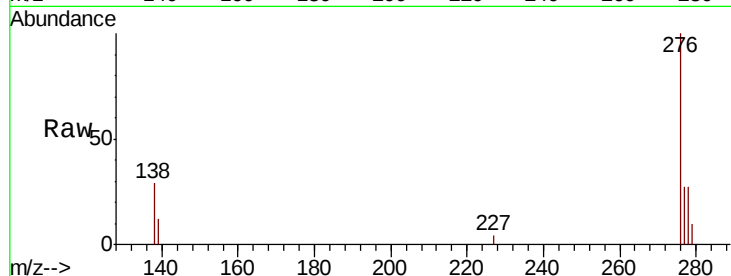
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.331 ng/ul
 RT: 25.47 min Scan# 6133
 Delta R.T. 0.01 min
 Lab File: BN008704.D
 Acq: 22 Nov 2019 08:28

Instrument :
 BNA_N
 ClientSampleId :
 C0AC8

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.2	21.7	32.5
227	0.9	0.2	0.2

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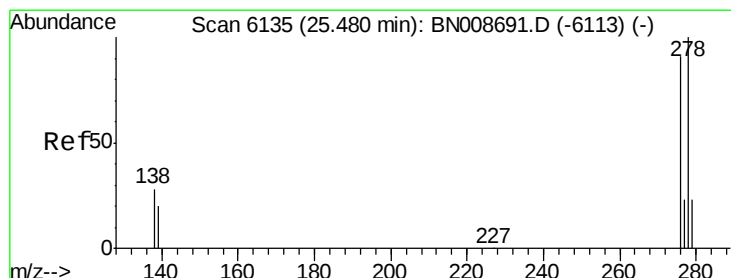
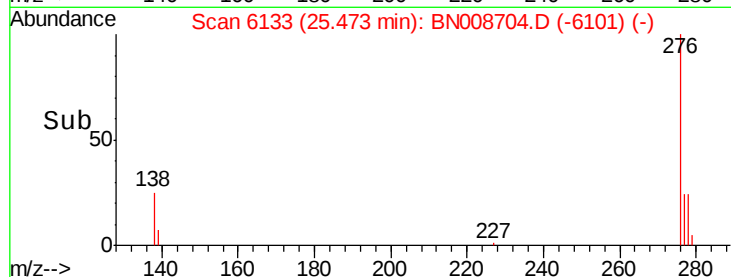
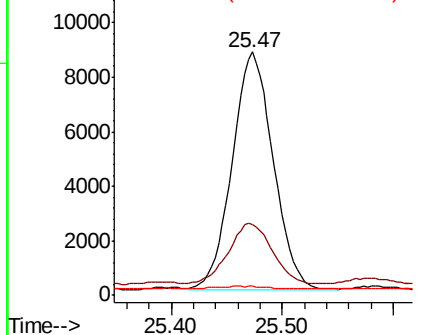


Abundance

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: 0.130 ng/ul
 RT: 25.48 min Scan# 6136
 Delta R.T. 0.00 min
 Lab File: BN008704.D
 Acq: 22 Nov 2019 08:28

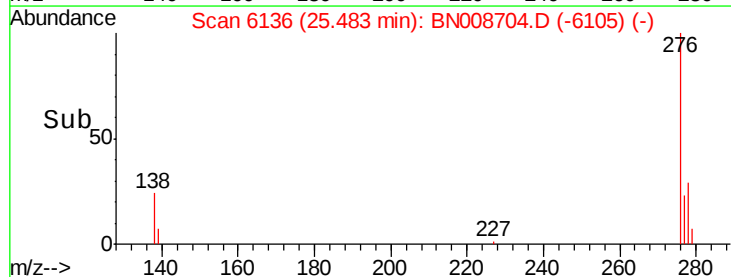
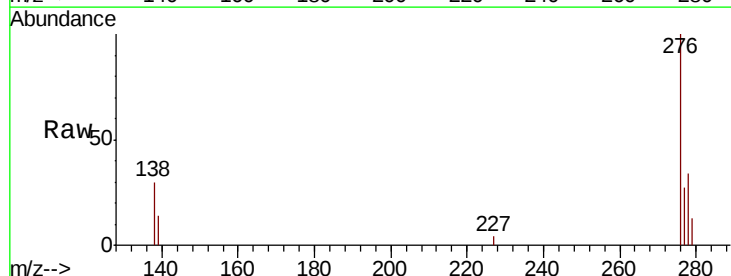
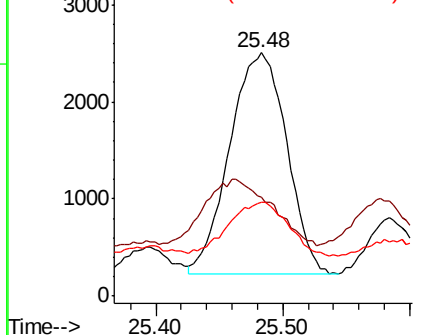
Tgt Ion	Ratio	Lower	Upper
278	100		
139	40.9	18.7	28.1
279	38.4	20.8	31.2

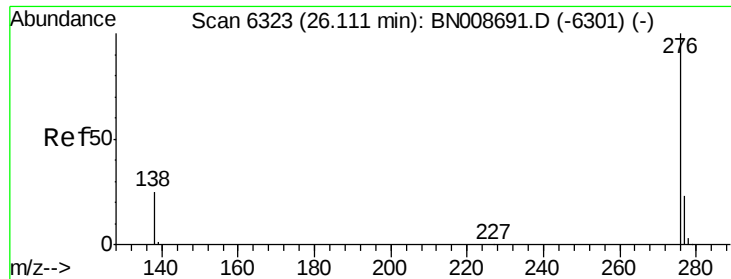
Abundance

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: 0.368 ng/ul

RT: 26.12 min Scan# 6326

Delta R.T. 0.01 min

Lab File: BN008704.D

Acq: 22 Nov 2019 08:28

Instrument :

BNA_N

ClientSampleId :

C0AC8

Tot Ion: 276 Resp: 20627

Ion Ratio Lower Upper

276 100

138 29.4 20.0 30.0

277 26.5 20.0 30.0

Manual Integrations
APPROVED

mohammad

11/22/2019 1:24:25 PM

