

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008370.D
 Acq On : 24 Oct 2019 03:29
 Operator : JU
 Sample : K5235-09
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPK7

Manual Integrations
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mohammad
 10/24/2019 8:07:22 AM

Quant Time: Oct 24 04:58:26 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 : Wed Oct 23 14:07:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1878	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.34	136	9030	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5650	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	12372	0.40	ng/ul	-0.01
16) Chrysene-d12	21.17	240	10313	0.40	ng/ul	-0.01
20) Perylene-d12	23.33	264	9091	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	2466	0.16	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	6977	0.16	ng/ul	-0.01
Target Compounds				Ovalue		
12) Phenanthrene	17.00	178	2350	0.065	ng/ul	94
15) Fluoranthene	19.03	202	6032	0.126	ng/ul	94
17) Pyrene	19.39	202	5613m	0.137	ng/ul	
18) Benzo(a)anthracene	21.15	228	2928	0.078	ng/ul	92
19) Chrysene	21.20	228	3345	0.073	ng/ul	95
21) Benzo(b)fluoranthene	22.70	252	3803m	0.129	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	1351m	0.040	ng/ul	
23) Benzo(a)pyrene	23.24	252	2554	0.082	ng/ul#	47
24) Indeno(1,2,3-cd)pyrene	25.49	276	1644	0.045	ng/ul#	79
26) Benzo(g,h,i)perylene	26.14	276	1659	0.049	ng/ul#	75

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

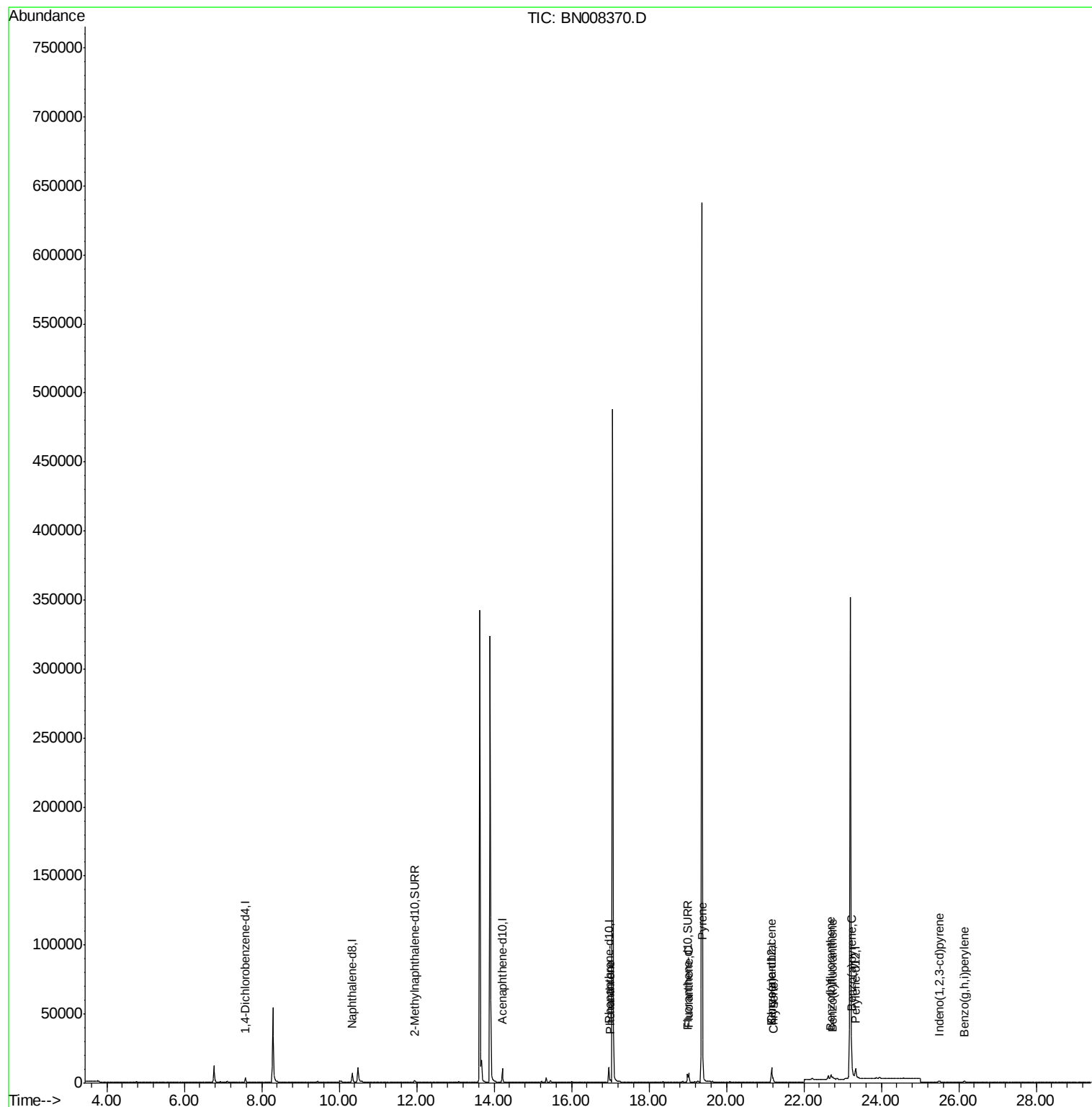
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
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ALS Vial : 62 Sample Multiplier: 1

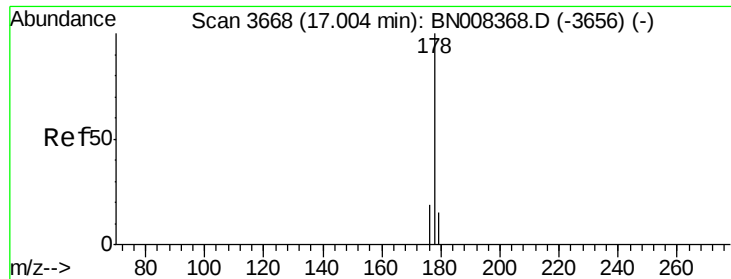
Instrument :
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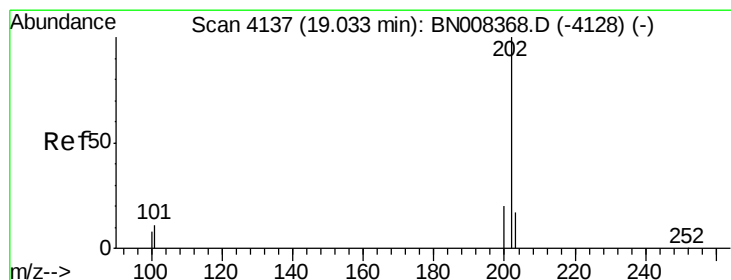
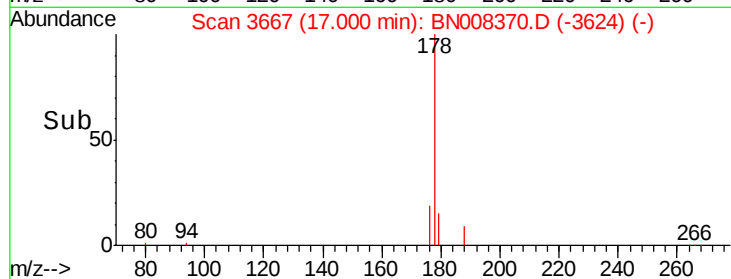
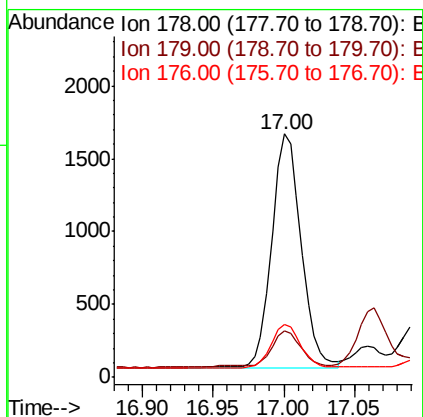
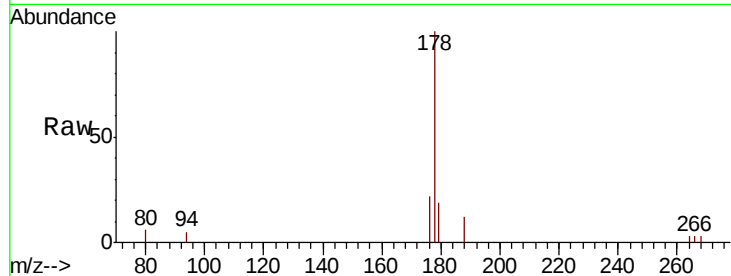
#12
Phenanthrene
Concen: 0.065 ng/ul
RT: 17.00 min Scan# 3667
Delta R.T. -0.02 min
Lab File: BN008370.D
Acq: 24 Oct 2019 03:29

Instrument :
BNA_N
ClientSampleId :
BEPK7

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.0	12.8	19.2
176	21.9	15.4	23.2

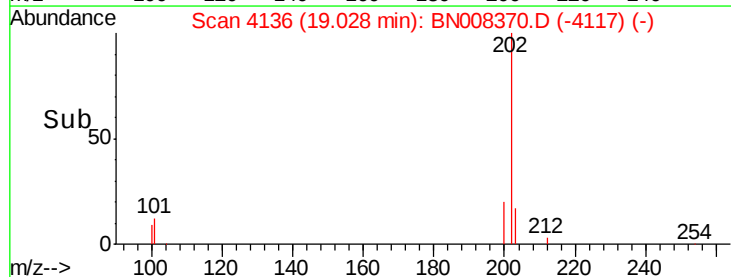
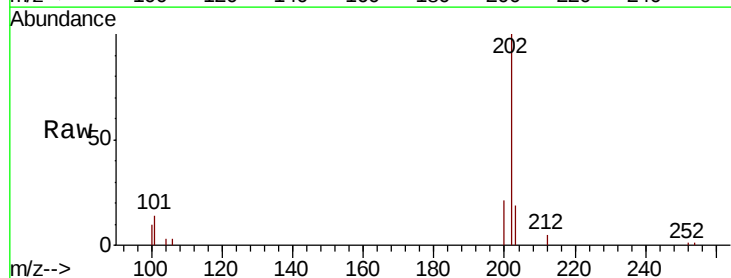
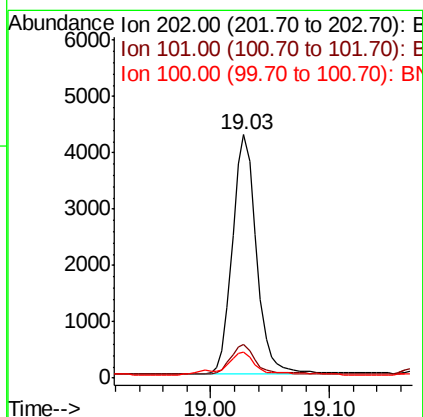
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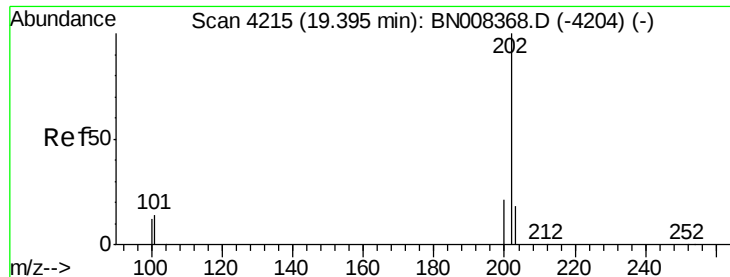
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#15
Fluoranthene
Concen: 0.126 ng/ul
RT: 19.03 min Scan# 4136
Delta R.T. -0.01 min
Lab File: BN008370.D
Acq: 24 Oct 2019 03:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	31.2
100	10.5	0.0	28.5





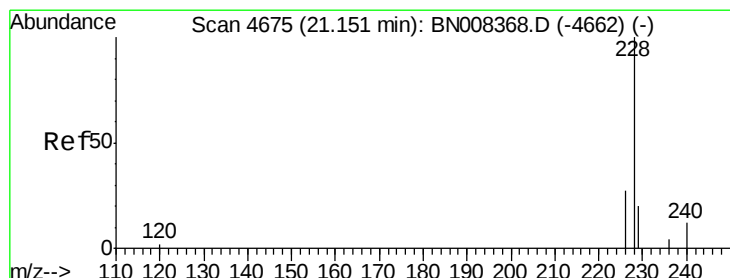
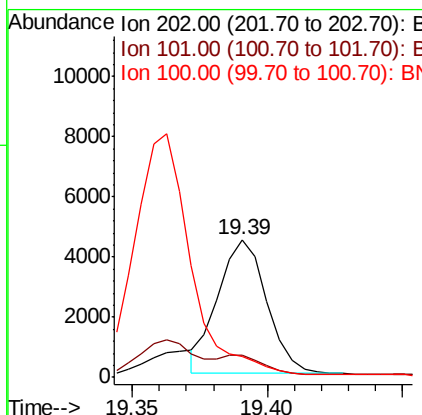
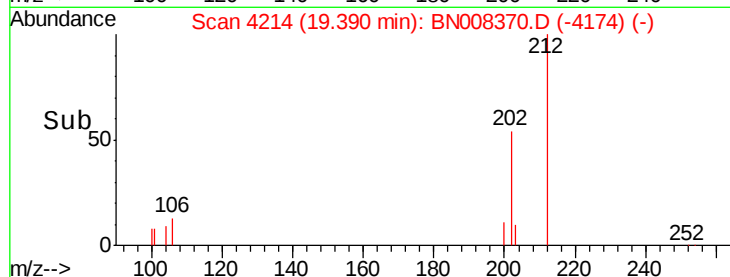
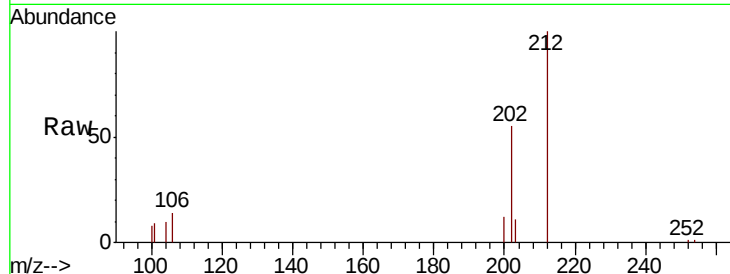
#17
Pvrene
Concen: 0.137 ng/ul m
RT: 19.39 min Scan# 4214
Delta R.T. -0.01 min
Lab File: BN008370.D
Acq: 24 Oct 2019 03:29

Instrument :
BNA_N
ClientSampleId :
BEPK7

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.7	10.9	16.3
100	15.2	8.7	13.1

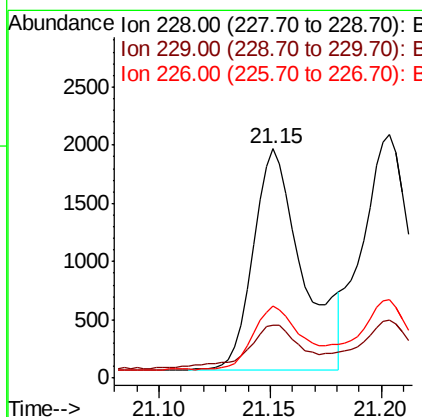
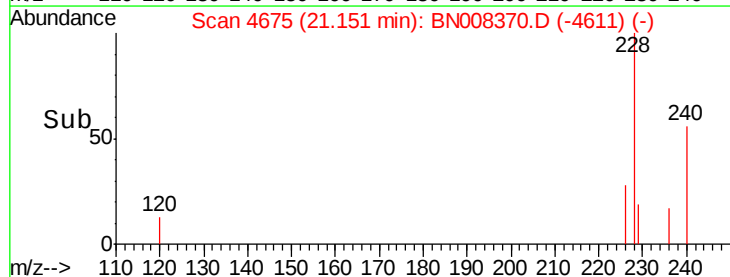
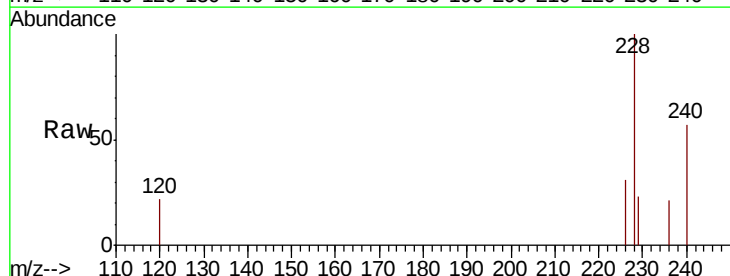
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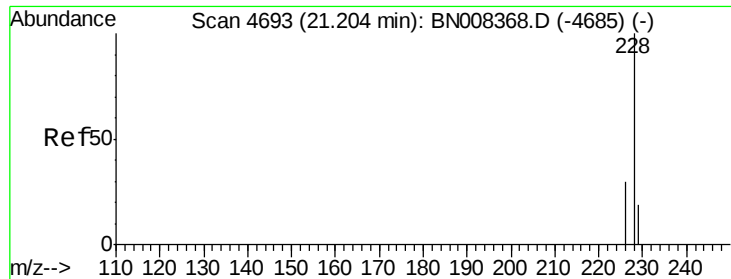
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#18
Benzo(a)anthracene
Concen: 0.078 ng/ul
RT: 21.15 min Scan# 4675
Delta R.T. -0.01 min
Lab File: BN008370.D
Acq: 24 Oct 2019 03:29

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.2	16.2	24.2
226	31.4	21.4	32.0





#19

Chrysene

Concen: 0.073 ng/ul

RT: 21.20 min Scan# 4693

Delta R.T. -0.01 min

Lab File: BN008370.D

Acq: 24 Oct 2019 03:29

Instrument :

BNA_N

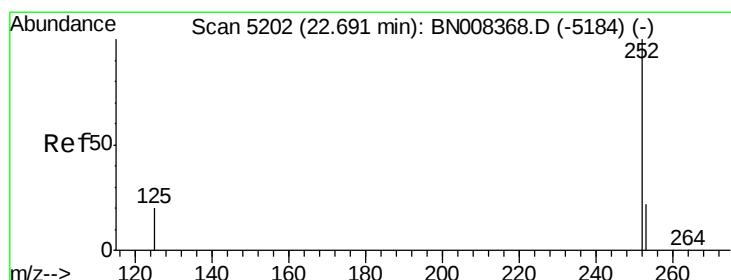
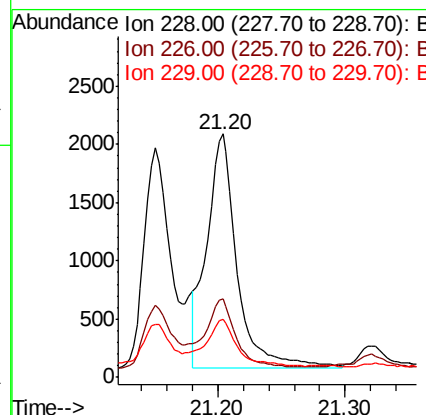
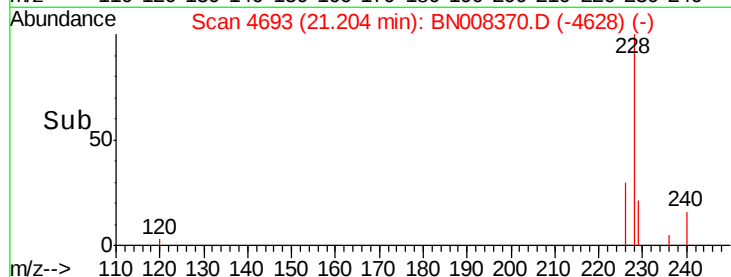
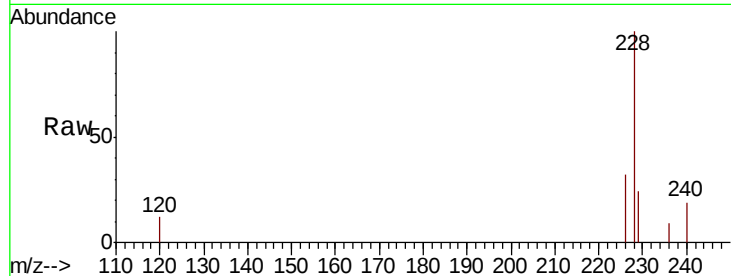
ClientSampled :

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Tot Ion:	228	Resp:	3345
Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.1	36.1
229	23.7	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 0.129 ng/ul m

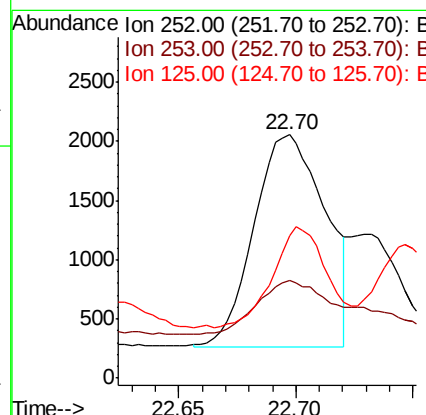
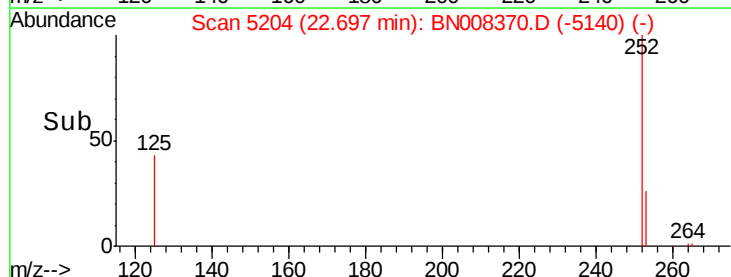
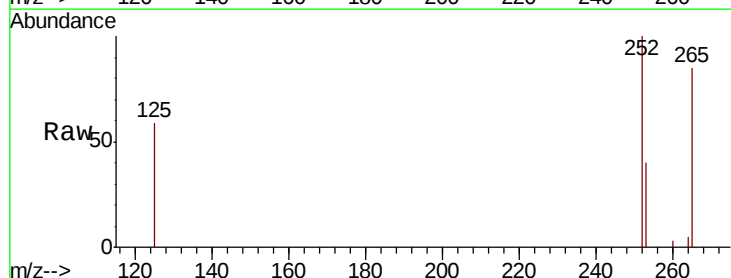
RT: 22.70 min Scan# 5204

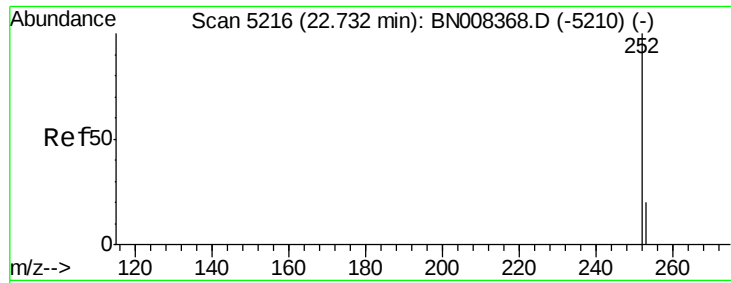
Delta R.T. -0.01 min

Lab File: BN008370.D

Acq: 24 Oct 2019 03:29

Tgt Ion:	252	Resp:	3803
Ion	Ratio	Lower	Upper
252	100		
253	40.3	0.0	53.4
125	58.8	0.0	32.4#





#22

Benzo(k)fluoranthene

Concen: 0.040 ng/u1 m

RT: 22.73 min Scan# 5215

Delta R.T. -0.02 min

Lab File: BN008370.D

Acq: 24 Oct 2019 03:29

Instrument :

BNA_N

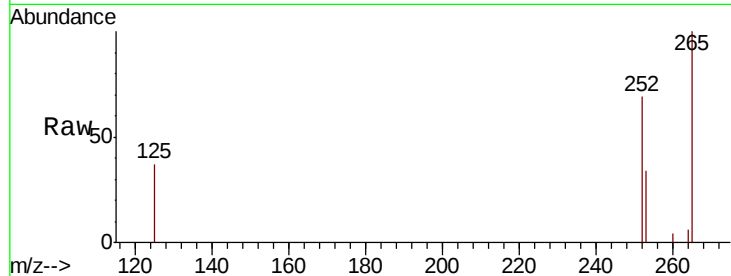
ClientSampleId :

BEPK7

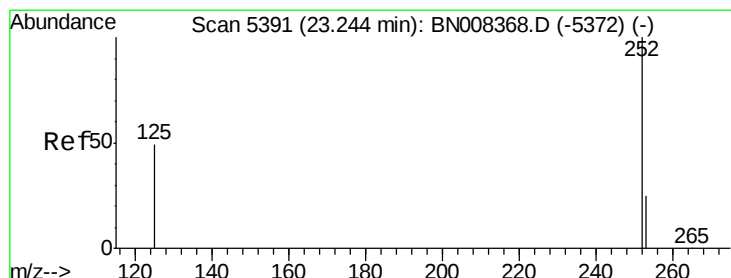
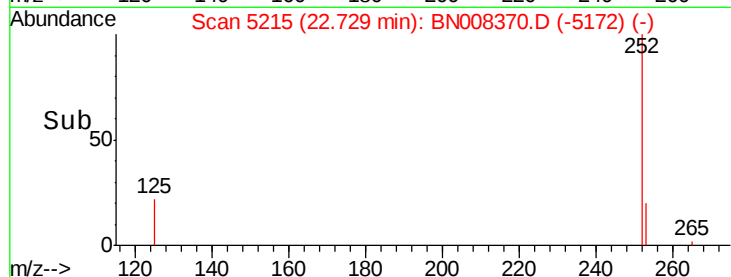
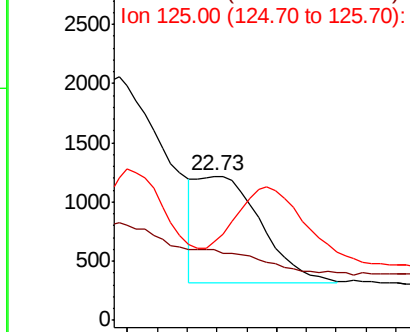
Tot Ion:	252	Resp:	1351
Ion Ratio	Lower	Upper	
252	100		
253	49.1	21.3	31.9#
125	54.1	12.3	18.5#

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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: 0.082 ng/u1

RT: 23.24 min Scan# 5390

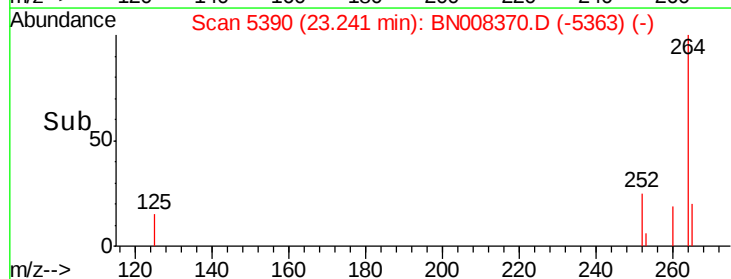
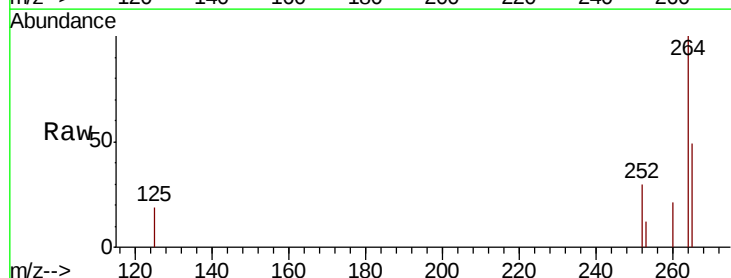
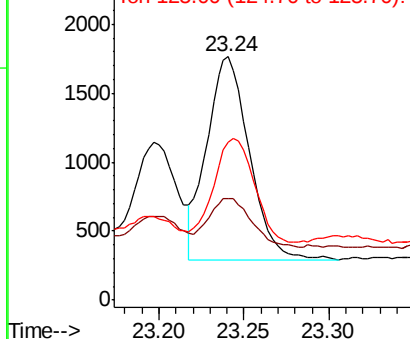
Delta R.T. -0.02 min

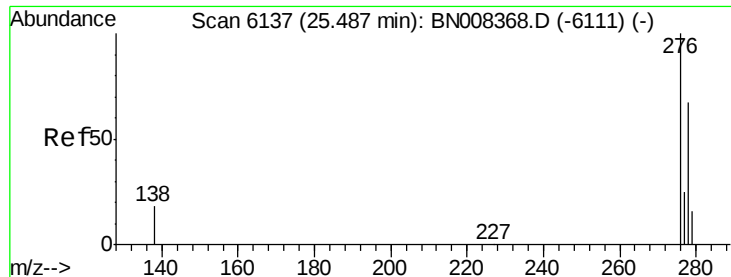
Lab File: BN008370.D

Acq: 24 Oct 2019 03:29

Tgt Ion:	252	Resp:	2554
Ion Ratio	Lower	Upper	
252	100		
253	41.8	22.8	34.2#
125	65.0	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





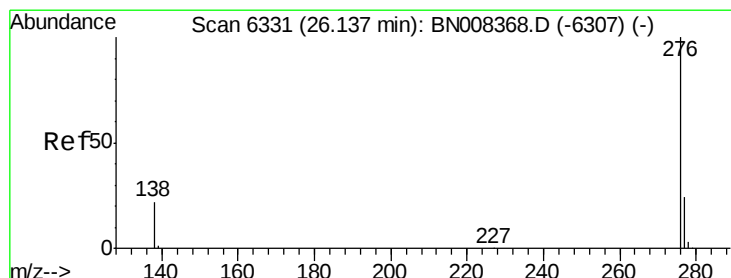
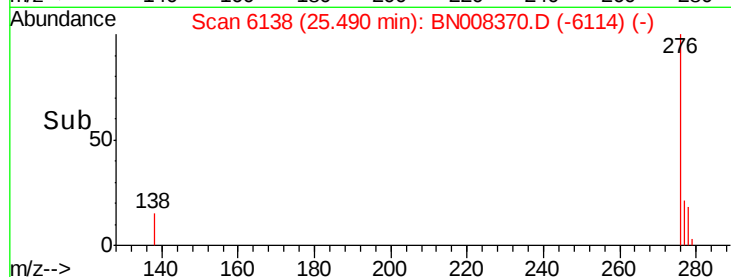
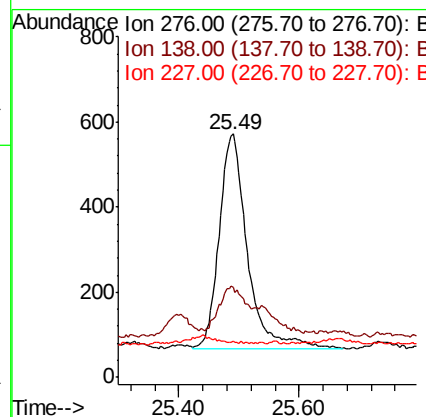
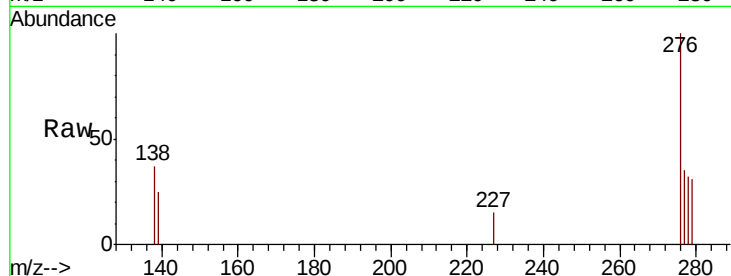
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.045 ng/u1
 RT: 25.49 min Scan# 6138
 Delta R.T. -0.02 min
 Lab File: BN008370.D
 Acq: 24 Oct 2019 03:29

Instrument :
 BNA_N
 ClientSampleId :
 BEPK7

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.9	16.1	24.1#
227	0.1	0.2	0.2#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.049 ng/u1
 RT: 26.14 min Scan# 6333
 Delta R.T. -0.02 min
 Lab File: BN008370.D
 Acq: 24 Oct 2019 03:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	36.2	17.0	25.4#
277	34.9	20.4	30.6#

