

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008371.D
 Acq On : 24 Oct 2019 04:05
 Operator : JU
 Sample : K5235-10
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPK8

Manual Integrations
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Quant Time: Oct 24 05:00:09 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	1799	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.34	136	8700	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5451	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	11899	0.40	ng/ul	-0.01
16) Chrysene-d12	21.17	240	10204	0.40	ng/ul	-0.01
20) Perylene-d12	23.33	264	8694	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	1787	0.12	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	6480	0.16	ng/ul	-0.02
Target Compounds				Ovalue		
7) Acenaphthylene	13.93	152	1386	0.053	ng/ul#	89
9) Fluorene	15.27	166	461	0.020	ng/ul#	93
12) Phenanthrene	17.00	178	10697	0.307	ng/ul	99
13) Anthracene	17.09	178	2148	0.070	ng/ul#	92
15) Fluoranthene	19.03	202	35219	0.765	ng/ul	98
17) Pyrene	19.39	202	33616	0.827	ng/ul	97
18) Benzo(a)anthracene	21.15	228	15114	0.407	ng/ul	97
19) Chrysene	21.20	228	19474	0.428	ng/ul	98
21) Benzo(b)fluoranthene	22.69	252	21706m	0.767	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	6355m	0.198	ng/ul	
23) Benzo(a)pyrene	23.24	252	13103	0.440	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.48	276	8631	0.246	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.49	278	1864	0.067	ng/ul#	71
26) Benzo(g,h,i)perylene	26.14	276	8616	0.268	ng/ul	95

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

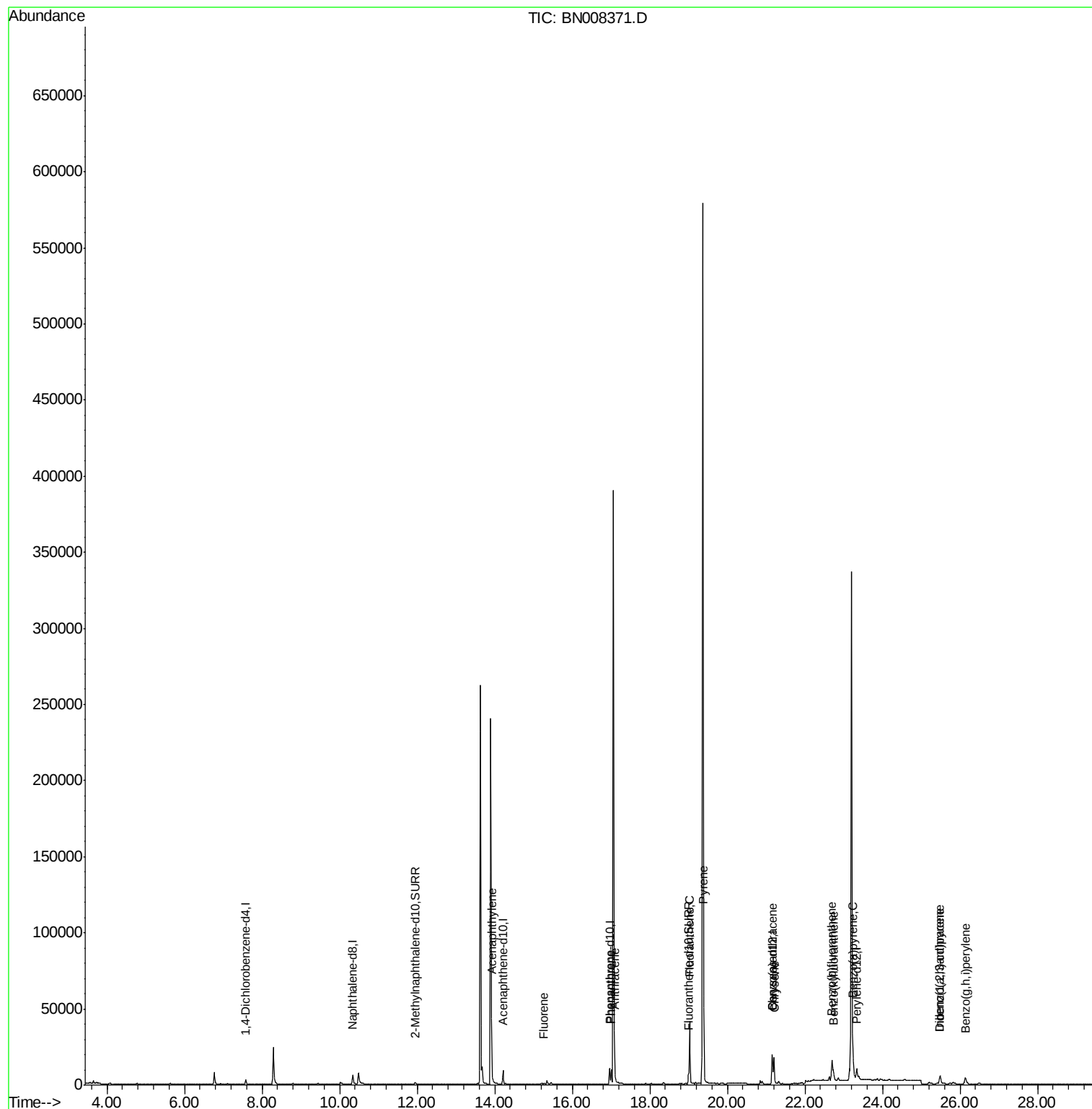
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008371.D
Acq On : 24 Oct 2019 04:05
Operator : JU
Sample : K5235-10
Misc :
ALS Vial : 63 Sample Multiplier: 1

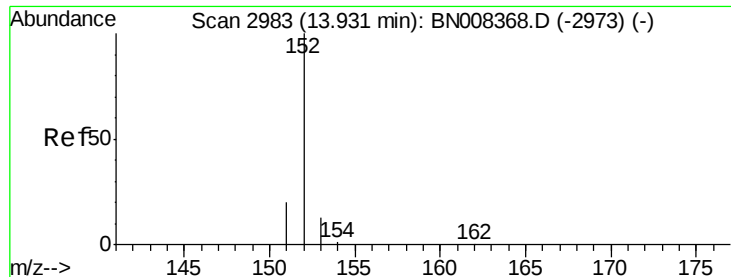
Instrument :
BNA_N
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BEPK8

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Quant Time: Oct 24 05:00:09 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





#7

Acenaphthylene

Concen: 0.053 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. -0.02 min

Lab File: BN008371.D

Acq: 24 Oct 2019 04:05

Instrument :

BNA_N

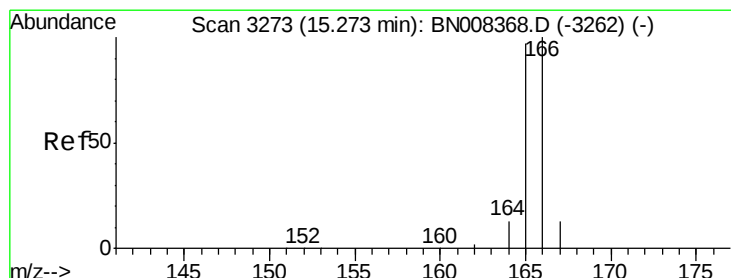
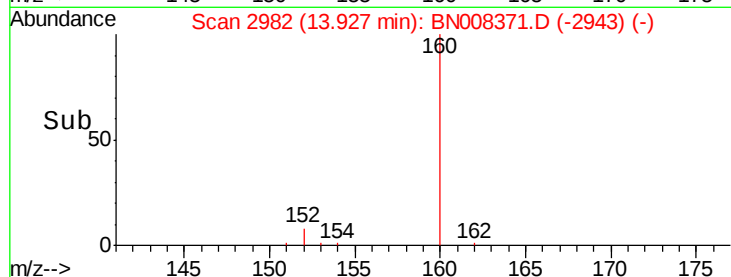
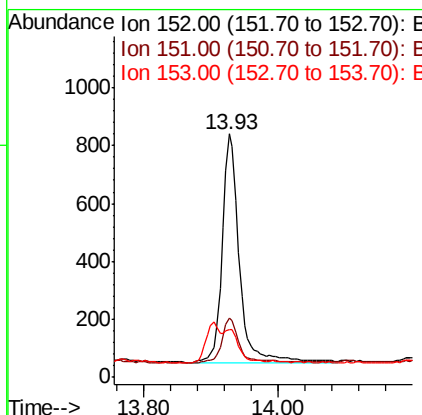
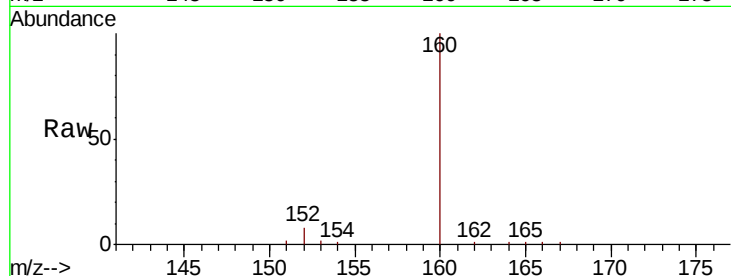
ClientSampled :

BEPK8

Tot Ion:	152	Resp:	1386
Ion Ratio	Lower	Upper	
152	100		
151	24.4	16.2	24.4#
153	19.5	11.0	16.4#

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#9

Fluorene

Concen: 0.020 ng/ul

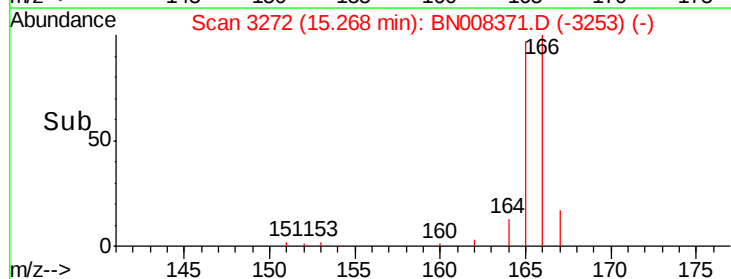
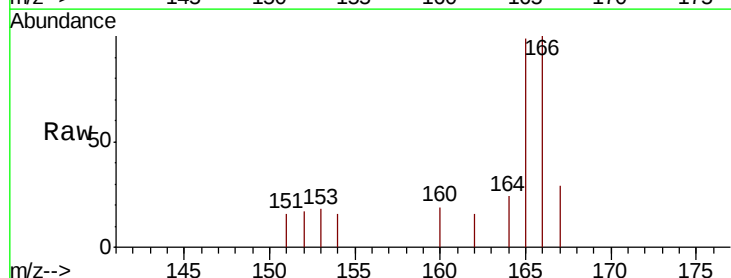
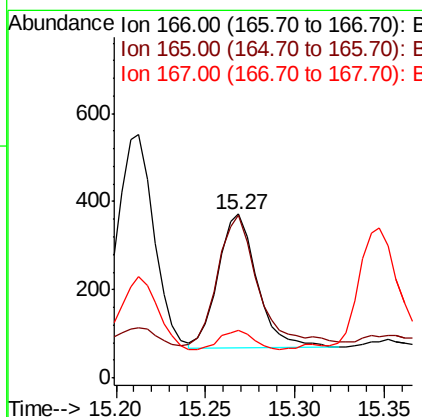
RT: 15.27 min Scan# 3272

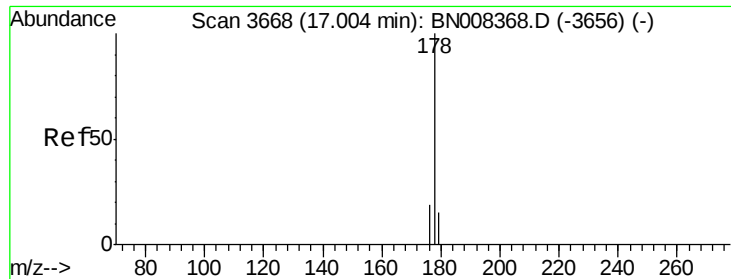
Delta R.T. -0.01 min

Lab File: BN008371.D

Acq: 24 Oct 2019 04:05

Tgt Ion:	166	Resp:	461
Ion Ratio	Lower	Upper	
166	100		
165	98.9	76.6	115.0
167	29.0	11.7	17.5#





#12

Phenanthrene

Concen: 0.307 ng/ul

RT: 17.00 min Scan# 3667

Delta R.T. -0.02 min

Lab File: BN008371.D

Acq: 24 Oct 2019 04:05

Instrument :

BNA_N

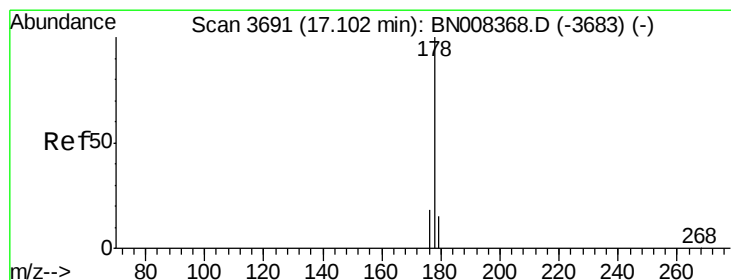
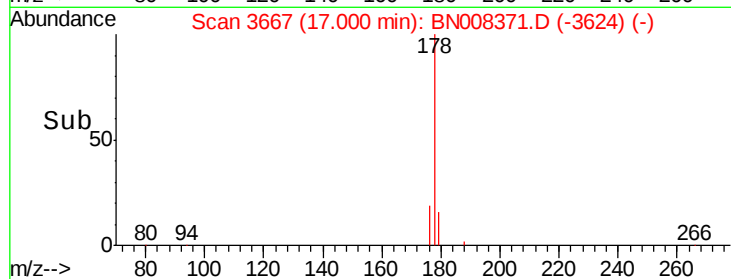
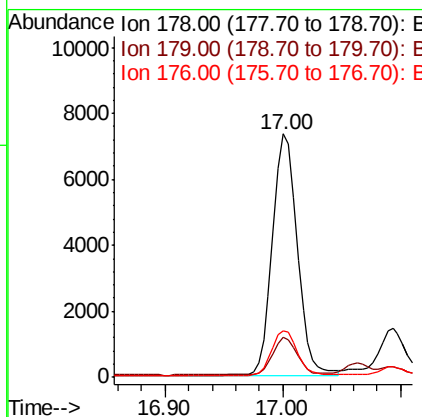
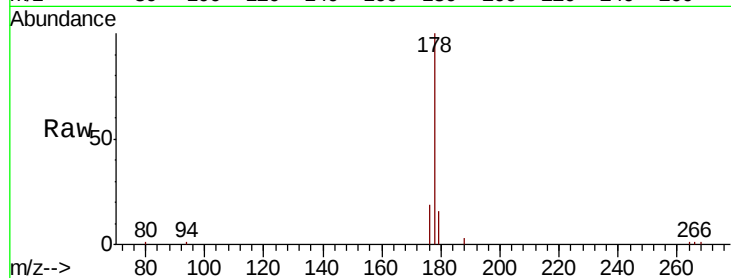
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.8	19.2
176	19.2	15.4	23.2

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#13

Anthracene

Concen: 0.070 ng/ul

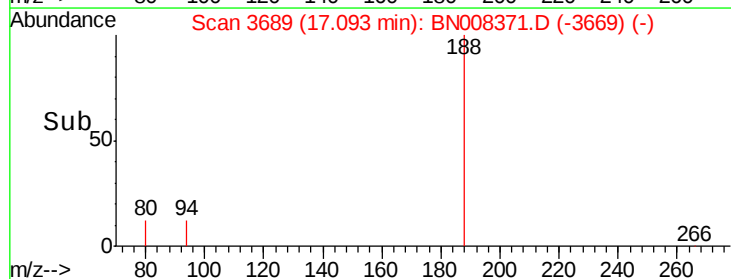
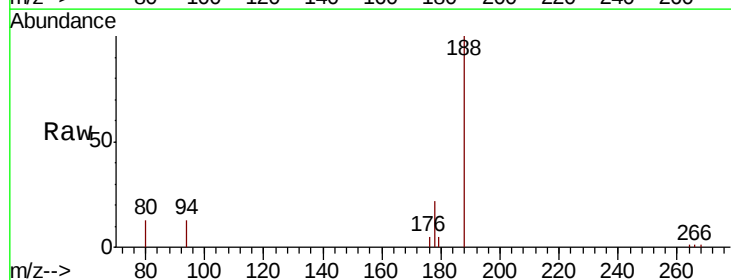
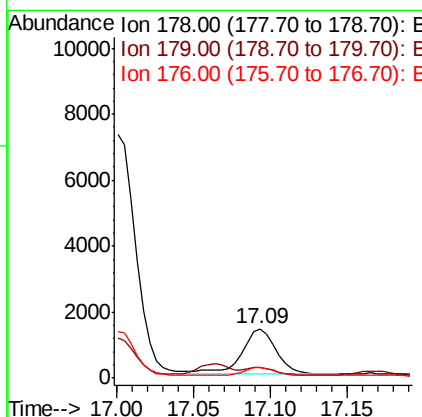
RT: 17.09 min Scan# 3689

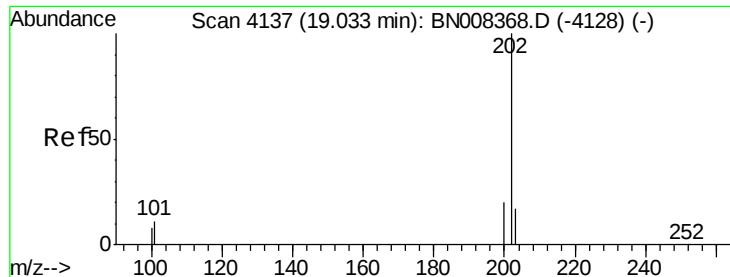
Delta R.T. -0.02 min

Lab File: BN008371.D

Acq: 24 Oct 2019 04:05

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.9	13.0	19.6#
176	21.2	15.0	22.6





#15

Fluoranthene

Concen: 0.765 ng/ul

RT: 19.03 min Scan# 4136

Delta R.T. -0.01 min

Lab File: BN008371.D

Acq: 24 Oct 2019 04:05

Instrument :

BNA_N

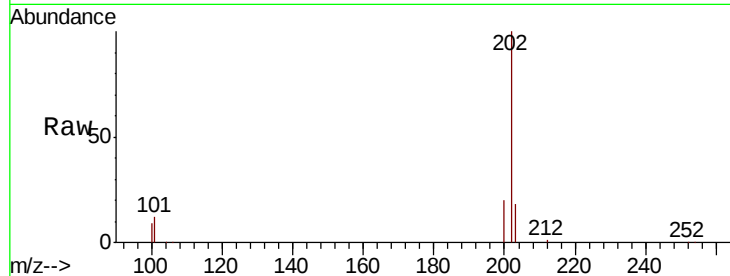
ClientSampleId :

BEPK8

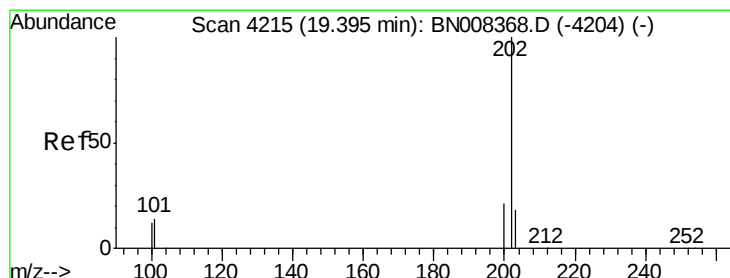
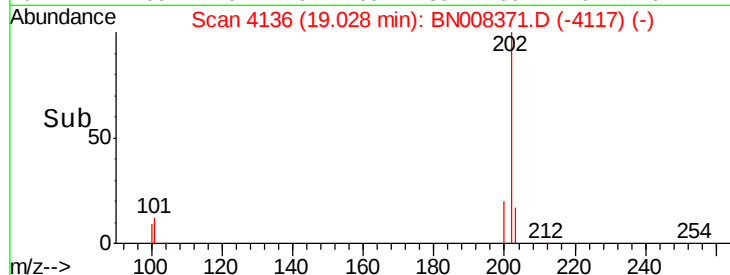
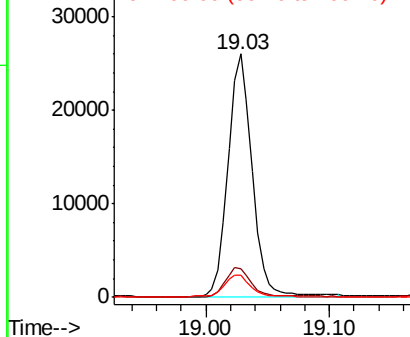
Tot Ion:	202	Resp:	35219
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	31.2
100	9.0	0.0	28.5

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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

Pyrene

Concen: 0.827 ng/ul

RT: 19.39 min Scan# 4214

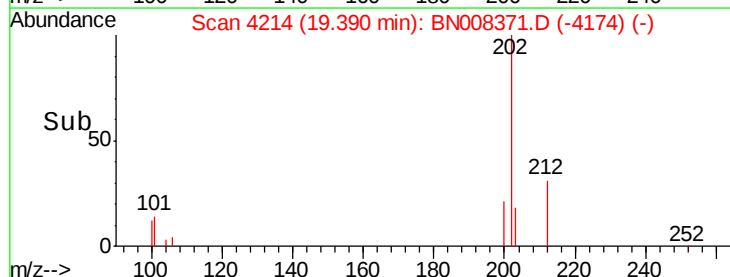
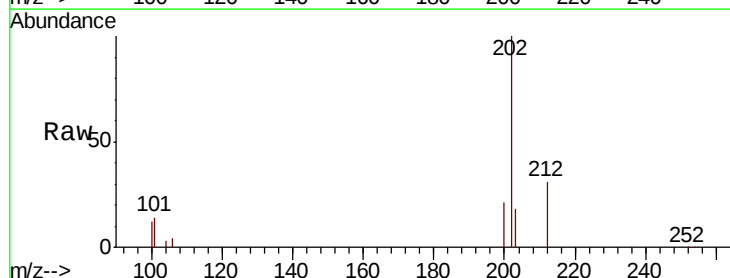
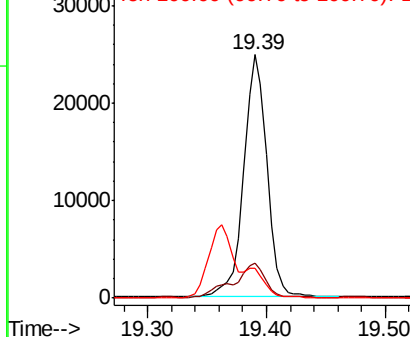
Delta R.T. -0.01 min

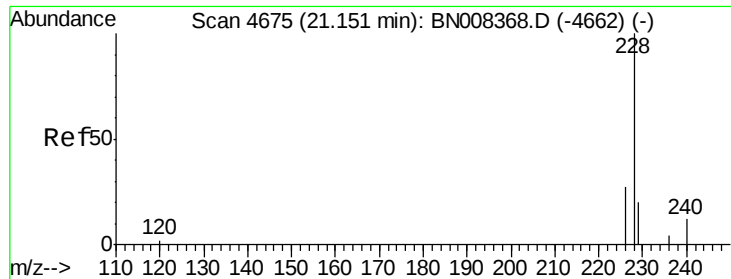
Lab File: BN008371.D

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Tgt Ion:	202	Resp:	33616
Ion Ratio	Lower	Upper	
202	100		
101	14.4	10.9	16.3
100	12.3	8.7	13.1

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





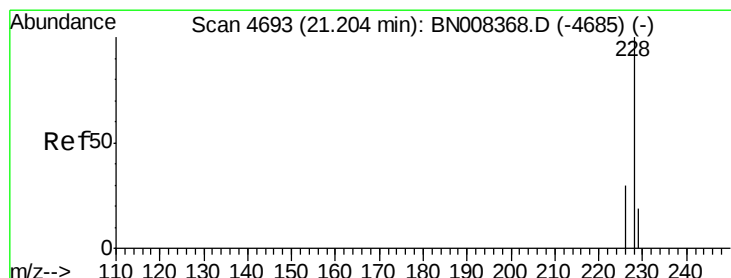
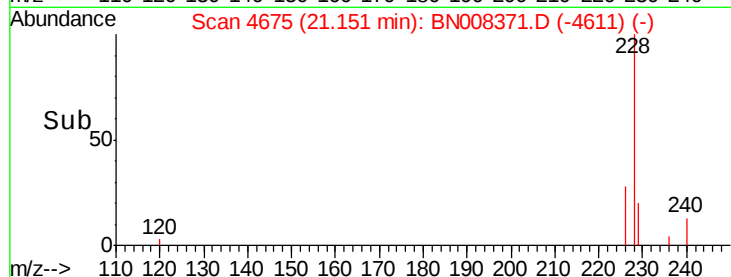
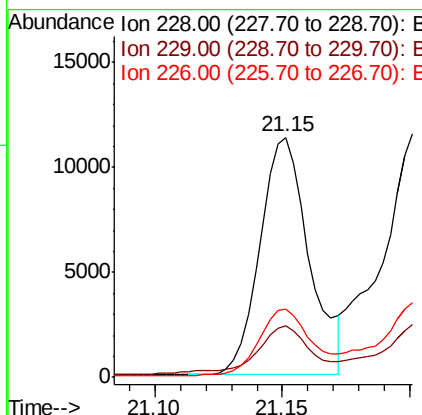
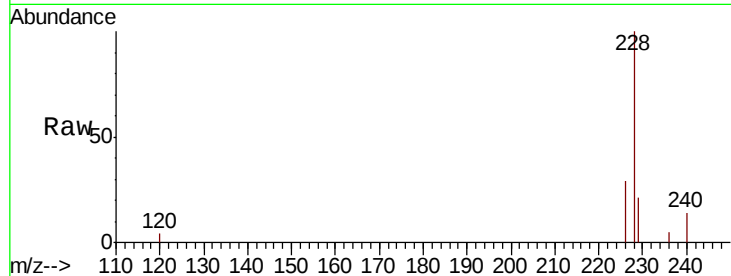
#18
Benzo(a)anthracene
Concen: 0.407 ng/ul
RT: 21.15 min Scan# 4675
Delta R.T. -0.01 min
Lab File: BN008371.D
Acq: 24 Oct 2019 04:05

Instrument :
BNA_N
ClientSampleId :
BEPK8

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.2	24.2
226	28.6	21.4	32.0

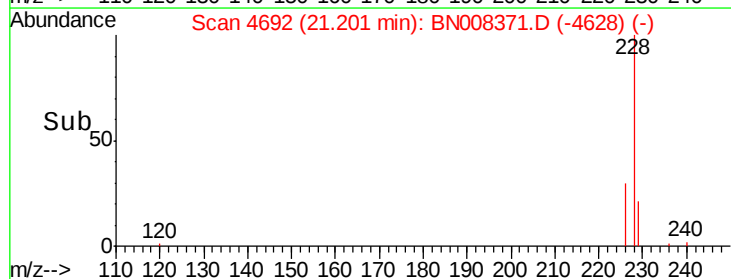
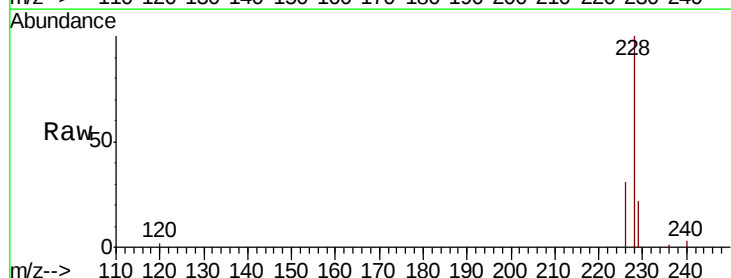
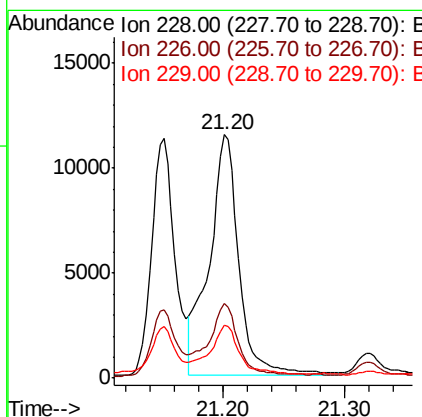
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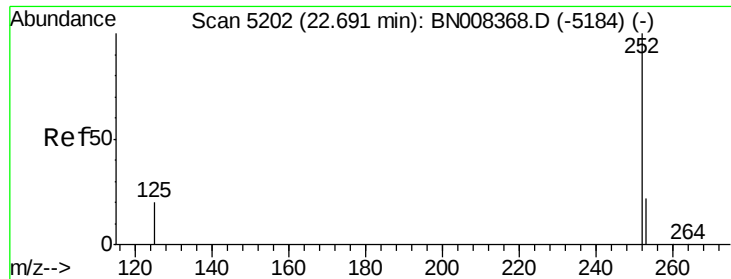
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#19
Chrysene
Concen: 0.428 ng/ul
RT: 21.20 min Scan# 4692
Delta R.T. -0.01 min
Lab File: BN008371.D
Acq: 24 Oct 2019 04:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.1	36.1
229	21.5	16.2	24.2





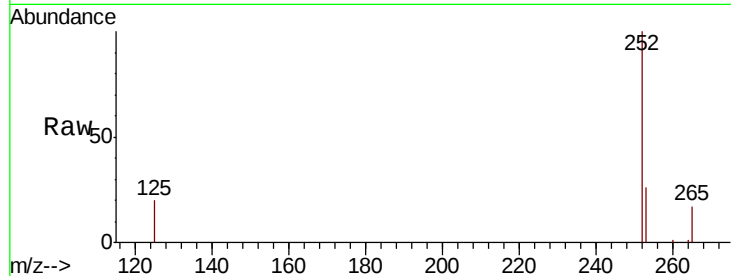
#21
Benzo(b)fluoranthene
Concen: 0.767 ng/ul m
RT: 22.69 min Scan# 5203
Delta R.T. -0.01 min
Lab File: BN008371.D
Acq: 24 Oct 2019 04:05

Instrument :
BNA_N
ClientSampleId :
BEPK8

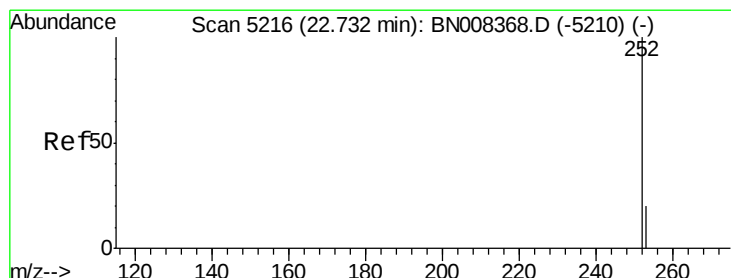
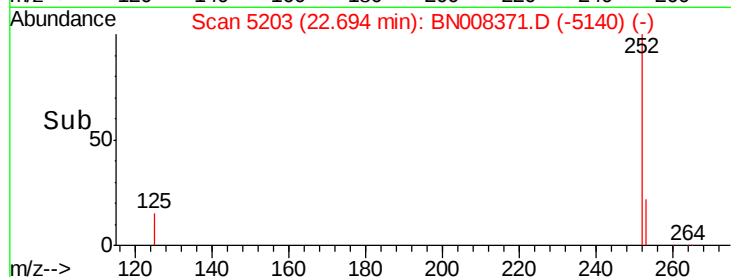
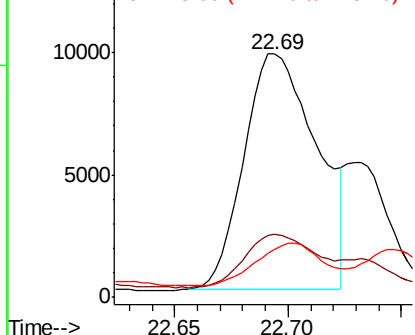
Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	0.0	53.4
125	19.7	0.0	32.4

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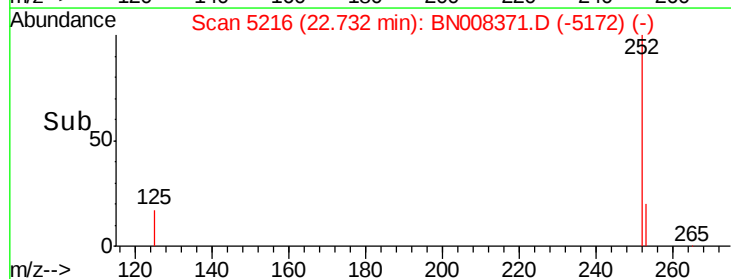
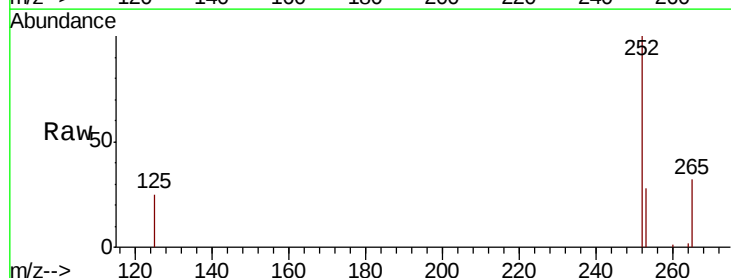
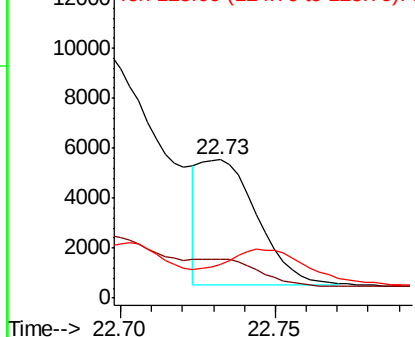
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

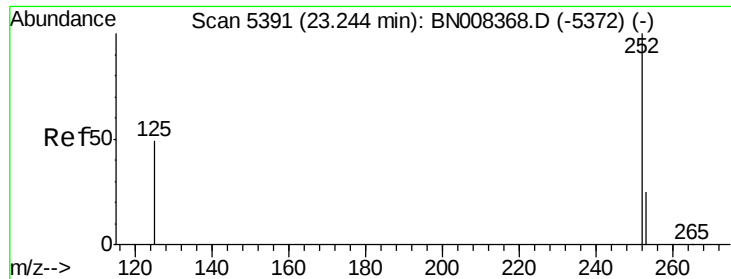


#22
Benzo(k)fluoranthene
Concen: 0.198 ng/ul m
RT: 22.73 min Scan# 5216
Delta R.T. -0.02 min
Lab File: BN008371.D
Acq: 24 Oct 2019 04:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.5	21.3	31.9
125	24.5	12.3	18.5#

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: 0.440 ng/ul

RT: 23.24 min Scan# 5389

Delta R.T. -0.02 min

Lab File: BN008371.D

Acq: 24 Oct 2019 04:05

Instrument :

BNA_N

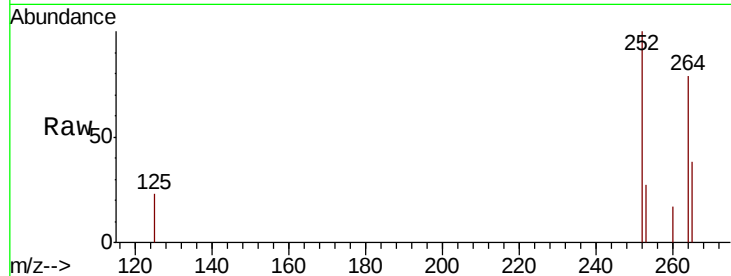
ClientSampleId :

BEPK8

Tot Ion:	252	Resp:	13103
Ion Ratio	Lower	Upper	
252	100		
253	26.9	22.8	34.2
125	23.5	18.4	27.6

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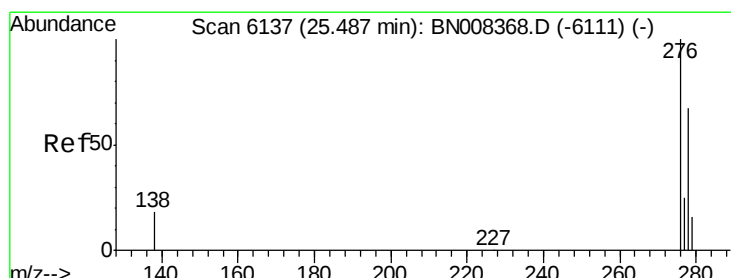
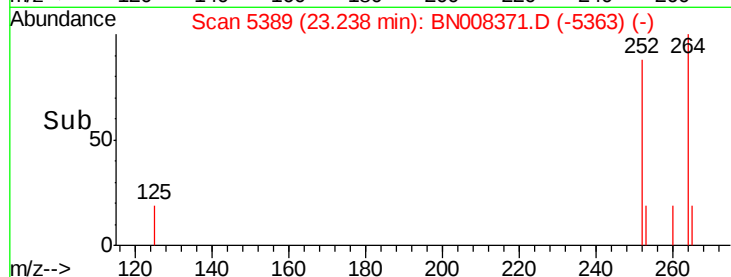
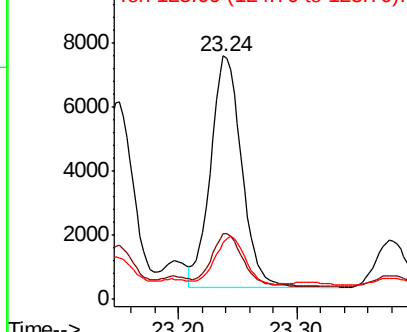


Abundance

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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.246 ng/ul

RT: 25.48 min Scan# 6136

Delta R.T. -0.03 min

Lab File: BN008371.D

Acq: 24 Oct 2019 04:05

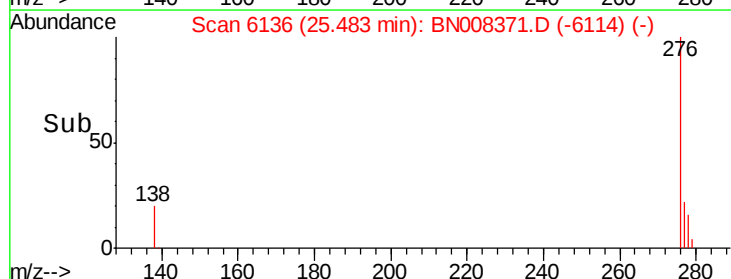
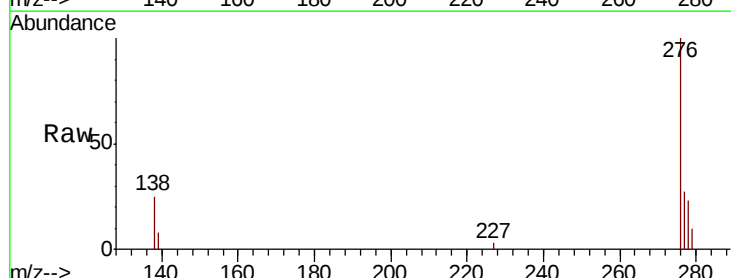
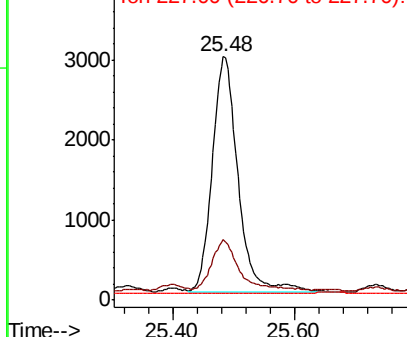
Tgt Ion:	276	Resp:	8631
Ion Ratio	Lower	Upper	
276	100		
138	22.2	16.1	24.1
227	0.1	0.2	0.2#

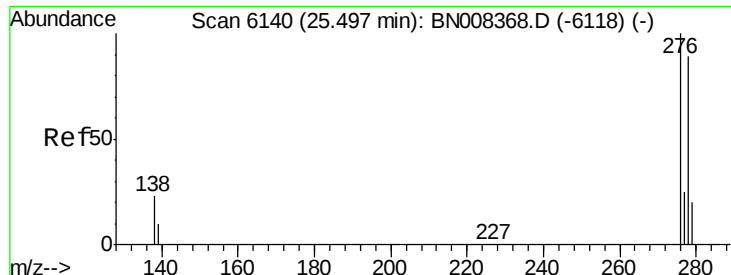
Abundance

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: 0.067 ng/ul

RT: 25.49 min Scan# 6138

Delta R.T. -0.03 min

Lab File: BN008371.D

Acq: 24 Oct 2019 04:05

Instrument :

BNA_N

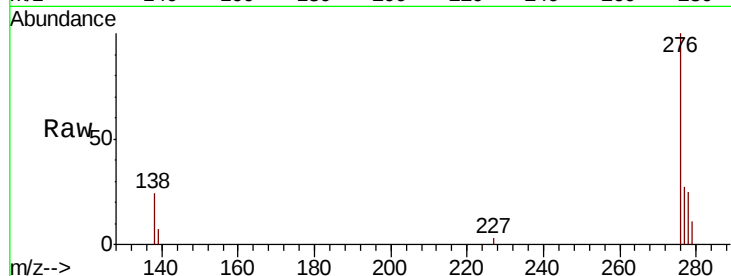
ClientSampleId :

BEPK8

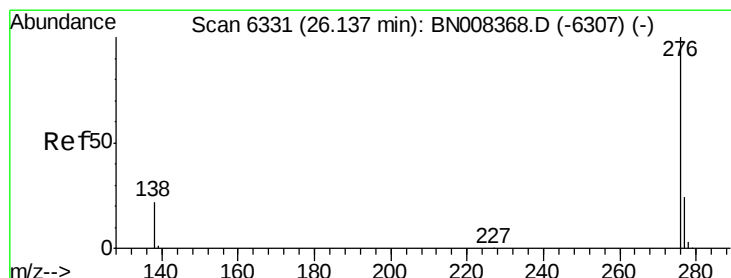
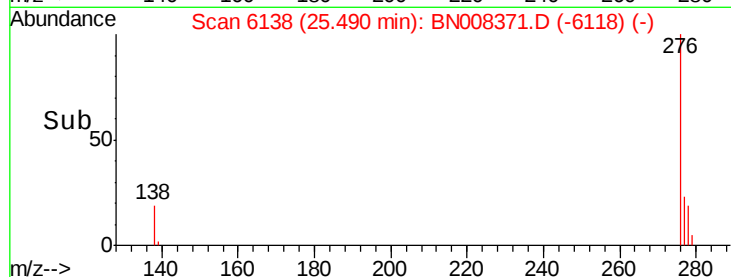
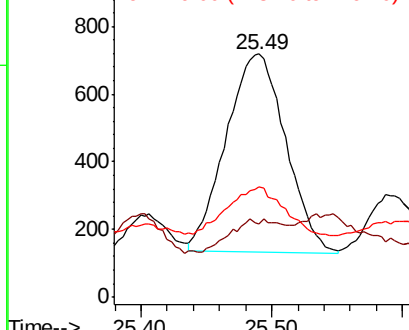
Tot Ion:	278	Resp:	1864
Ion Ratio	Lower	Upper	
278	100		
139	29.9	15.0	22.6#
279	45.2	22.4	33.6#

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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(g,h,i)perylene

Concen: 0.268 ng/ul

RT: 26.14 min Scan# 6331

Delta R.T. -0.03 min

Lab File: BN008371.D

Acq: 24 Oct 2019 04:05

Tgt Ion:	276	Resp:	8616
Ion Ratio	Lower	Upper	
276	100		
138	24.9	17.0	25.4
277	26.5	20.4	30.6

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

