

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102219\
 Data File : BN008363.D
 Acq On : 23 Oct 2019 23:19
 Operator : JU
 Sample : K5235-01
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPA9

Manual Integrations
 APPROVED

mohammad
 10/24/2019 8:07:07 AM

Quant Time: Oct 24 02:18:48 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	1644	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.34	136	8062	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5291	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	11783	0.40	ng/ul	-0.01
16) Chrysene-d12	21.17	240	10904	0.40	ng/ul	-0.01
20) Perylene-d12	23.33	264	9314	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	1492	0.11	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	4963	0.12	ng/ul	-0.01
Target Compounds				Qvalue		
7) Acenaphthylene	13.93	152	1056	0.042	ng/ul#	86
9) Fluorene	15.27	166	501	0.023	ng/ul#	94
12) Phenanthrene	17.00	178	9514	0.276	ng/ul	100
13) Anthracene	17.09	178	1672	0.055	ng/ul#	89
15) Fluoranthene	19.03	202	20750	0.455	ng/ul	96
17) Pyrene	19.39	202	21727	0.500	ng/ul	96
18) Benzo(a)anthracene	21.15	228	11315	0.285	ng/ul	96
19) Chrysene	21.20	228	12832	0.264	ng/ul	97
21) Benzo(b)fluoranthene	22.70	252	12797m	0.422	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	3883m	0.113	ng/ul	
23) Benzo(a)pyrene	23.24	252	9068	0.284	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.49	276	4977	0.132	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.49	278	1163	0.039	ng/ul#	52
26) Benzo(g,h,i)perylene	26.14	276	4928	0.143	ng/ul#	92

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

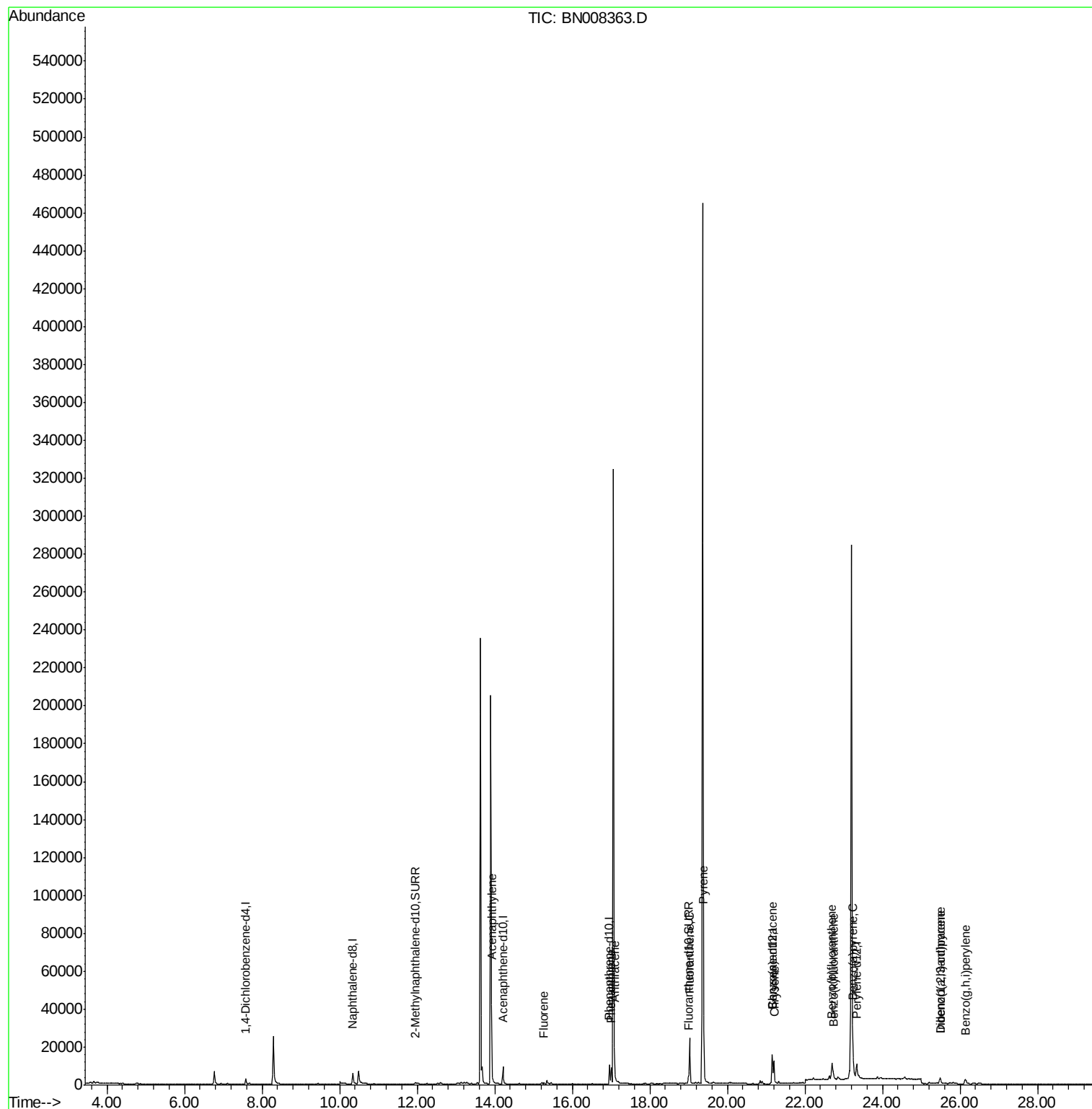
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102219\
Data File : BN008363.D
Acq On : 23 Oct 2019 23:19
Operator : JU
Sample : K5235-01
Misc :
ALS Vial : 56 Sample Multiplier: 1

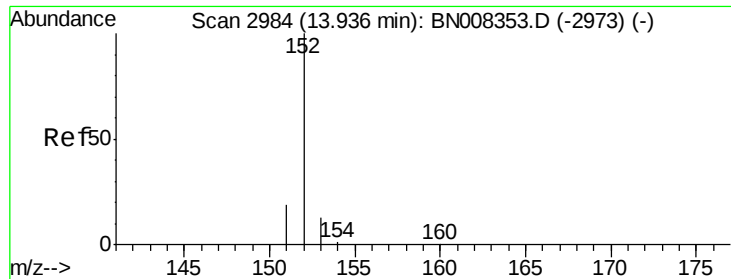
Instrument :
BNA_N
ClientSampleId :
BEP A9

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Quant Time: Oct 24 02:18:48 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: 0.042 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. -0.02 min

Lab File: BN008363.D

Acq: 23 Oct 2019 23:19

Instrument :

BNA_N

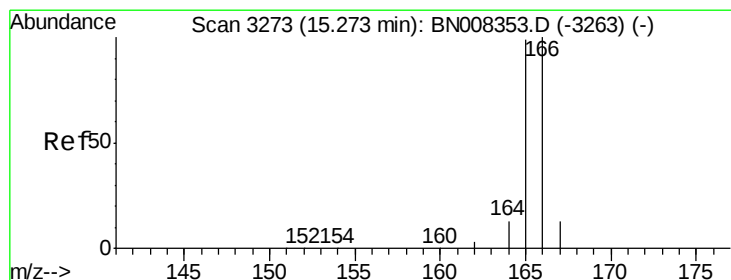
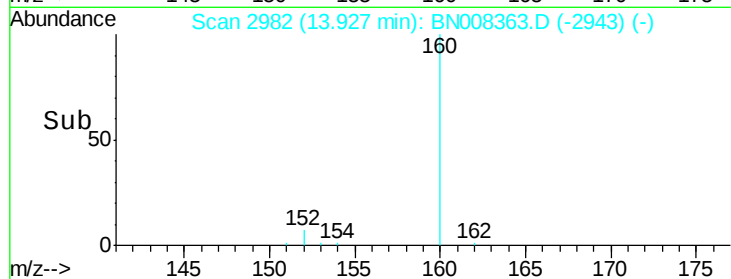
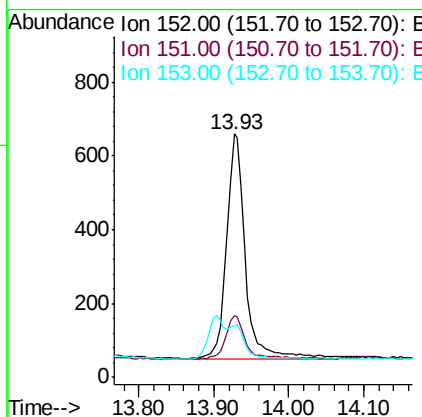
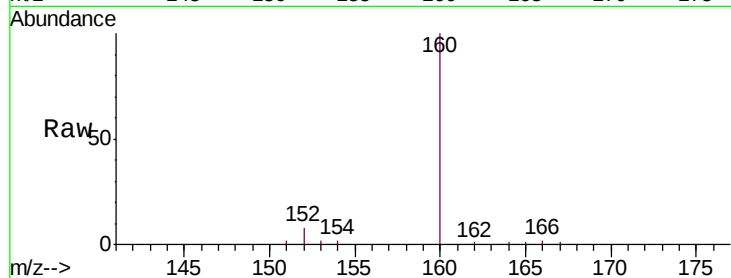
ClientSampleId :

BEPA9

Tgt Ion:	152	Resp:	1056
Ion Ratio	Lower	Upper	
152	100		
151	25.2	16.2	24.4#
153	21.2	11.0	16.4#

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#9

Fluorene

Concen: 0.023 ng/ul

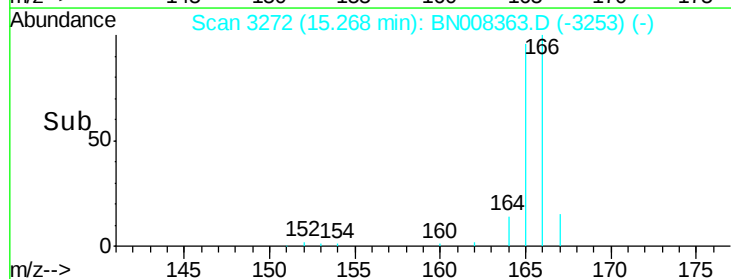
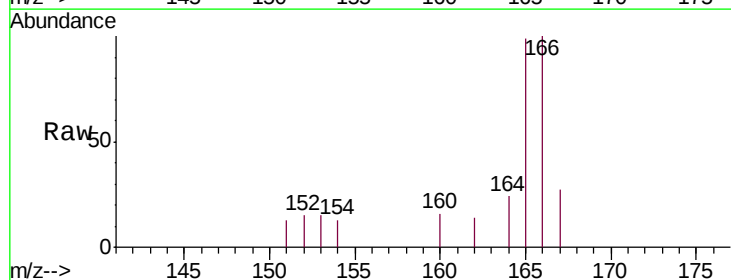
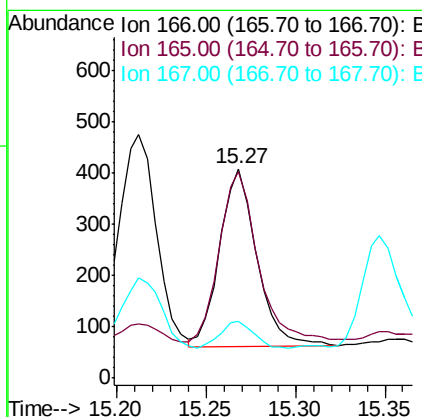
RT: 15.27 min Scan# 3272

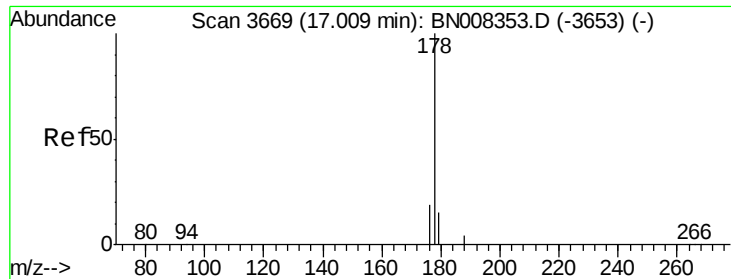
Delta R.T. -0.01 min

Lab File: BN008363.D

Acq: 23 Oct 2019 23:19

Tgt Ion:	166	Resp:	501
Ion Ratio	Lower	Upper	
166	100		
165	98.5	76.6	115.0
167	26.9	11.7	17.5#





#12

Phenanthrene

Concen: 0.276 ng/ul

RT: 17.00 min Scan# 3668

Delta R.T. -0.01 min

Lab File: BN008363.D

Acq: 23 Oct 2019 23:19

Instrument :

BNA_N

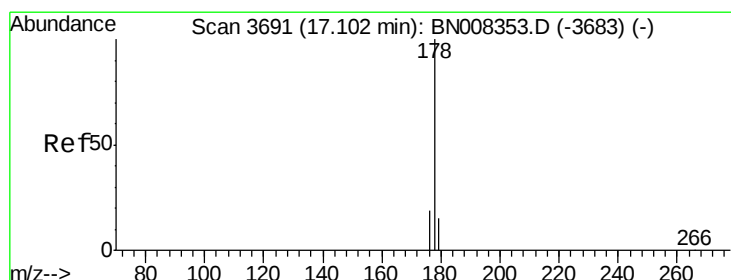
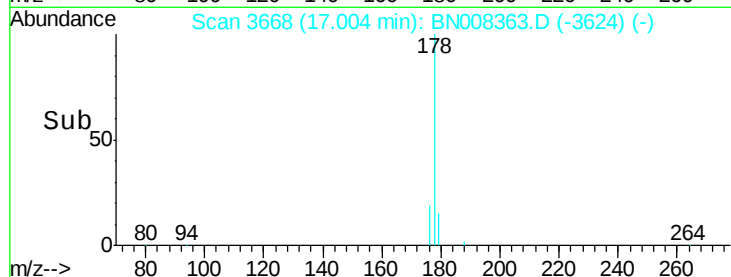
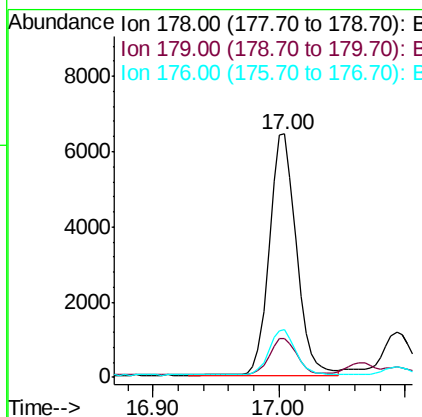
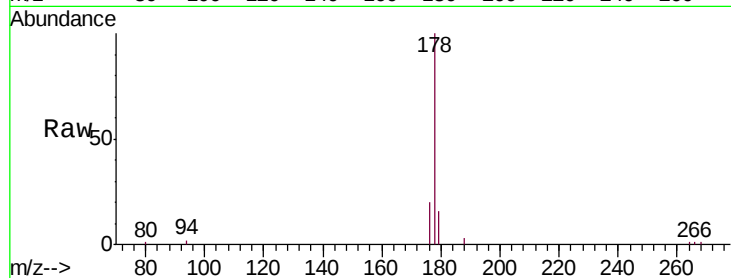
ClientSampleId :

BEPA9

Tgt Ion:	178	Resp:	9514
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.8	19.2
176	19.5	15.4	23.2

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#13

Anthracene

Concen: 0.055 ng/ul

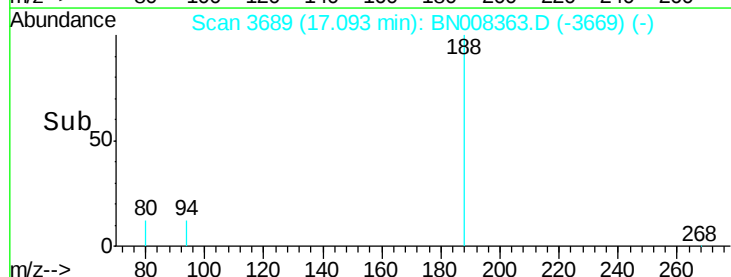
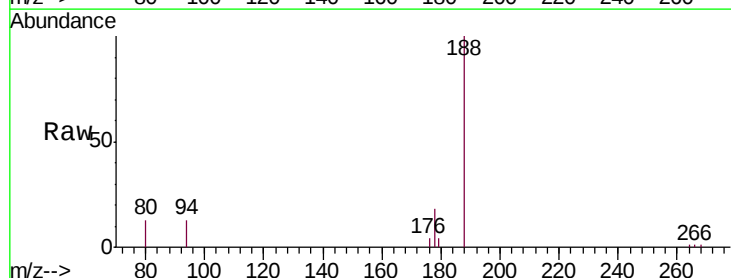
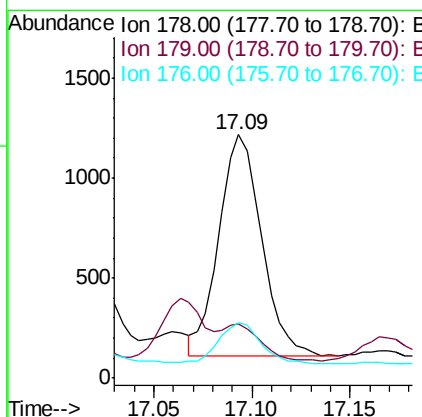
RT: 17.09 min Scan# 3689

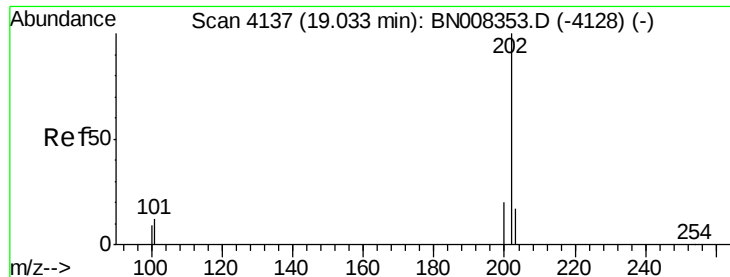
Delta R.T. -0.02 min

Lab File: BN008363.D

Acq: 23 Oct 2019 23:19

Tgt Ion:	178	Resp:	1672
Ion Ratio	Lower	Upper	
178	100		
179	22.3	13.0	19.6#
176	22.6	15.0	22.6#





#15

Fluoranthene

Concen: 0.455 ng/ul

RT: 19.03 min Scan# 4136

Delta R.T. -0.01 min

Lab File: BN008363.D

Acq: 23 Oct 2019 23:19

Instrument :

BNA_N

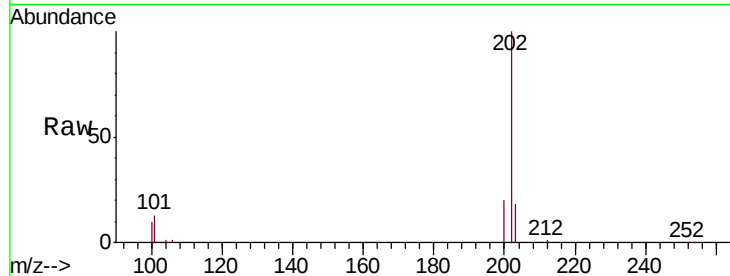
ClientSampleId :

BEPA9

Tgt Ion:	202	Resp:	20750
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	31.2
100	9.7	0.0	28.5

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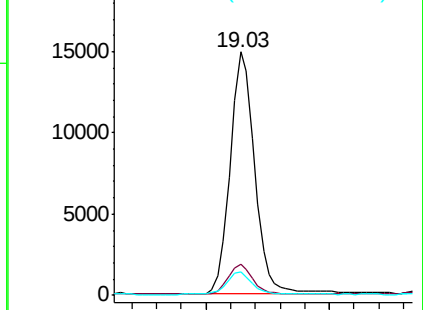
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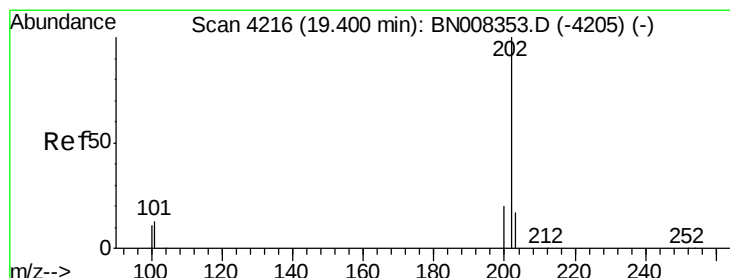
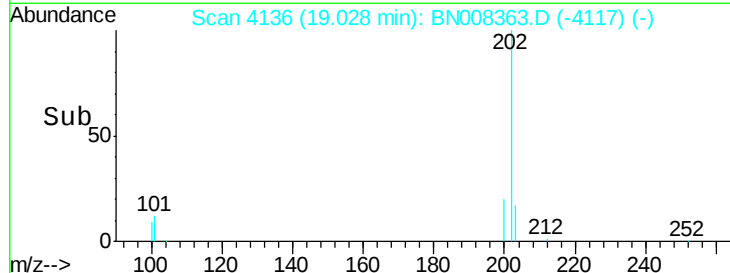
Abundance Ion 202.00 (201.70 to 202.70): E

20000 Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#17

Pyrene

Concen: 0.500 ng/ul

RT: 19.39 min Scan# 4214

Delta R.T. -0.01 min

Lab File: BN008363.D

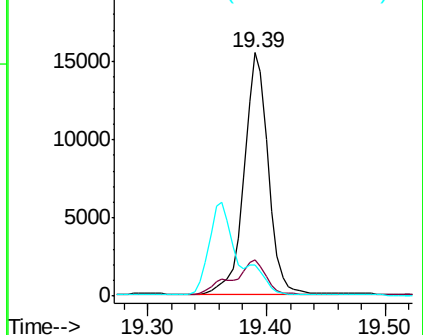
Acq: 23 Oct 2019 23:19

Tgt Ion:	202	Resp:	21727
Ion Ratio	Lower	Upper	
202	100		
101	15.1	10.9	16.3
100	12.9	8.7	13.1

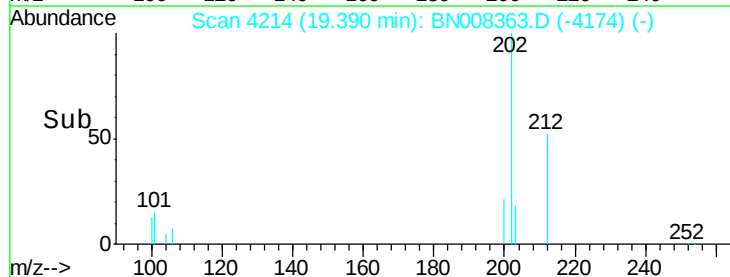
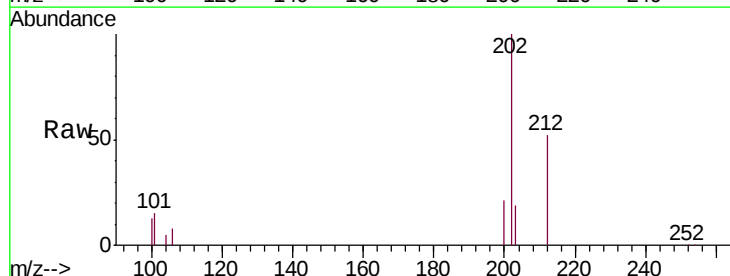
Abundance Ion 202.00 (201.70 to 202.70): E

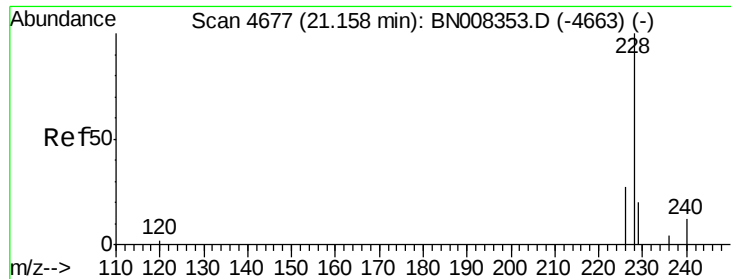
20000 Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





#18

Benzo(a)anthracene

Concen: 0.285 ng/ul

RT: 21.15 min Scan# 4675

Delta R.T. -0.01 min

Lab File: BN008363.D

Acq: 23 Oct 2019 23:19

Instrument :

BNA_N

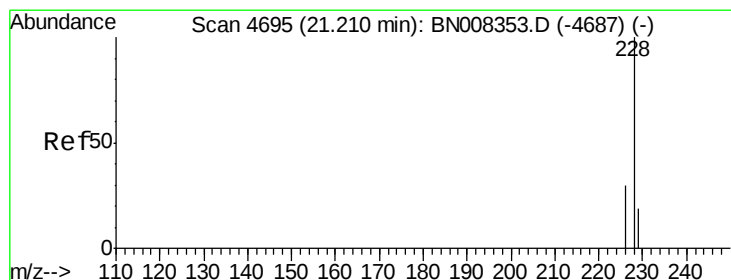
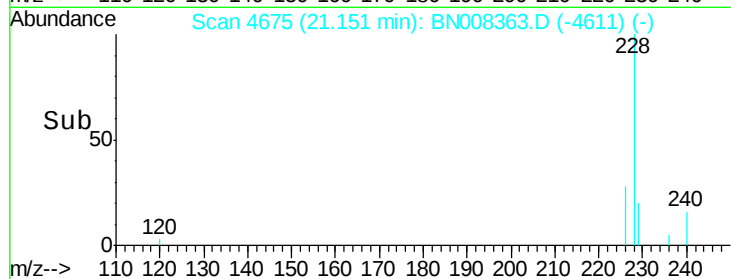
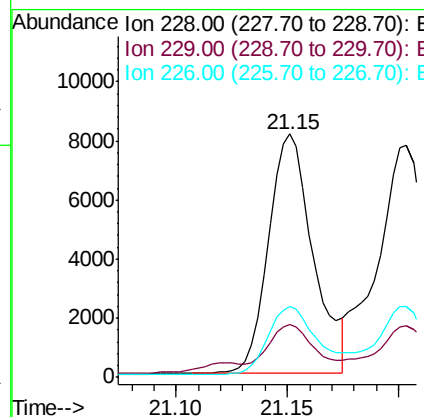
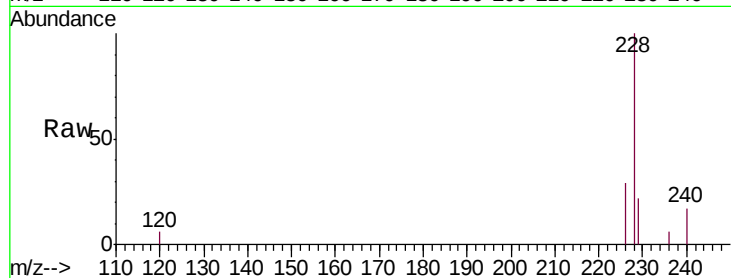
ClientSampleId :

BEPA9

Tgt Ion:	228	Resp:	11315
Ion Ratio	Lower	Upper	
228	100		
229	21.8	16.2	24.2
226	29.1	21.4	32.0

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#19

Chrysene

Concen: 0.264 ng/ul

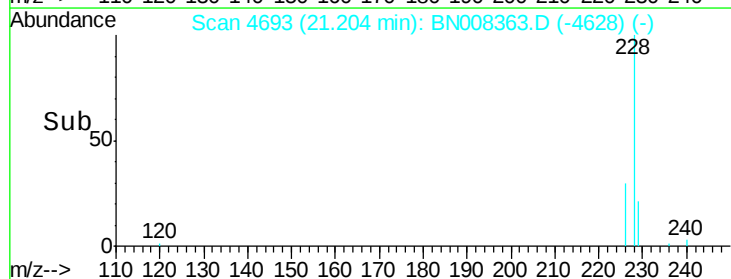
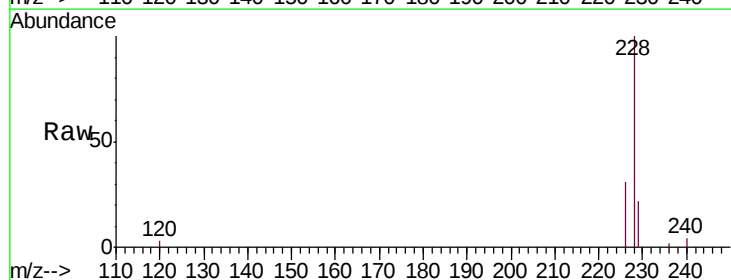
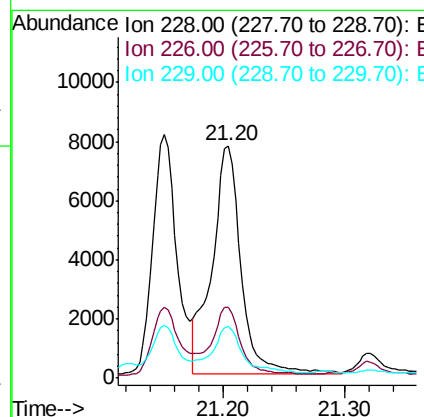
RT: 21.20 min Scan# 4693

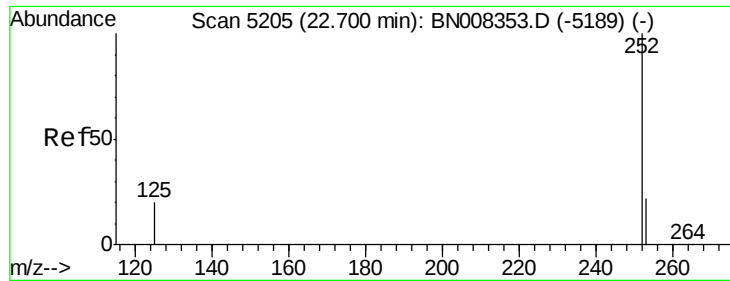
Delta R.T. -0.01 min

Lab File: BN008363.D

Acq: 23 Oct 2019 23:19

Tgt Ion:	228	Resp:	12832
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.1	36.1
229	22.4	16.2	24.2





#21

Benzo(b)fluoranthene

Concen: 0.422 ng/ul m

RT: 22.70 min Scan# 5204

Delta R.T. -0.01 min

Lab File: BN008363.D

Acq: 23 Oct 2019 23:19

Instrument :

BNA_N

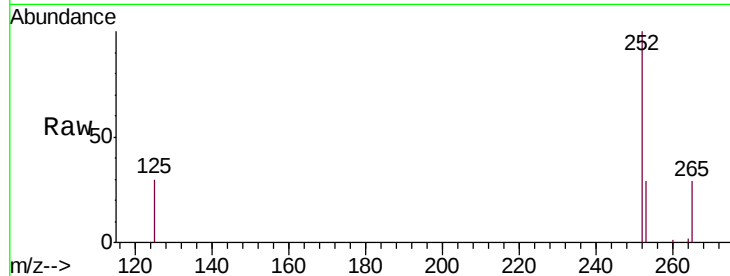
ClientSampleId :

BEPA9

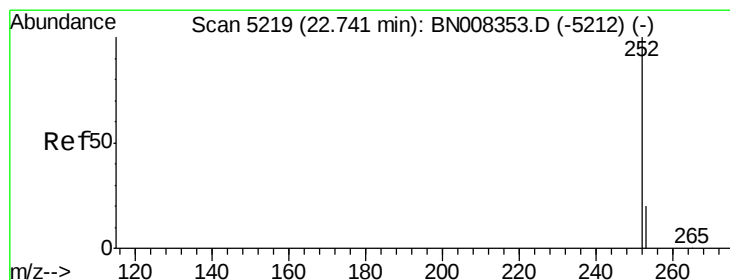
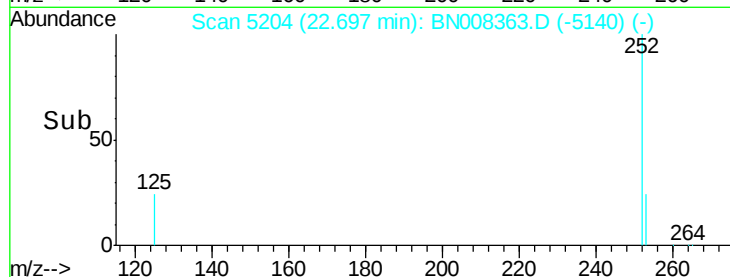
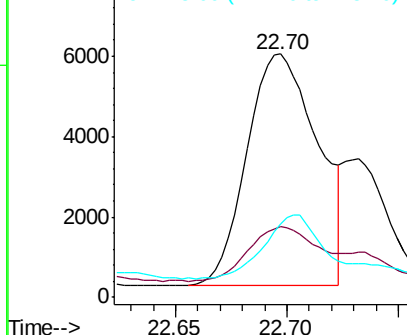
Tgt Ion:	252	Resp:	12797
Ion Ratio	Lower	Upper	
252	100		
253	28.9	0.0	53.4
125	30.3	0.0	32.4

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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: 0.113 ng/ul m

RT: 22.73 min Scan# 5216

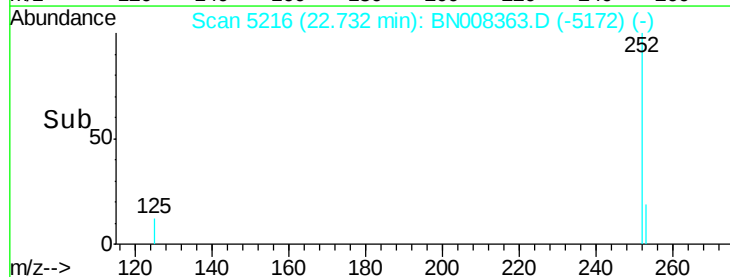
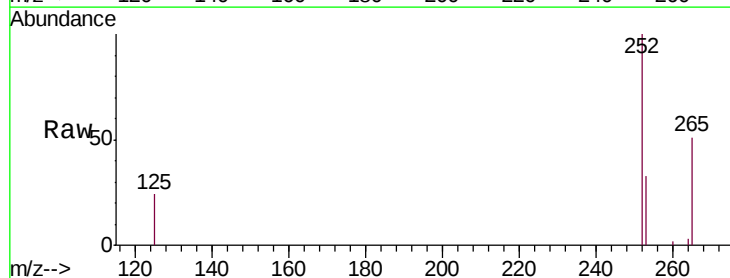
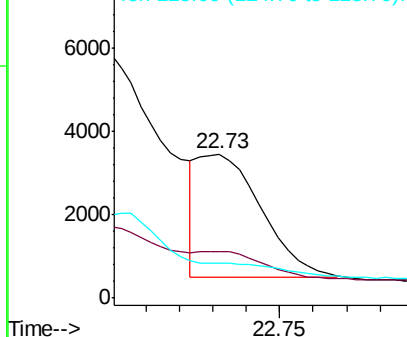
Delta R.T. -0.02 min

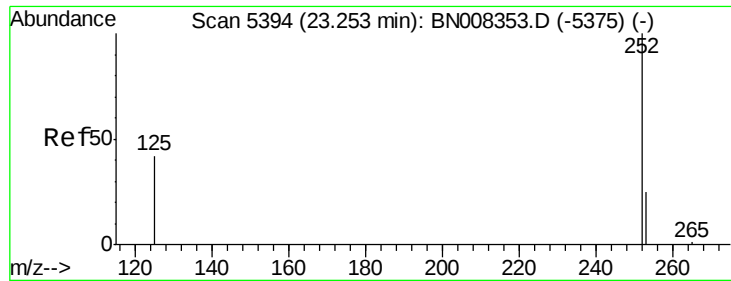
Lab File: BN008363.D

Acq: 23 Oct 2019 23:19

Tgt Ion:	252	Resp:	3883
Ion Ratio	Lower	Upper	
252	100		
253	32.6	21.3	31.9#
125	24.2	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: 0.284 ng/u1

RT: 23.24 min Scan# 5390

Delta R.T. -0.02 min

Lab File: BN008363.D

Acq: 23 Oct 2019 23:19

Instrument :

BNA_N

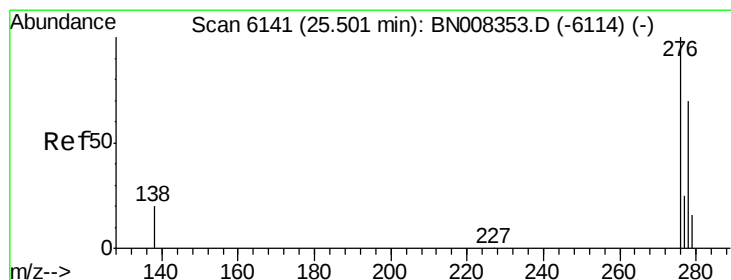
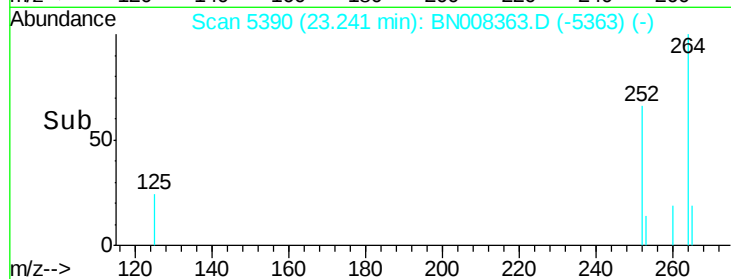
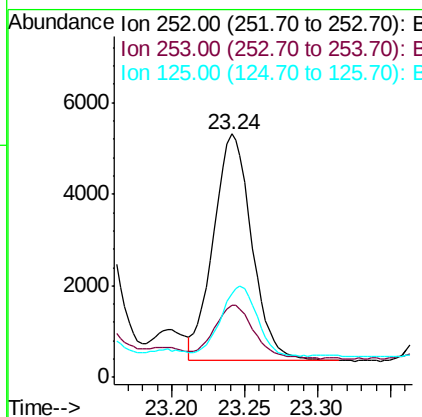
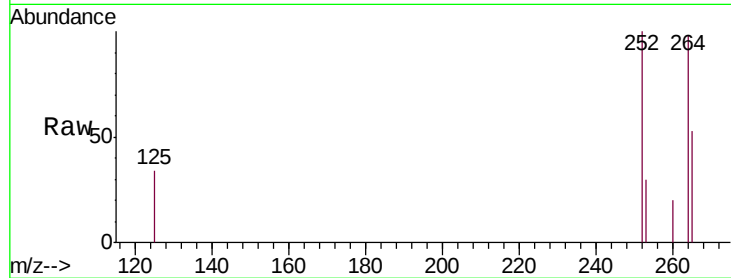
ClientSampleId :

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Tgt Ion:	252	Resp:	9068
Ion Ratio	Lower	Upper	
252	100		
253	29.7	22.8	34.2
125	34.5	18.4	27.6#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.132 ng/u1

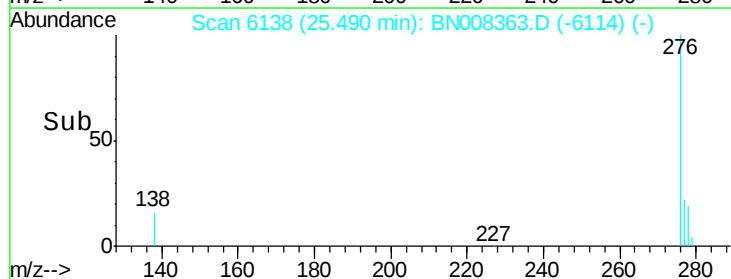
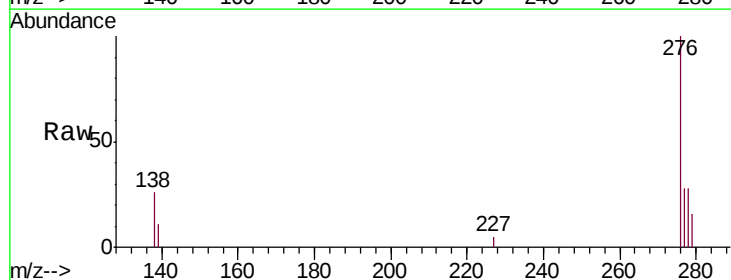
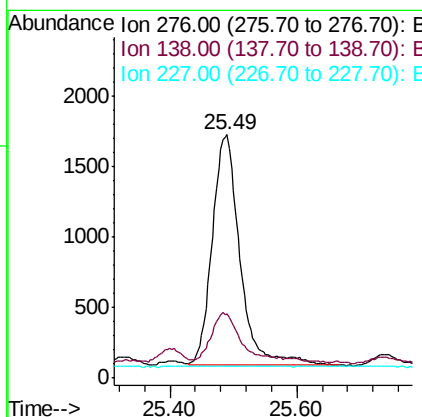
RT: 25.49 min Scan# 6138

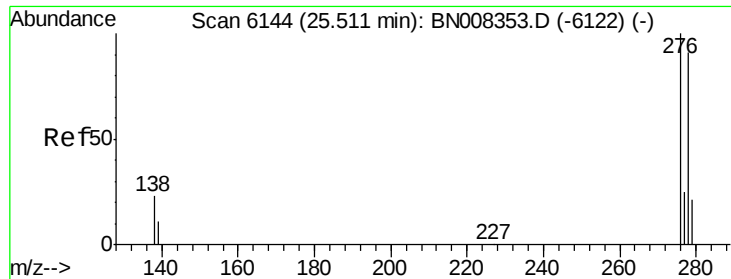
Delta R.T. -0.02 min

Lab File: BN008363.D

Acq: 23 Oct 2019 23:19

Tgt Ion:	276	Resp:	4977
Ion Ratio	Lower	Upper	
276	100		
138	24.5	16.1	24.1#
227	0.0	0.2	0.2#





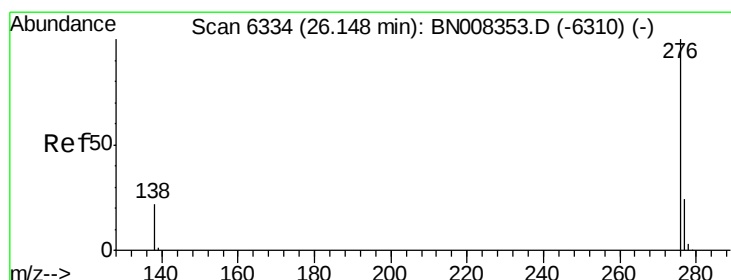
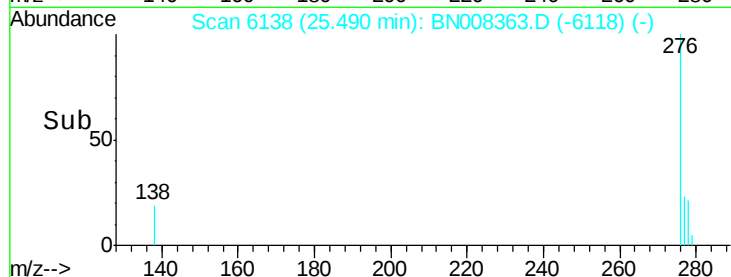
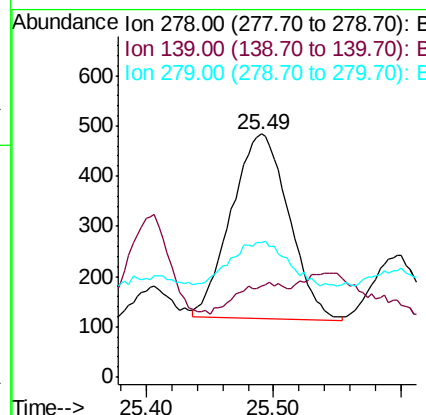
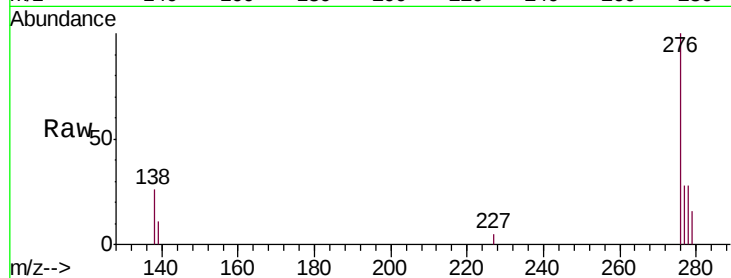
#25
Dibenzo(a,h)anthracene
Concen: 0.039 ng/u1
RT: 25.49 min Scan# 6138
Delta R.T. -0.03 min
Lab File: BN008363.D
Acq: 23 Oct 2019 23:19

Instrument :
BNA_N
ClientSampleId :
BEP A9

Tgt Ion	Ratio	Lower	Upper
278	100		
139	37.6	15.0	22.6#
279	55.6	22.4	33.6#

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#26
Benzo(g,h,i)perylene
Concen: 0.143 ng/u1
RT: 26.14 min Scan# 6332
Delta R.T. -0.03 min
Lab File: BN008363.D
Acq: 23 Oct 2019 23:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.7	17.0	25.4#
277	28.1	20.4	30.6

