

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101919\
 Data File : BN008266.D
 Acq On : 19 Oct 2019 12:52
 Operator : JU
 Sample : K5177-08DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP97DL

Manual Integrations
 APPROVED

mohammad
 10/22/2019 1:44:44 AM

Quant Time: Oct 21 15:15:01 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 : Sat Oct 19 22:25:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2195	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	10559	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	6855	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	14711	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	13685	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	13357	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	644	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	2028	0.04	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.41	128	698	0.023	ng/ul#	71
7) Acenaphthylene	13.94	152	1618	0.050	ng/ul#	89
12) Phenanthrene	17.02	178	12224	0.284	ng/ul	100
13) Anthracene	17.11	178	2260	0.060	ng/ul#	91
15) Fluoranthene	19.04	202	29844	0.525	ng/ul	98
17) Pyrene	19.40	202	30577	0.561	ng/ul	98
18) Benzo(a)anthracene	21.16	228	16089	0.323	ng/ul	94
19) Chrysene	21.22	228	16849	0.276	ng/ul	97
21) Benzo(b)fluoranthene	22.71	252	20186m	0.464	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	7510m	0.152	ng/ul	
23) Benzo(a)pyrene	23.26	252	13695	0.299	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.51	276	8106	0.150	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.51	278	1822	0.043	ng/ul#	48
26) Benzo(g,h,i)perylene	26.16	276	7736	0.157	ng/ul#	93

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

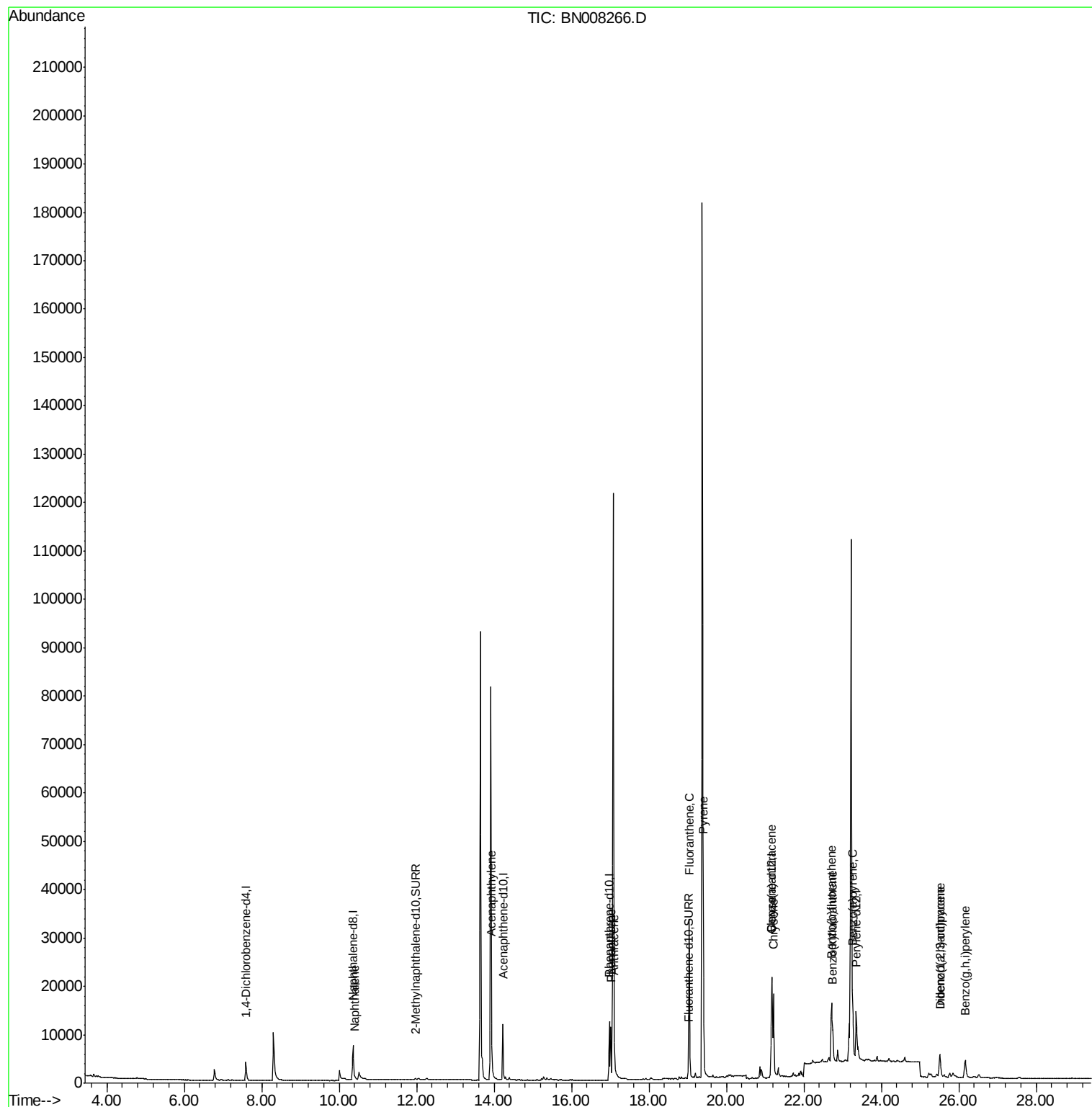
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101919\
Data File : BN008266.D
Acq On : 19 Oct 2019 12:52
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ALS Vial : 7 Sample Multiplier: 1

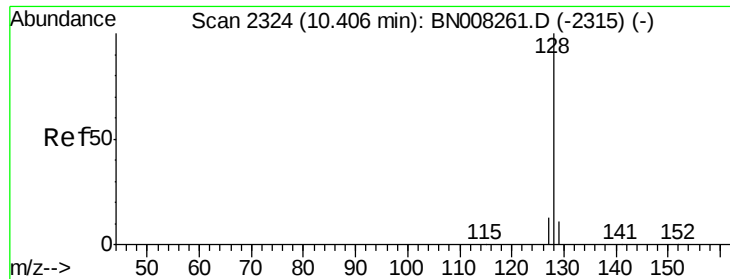
Instrument :
BNA_N
ClientSampleId :
BEP97DL

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Quant Time: Oct 21 15:15:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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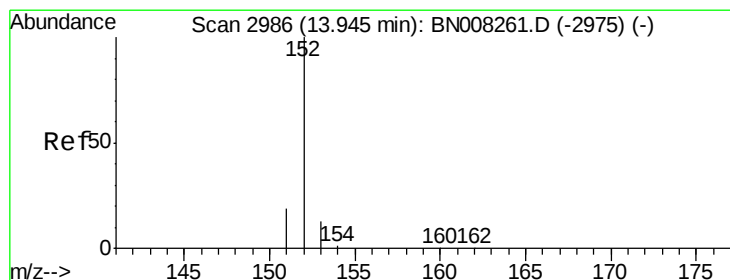
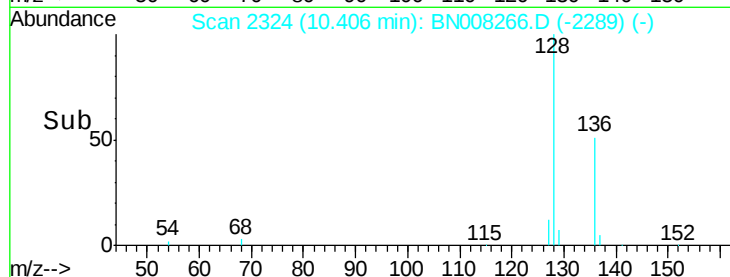
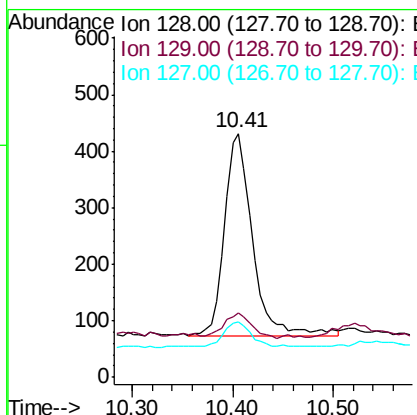
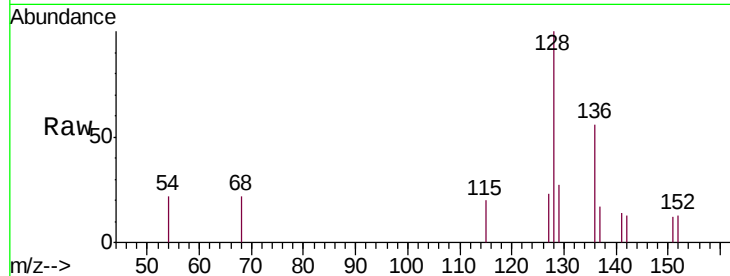
#3
Naphthalene
Concen: 0.023 ng/ul
RT: 10.41 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BN008266.D
Acq: 19 Oct 2019 12:52

Instrument :
BNA_N
ClientSampleId :
BEP97DL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	26.7	9.8	14.8#
127	22.5	11.1	16.7#

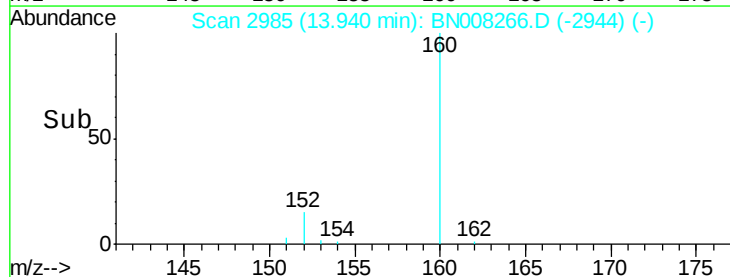
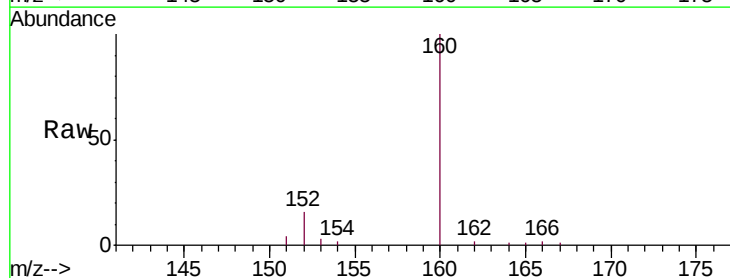
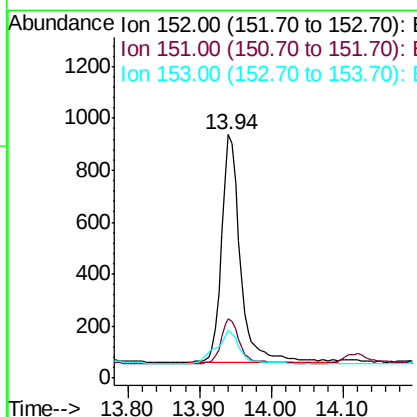
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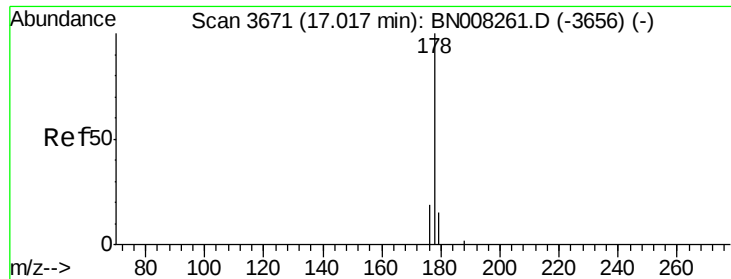
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#7
Acenaphthylene
Concen: 0.050 ng/ul
RT: 13.94 min Scan# 2985
Delta R.T. -0.01 min
Lab File: BN008266.D
Acq: 19 Oct 2019 12:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	24.1	16.2	24.4
153	19.4	11.0	16.4#





#12

Phenanthrene

Concen: 0.284 ng/ul

RT: 17.02 min Scan# 3671

Delta R.T. -0.00 min

Lab File: BN008266.D

Acq: 19 Oct 2019 12:52

Instrument :

BNA_N

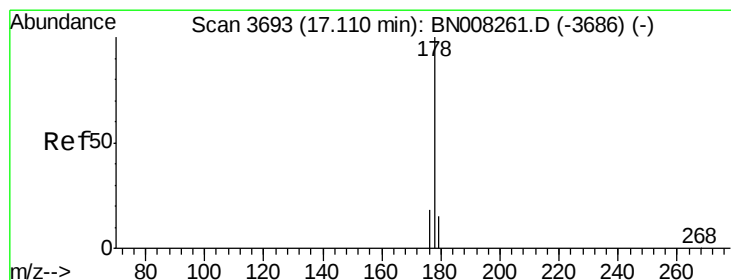
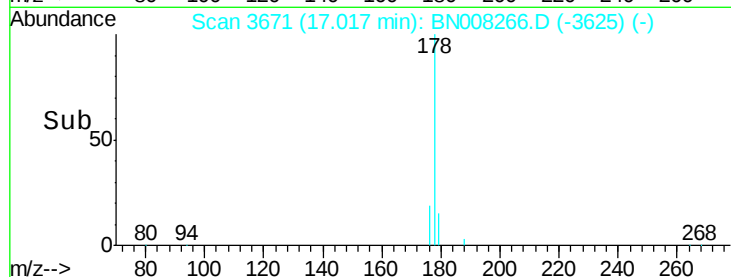
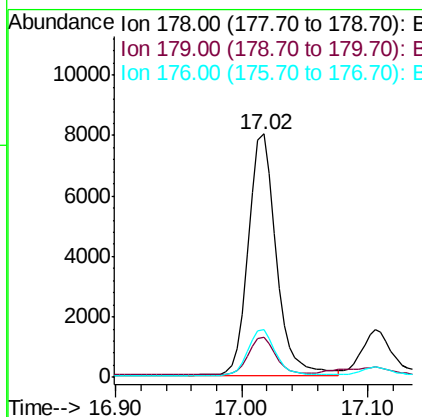
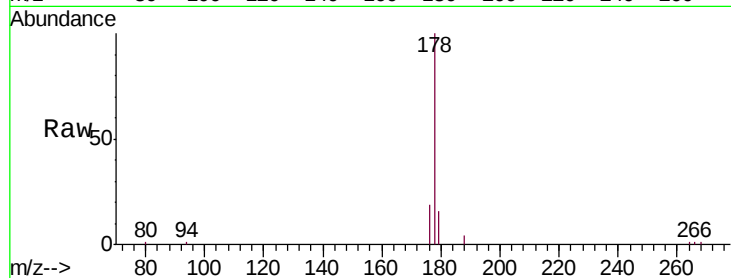
ClientSampleId :

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Tgt Ion:	178	Resp:	12224
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.8	19.2
176	19.4	15.4	23.2

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#13

Anthracene

Concen: 0.060 ng/ul

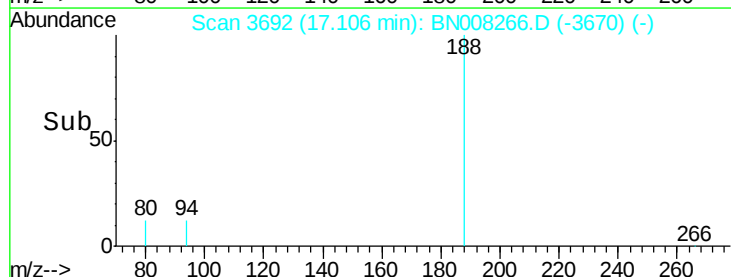
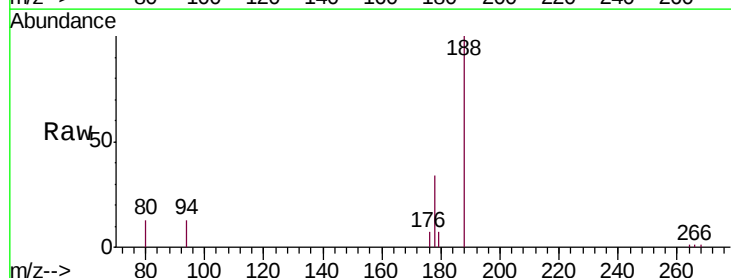
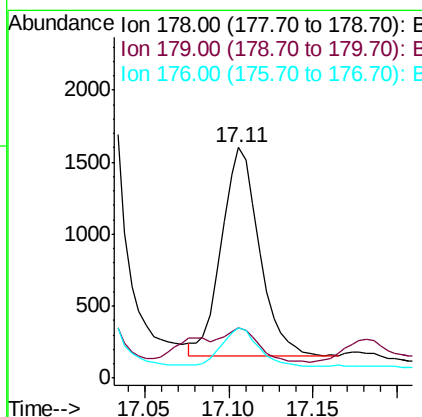
RT: 17.11 min Scan# 3692

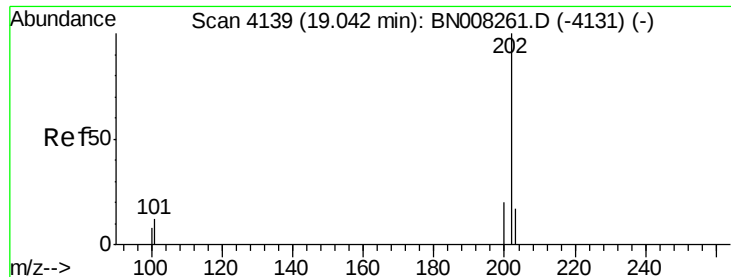
Delta R.T. -0.01 min

Lab File: BN008266.D

Acq: 19 Oct 2019 12:52

Tgt Ion:	178	Resp:	2260
Ion Ratio	Lower	Upper	
178	100		
179	21.9	13.0	19.6#
176	21.6	15.0	22.6





#15

Fluoranthene

Concen: 0.525 ng/ul

RT: 19.04 min Scan# 4139

Delta R.T. -0.00 min

Lab File: BN008266.D

Acq: 19 Oct 2019 12:52

Instrument :

BNA_N

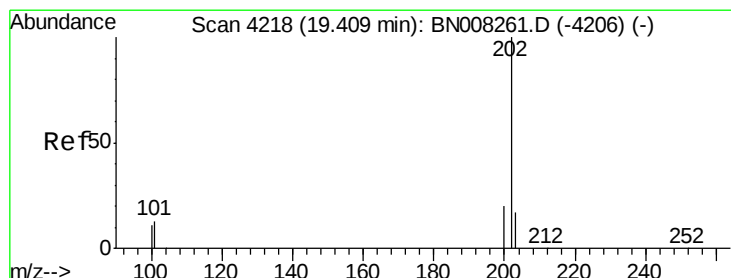
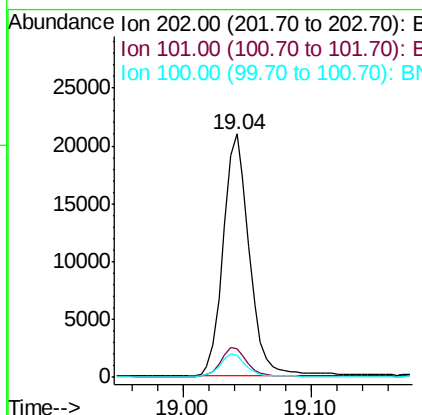
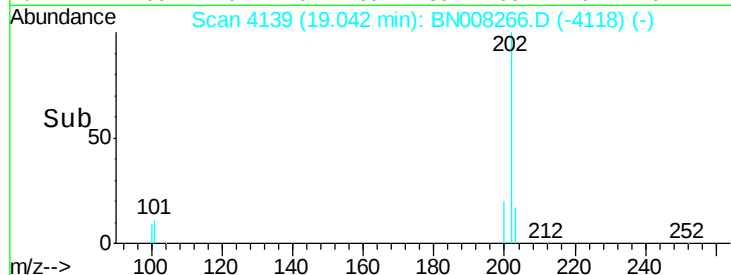
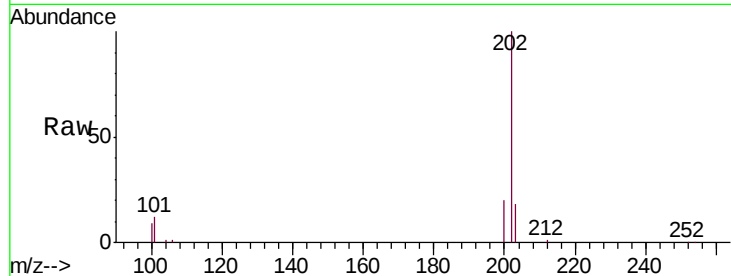
ClientSampleId :

BEP97DL

Tgt Ion:	202	Resp:	29844
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	31.2
100	8.9	0.0	28.5

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#17

Pyrene

Concen: 0.561 ng/ul

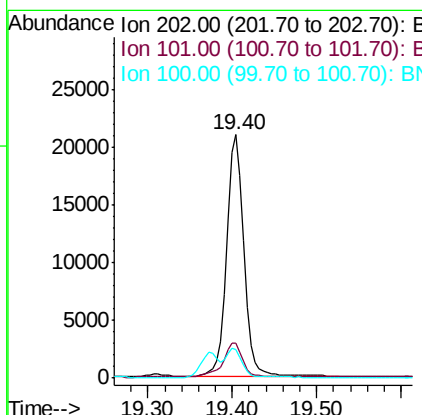
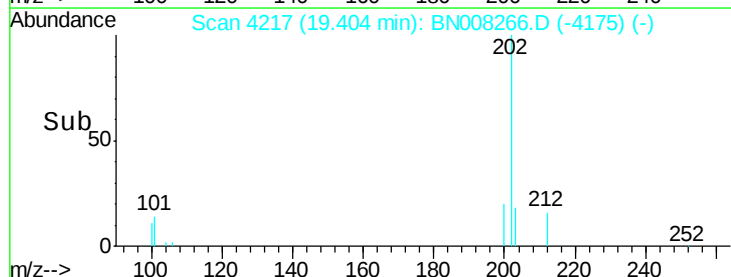
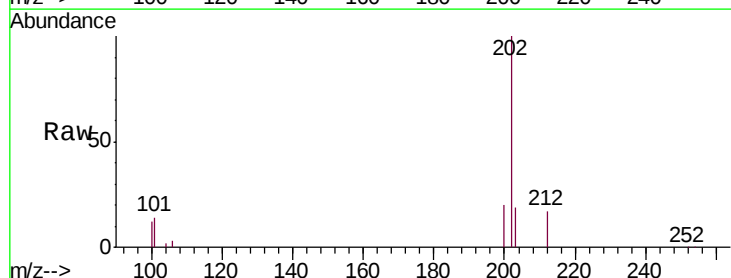
RT: 19.40 min Scan# 4217

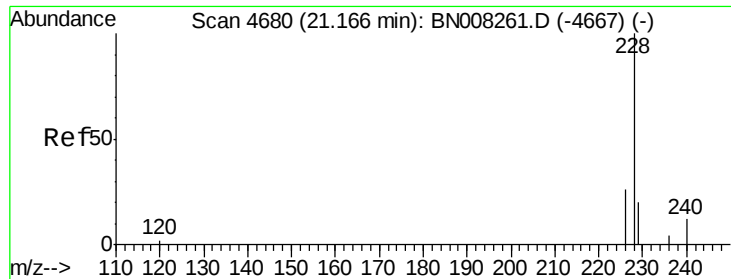
Delta R.T. -0.00 min

Lab File: BN008266.D

Acq: 19 Oct 2019 12:52

Tgt Ion:	202	Resp:	30577
Ion Ratio	Lower	Upper	
202	100		
101	14.2	10.9	16.3
100	11.6	8.7	13.1





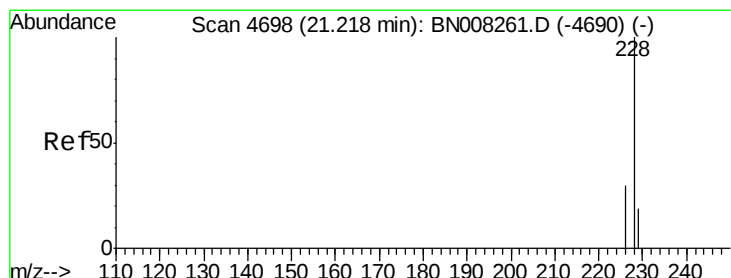
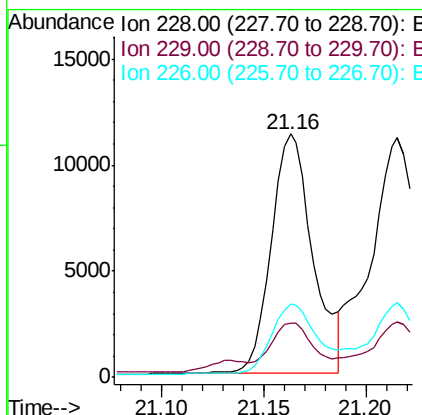
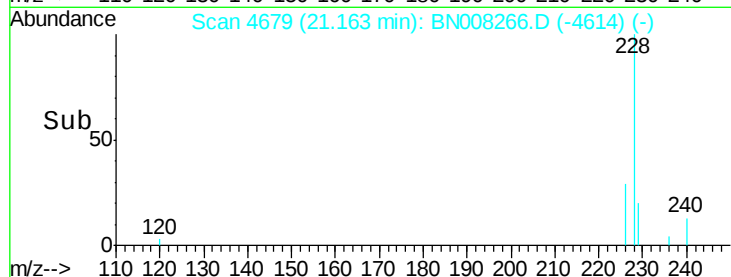
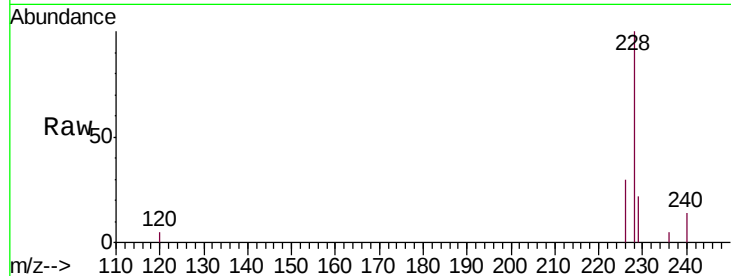
#18
Benzo(a)anthracene
Concen: 0.323 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.01 min
Lab File: BN008266.D
Acq: 19 Oct 2019 12:52

Instrument :
BNA_N
ClientSampleId :
BEP97DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.5	16.2	24.2
226	30.2	21.4	32.0

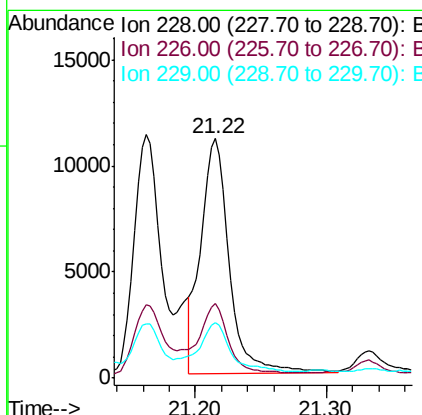
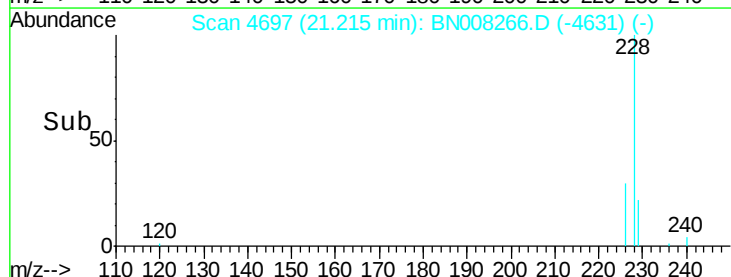
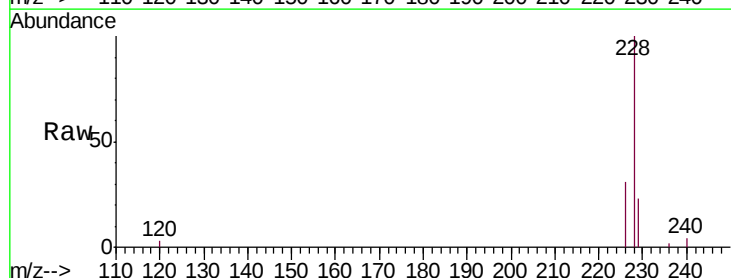
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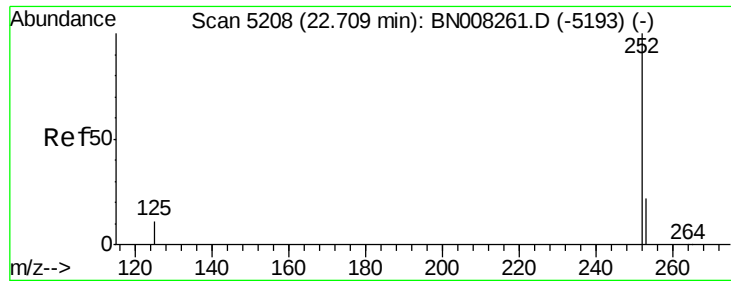
mohammad
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#19
Chrysene
Concen: 0.276 ng/ul
RT: 21.22 min Scan# 4697
Delta R.T. -0.01 min
Lab File: BN008266.D
Acq: 19 Oct 2019 12:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.1	36.1
229	23.2	16.2	24.2





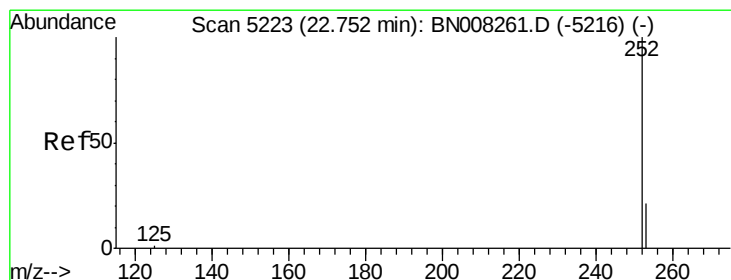
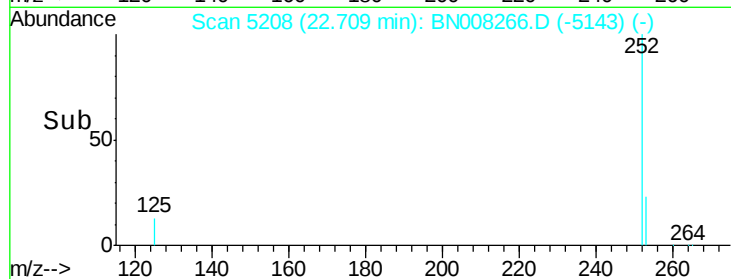
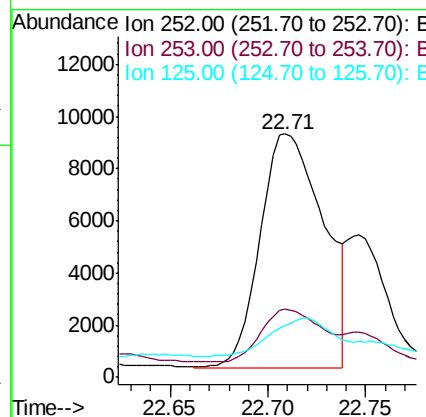
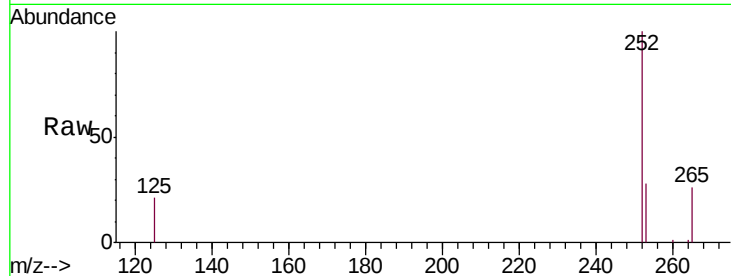
#21
Benzo(b)fluoranthene
Concen: 0.464 ng/ul m
RT: 22.71 min Scan# 5208
Delta R.T. -0.01 min
Lab File: BN008266.D
Acq: 19 Oct 2019 12:52

Instrument :
BNA_N
ClientSampleId :
BEP97DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.8	0.0	53.4
125	21.1	0.0	32.4

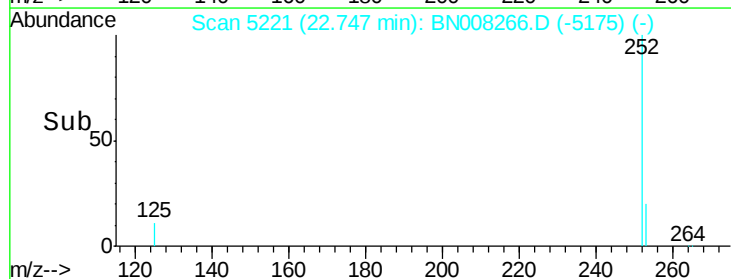
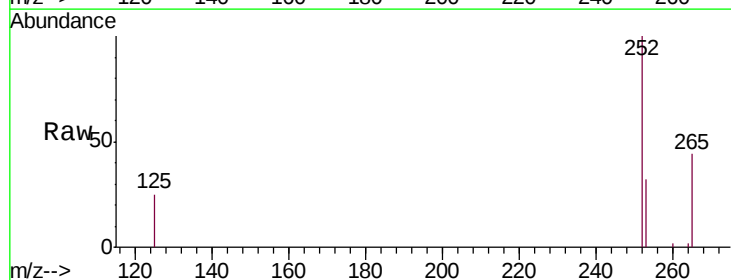
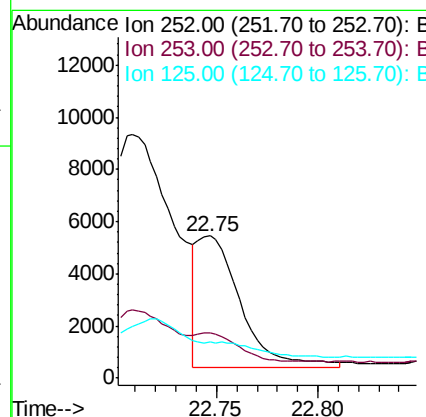
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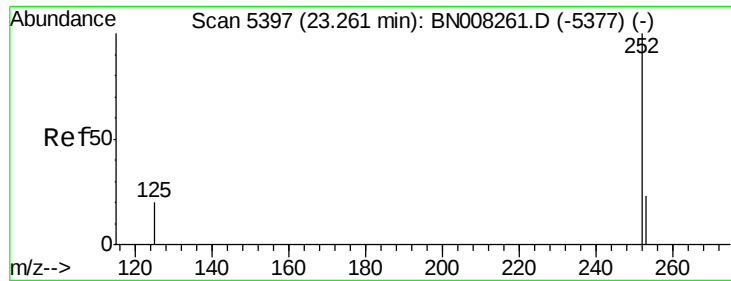
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#22
Benzo(k)fluoranthene
Concen: 0.152 ng/ul m
RT: 22.75 min Scan# 5221
Delta R.T. -0.01 min
Lab File: BN008266.D
Acq: 19 Oct 2019 12:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.8	21.3	31.9
125	25.4	12.3	18.5#





#23

Benzo(a)pyrene

Concen: 0.299 ng/u1

RT: 23.26 min Scan# 5396

Delta R.T. -0.01 min

Lab File: BN008266.D

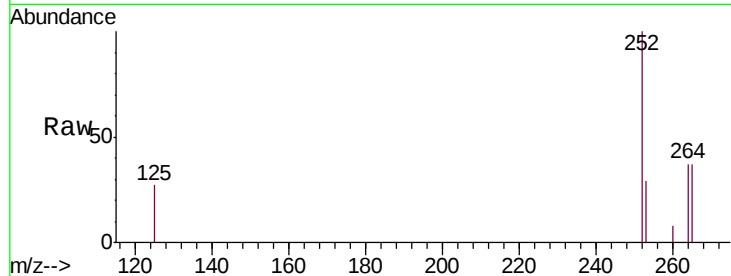
Acq: 19 Oct 2019 12:52

Instrument :

BNA_N

ClientSampleId :

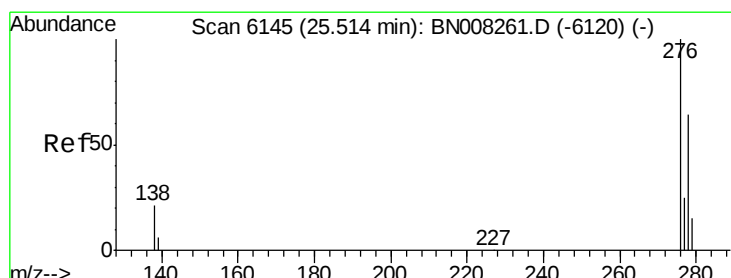
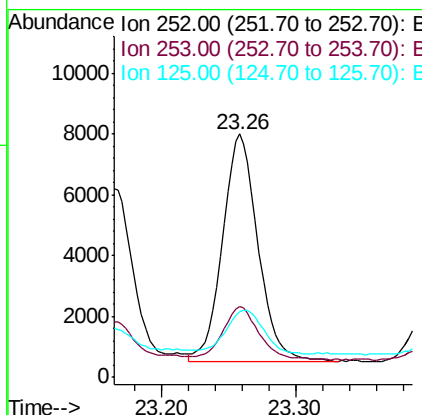
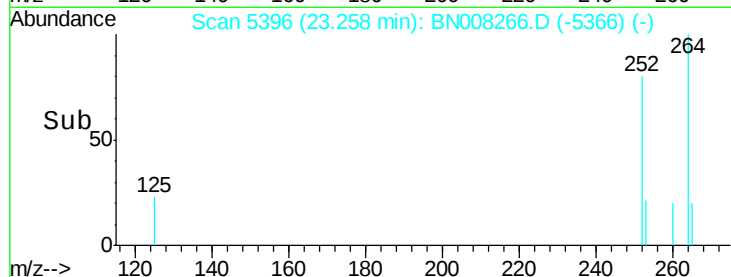
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Tgt Ion:	252	Resp:	13695
Ion Ratio	Lower	Upper	
252	100		
253	29.3	22.8	34.2
125	27.1	18.4	27.6

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.150 ng/u1

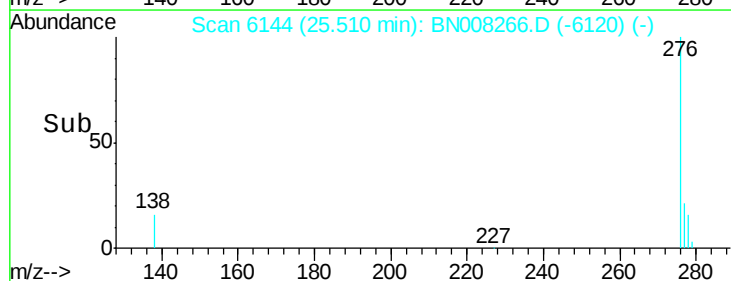
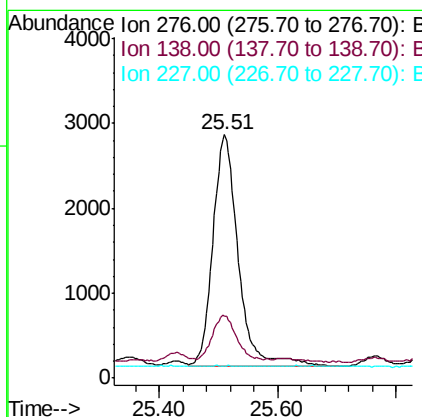
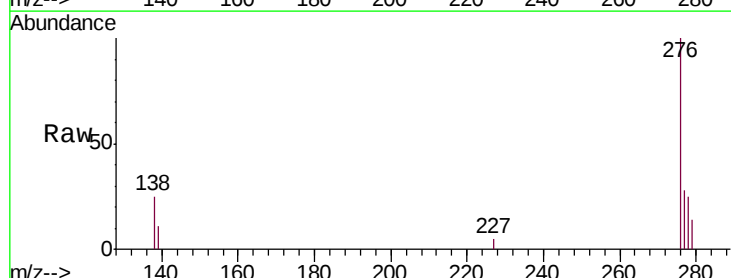
RT: 25.51 min Scan# 6144

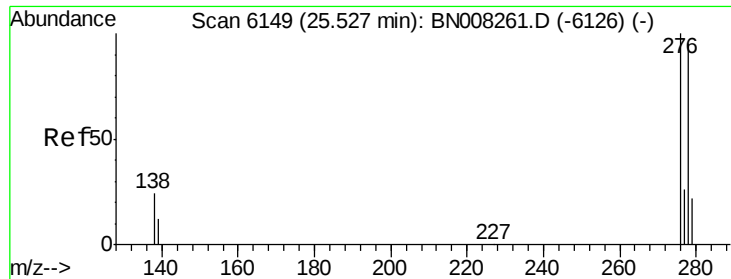
Delta R.T. -0.02 min

Lab File: BN008266.D

Acq: 19 Oct 2019 12:52

Tgt Ion:	276	Resp:	8106
Ion Ratio	Lower	Upper	
276	100		
138	17.4	16.1	24.1
227	0.1	0.2	0.2#





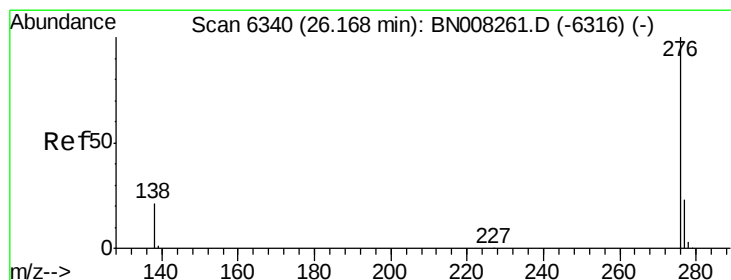
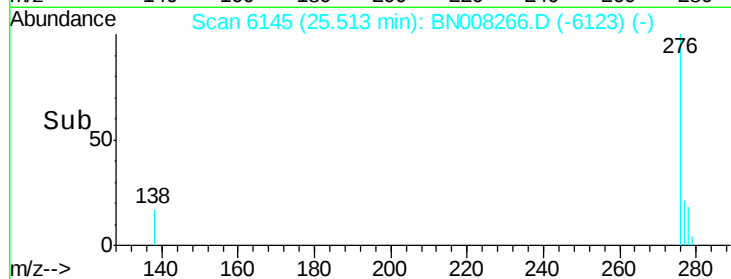
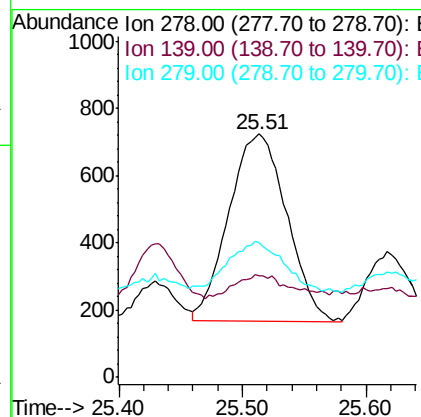
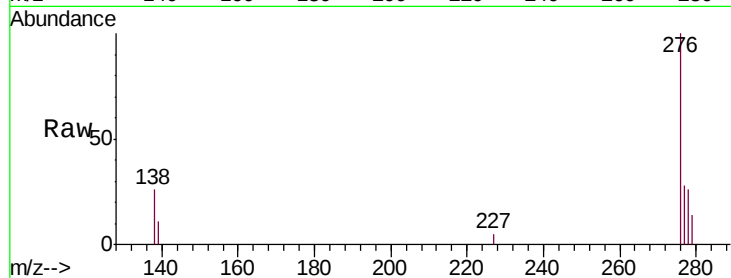
#25
Dibenzo(a,h)anthracene
Concen: 0.043 ng/u1
RT: 25.51 min Scan# 6145
Delta R.T. -0.03 min
Lab File: BN008266.D
Acq: 19 Oct 2019 12:52

Instrument :
BNA_N
ClientSampleId :
BEP97DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	41.9	15.0	22.6#
279	55.2	22.4	33.6#

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#26
Benzo(g,h,i)perylene
Concen: 0.157 ng/u1
RT: 26.16 min Scan# 6339
Delta R.T. -0.02 min
Lab File: BN008266.D
Acq: 19 Oct 2019 12:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.4	17.0	25.4#
277	27.5	20.4	30.6

