

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
 Data File : BN008219.D
 Acq On : 17 Oct 2019 13:11
 Operator : JU
 Sample : K5175-09DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP89DL

Manual Integrations
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Quant Time: Oct 18 02:35:52 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 : Thu Oct 17 01:48:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	2859	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	13551	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8590	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	18367m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	15114	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	11048	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	941	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	2750	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	1575	0.041	ng/ul#	88
5) 2-Methylnaphthalene	12.05	142	765	0.029	ng/ul	96
7) Acenaphthylene	13.95	152	3554	0.087	ng/ul#	95
8) Acenaphthene	14.30	153	2073	0.065	ng/ul	98
9) Fluorene	15.30	166	2763	0.076	ng/ul#	98
12) Phenanthrene	17.03	178	61969	1.152	ng/ul	99
13) Anthracene	17.12	178	11563	0.244	ng/ul	99
15) Fluoranthene	19.05	202	173578	2.444	ng/ul	98
17) Pyrene	19.42	202	166094	2.760	ng/ul	100
18) Benzo(a)anthracene	21.18	228	77545	1.411	ng/ul	98
19) Chrysene	21.23	228	91175	1.352	ng/ul	99
21) Benzo(b)fluoranthene	22.73	252	90691m	2.522	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	28250m	0.693	ng/ul	
23) Benzo(a)pyrene	23.28	252	58173	1.537	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.54	276	39066	0.876	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.54	278	8631	0.245	ng/ul	91
26) Benzo(a,h,i)perylene	26.20	276	32423	0.793	ng/ul	99

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

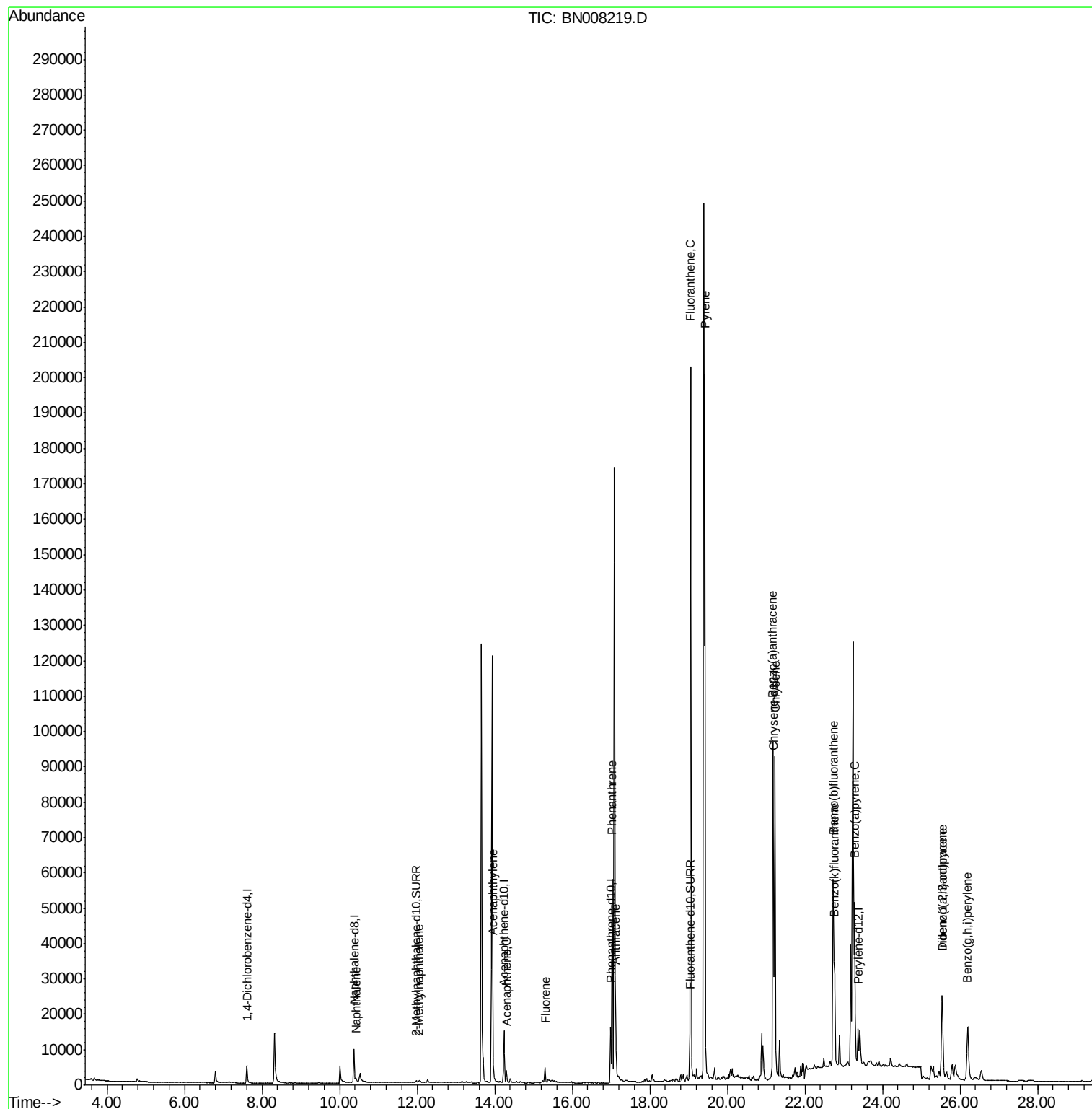
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
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ALS Vial : 7 Sample Multiplier: 1

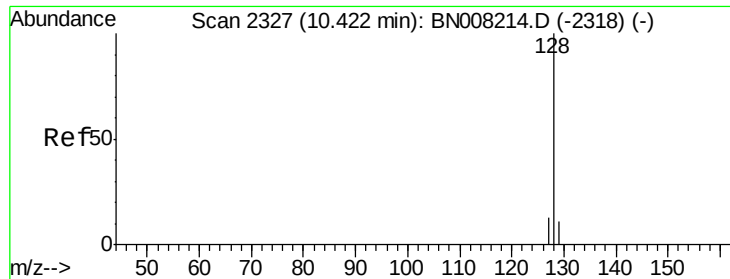
Instrument :
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Quant Time: Oct 18 02:35:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.041 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BN008219.D

Acq: 17 Oct 2019 13:11

Instrument :

BNA_N

ClientSampleId :

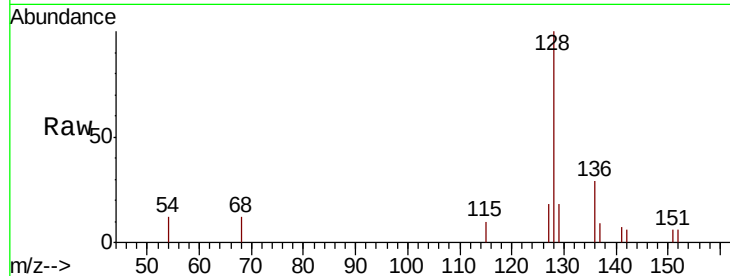
BEP89DL

Tot Ion:128 Resp: 1575

Ion	Ratio	Lower	Upper
128	100		
129	17.8	9.8	14.8#
127	18.1	11.1	16.7#

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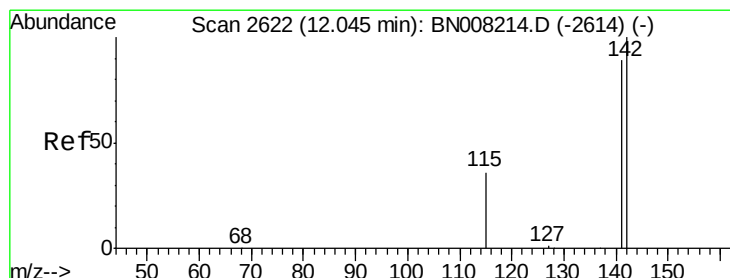
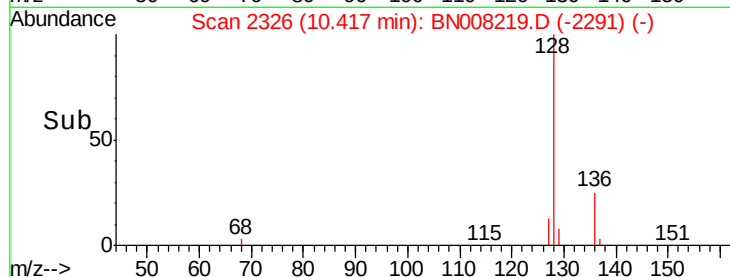
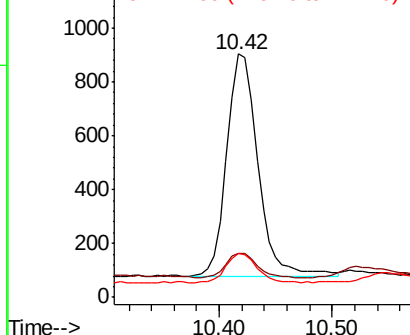
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.029 ng/ul

RT: 12.05 min Scan# 2623

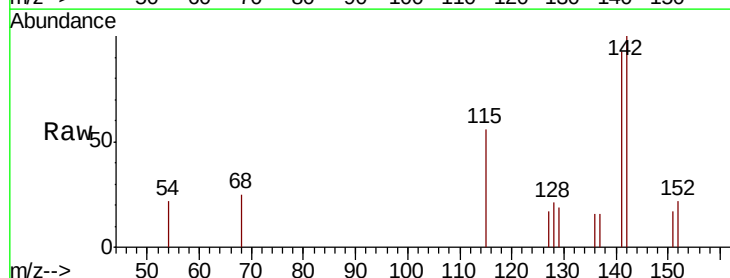
Delta R.T. 0.00 min

Lab File: BN008219.D

Acq: 17 Oct 2019 13:11

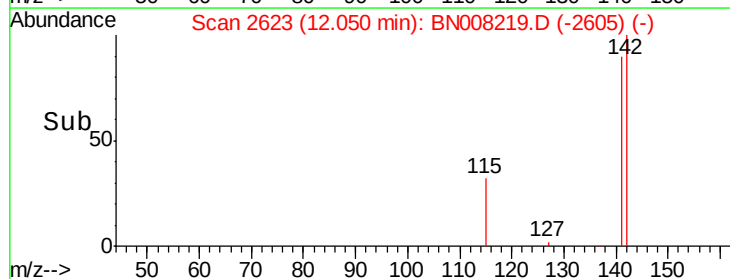
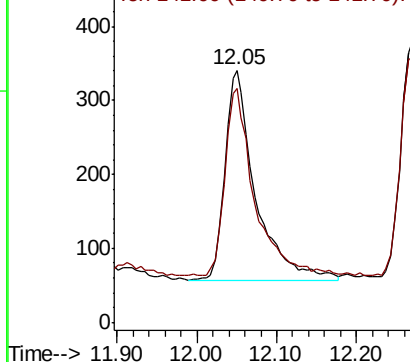
Tgt Ion:142 Resp: 765

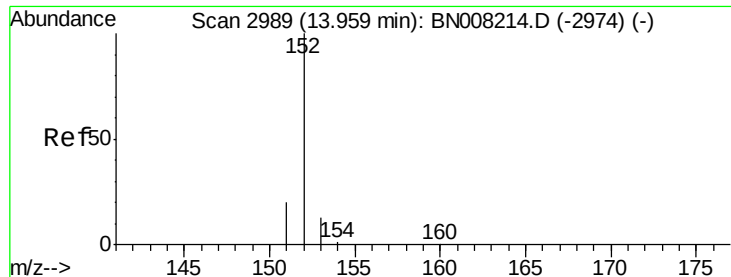
Ion	Ratio	Lower	Upper
142	100		
141	85.2	71.4	107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.087 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN008219.D

Acq: 17 Oct 2019 13:11

Instrument :

BNA_N

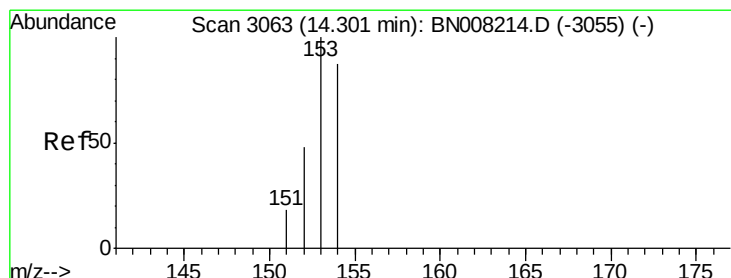
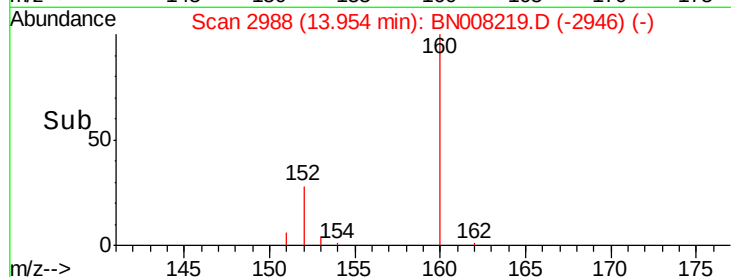
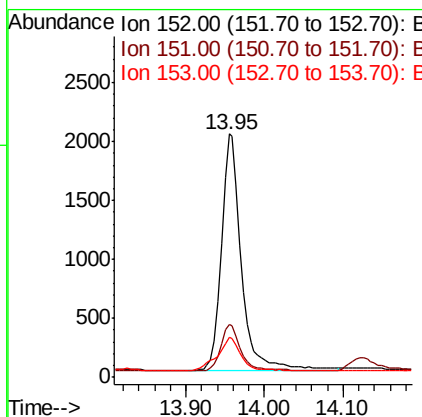
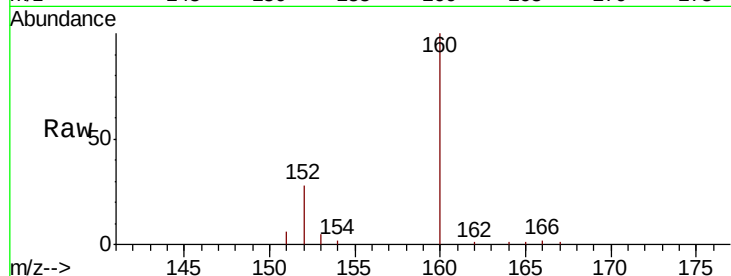
ClientSampled :

BEP89DL

Tot Ion:	152	Resp:	3554
Ion Ratio	Lower	Upper	
152	100		
151	22.0	16.2	24.4
153	16.5	11.0	16.4

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#8

Acenaphthene

Concen: 0.065 ng/ul

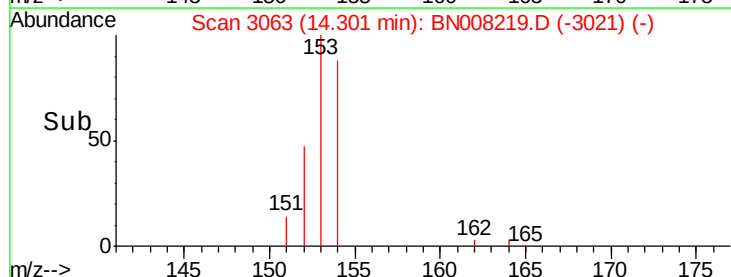
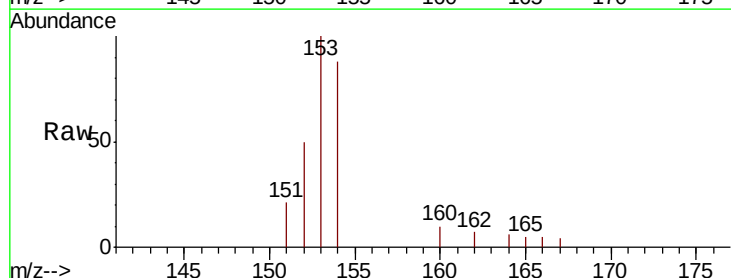
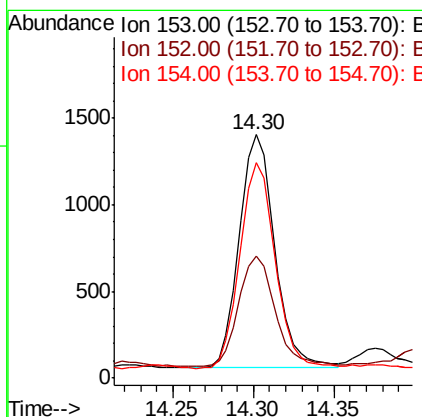
RT: 14.30 min Scan# 3063

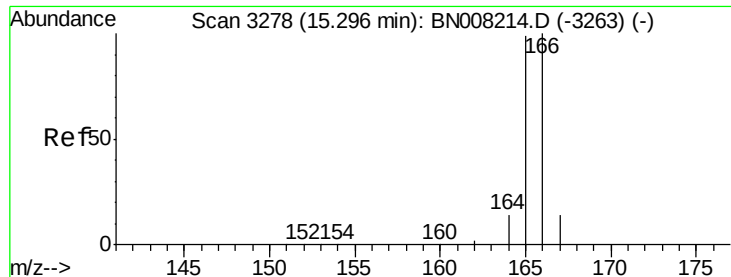
Delta R.T. -0.00 min

Lab File: BN008219.D

Acq: 17 Oct 2019 13:11

Tgt Ion:	153	Resp:	2073
Ion Ratio	Lower	Upper	
153	100		
152	50.3	38.2	57.2
154	88.3	71.8	107.8





#9

Fluorene

Concen: 0.076 ng/ul

RT: 15.30 min Scan# 3278

Delta R.T. -0.00 min

Lab File: BN008219.D

Acq: 17 Oct 2019 13:11

Instrument :

BNA_N

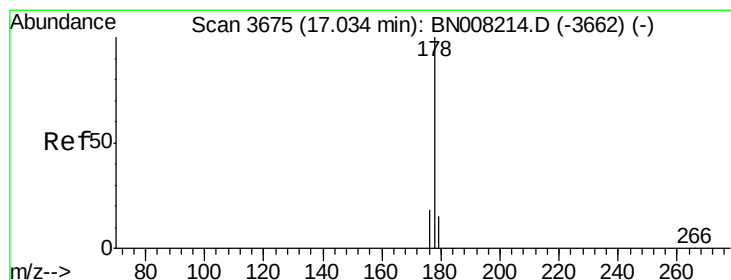
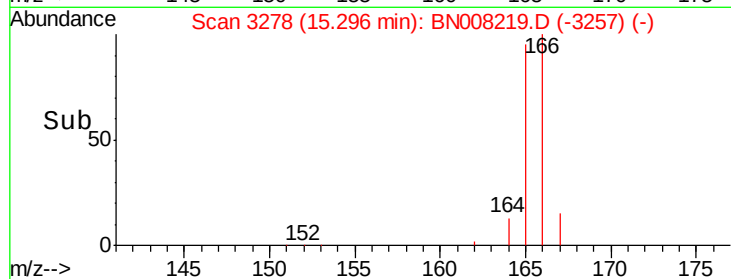
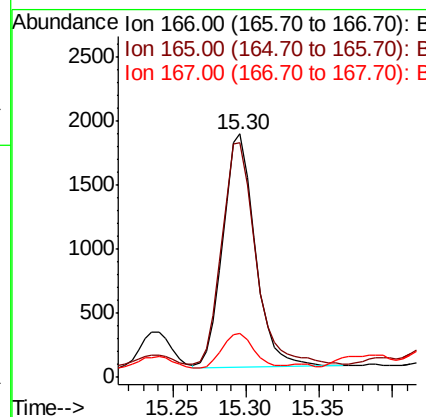
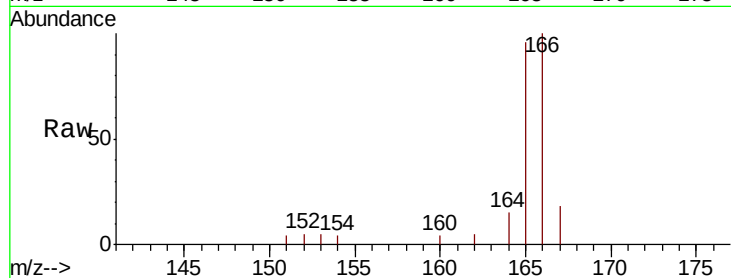
ClientSampleId :

BEP89DL

Tot Ion:	166	Resp:	2763
Ion Ratio	Lower	Upper	
166	100		
165	96.5	76.6	115.0
167	18.0	11.7	17.5#

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#12

Phenanthrene

Concen: 1.152 ng/ul

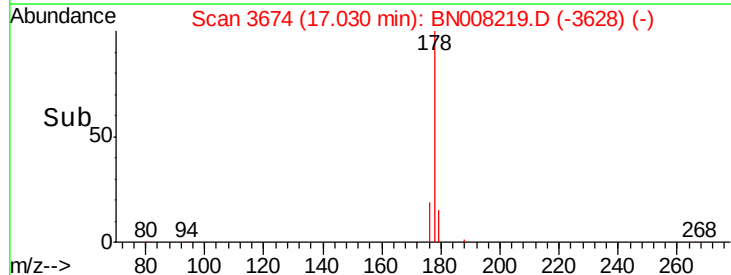
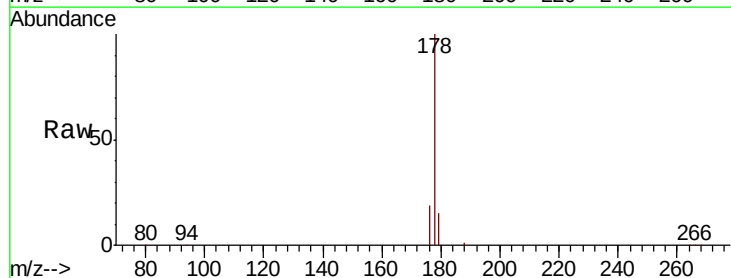
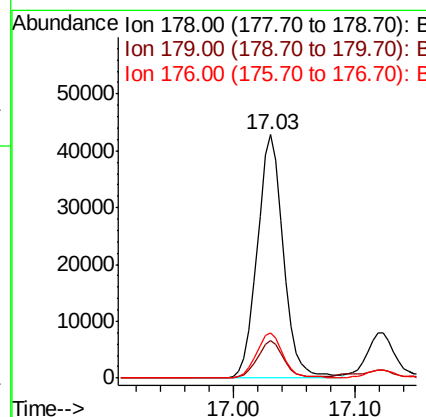
RT: 17.03 min Scan# 3674

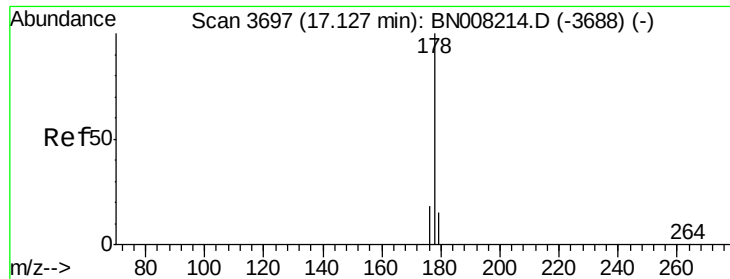
Delta R.T. -0.00 min

Lab File: BN008219.D

Acq: 17 Oct 2019 13:11

Tgt Ion:	178	Resp:	61969
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.8	19.2
176	18.7	15.4	23.2





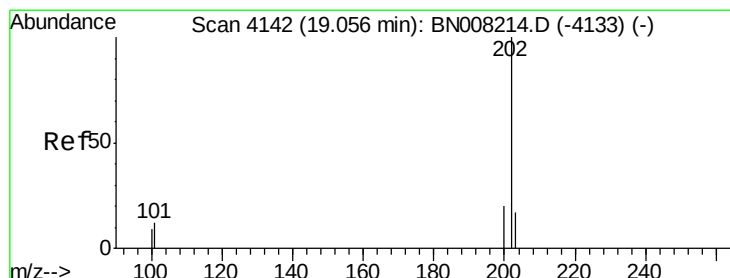
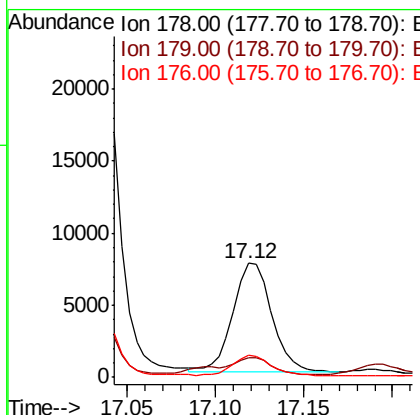
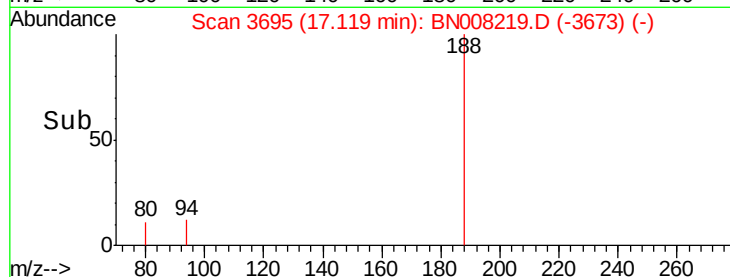
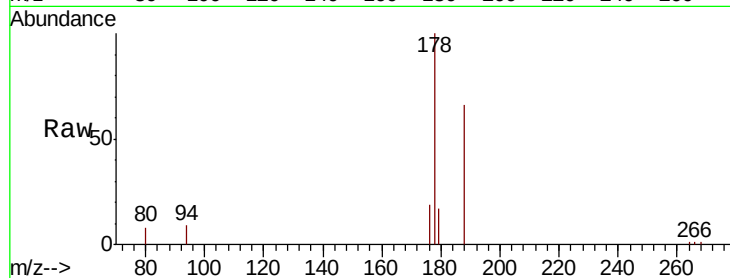
#13
 Anthracene
 Concen: 0.244 ng/ul
 RT: 17.12 min Scan# 3695
 Delta R.T. -0.01 min
 Lab File: BN008219.D
 Acq: 17 Oct 2019 13:11

Instrument :
 BNA_N
 ClientSampleID :
 BEP89DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.0	19.6
176	19.2	15.0	22.6

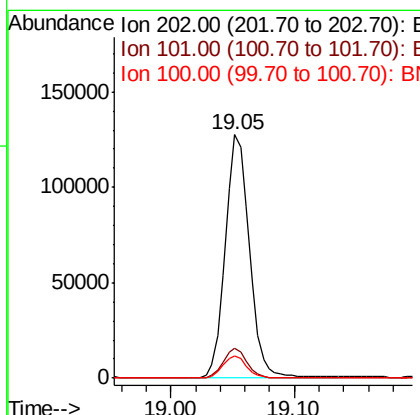
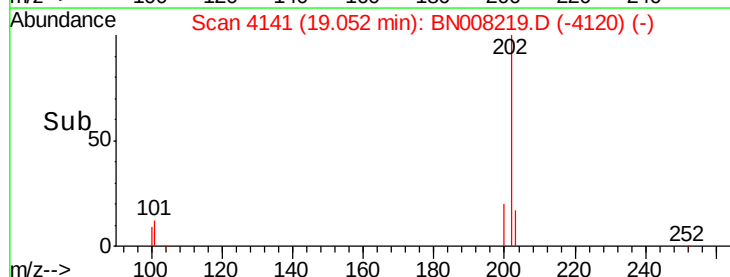
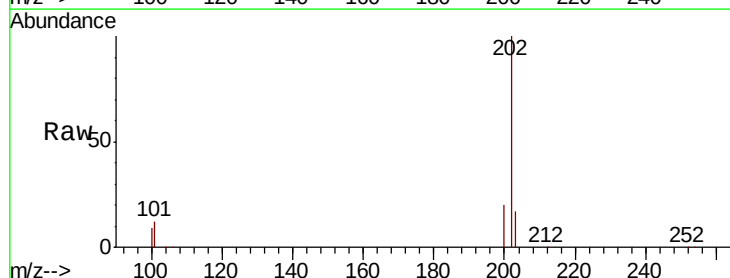
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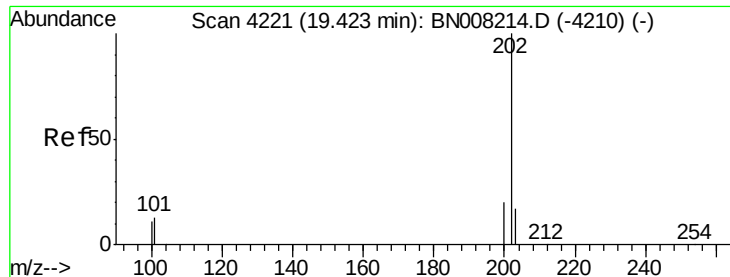
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#15
 Fluoranthene
 Concen: 2.444 ng/ul
 RT: 19.05 min Scan# 4141
 Delta R.T. -0.00 min
 Lab File: BN008219.D
 Acq: 17 Oct 2019 13:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.2
100	9.2	0.0	28.5





#17

Pvrene

Concen: 2.760 ng/ul

RT: 19.42 min Scan# 4220

Delta R.T. 0.00 min

Lab File: BN008219.D

Acq: 17 Oct 2019 13:11

Instrument :

BNA_N

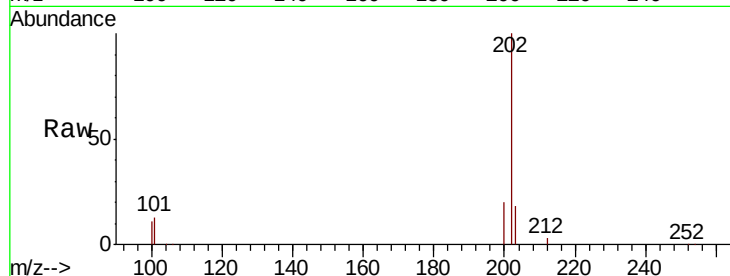
ClientSampleId :

BEP89DL

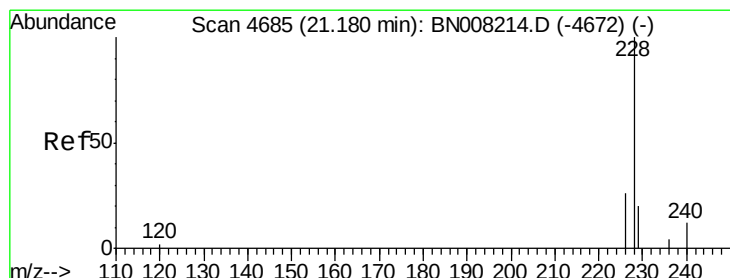
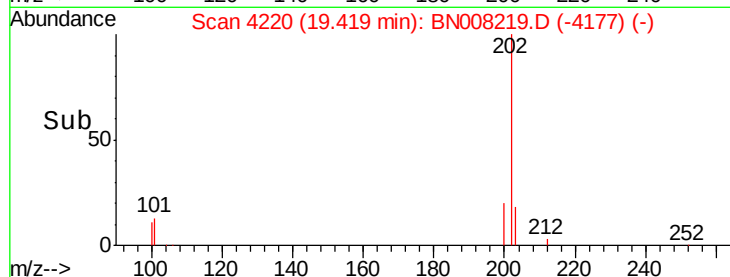
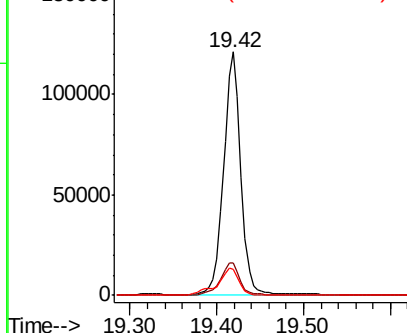
Tot Ion:	202	Resp:	166094
Ion Ratio	Lower	Upper	
202	100		
101	13.4	10.9	16.3
100	10.9	8.7	13.1

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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



#18

Benzo(a)anthracene

Concen: 1.411 ng/ul

RT: 21.18 min Scan# 4683

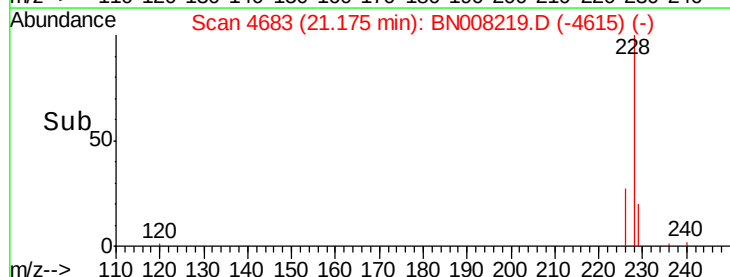
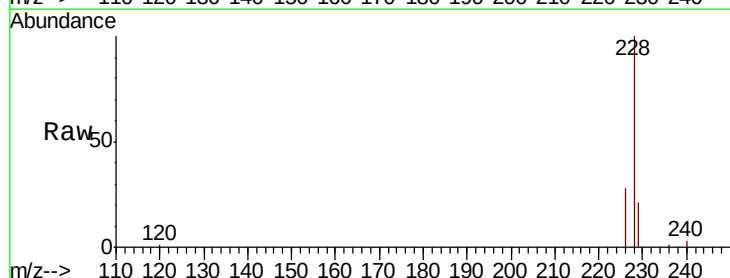
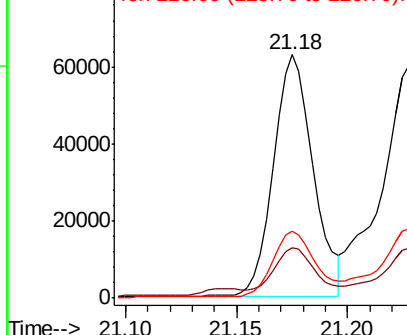
Delta R.T. -0.00 min

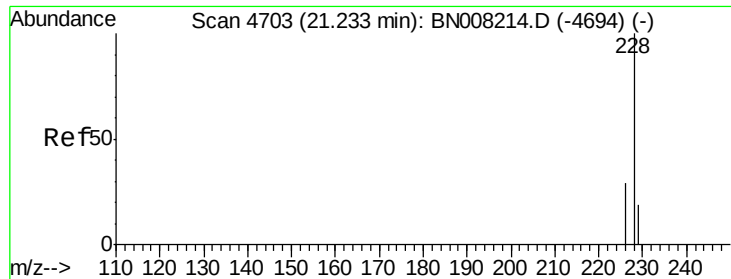
Lab File: BN008219.D

Acq: 17 Oct 2019 13:11

Tgt Ion:	228	Resp:	77545
Ion Ratio	Lower	Upper	
228	100		
229	20.9	16.2	24.2
226	27.8	21.4	32.0

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





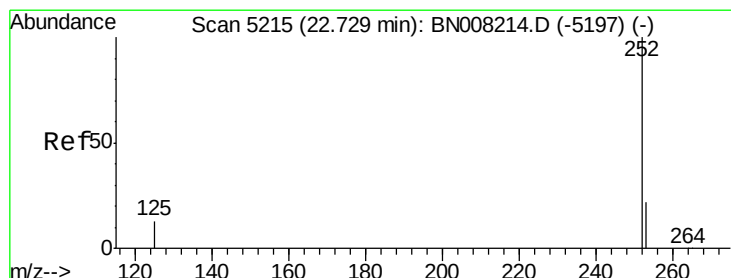
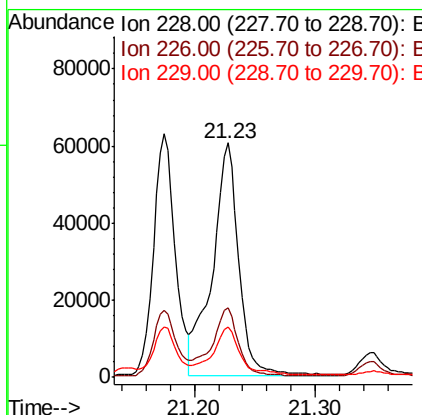
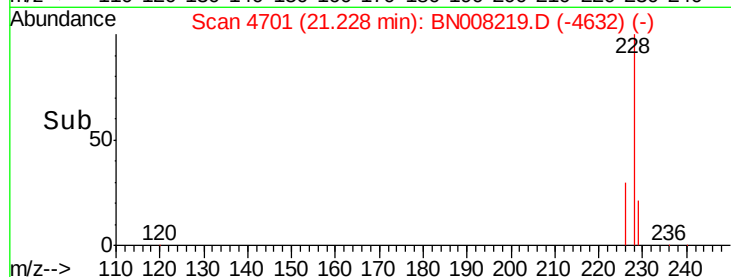
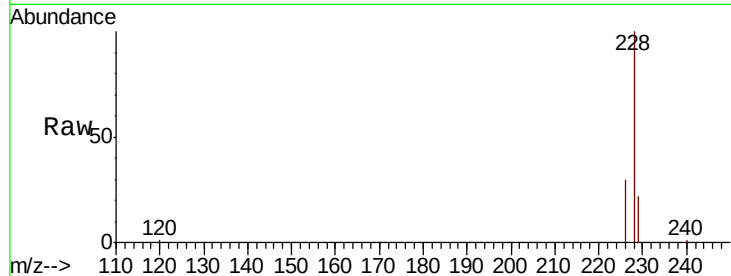
#19
Chrysene
Concen: 1.352 ng/ul
RT: 21.23 min Scan# 4701
Delta R.T. 0.00 min
Lab File: BN008219.D
Acq: 17 Oct 2019 13:11

Instrument :
BNA_N
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BEP89DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	21.6	16.2	24.2

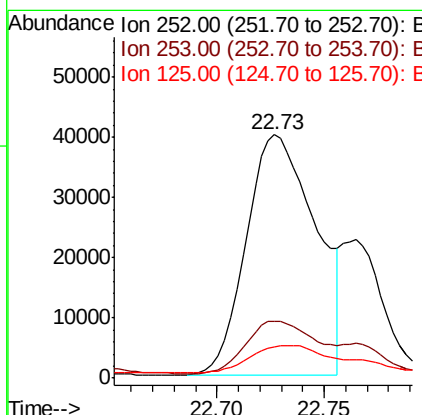
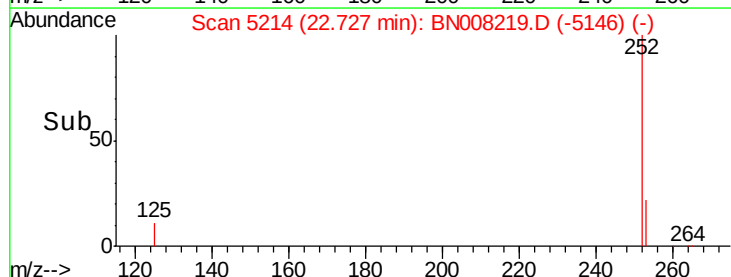
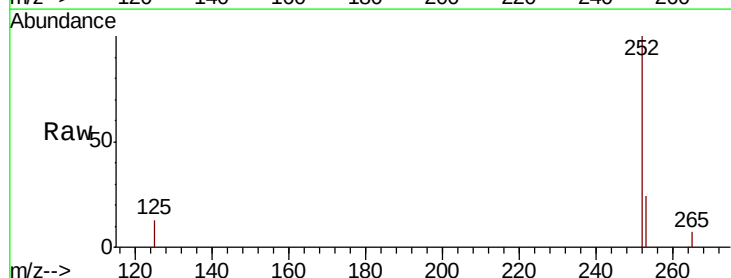
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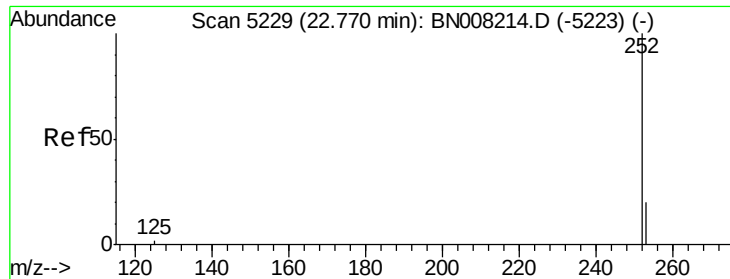
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#21
Benzo(b)fluoranthene
Concen: 2.522 ng/ul m
RT: 22.73 min Scan# 5214
Delta R.T. -0.00 min
Lab File: BN008219.D
Acq: 17 Oct 2019 13:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	53.4
125	12.9	0.0	32.4





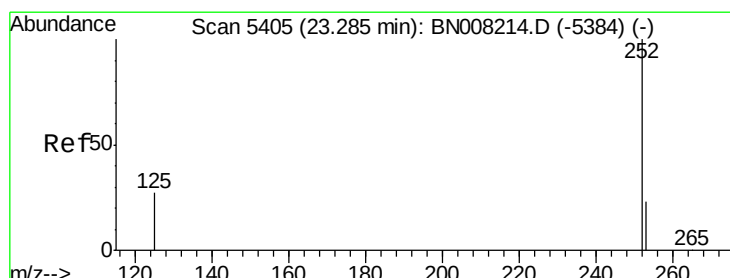
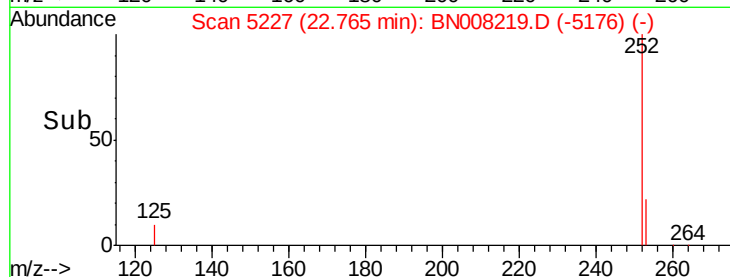
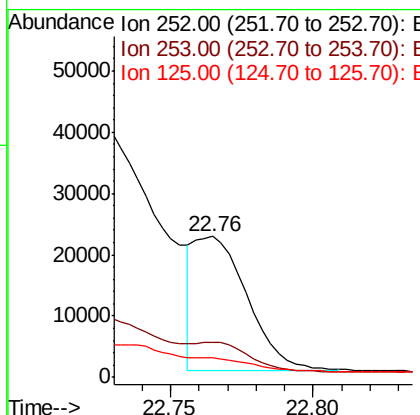
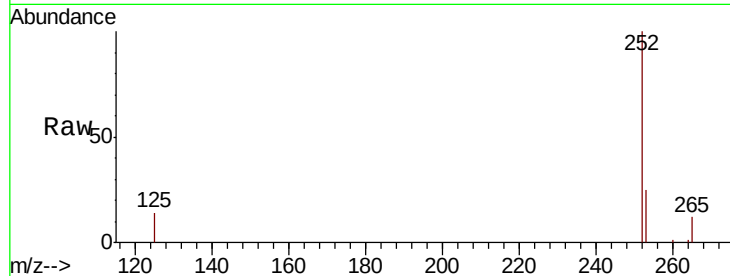
#22
Benzo(k)fluoranthene
Concen: 0.693 ng/ul m
RT: 22.76 min Scan# 5227
Delta R.T. -0.00 min
Lab File: BN008219.D
Acq: 17 Oct 2019 13:11

Instrument :
BNA_N
ClientSampleId :
BEP89DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	21.3	31.9
125	13.6	12.3	18.5

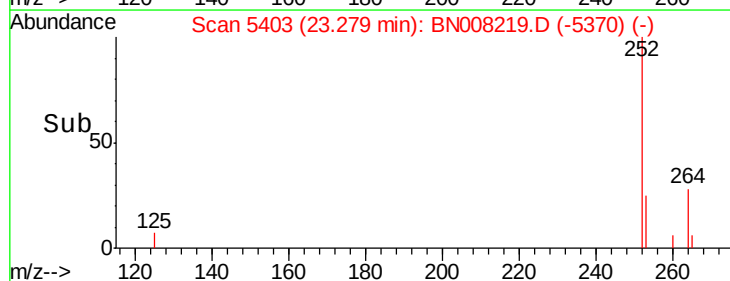
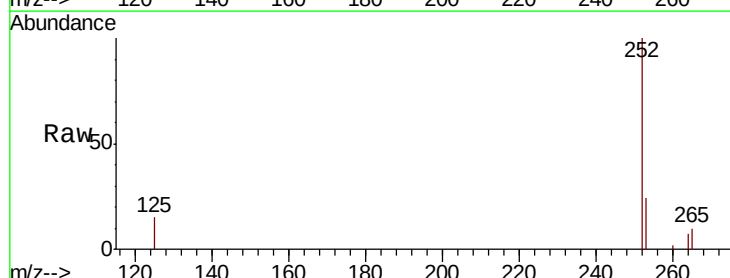
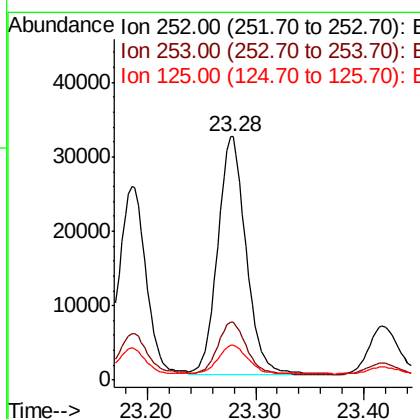
Manual Integrations
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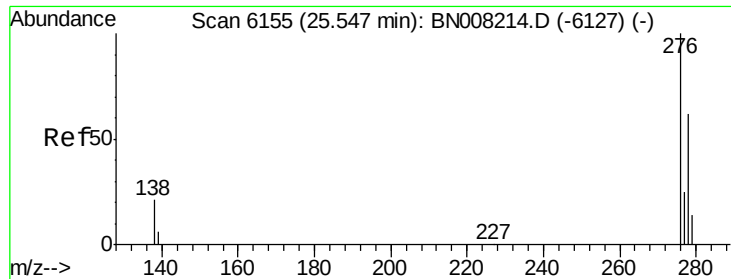
mohammad
10/20/2019 8:08:14 PM



#23
Benzo(a)pyrene
Concen: 1.537 ng/ul
RT: 23.28 min Scan# 5403
Delta R.T. -0.00 min
Lab File: BN008219.D
Acq: 17 Oct 2019 13:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	22.8	34.2
125	14.5	18.4	27.6#





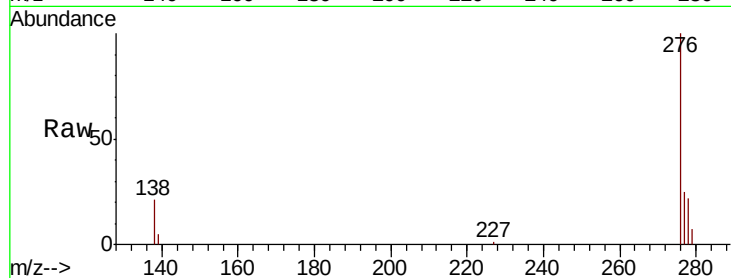
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.876 ng/ul
 RT: 25.54 min Scan# 6152
 Delta R.T. -0.01 min
 Lab File: BN008219.D
 Acq: 17 Oct 2019 13:11

Instrument :
 BNA_N
 ClientSampleId :
 BEP89DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.6	16.1	24.1
227	0.1	0.2	0.2

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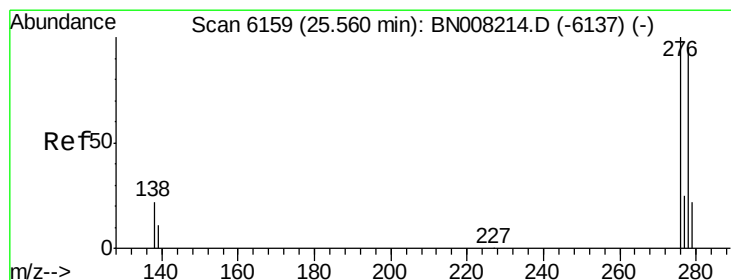
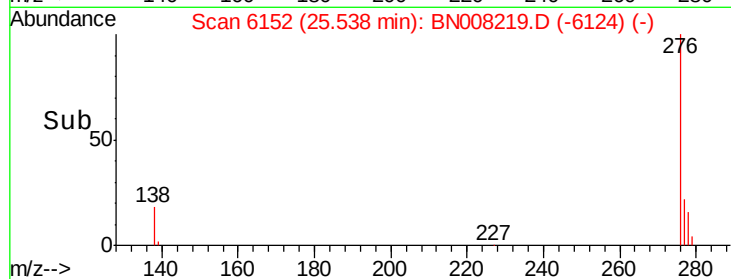
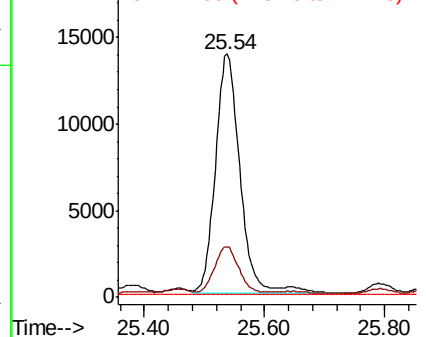


Abundance

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: 0.245 ng/ul
 RT: 25.54 min Scan# 6153
 Delta R.T. -0.02 min
 Lab File: BN008219.D
 Acq: 17 Oct 2019 13:11

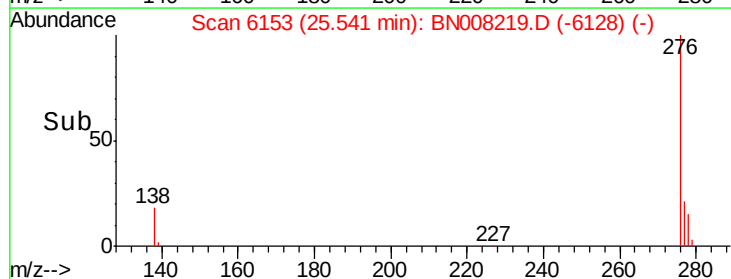
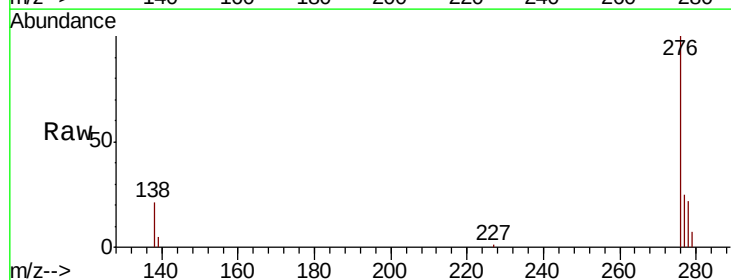
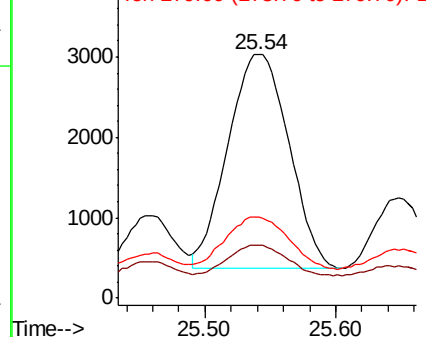
Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.8	15.0	22.6
279	33.2	22.4	33.6

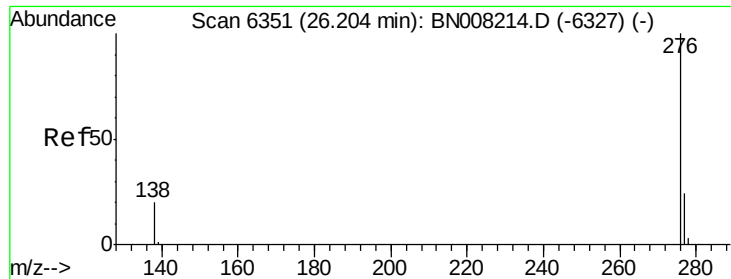
Abundance

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: 0.793 ng/ul
RT: 26.20 min Scan# 6349
Delta R.T. -0.00 min
Lab File: BN008219.D
Acq: 17 Oct 2019 13:11

Instrument :
BNA_N
ClientSampleId :
BEP89DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.0	17.0	25.4
277	25.0	20.4	30.6

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