

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
 Data File : BN008222.D
 Acq On : 17 Oct 2019 14:59
 Operator : JU
 Sample : K5175-12DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPF9DL

Manual Integrations
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Quant Time: Oct 18 02:46:57 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	7.60	152	2998	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	14186	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8891	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	18952m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	15518	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	11465	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	1370	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	4140	0.06	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.95	152	1581	0.037	ng/ul#	89
8) Acenaphthene	14.30	153	922	0.028	ng/ul	96
9) Fluorene	15.30	166	1067	0.029	ng/ul#	95
12) Phenanthrene	17.03	178	23711	0.427	ng/ul	100
13) Anthracene	17.12	178	4771	0.098	ng/ul	97
15) Fluoranthene	19.05	202	60274	0.822	ng/ul	97
17) Pyrene	19.41	202	67256	1.088	ng/ul	98
18) Benzo(a)anthracene	21.17	228	31110	0.551	ng/ul	97
19) Chrysene	21.22	228	35933	0.519	ng/ul	98
21) Benzo(b)fluoranthene	22.72	252	29798m	0.798	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	9910m	0.234	ng/ul	
23) Benzo(a)pyrene	23.27	252	21858	0.557	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.53	276	12885	0.279	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.53	278	3027	0.083	ng/ul#	73
26) Benzo(g,h,i)perylene	26.19	276	11027	0.260	ng/ul	96

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

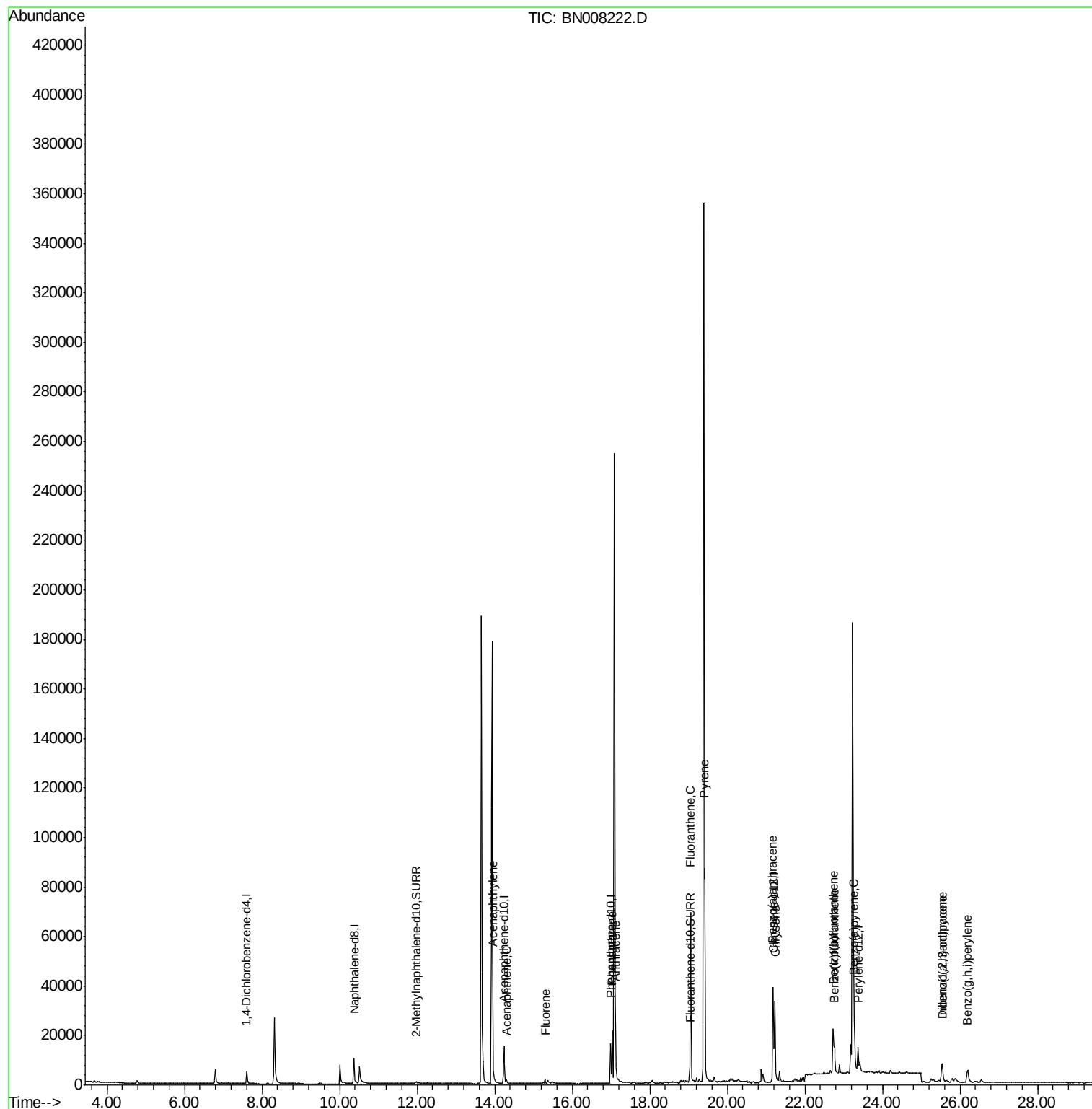
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008222.D
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Sample : K5175-12DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

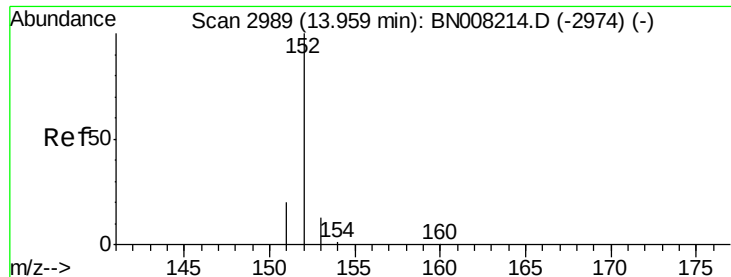
Instrument :
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Quant Time: Oct 18 02:46:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.037 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN008222.D

Acq: 17 Oct 2019 14:59

Instrument :

BNA_N

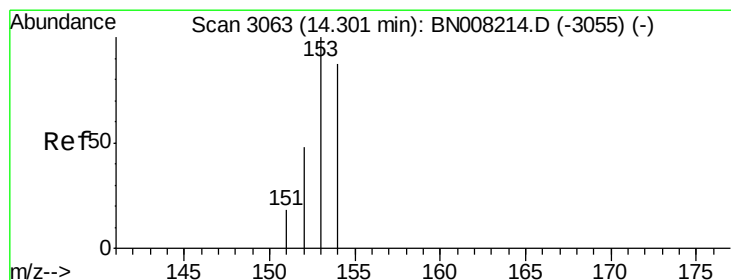
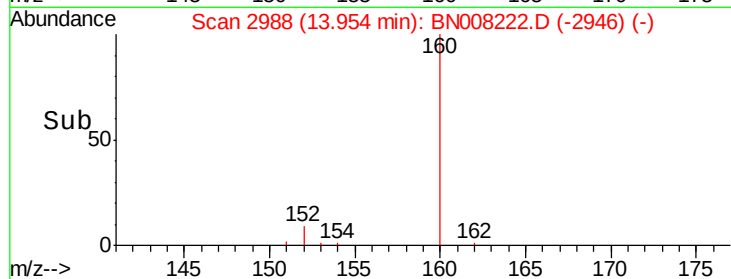
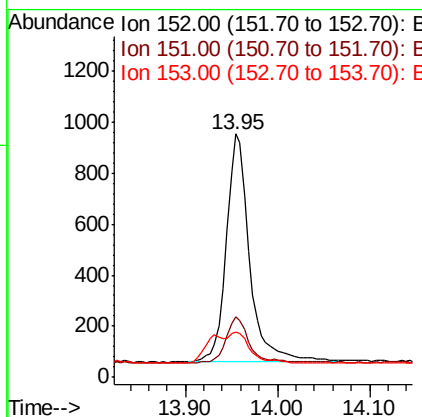
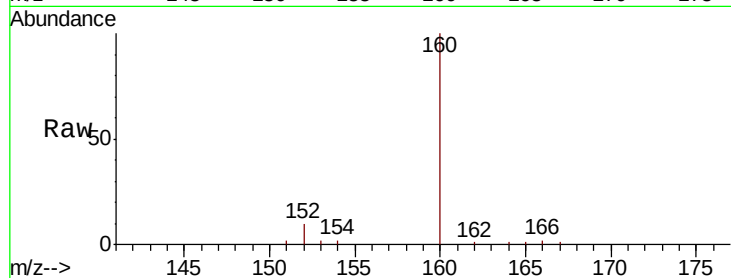
ClientSampleID :

BEPF9DL

Tot Ion:	152	Resp:	1581
Ion Ratio	Lower	Upper	
152	100		
151	24.9	16.2	24.4#
153	18.8	11.0	16.4#

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#8

Acenaphthene

Concen: 0.028 ng/ul

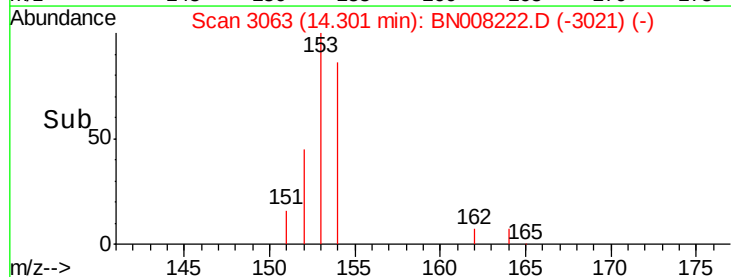
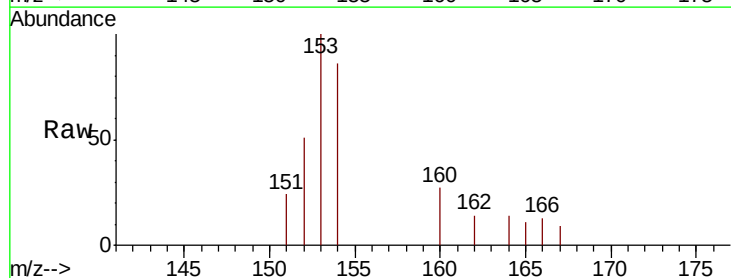
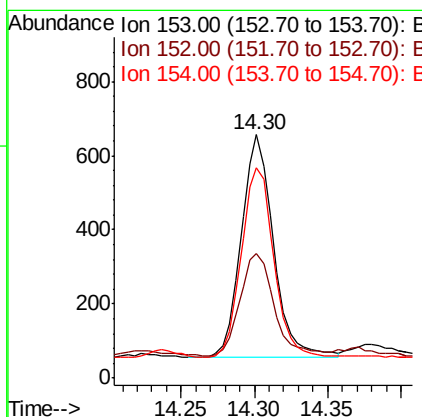
RT: 14.30 min Scan# 3063

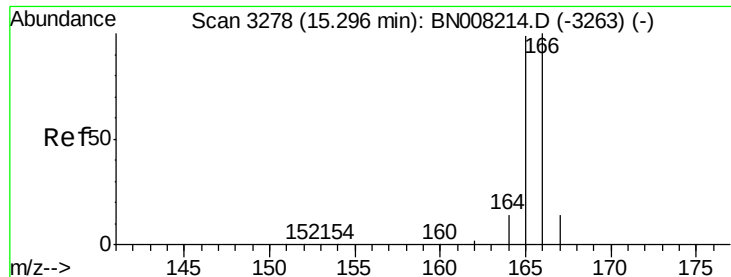
Delta R.T. -0.00 min

Lab File: BN008222.D

Acq: 17 Oct 2019 14:59

Tgt Ion:	153	Resp:	922
Ion Ratio	Lower	Upper	
153	100		
152	51.1	38.2	57.2
154	86.5	71.8	107.8





#9

Fluorene

Concen: 0.029 ng/ul

RT: 15.30 min Scan# 3278

Delta R.T. -0.00 min

Lab File: BN008222.D

Acq: 17 Oct 2019 14:59

Instrument :

BNA_N

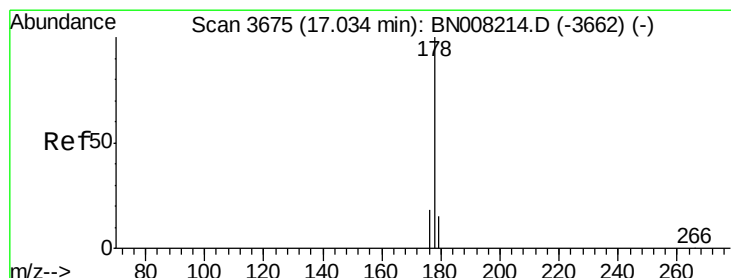
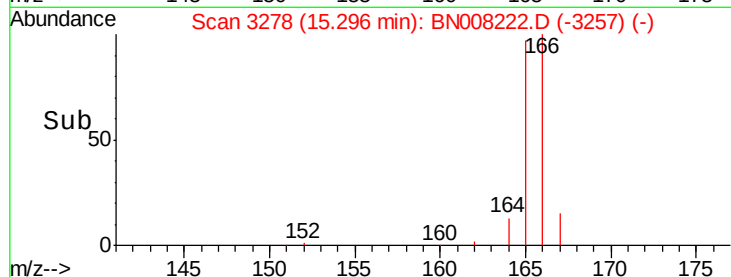
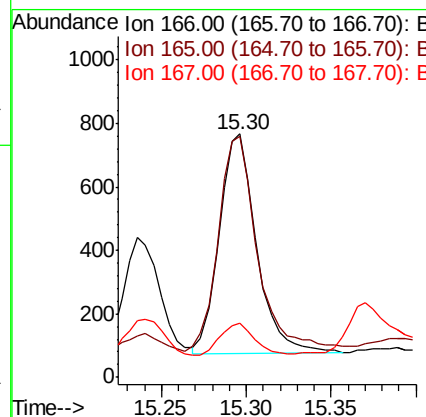
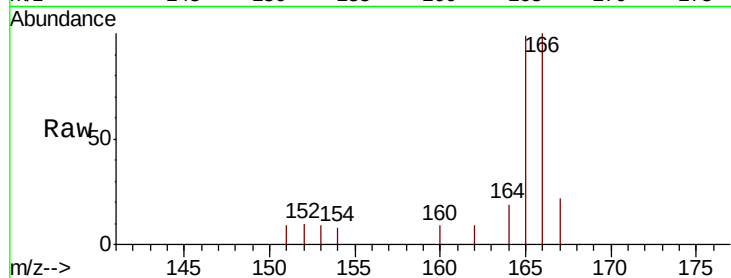
ClientSampleId :

BEPF9DL

Tot Ion:	166	Resp:	1067
Ion Ratio	Lower	Upper	
166	100		
165	98.8	76.6	115.0
167	22.3	11.7	17.5#

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#12

Phenanthrene

Concen: 0.427 ng/ul

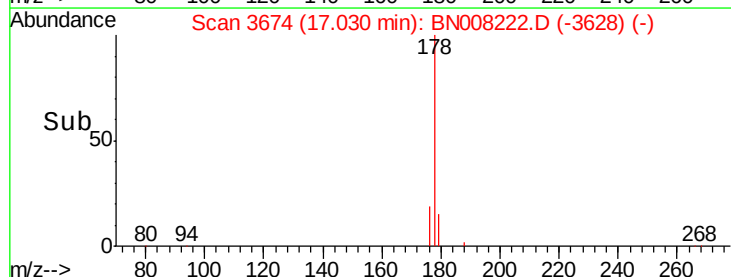
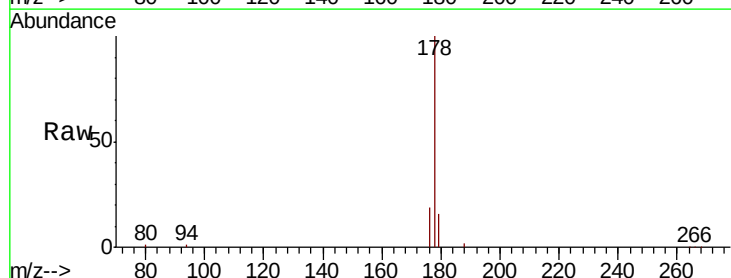
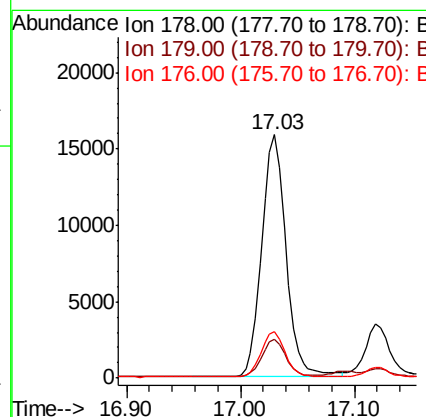
RT: 17.03 min Scan# 3674

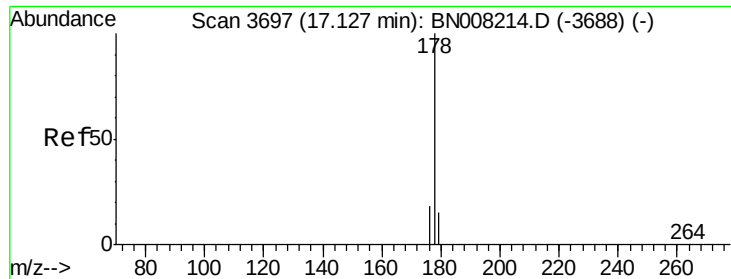
Delta R.T. -0.00 min

Lab File: BN008222.D

Acq: 17 Oct 2019 14:59

Tgt Ion:	178	Resp:	23711
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.8	19.2
176	19.0	15.4	23.2





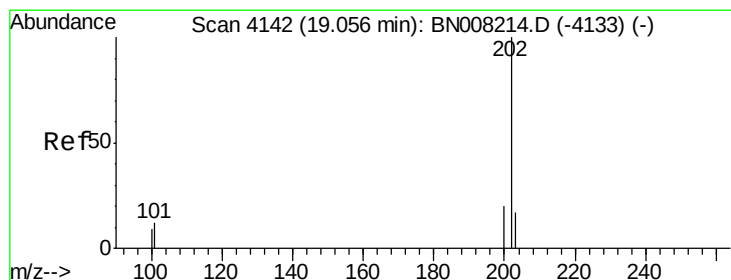
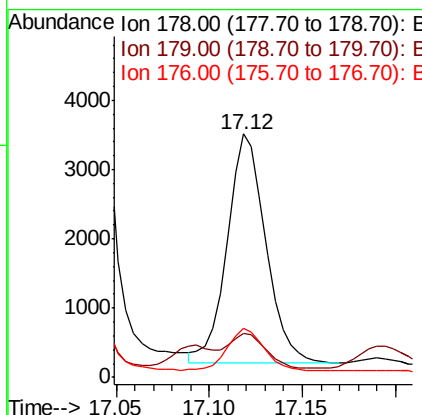
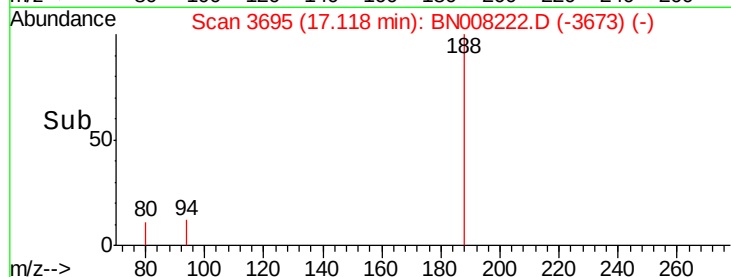
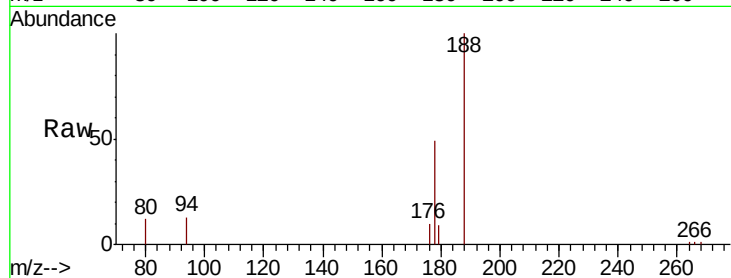
#13
 Anthracene
 Concen: 0.098 ng/ul
 RT: 17.12 min Scan# 3695
 Delta R.T. -0.01 min
 Lab File: BN008222.D
 Acq: 17 Oct 2019 14:59

Instrument :
 BNA_N
 ClientSampleId :
 BEPF9DL

Tot Ion:178	Resp:	4771
Ion Ratio	Lower	Upper
178	100	
179	18.3	13.0 19.6
176	19.9	15.0 22.6

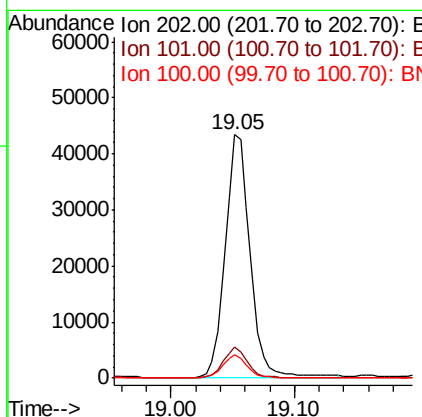
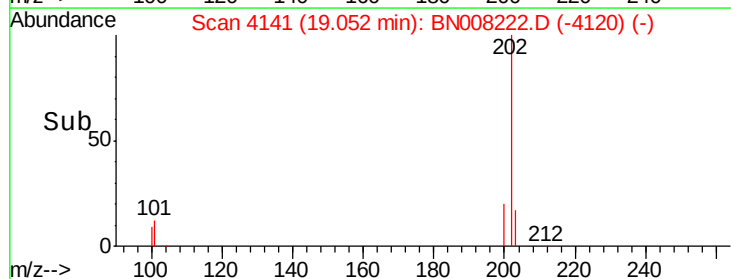
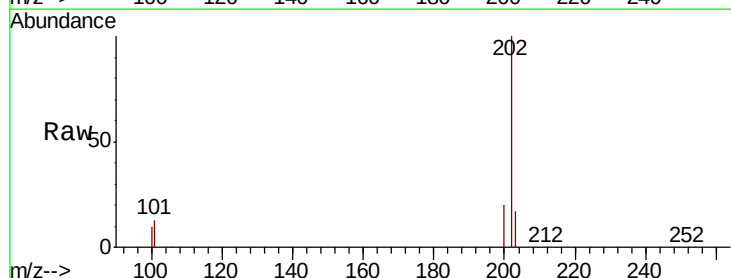
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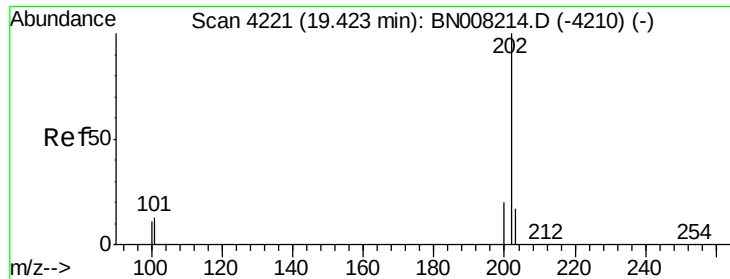
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#15
 Fluoranthene
 Concen: 0.822 ng/ul
 RT: 19.05 min Scan# 4141
 Delta R.T. -0.00 min
 Lab File: BN008222.D
 Acq: 17 Oct 2019 14:59

Tgt Ion:202	Resp:	60274
Ion Ratio	Lower	Upper
202	100	
101	12.5	0.0 31.2
100	9.6	0.0 28.5





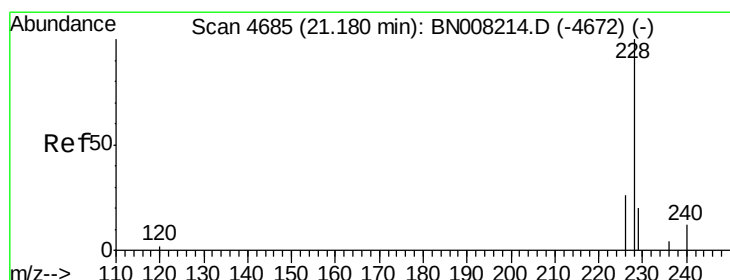
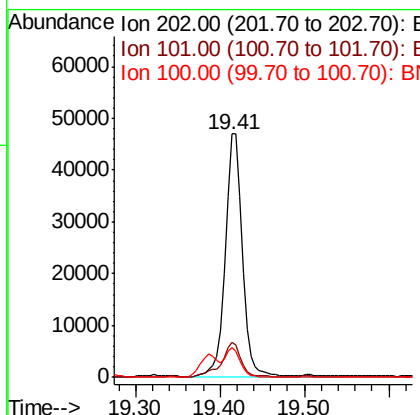
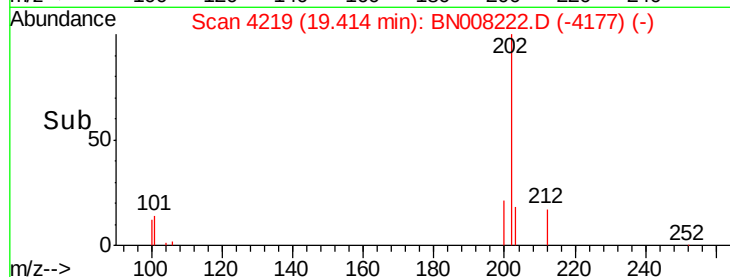
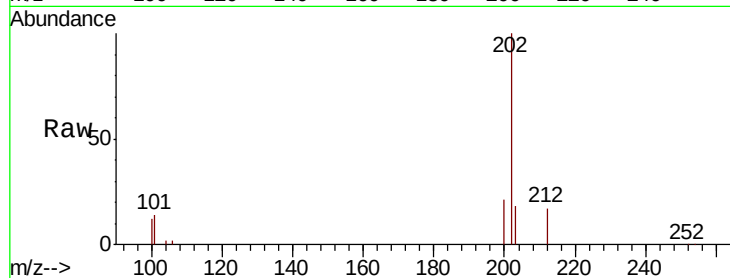
#17
Pvrene
Concen: 1.088 ng/ul
RT: 19.41 min Scan# 4219
Delta R.T. -0.00 min
Lab File: BN008222.D
Acq: 17 Oct 2019 14:59

Instrument :
BNA_N
ClientSampleId :
BEPF9DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.5	10.9	16.3
100	12.0	8.7	13.1

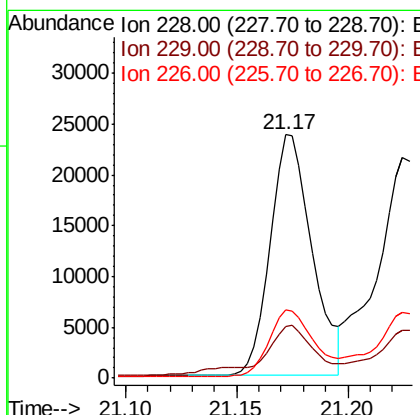
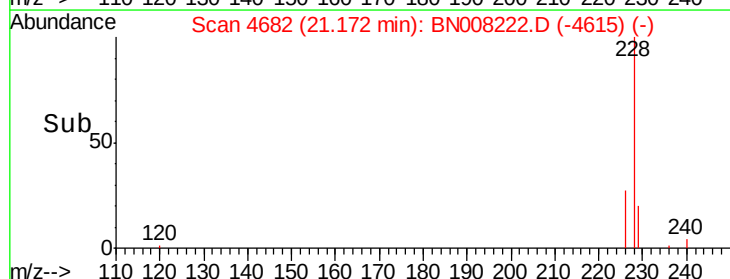
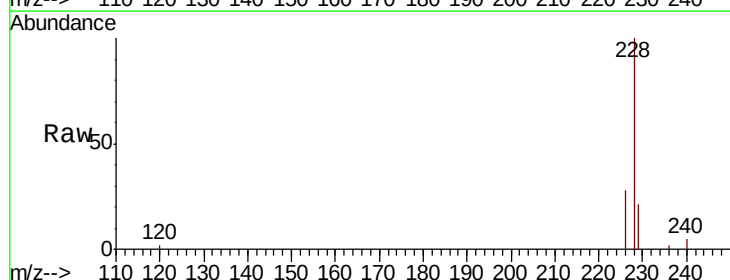
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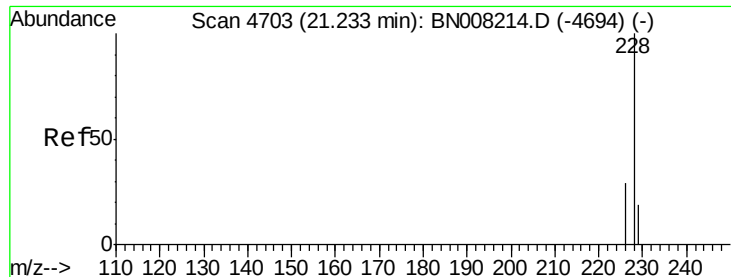
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#18
Benzo(a)anthracene
Concen: 0.551 ng/ul
RT: 21.17 min Scan# 4682
Delta R.T. -0.01 min
Lab File: BN008222.D
Acq: 17 Oct 2019 14:59

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.2	24.2
226	28.0	21.4	32.0





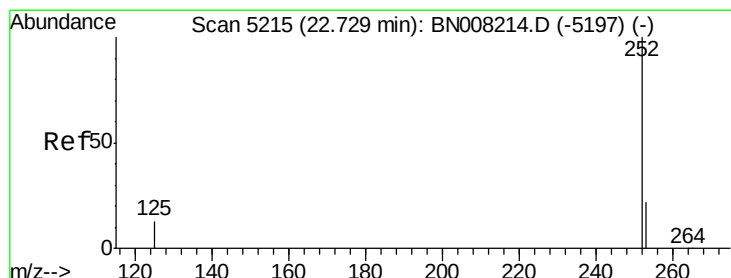
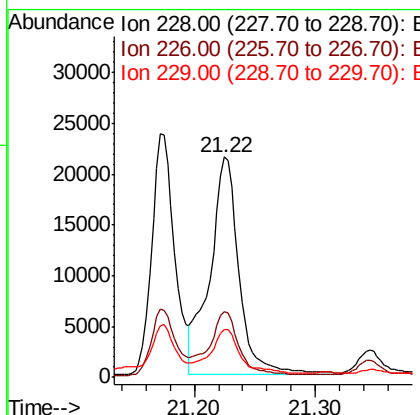
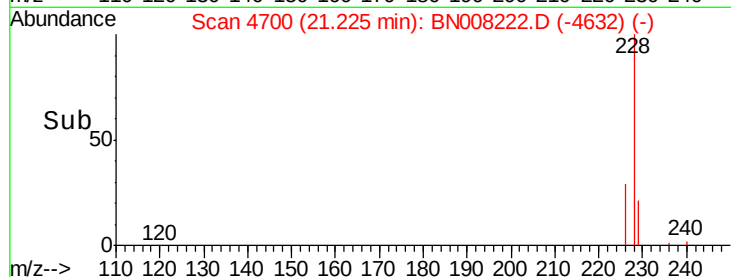
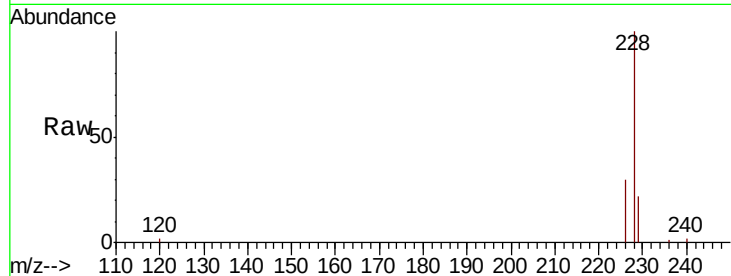
#19
Chrysene
Concen: 0.519 ng/ul
RT: 21.22 min Scan# 4700
Delta R.T. -0.00 min
Lab File: BN008222.D
Acq: 17 Oct 2019 14:59

Instrument :
BNA_N
ClientSampleId :
BEPF9DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	21.8	16.2	24.2

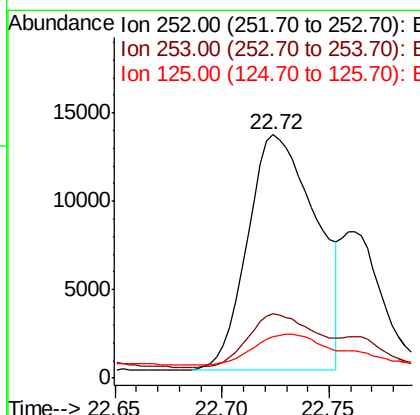
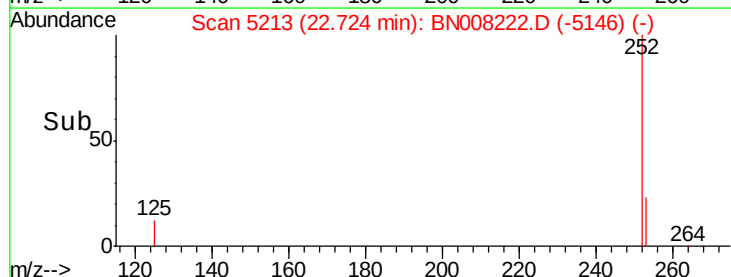
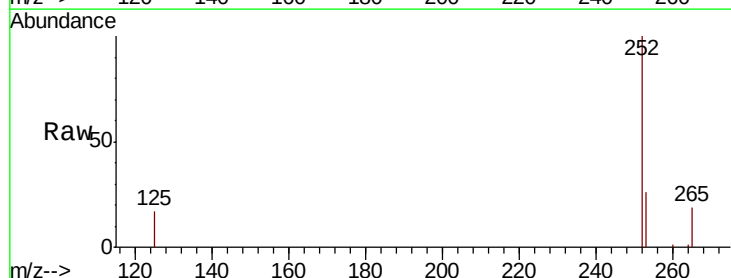
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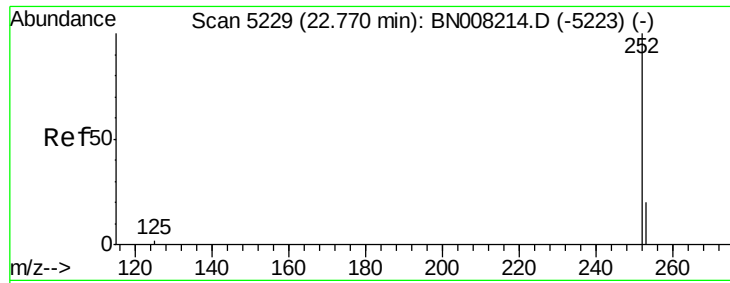
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#21
Benzo(b)fluoranthene
Concen: 0.798 ng/ul m
RT: 22.72 min Scan# 5213
Delta R.T. -0.01 min
Lab File: BN008222.D
Acq: 17 Oct 2019 14:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	0.0	53.4
125	16.8	0.0	32.4





#22

Benzo(k)fluoranthene

Concen: 0.234 ng/ul m

RT: 22.76 min Scan# 5226

Delta R.T. -0.01 min

Lab File: BN008222.D

Acq: 17 Oct 2019 14:59

Instrument :

BNA_N

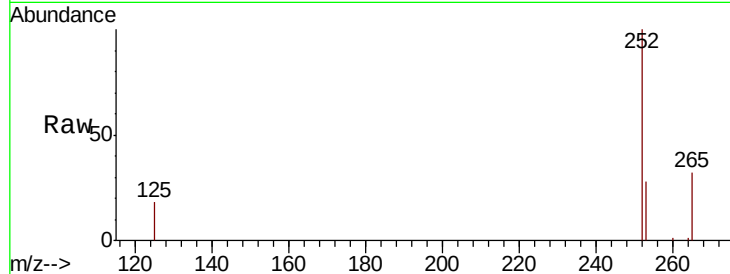
ClientSampleId :

BEPF9DL

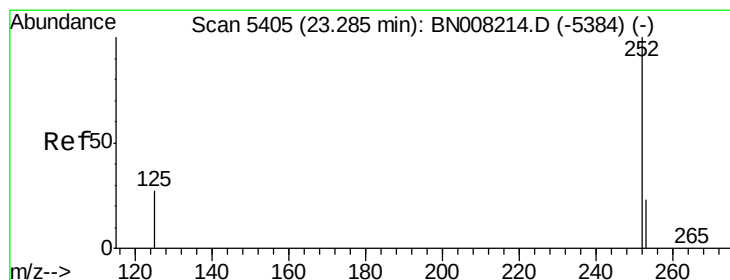
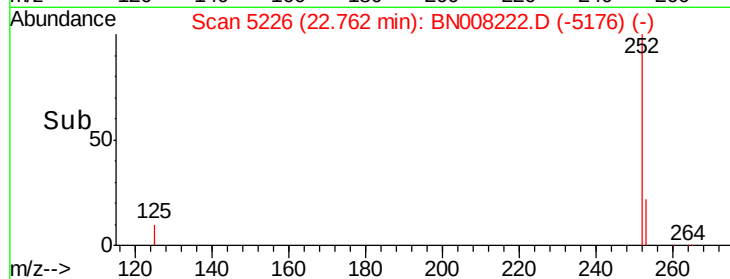
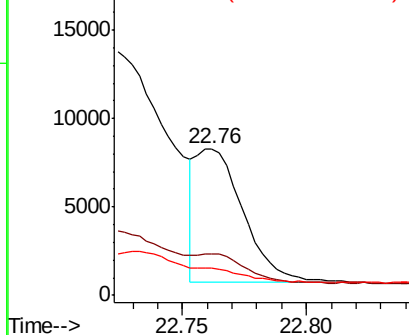
Tot Ion:	252	Resp:	9910
Ion Ratio	Lower	Upper	
252	100		
253	28.5	21.3	31.9
125	18.3	12.3	18.5

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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: 0.557 ng/ul

RT: 23.27 min Scan# 5401

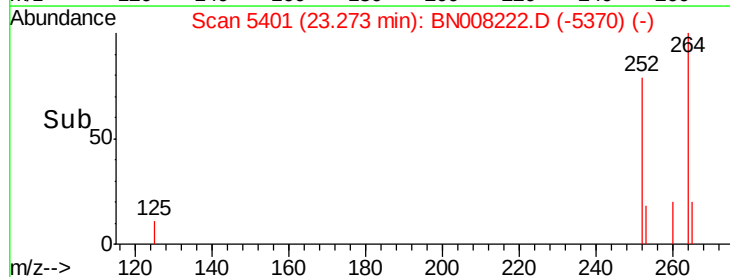
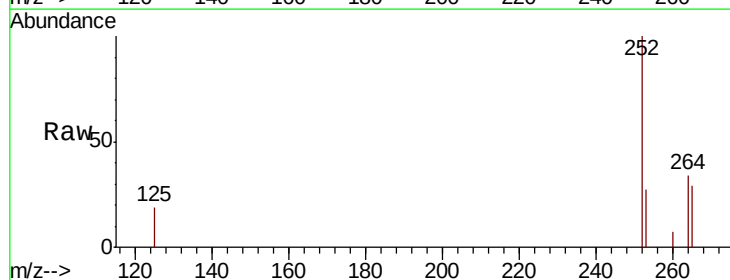
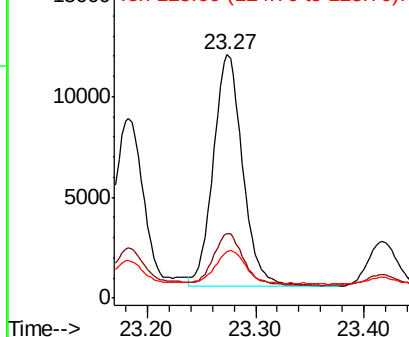
Delta R.T. -0.01 min

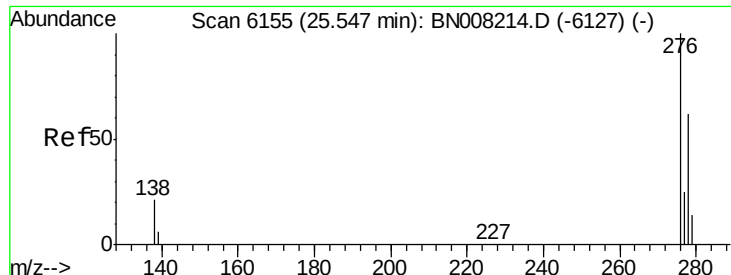
Lab File: BN008222.D

Acq: 17 Oct 2019 14:59

Tgt Ion:	252	Resp:	21858
Ion Ratio	Lower	Upper	
252	100		
253	26.6	22.8	34.2
125	19.1	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





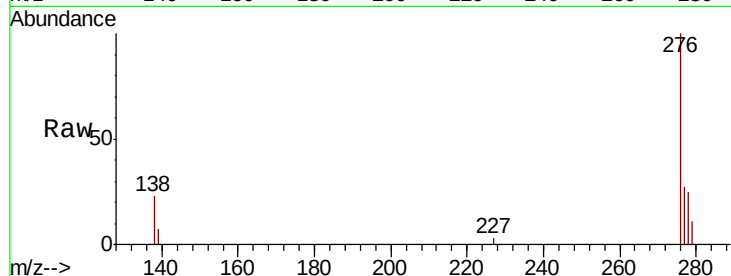
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.279 ng/ul
 RT: 25.53 min Scan# 6151
 Delta R.T. -0.01 min
 Lab File: BN008222.D
 Acq: 17 Oct 2019 14:59

Instrument :
 BNA_N
 ClientSampleId :
 BEPF9DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.7	16.1	24.1
227	0.1	0.2	0.2#

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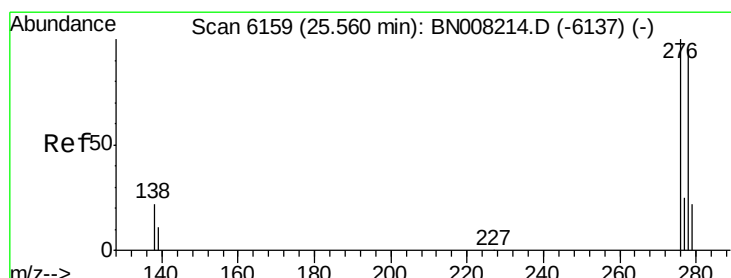
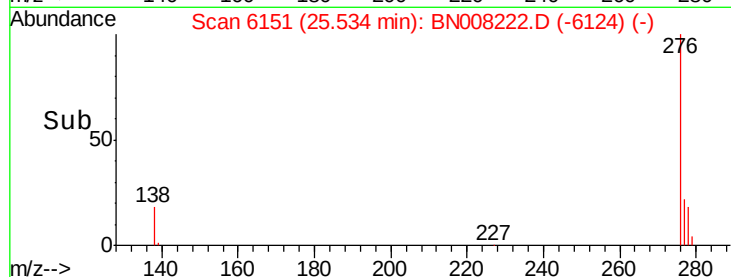
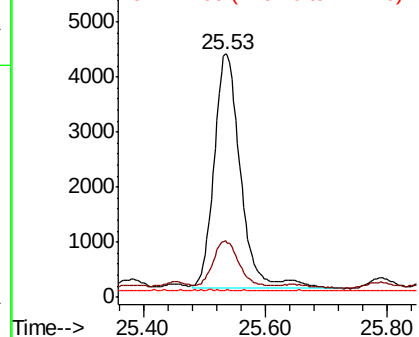


Abundance

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: 0.083 ng/ul
 RT: 25.53 min Scan# 6151
 Delta R.T. -0.02 min
 Lab File: BN008222.D
 Acq: 17 Oct 2019 14:59

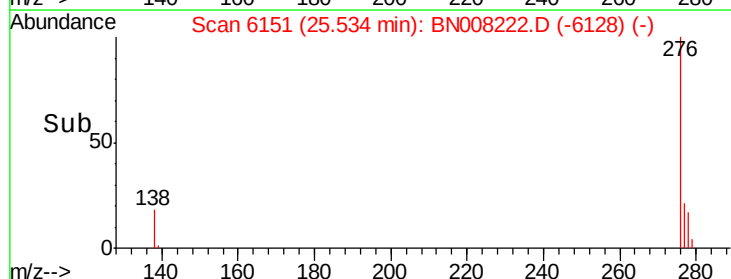
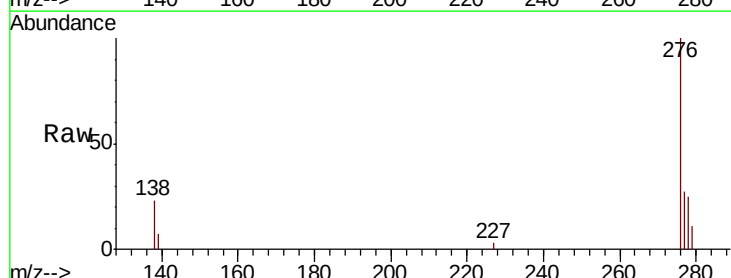
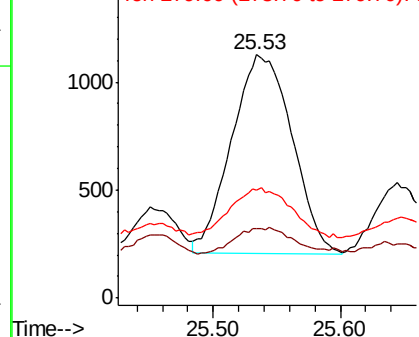
Tgt Ion	Ratio	Lower	Upper
278	100		
139	28.6	15.0	22.6#
279	44.3	22.4	33.6#

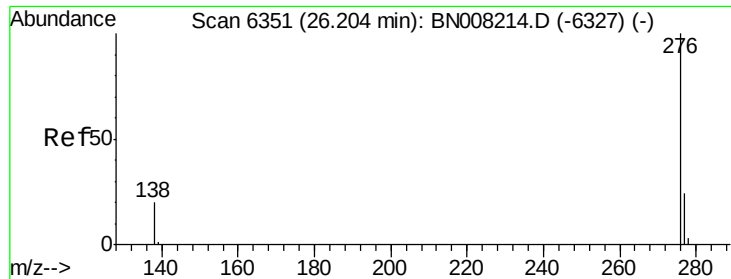
Abundance

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: 0.260 ng/ul

RT: 26.19 min Scan# 6348

Delta R.T. -0.01 min

Lab File: BN008222.D

Acq: 17 Oct 2019 14:59

Instrument :

BNA_N

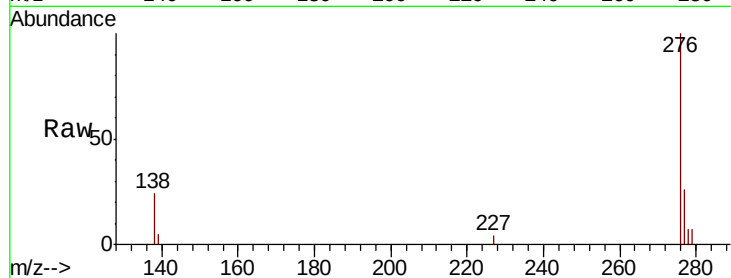
ClientSampleId :

BEPF9DL

Tot Ion:	276	Resp:	11027
Ion Ratio	Lower	Upper	
276	100		
138	24.2	17.0	25.4
277	26.4	20.4	30.6

Manual Integrations
APPROVED

mohammad
10/20/2019 8:08:25 PM



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

