

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
 Data File : BN008280.D
 Acq On : 21 Oct 2019 13:24
 Operator : JU
 Sample : K5199-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP78

Manual Integrations
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Quant Time: Oct 21 15:57:05 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 : Mon Oct 21 15:18:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1736	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	8276	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5168	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	11404m	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	11422	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	13525	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	3607	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	10689	0.27	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.40	128	757	0.032	ng/ul#	74
5) 2-Methylnaphthalene	12.03	142	429	0.027	ng/ul	99
7) Acenaphthylene	13.94	152	1245	0.051	ng/ul#	86
8) Acenaphthene	14.29	153	507	0.026	ng/ul	94
9) Fluorene	15.28	166	661	0.030	ng/ul#	91
12) Phenanthrene	17.01	178	15022	0.450	ng/ul	99
13) Anthracene	17.11	178	2011	0.068	ng/ul#	92
15) Fluoranthene	19.04	202	32554	0.738	ng/ul	96
17) Pyrene	19.40	202	28874	0.635	ng/ul	99
18) Benzo(a)anthracene	21.16	228	13270	0.320	ng/ul	96
19) Chrysene	21.22	228	18083	0.355	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	22487m	0.511	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	8322m	0.167	ng/ul	
23) Benzo(a)pyrene	23.26	252	13925	0.301	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.51	276	8852	0.162	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.51	278	1890	0.044	ng/ul#	58
26) Benzo(a,h,i)perylene	26.16	276	7408	0.148	ng/ul#	93

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

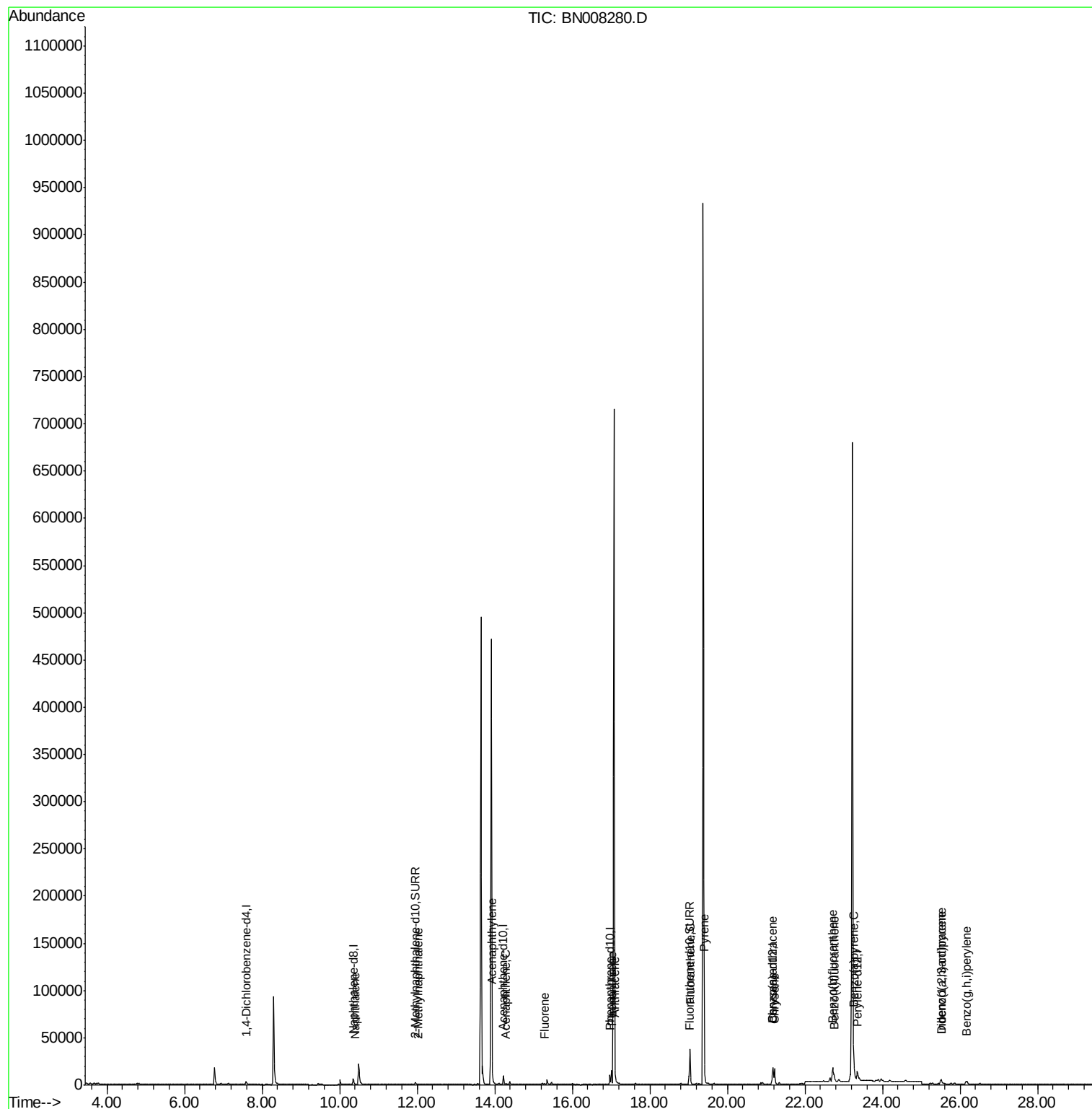
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
Data File : BN008280.D
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ALS Vial : 9 Sample Multiplier: 1

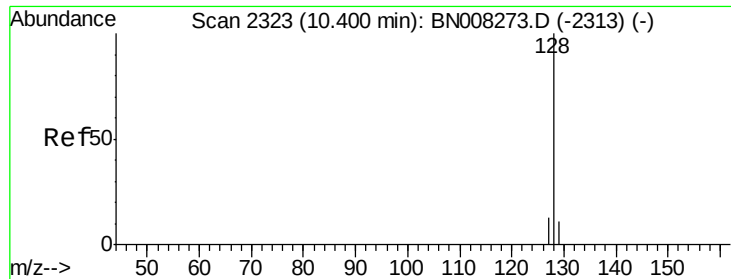
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Mon Oct 21 15:18:52 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.032 ng/ul

RT: 10.40 min Scan# 2323

Delta R.T. 0.00 min

Lab File: BN008280.D

Acq: 21 Oct 2019 13:24

Instrument :

BNA_N

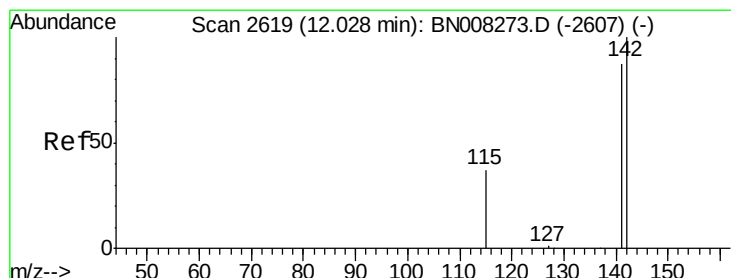
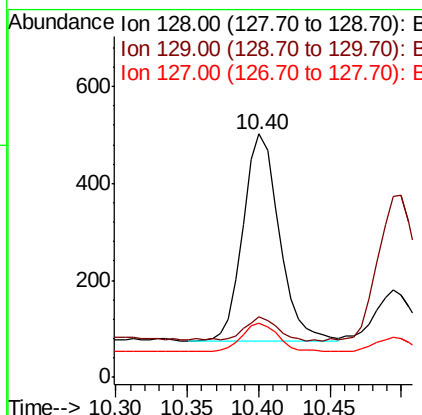
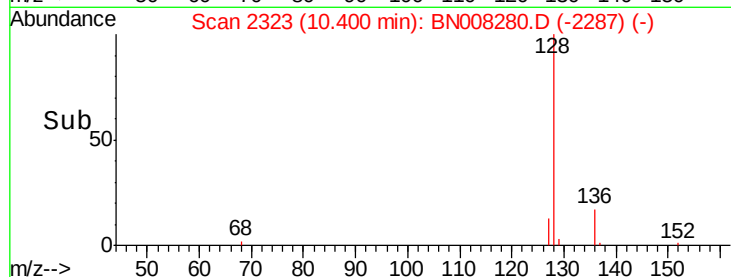
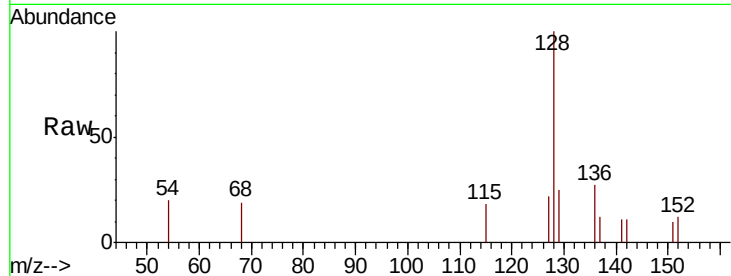
ClientSampleId :

BEP78

Tot Ion:	128	Resp:	757
Ion	Ratio	Lower	Upper
128	100		
129	24.9	9.8	14.8#
127	22.1	11.1	16.7#

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#5

2-Methylnaphthalene

Concen: 0.027 ng/ul

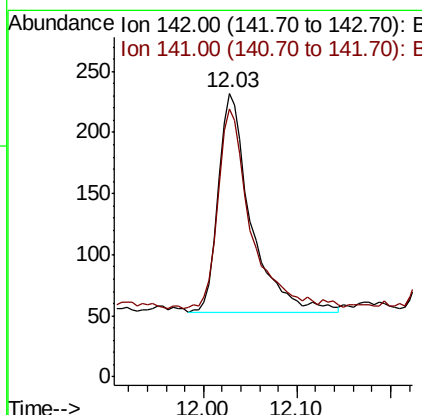
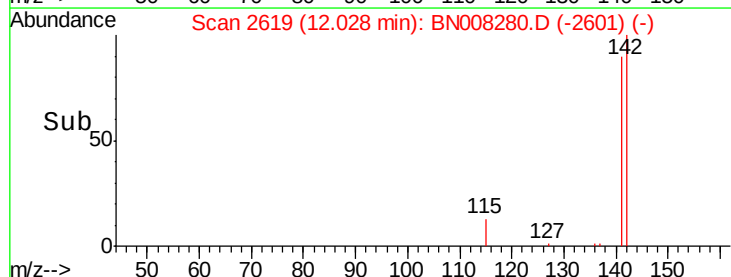
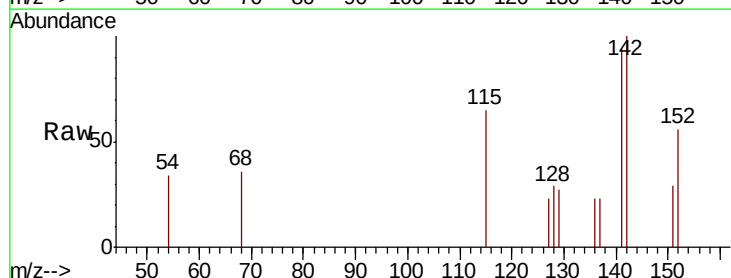
RT: 12.03 min Scan# 2619

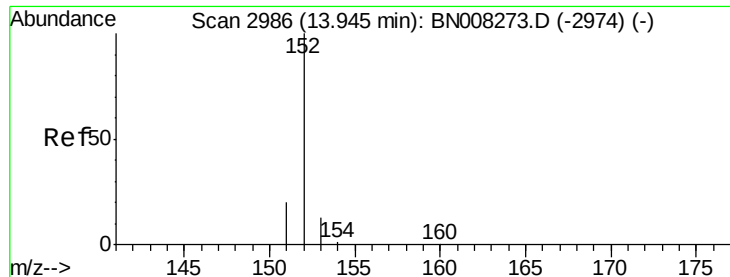
Delta R.T. 0.00 min

Lab File: BN008280.D

Acq: 21 Oct 2019 13:24

Tgt Ion:	142	Resp:	429
Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.4	107.2





#7

Acenaphthylene

Concen: 0.051 ng/ul

RT: 13.94 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BN008280.D

Acq: 21 Oct 2019 13:24

Instrument :

BNA_N

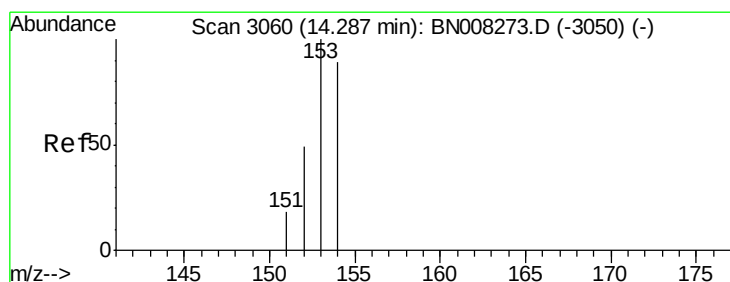
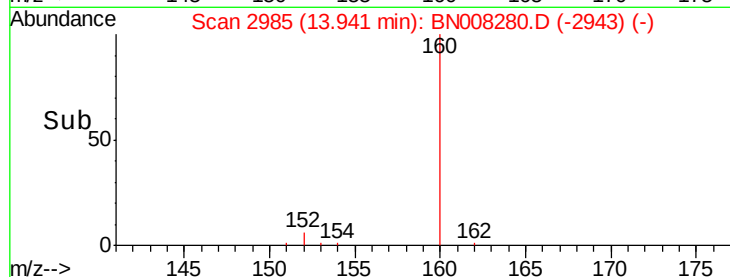
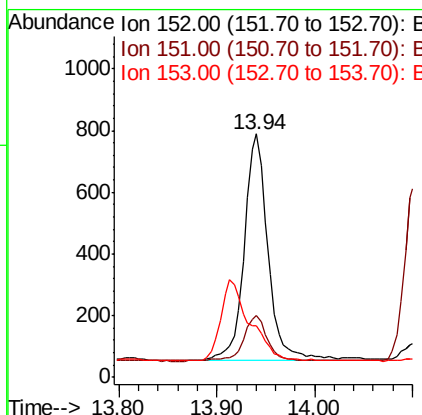
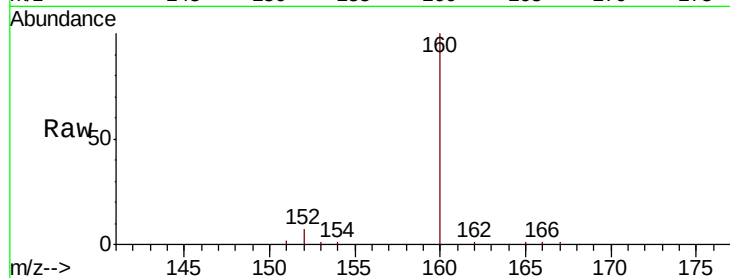
ClientSampleId :

BEP78

Tot Ion:	152	Resp:	1245
Ion Ratio	Lower	Upper	
152	100		
151	25.2	16.2	24.4#
153	20.9	11.0	16.4#

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#8

Acenaphthene

Concen: 0.026 ng/ul

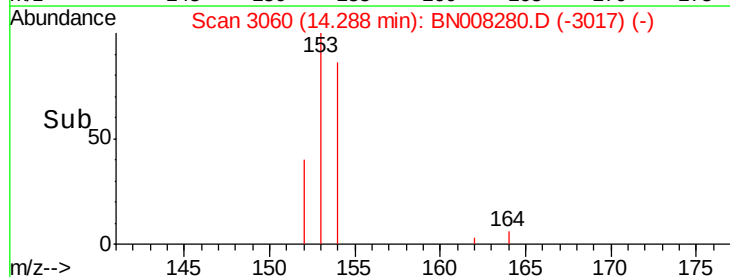
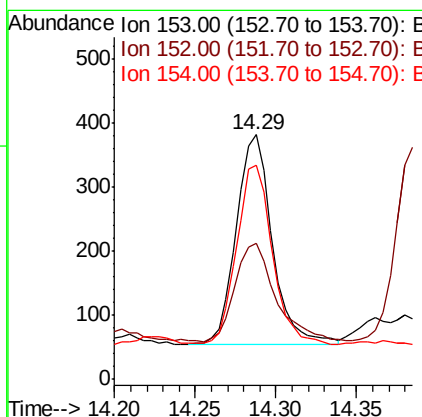
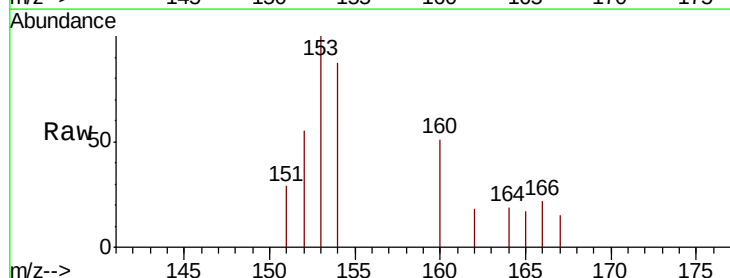
RT: 14.29 min Scan# 3060

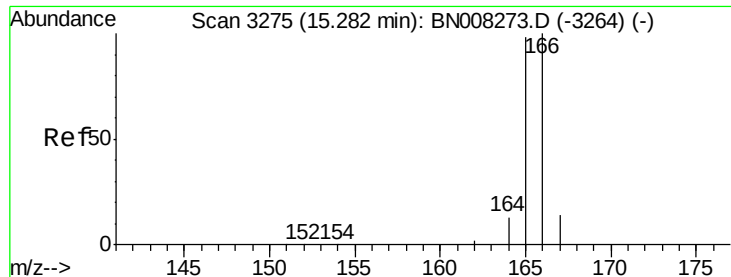
Delta R.T. 0.00 min

Lab File: BN008280.D

Acq: 21 Oct 2019 13:24

Tgt Ion:	153	Resp:	507
Ion Ratio	Lower	Upper	
153	100		
152	55.4	38.2	57.2
154	87.4	71.8	107.8





#9

Fluorene

Concen: 0.030 ng/ul

RT: 15.28 min Scan# 3274

Delta R.T. -0.00 min

Lab File: BN008280.D

Acq: 21 Oct 2019 13:24

Instrument :

BNA_N

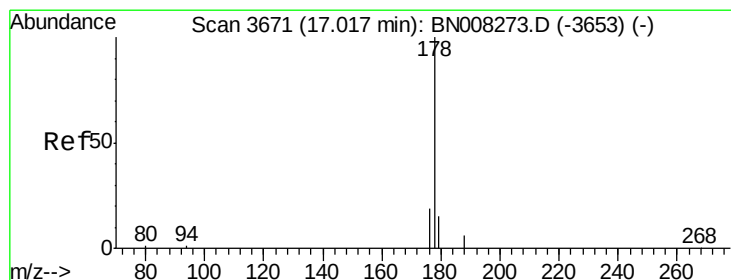
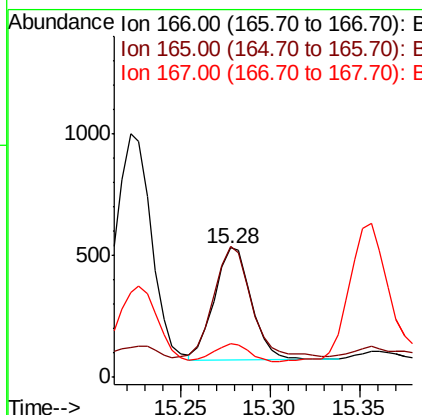
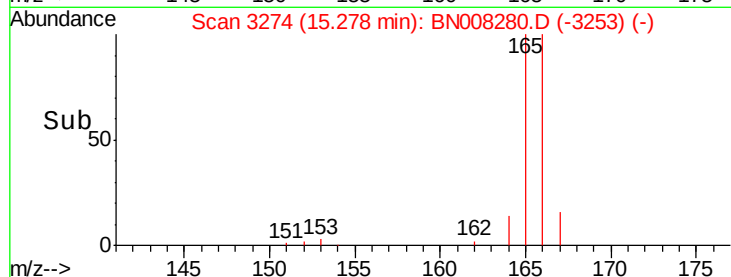
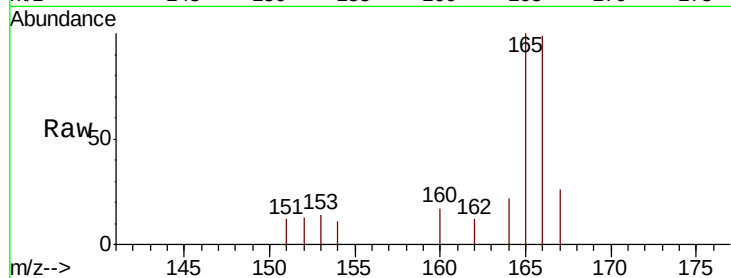
ClientSampleId :

BEP78

Tot Ion:	166	Resp:	661
Ion Ratio	Lower	Upper	
166	100		
165	101.5	76.6	115.0
167	26.2	11.7	17.5#

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#12

Phenanthrene

Concen: 0.450 ng/ul

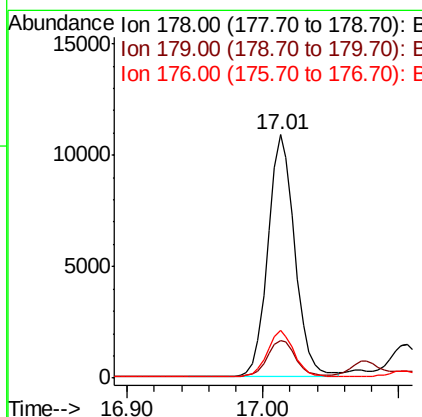
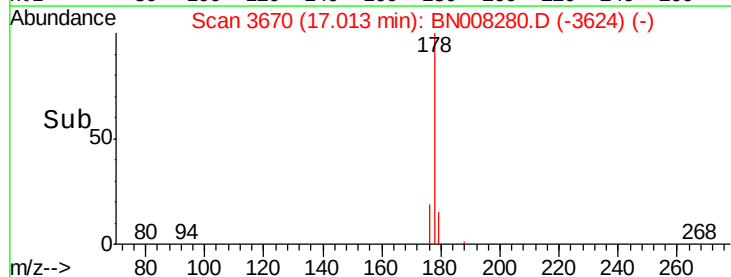
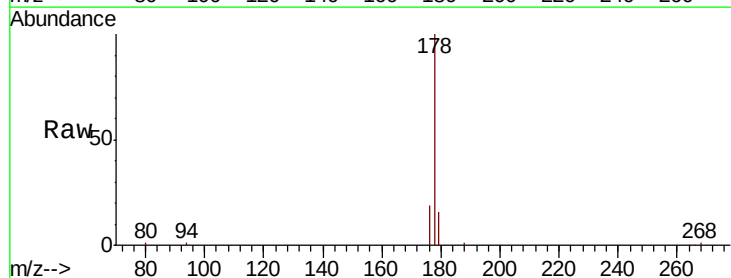
RT: 17.01 min Scan# 3670

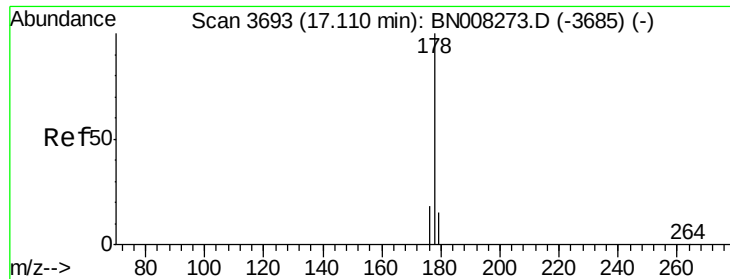
Delta R.T. -0.00 min

Lab File: BN008280.D

Acq: 21 Oct 2019 13:24

Tgt Ion:	178	Resp:	15022
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.8	19.2
176	19.5	15.4	23.2





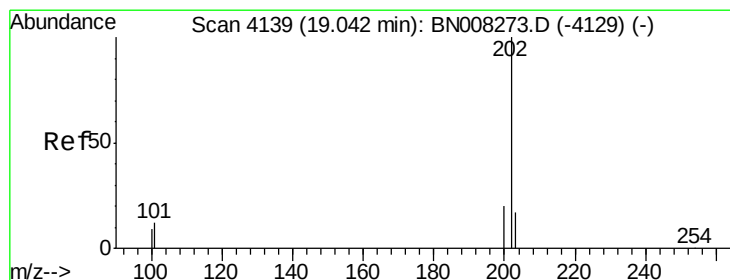
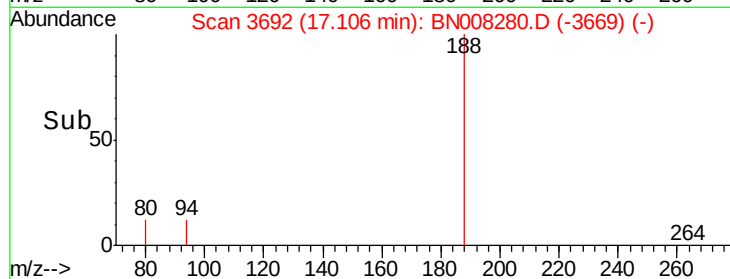
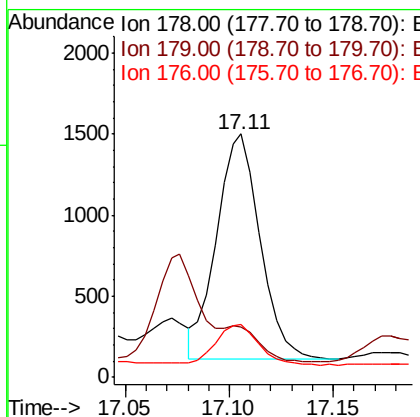
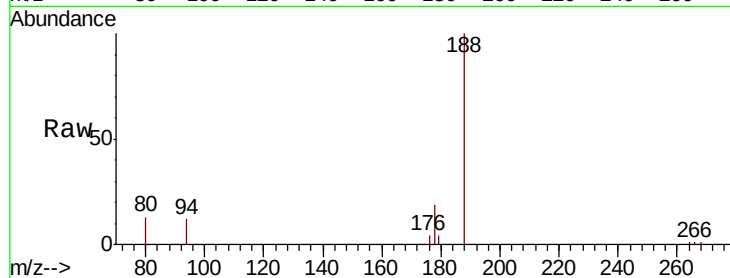
#13
 Anthracene
 Concen: 0.068 ng/ul
 RT: 17.11 min Scan# 3692
 Delta R.T. -0.00 min
 Lab File: BN008280.D
 Acq: 21 Oct 2019 13:24

Instrument :
 BNA_N
 ClientSampled :
 BEP78

Tot Ion	Ratio	Lower	Upper
178	100		
179	20.9	13.0	19.6#
176	21.6	15.0	22.6

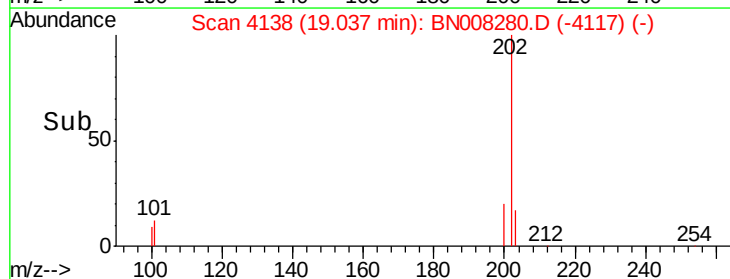
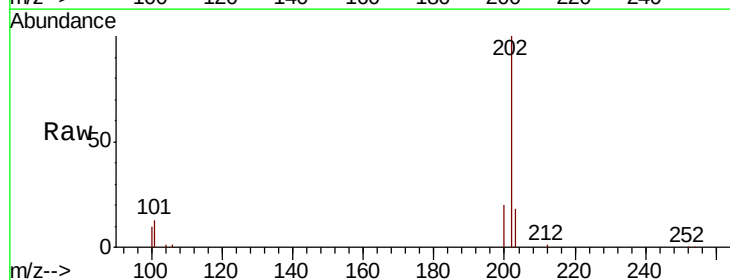
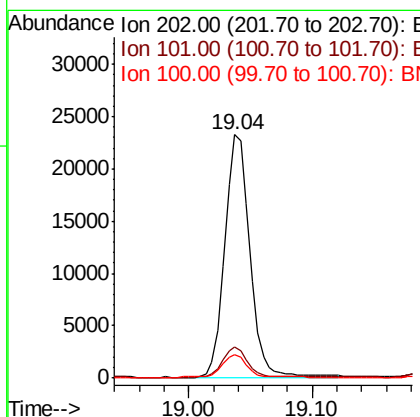
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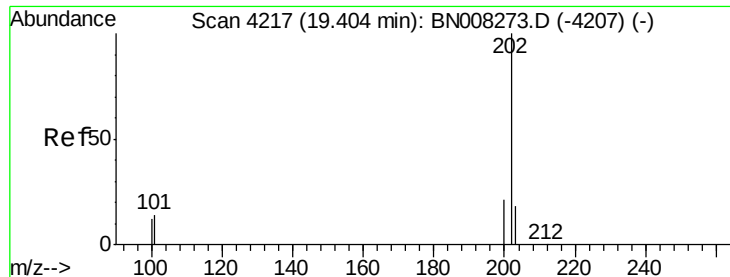
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#15
 Fluoranthene
 Concen: 0.738 ng/ul
 RT: 19.04 min Scan# 4138
 Delta R.T. -0.00 min
 Lab File: BN008280.D
 Acq: 21 Oct 2019 13:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	31.2
100	9.7	0.0	28.5





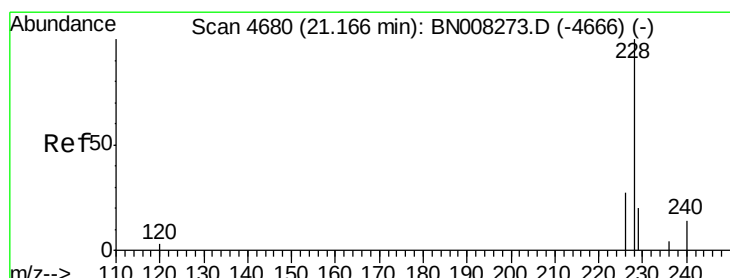
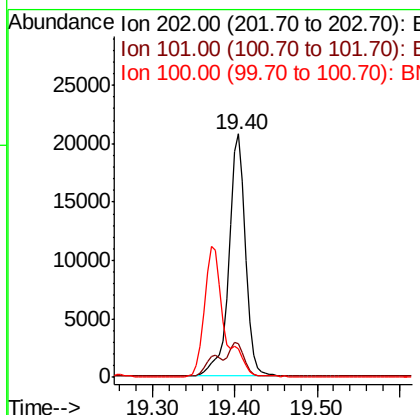
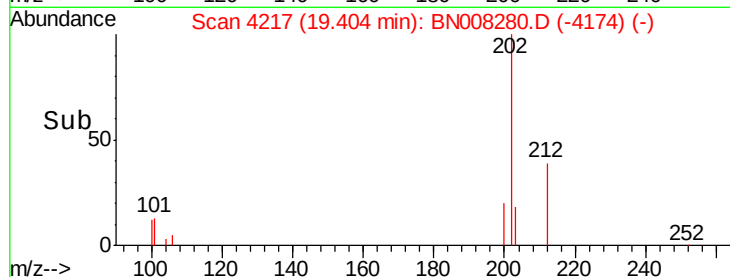
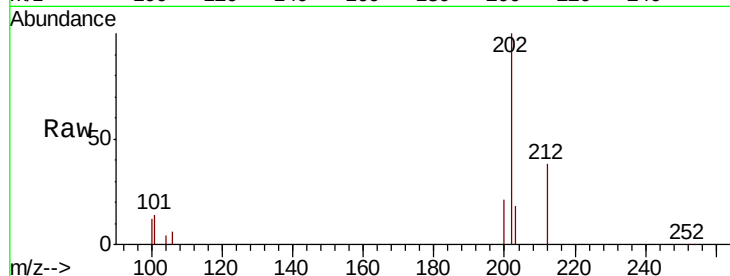
#17
 Pvrene
 Concen: 0.635 ng/ul
 RT: 19.40 min Scan# 4217
 Delta R.T. 0.00 min
 Lab File: BN008280.D
 Acq: 21 Oct 2019 13:24

Instrument :
 BNA_N
 ClientSampleId :
 BEP78

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.9	16.3
100	11.8	8.7	13.1

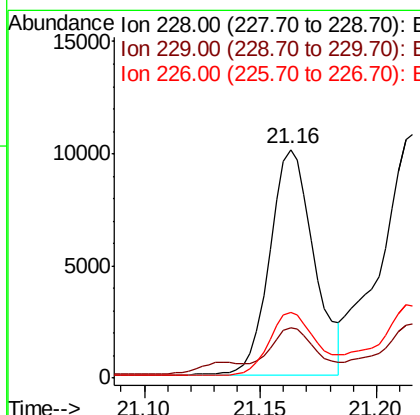
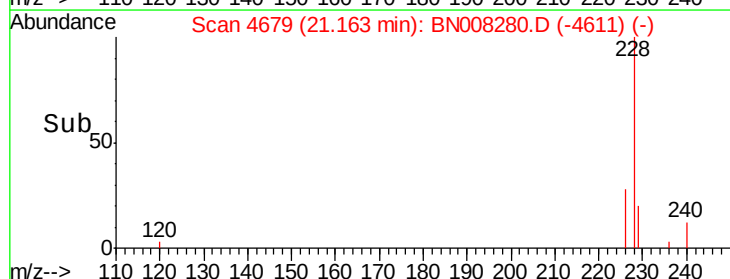
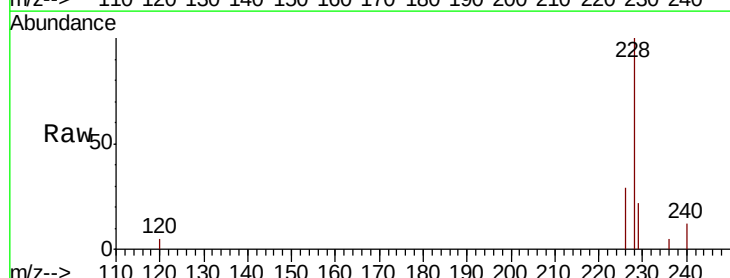
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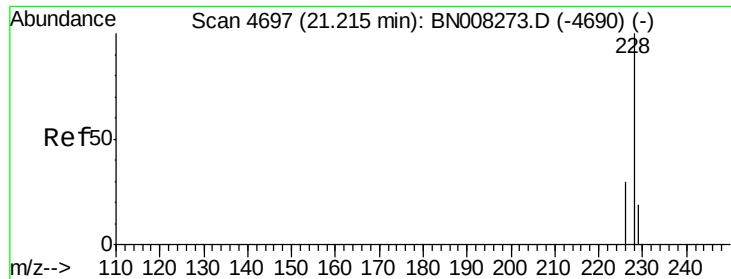
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#18
 Benzo(a)anthracene
 Concen: 0.320 ng/ul
 RT: 21.16 min Scan# 4679
 Delta R.T. -0.00 min
 Lab File: BN008280.D
 Acq: 21 Oct 2019 13:24

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.9	16.2	24.2
226	28.9	21.4	32.0





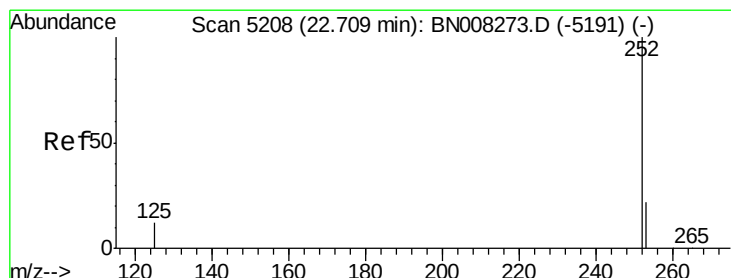
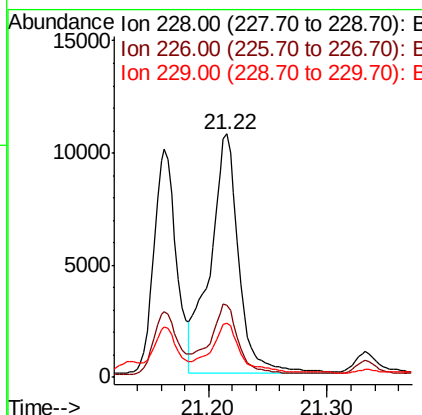
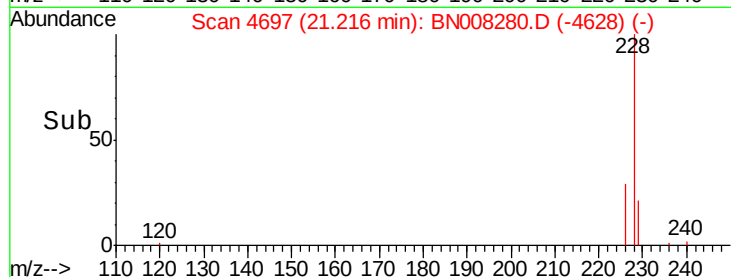
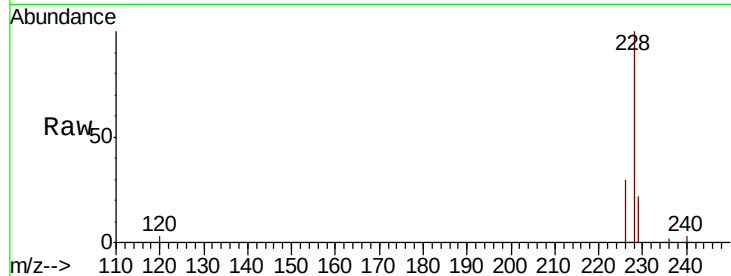
#19
Chrysene
Concen: 0.355 ng/ul
RT: 21.22 min Scan# 4697
Delta R.T. 0.00 min
Lab File: BN008280.D
Acq: 21 Oct 2019 13:24

Instrument :
BNA_N
ClientSampled :
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Tot Ion:	228	Resp:	18083
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.1	36.1
229	22.2	16.2	24.2

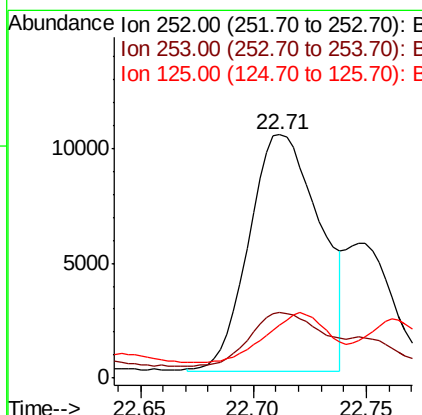
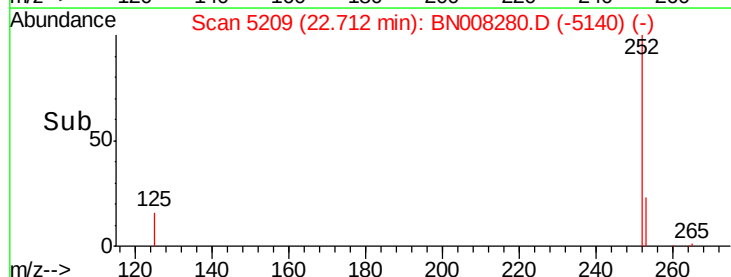
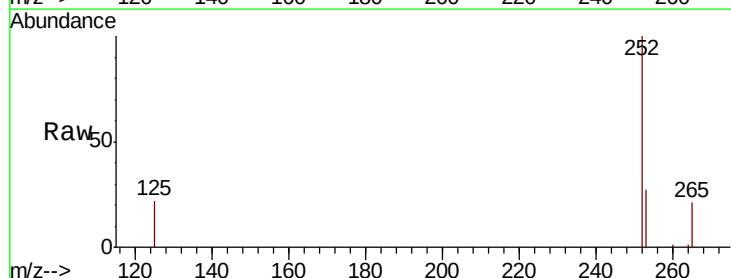
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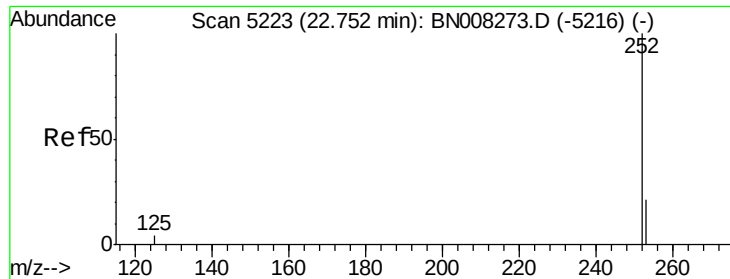
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#21
Benzo(b)fluoranthene
Concen: 0.511 ng/ul m
RT: 22.71 min Scan# 5209
Delta R.T. 0.00 min
Lab File: BN008280.D
Acq: 21 Oct 2019 13:24

Tgt Ion:	252	Resp:	22487
Ion Ratio	Lower	Upper	
252	100		
253	26.9	0.0	53.4
125	21.8	0.0	32.4





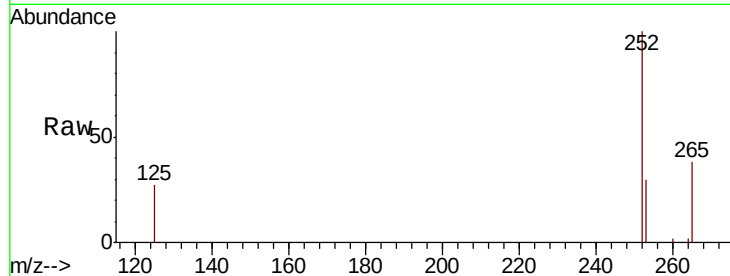
#22
Benzo(k)fluoranthene
Concen: 0.167 ng/ul m
RT: 22.75 min Scan# 5221
Delta R.T. -0.01 min
Lab File: BN008280.D
Acq: 21 Oct 2019 13:24

Instrument :
BNA_N
ClientSampleId :
BEP78

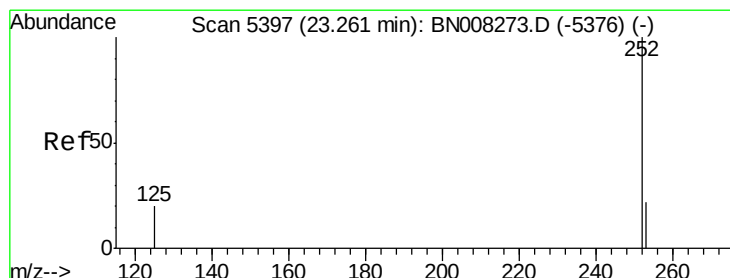
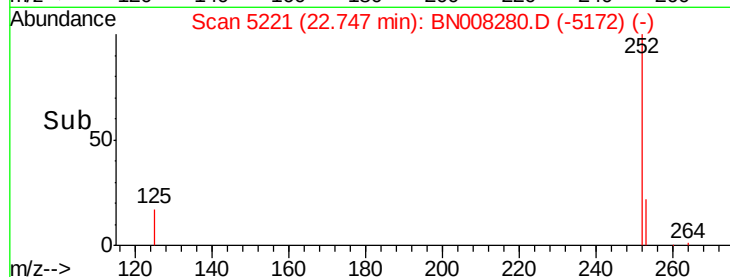
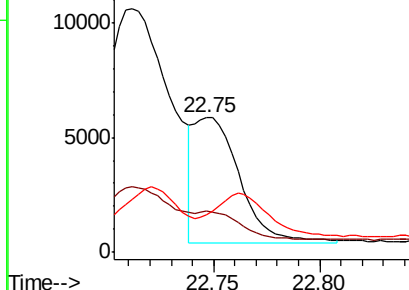
Tot Ion	Ratio	Lower	Upper
252	100		
253	30.3	21.3	31.9
125	27.4	12.3	18.5#

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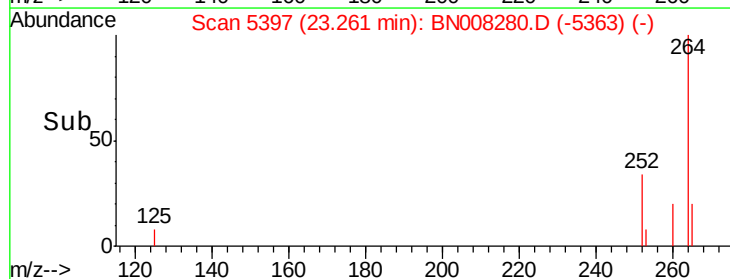
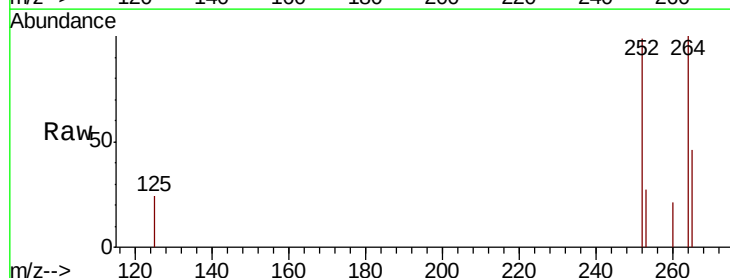
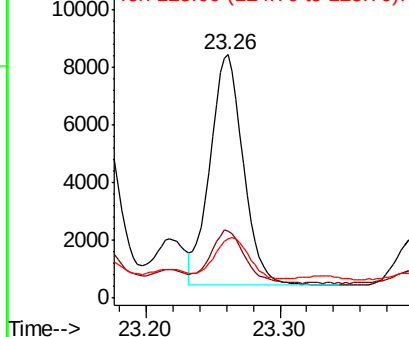
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

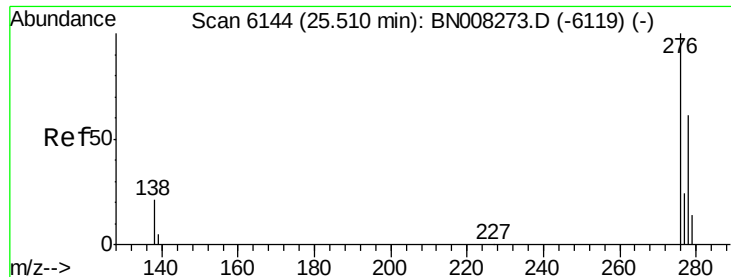


#23
Benzo(a)pyrene
Concen: 0.301 ng/ul
RT: 23.26 min Scan# 5397
Delta R.T. 0.00 min
Lab File: BN008280.D
Acq: 21 Oct 2019 13:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.7	22.8	34.2
125	24.4	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





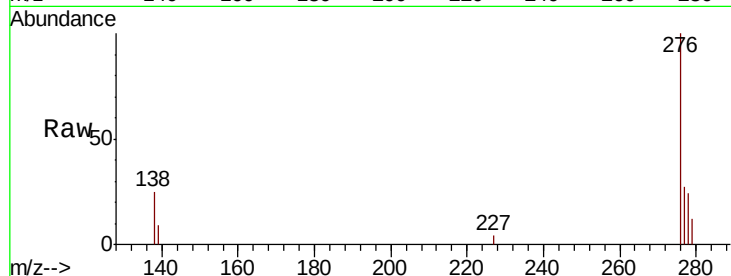
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.162 ng/ul
RT: 25.51 min Scan# 6144
Delta R.T. 0.00 min
Lab File: BN008280.D
Acq: 21 Oct 2019 13:24

Instrument :
BNA_N
ClientSampleId :
BEP78

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	16.1	24.1
227	0.0	0.2	0.2

Manual Integrations
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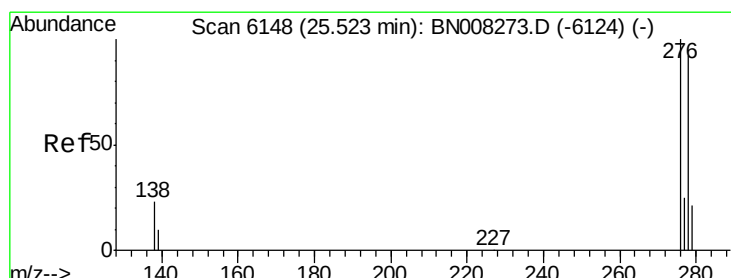
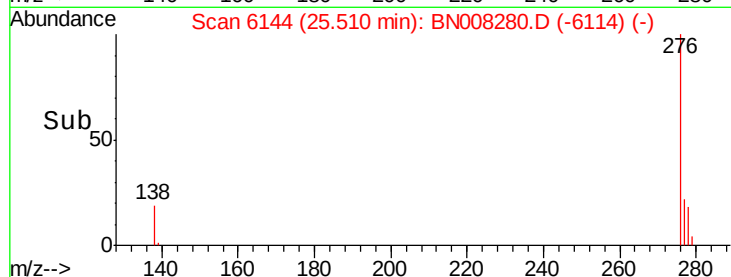
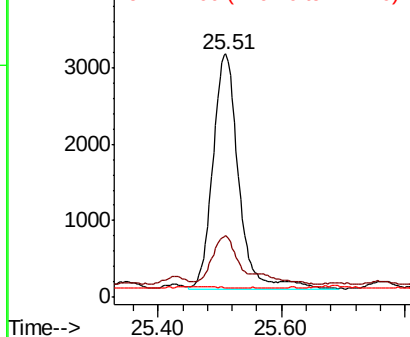


Abundance

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: 0.044 ng/ul
RT: 25.51 min Scan# 6145
Delta R.T. -0.01 min
Lab File: BN008280.D
Acq: 21 Oct 2019 13:24

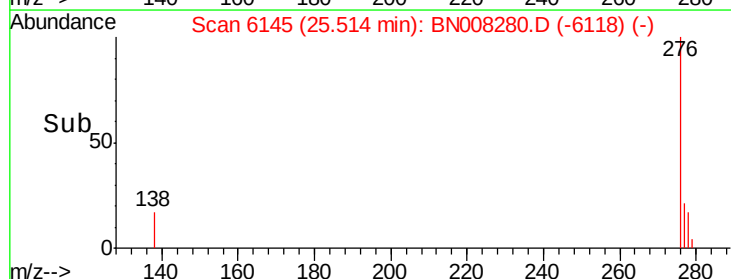
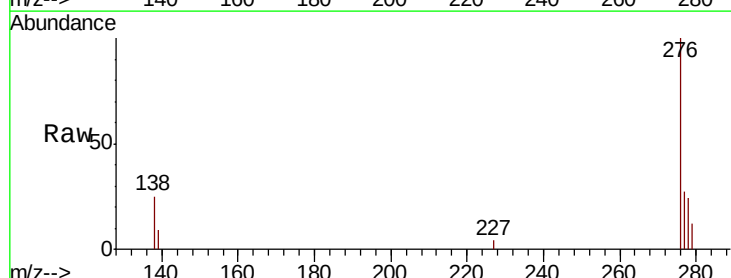
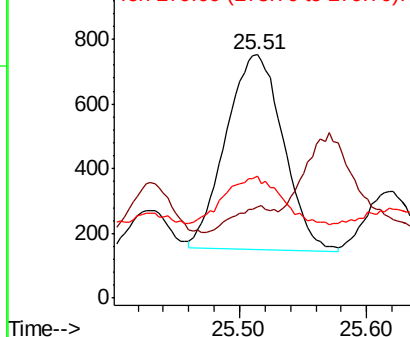
Tgt Ion	Ratio	Lower	Upper
278	100		
139	37.6	15.0	22.6
279	50.1	22.4	33.6

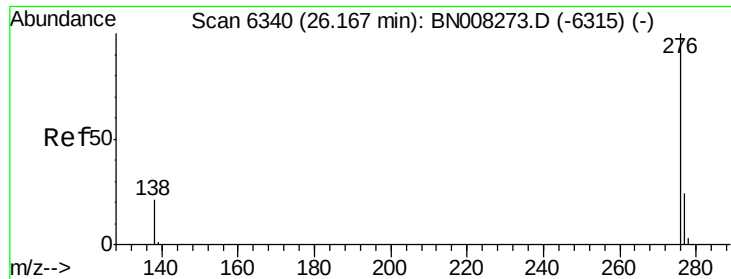
Abundance

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: 0.148 ng/ul
RT: 26.16 min Scan# 6339
Delta R.T. -0.00 min
Lab File: BN008280.D
Acq: 21 Oct 2019 13:24

Instrument :
BNA_N
ClientSampleId :
BEP78

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.1	17.0	25.4#
277	27.2	20.4	30.6

Manual Integrations
APPROVED

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