

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
 Data File : BN008426.D
 Acq On : 25 Oct 2019 14:39
 Operator : JU
 Sample : K5236-17DL 5X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPNODL

Manual Integrations
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Quant Time: Oct 25 15:20:36 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 : Fri Oct 25 13:14:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1771	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	9065	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	6126	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	13405	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	11384	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	9778	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	461	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	1877m	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.38	128	1801	0.070	ng/ul#	89
5) 2-Methylnaphthalene	12.02	142	1476	0.083	ng/ul	99
7) Acenaphthylene	13.93	152	13049	0.447	ng/ul	99
8) Acenaphthene	14.27	153	4231	0.186	ng/ul	98
9) Fluorene	15.26	166	9707	0.377	ng/ul	98
12) Phenanthrene	17.00	178	176890	4.507	ng/ul	99
13) Anthracene	17.09	178	31842	0.922	ng/ul	99
15) Fluoranthene	19.03	202	338888	6.538	ng/ul	100
17) Pyrene	19.39	202	264987	5.846	ng/ul	99
18) Benzo(a)anthracene	21.15	228	137154	3.314	ng/ul	98
19) Chrysene	21.20	228	132073	2.600	ng/ul	98
21) Benzo(b)fluoranthene	22.70	252	146394m	4.599	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	55692m	1.545	ng/ul	
23) Benzo(a)pyrene	23.24	252	95602	2.854	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.48	276	56929	1.443	ng/ul	100
25) Dibenzo(a,h)anthracene	25.49	278	14396	0.462	ng/ul	93
26) Benzo(a,h,i)perylene	26.14	276	51629	1.427	ng/ul	98

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

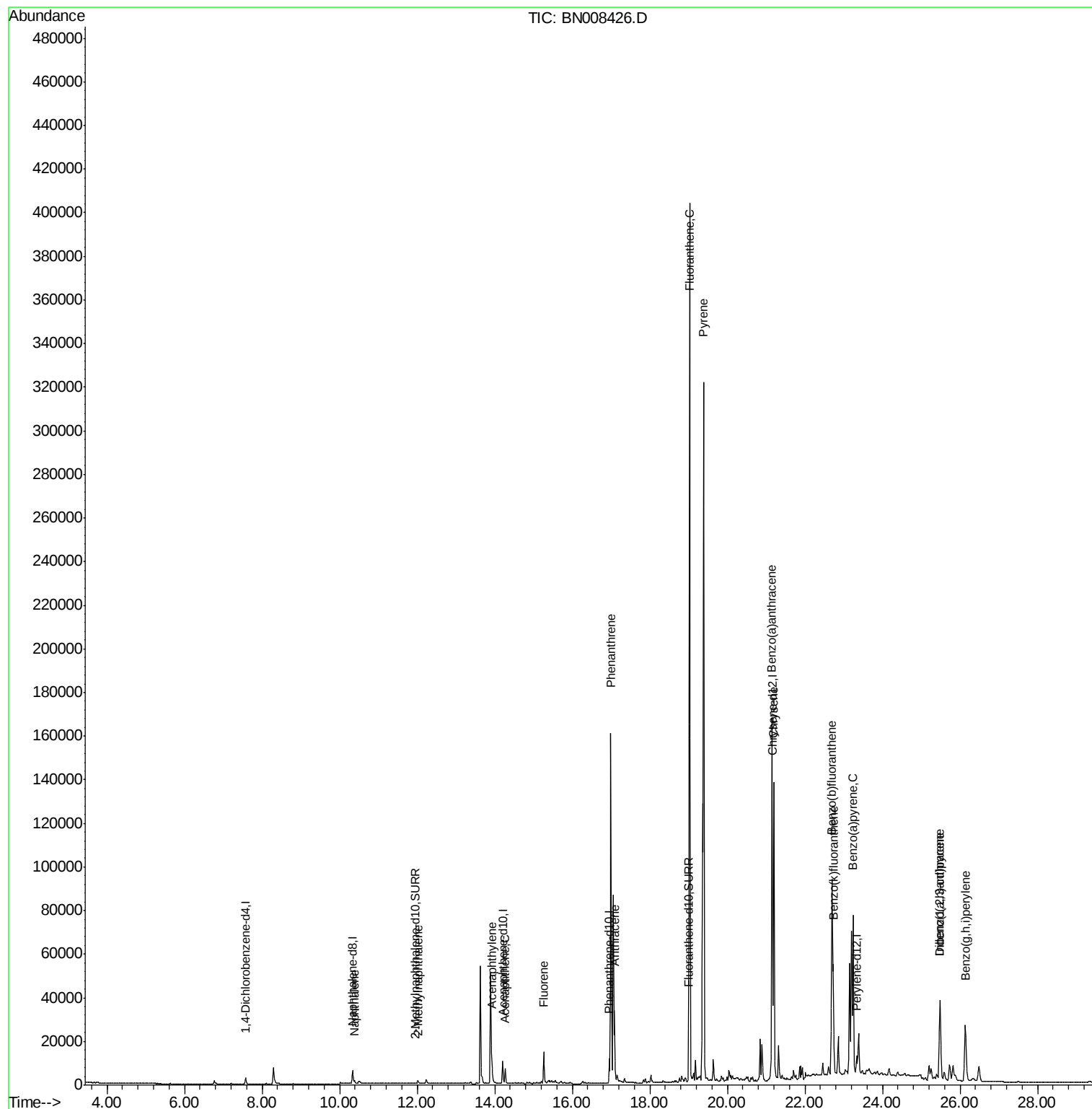
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
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ALS Vial : 48 Sample Multiplier: 1

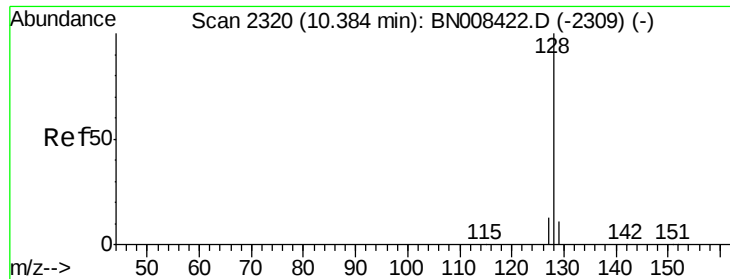
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Fri Oct 25 13:14:06 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.070 ng/ul

RT: 10.38 min Scan# 2320

Delta R.T. 0.00 min

Lab File: BN008426.D

Acq: 25 Oct 2019 14:39

Instrument :

BNA_N

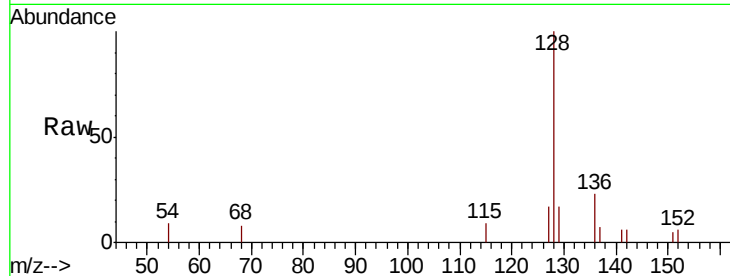
ClientSampleId :

BEPNODL

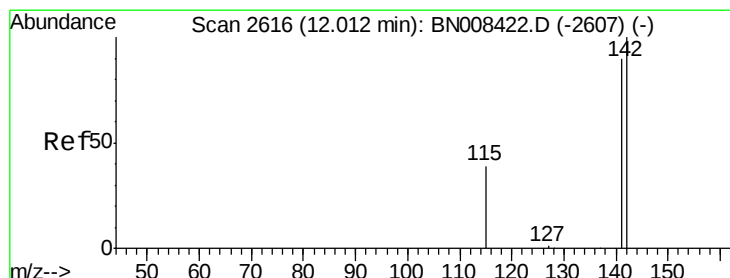
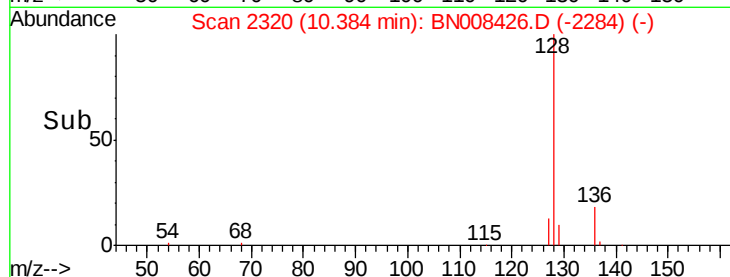
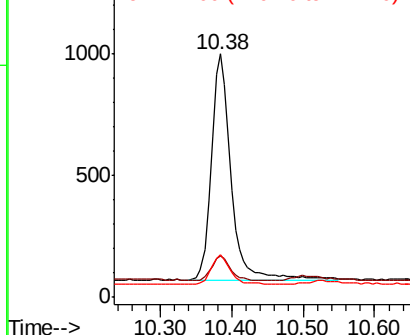
Tot Ion:	128	Resp:	1801
Ion Ratio	Lower	Upper	
128	100		
129	17.2	9.8	14.8#
127	17.4	11.1	16.7#

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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: 0.083 ng/ul

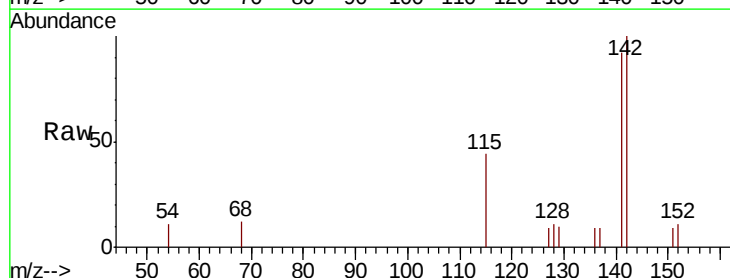
RT: 12.02 min Scan# 2617

Delta R.T. 0.01 min

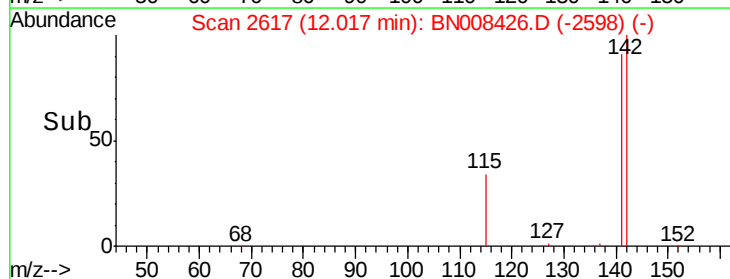
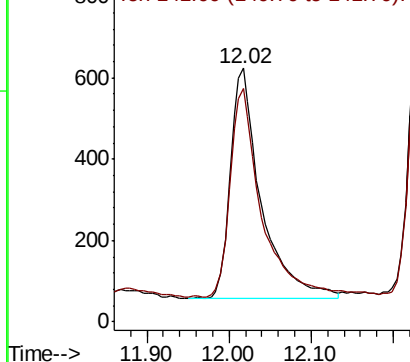
Lab File: BN008426.D

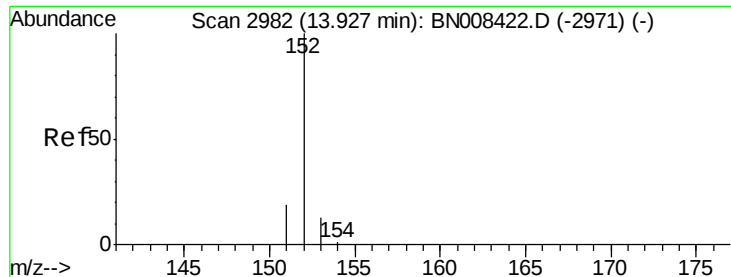
Acq: 25 Oct 2019 14:39

Tgt Ion:	142	Resp:	1476
Ion Ratio	Lower	Upper	
142	100		
141	90.6	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: 0.447 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. -0.00 min

Lab File: BN008426.D

Acq: 25 Oct 2019 14:39

Instrument :

BNA_N

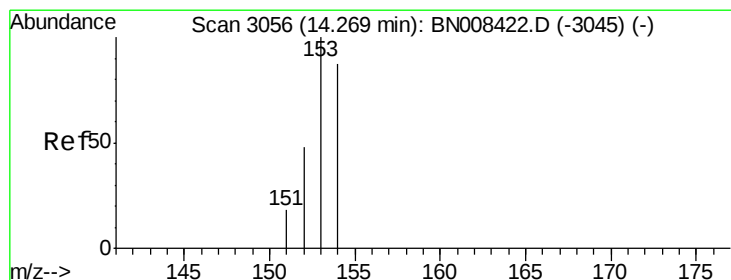
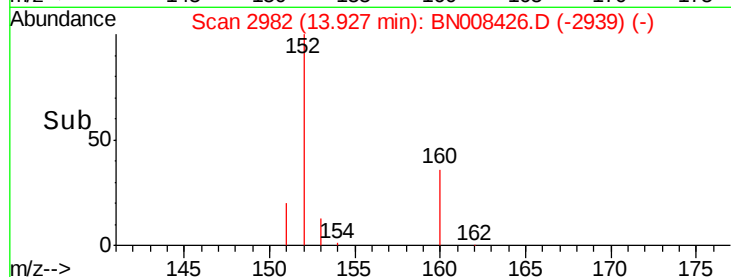
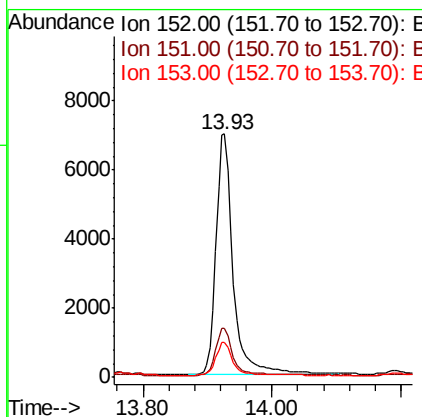
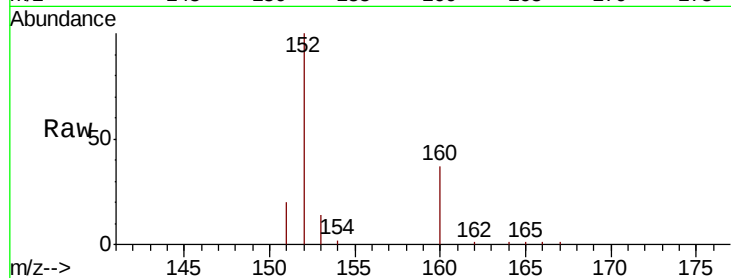
ClientSampleId :

BEPNODL

Tot Ion:	152	Resp:	13049
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.2	24.4
153	14.3	11.0	16.4

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#8

Acenaphthene

Concen: 0.186 ng/ul

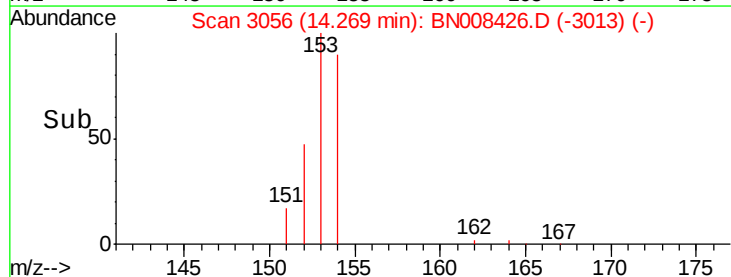
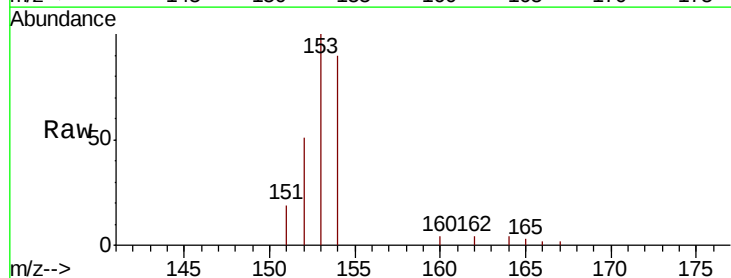
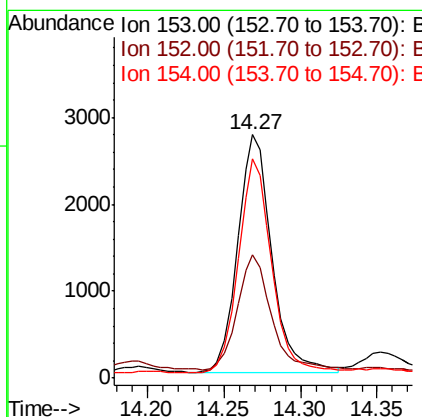
RT: 14.27 min Scan# 3056

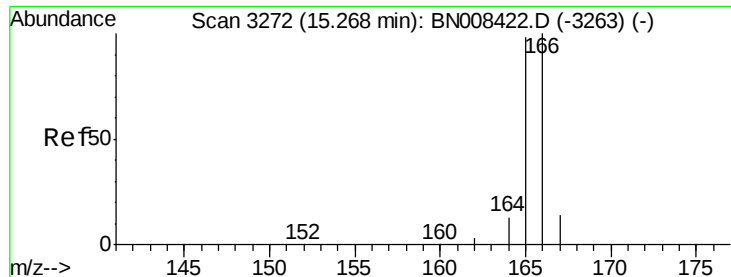
Delta R.T. -0.00 min

Lab File: BN008426.D

Acq: 25 Oct 2019 14:39

Tgt Ion:	153	Resp:	4231
Ion Ratio	Lower	Upper	
153	100		
152	50.9	38.2	57.2
154	89.9	71.8	107.8





#9

Fluorene

Concen: 0.377 ng/ul

RT: 15.26 min Scan# 3271

Delta R.T. -0.00 min

Lab File: BN008426.D

Acq: 25 Oct 2019 14:39

Instrument :

BNA_N

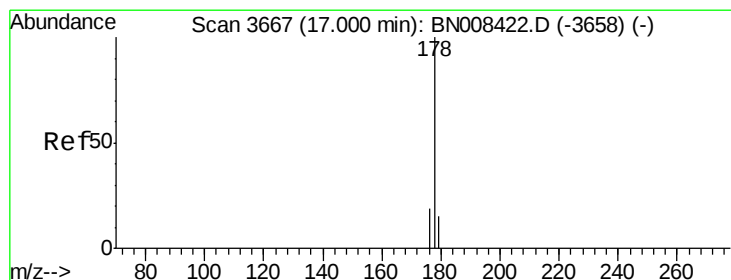
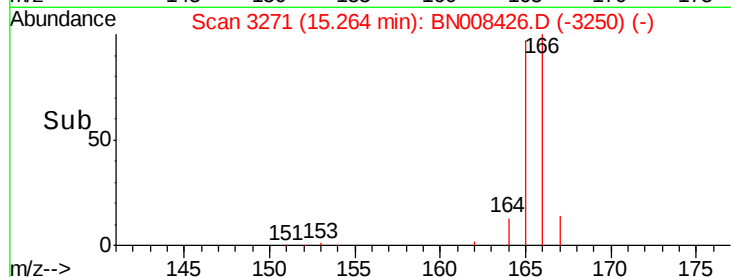
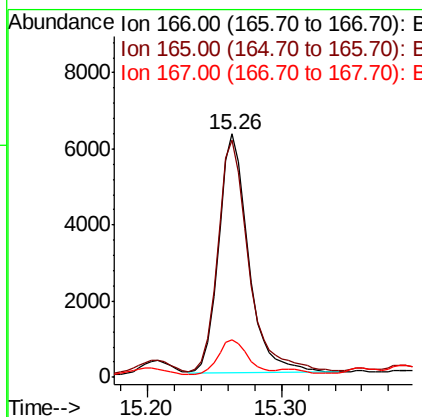
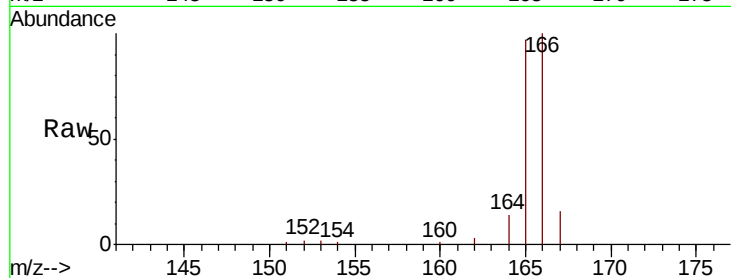
ClientSampleId :

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Tot Ion:	166	Resp:	9707
Ion Ratio	Lower	Upper	
166	100		
165	97.3	76.6	115.0
167	15.6	11.7	17.5

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#12

Phenanthrene

Concen: 4.507 ng/ul

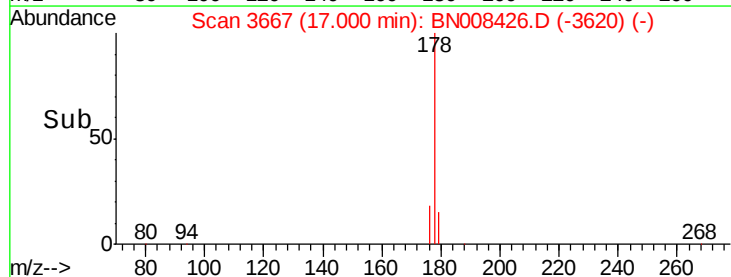
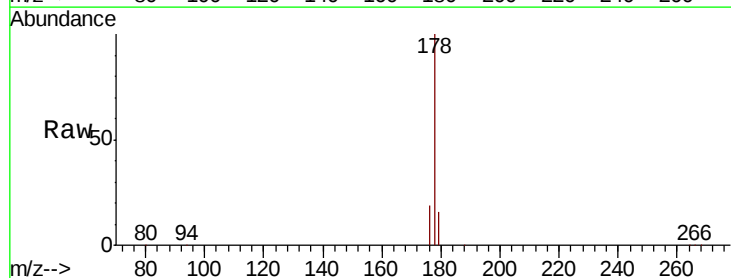
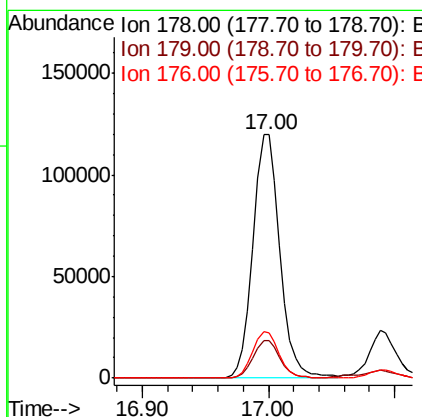
RT: 17.00 min Scan# 3667

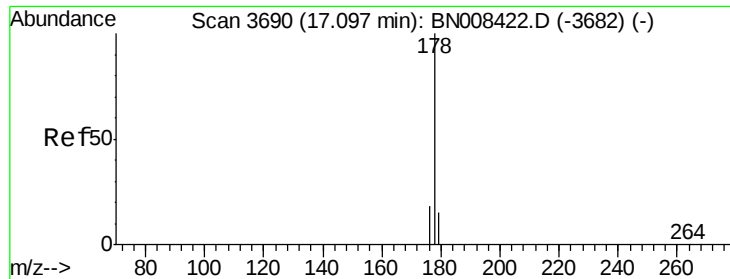
Delta R.T. -0.00 min

Lab File: BN008426.D

Acq: 25 Oct 2019 14:39

Tgt Ion:	178	Resp:	176890
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.8	19.2
176	18.5	15.4	23.2





#13

Anthracene

Concen: 0.922 ng/ul

RT: 17.09 min Scan# 3688

Delta R.T. -0.01 min

Lab File: BN008426.D

Acq: 25 Oct 2019 14:39

Instrument :

BNA_N

ClientSampleId :

BEPNODL

Tot Ion:178 Resp: 31842

Ion Ratio Lower Upper

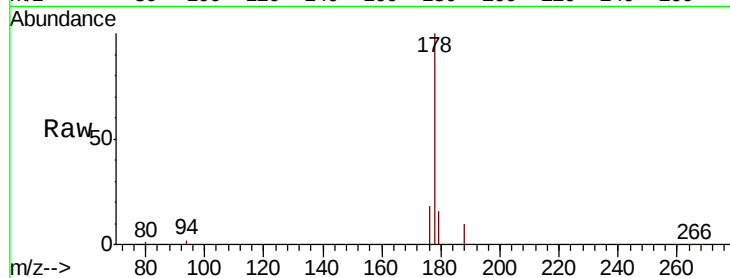
178 100

179 16.1 13.0 19.6

176 18.4 15.0 22.6

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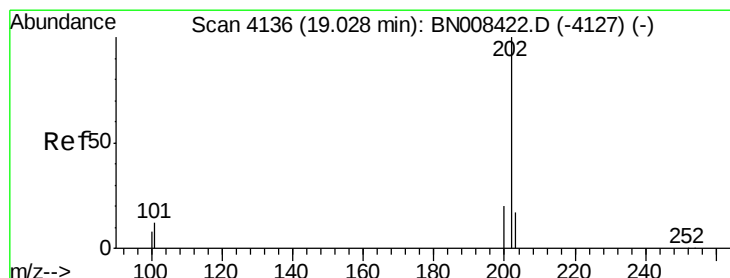
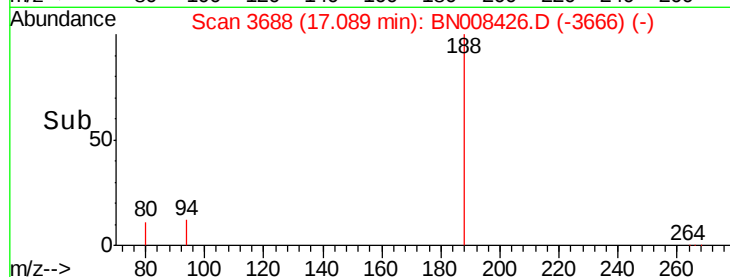
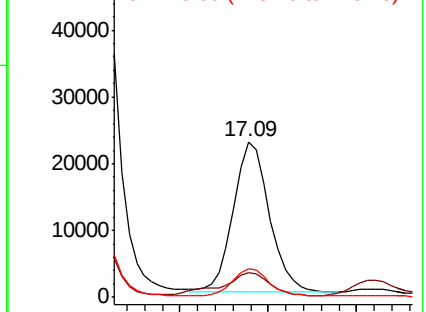


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 6.538 ng/ul

RT: 19.03 min Scan# 4136

Delta R.T. -0.00 min

Lab File: BN008426.D

Acq: 25 Oct 2019 14:39

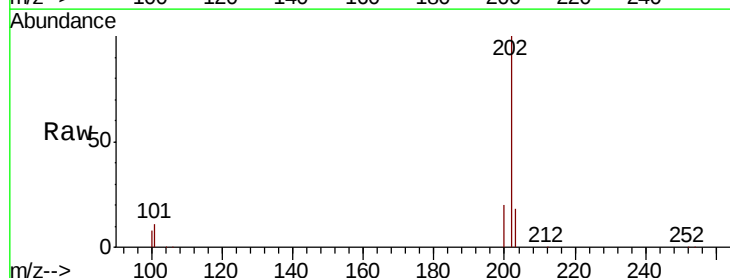
Tgt Ion:202 Resp: 338888

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.2

100 8.4 0.0 28.5

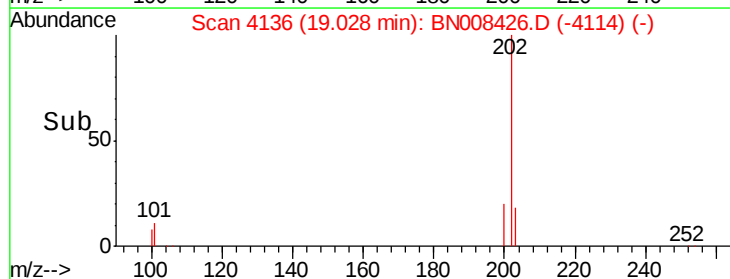
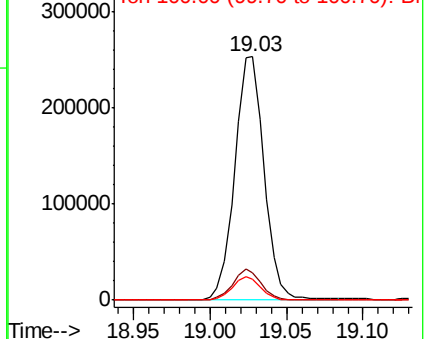


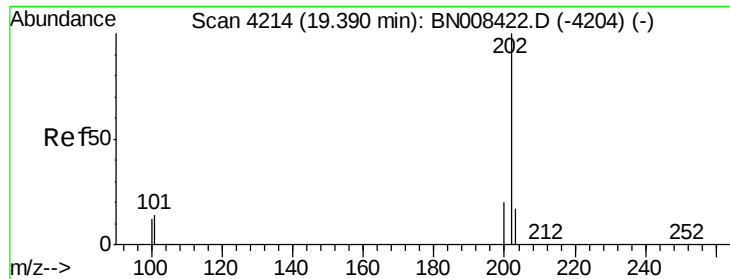
Abundance

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





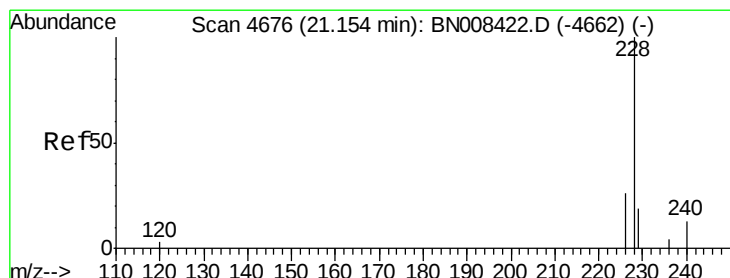
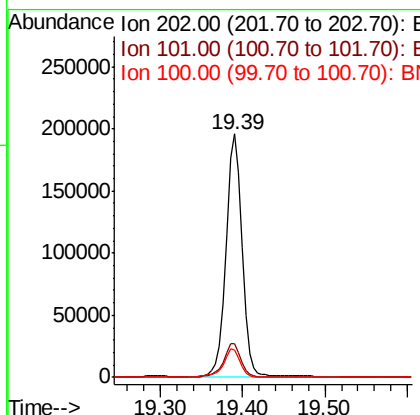
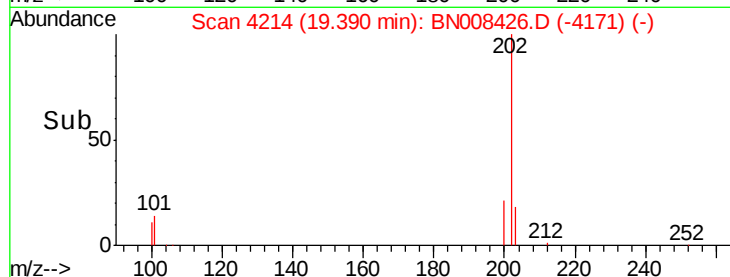
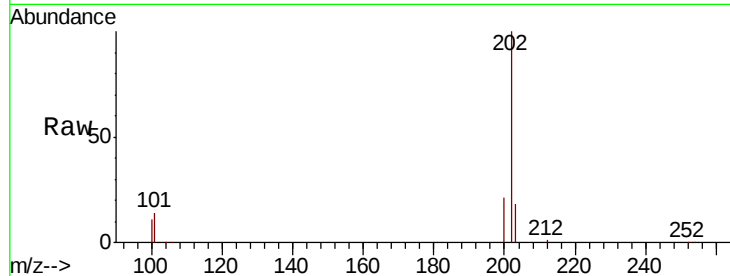
#17
Pvrene
Concen: 5.846 ng/ul
RT: 19.39 min Scan# 4214
Delta R.T. -0.00 min
Lab File: BN008426.D
Acq: 25 Oct 2019 14:39

Instrument :
BNA_N
ClientSampleId :
BEPNODL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.8	10.9	16.3
100	11.2	8.7	13.1

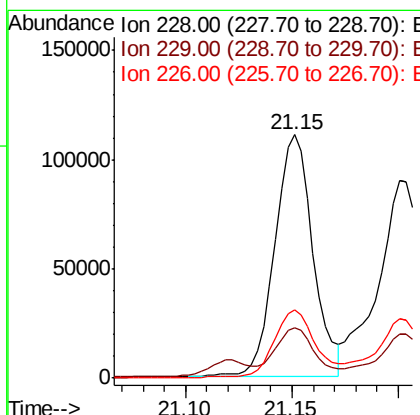
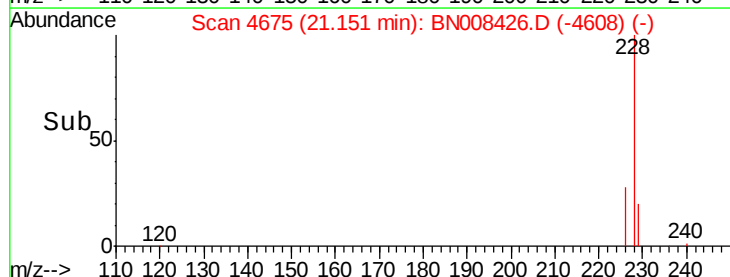
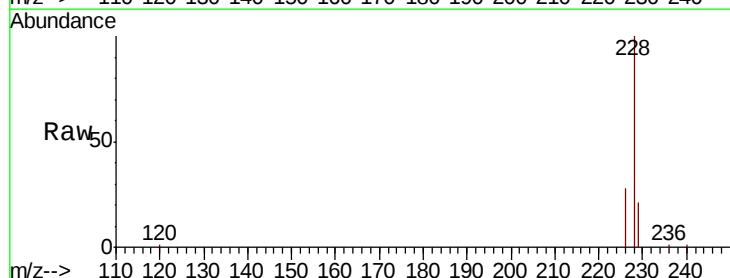
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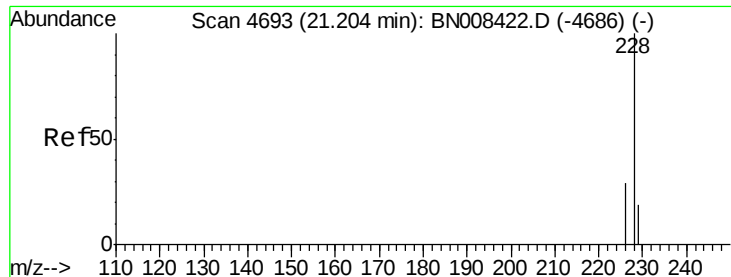
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#18
Benzo(a)anthracene
Concen: 3.314 ng/ul
RT: 21.15 min Scan# 4675
Delta R.T. -0.00 min
Lab File: BN008426.D
Acq: 25 Oct 2019 14:39

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.7	16.2	24.2
226	28.1	21.4	32.0





#19

Chrysene

Concen: 2.600 ng/ul

RT: 21.20 min Scan# 4692

Delta R.T. -0.00 min

Lab File: BN008426.D

Acq: 25 Oct 2019 14:39

Instrument :

BNA_N

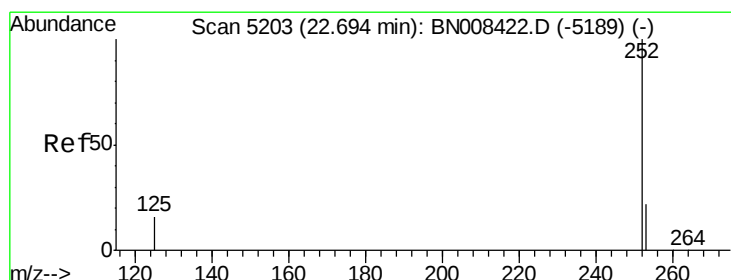
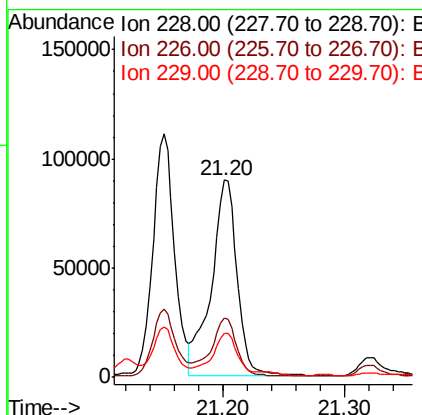
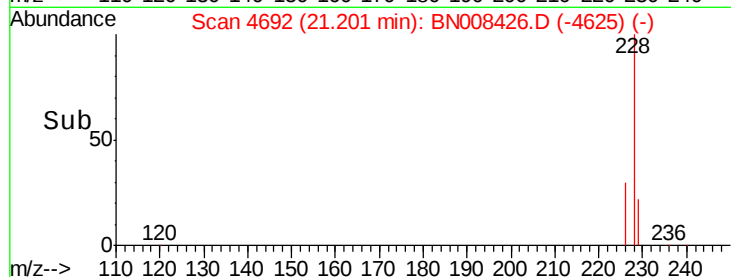
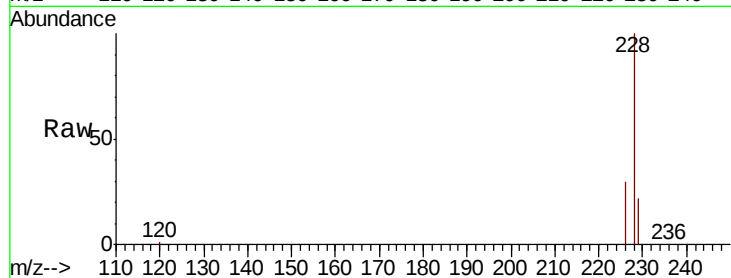
ClientSampleId :

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Tot Ion:	228	Resp:	132073
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.1	36.1
229	22.2	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 4.599 ng/ul m

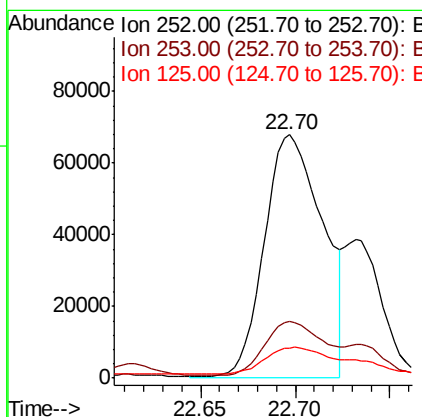
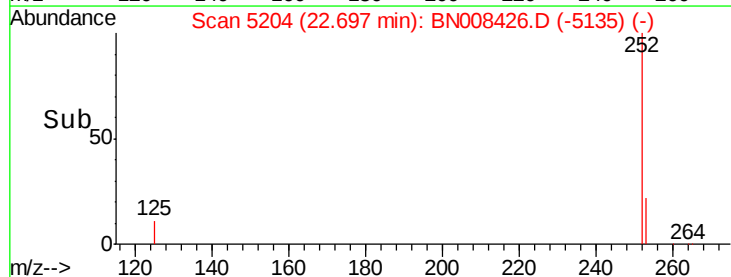
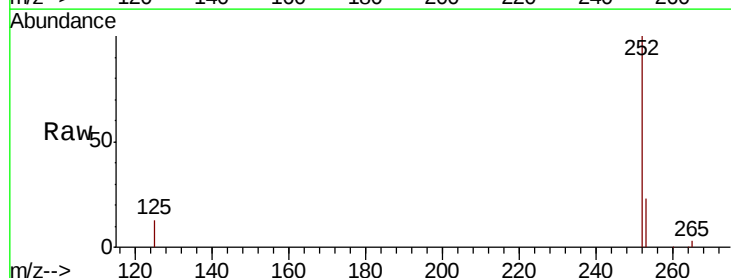
RT: 22.70 min Scan# 5204

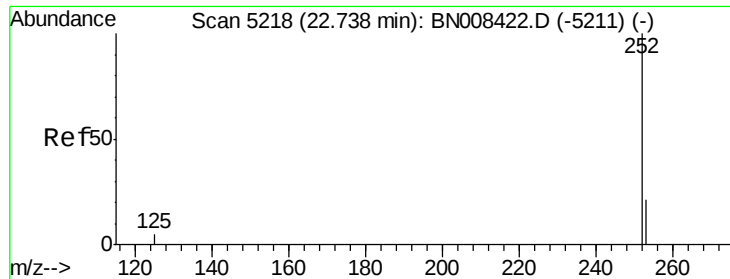
Delta R.T. 0.00 min

Lab File: BN008426.D

Acq: 25 Oct 2019 14:39

Tgt Ion:	252	Resp:	146394
Ion Ratio	Lower	Upper	
252	100		
253	23.3	0.0	53.4
125	12.5	0.0	32.4





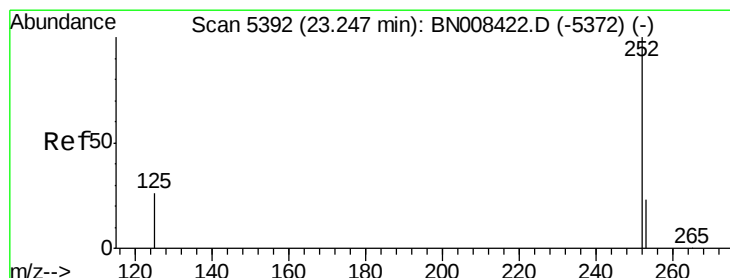
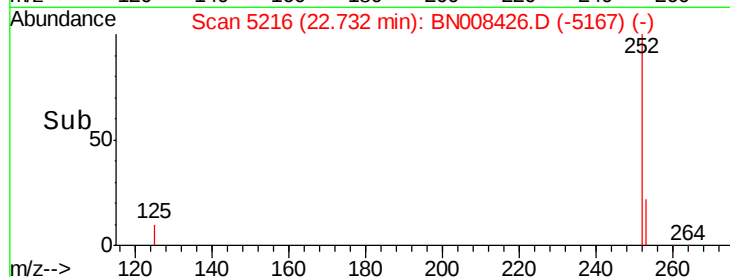
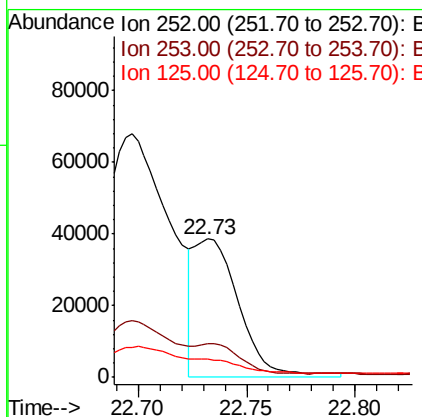
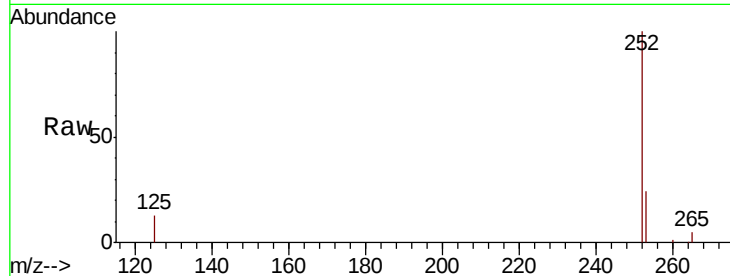
#22
Benzo(k)fluoranthene
Concen: 1.545 ng/ul m
RT: 22.73 min Scan# 5216
Delta R.T. -0.01 min
Lab File: BN008426.D
Acq: 25 Oct 2019 14:39

Instrument :
BNA_N
ClientSampleId :
BEPNODL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	21.3	31.9
125	13.2	12.3	18.5

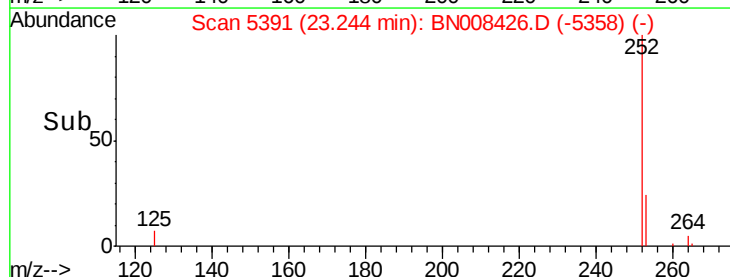
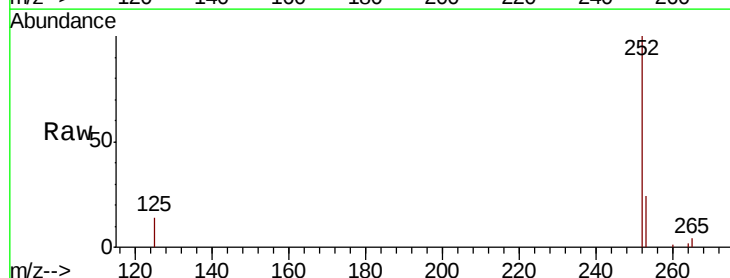
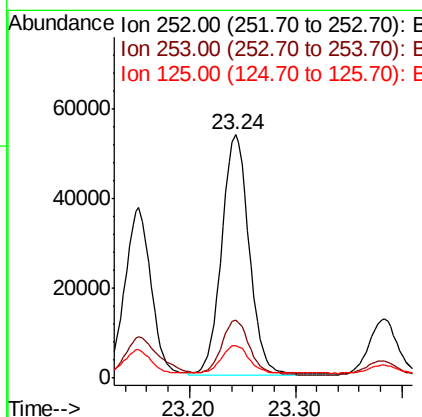
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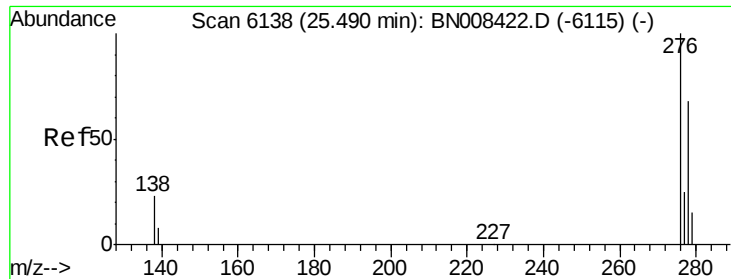
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#23
Benzo(a)pyrene
Concen: 2.854 ng/ul
RT: 23.24 min Scan# 5391
Delta R.T. -0.00 min
Lab File: BN008426.D
Acq: 25 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	22.8	34.2
125	13.6	18.4	27.6





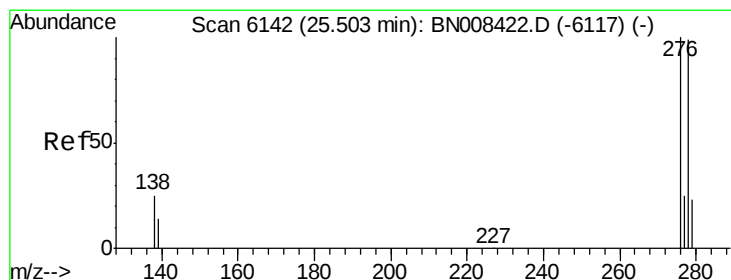
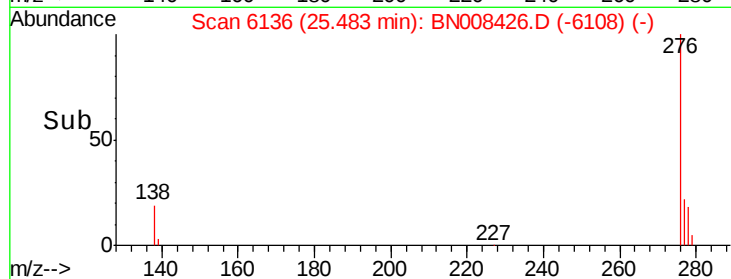
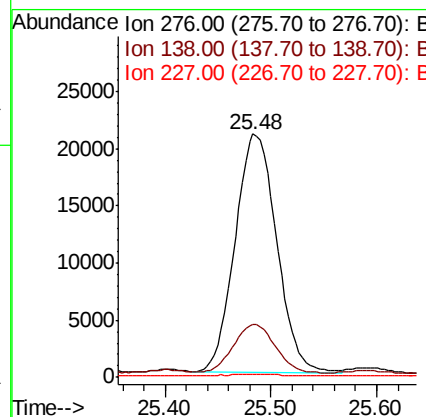
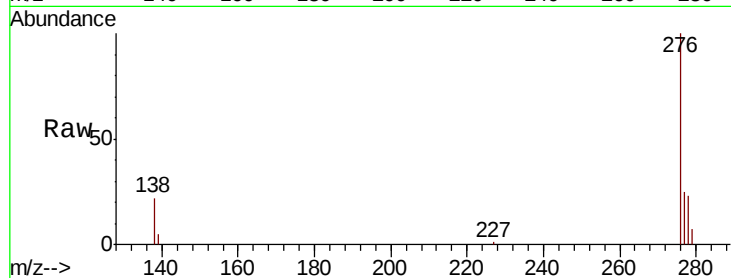
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.443 ng/ul
 RT: 25.48 min Scan# 6136
 Delta R.T. -0.01 min
 Lab File: BN008426.D
 Acq: 25 Oct 2019 14:39

Instrument :
 BNA_N
 ClientSampleId :
 BEPNODL

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.3	16.1	24.1
227	0.2	0.2	0.2

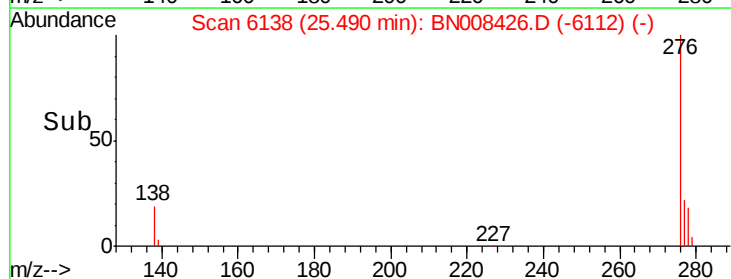
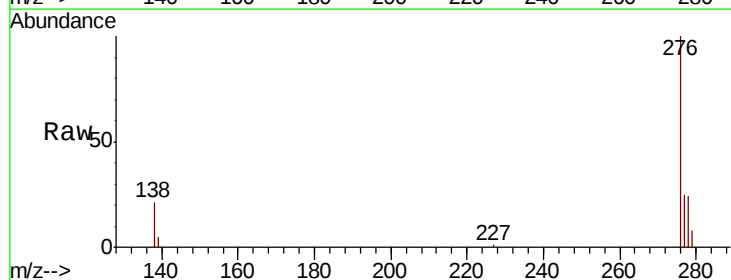
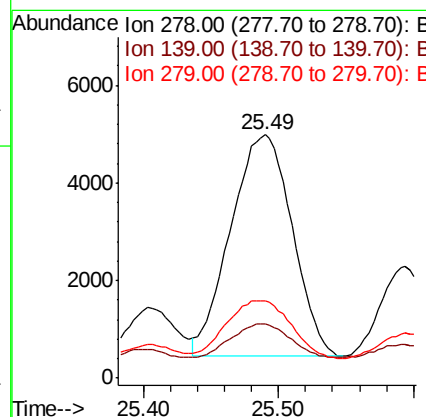
Manual Integrations
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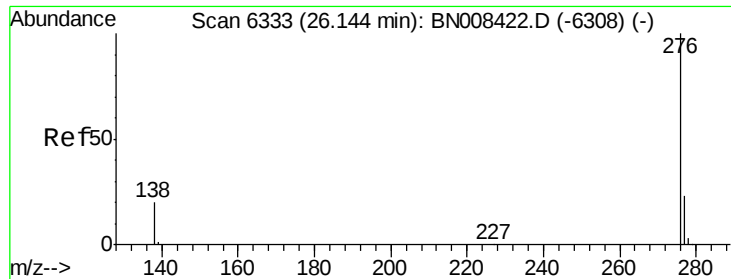
mohammad
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.462 ng/ul
 RT: 25.49 min Scan# 6138
 Delta R.T. -0.01 min
 Lab File: BN008426.D
 Acq: 25 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.2	15.0	22.6
279	31.5	22.4	33.6





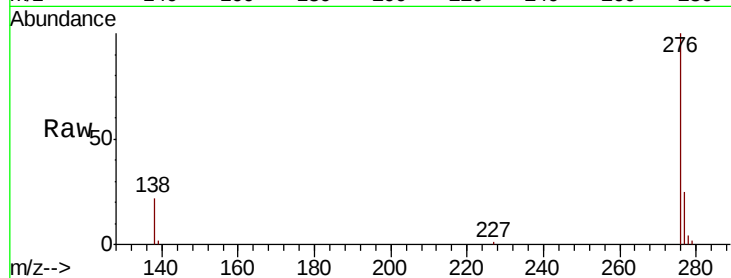
#26
 Benzo(a,h,i)perylene
 Concen: 1.427 ng/ul
 RT: 26.14 min Scan# 6332
 Delta R.T. -0.00 min
 Lab File: BN008426.D
 Acq: 25 Oct 2019 14:39

Instrument :
 BNA_N
 ClientSampleId :
 BEPNODL

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.0	17.0	25.4
277	24.6	20.4	30.6

Manual Integrations
 APPROVED

mohammad
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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

