

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
 Data File : BN008409.D
 Acq On : 25 Oct 2019 03:57
 Operator : JU
 Sample : K5236-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPL5

Manual Integrations
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Quant Time: Oct 25 11:49:22 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 00:45:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1500	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	7306	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	4850	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	11357	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	11797	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	10569	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	1803	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	6500	0.17	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.38	128	4212	0.203	ng/ul	97
5) 2-Methylnaphthalene	12.01	142	2917	0.204	ng/ul	100
7) Acenaphthylene	13.92	152	19925	0.863	ng/ul	100
8) Acenaphthene	14.27	153	2237	0.125	ng/ul	96
9) Fluorene	15.26	166	3960	0.194	ng/ul#	96
12) Phenanthrene	17.00	178	104849	3.153	ng/ul	99
13) Anthracene	17.09	178	22444	0.767	ng/ul	98
15) Fluoranthene	19.03	202	256306	5.836	ng/ul	100
17) Pyrene	19.39	202	209876	4.468	ng/ul	99
18) Benzo(a)anthracene	21.15	228	122836	2.864	ng/ul	96
19) Chrysene	21.20	228	130921	2.487	ng/ul	97
21) Benzo(b)fluoranthene	22.69	252	169404m	4.924	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	66243m	1.700	ng/ul	
23) Benzo(a)pyrene	23.24	252	107534	2.970	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.49	276	78427	1.839	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.49	278	18800	0.558	ng/ul#	84
26) Benzo(a,h,i)perylene	26.14	276	83726	2.141	ng/ul	98

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

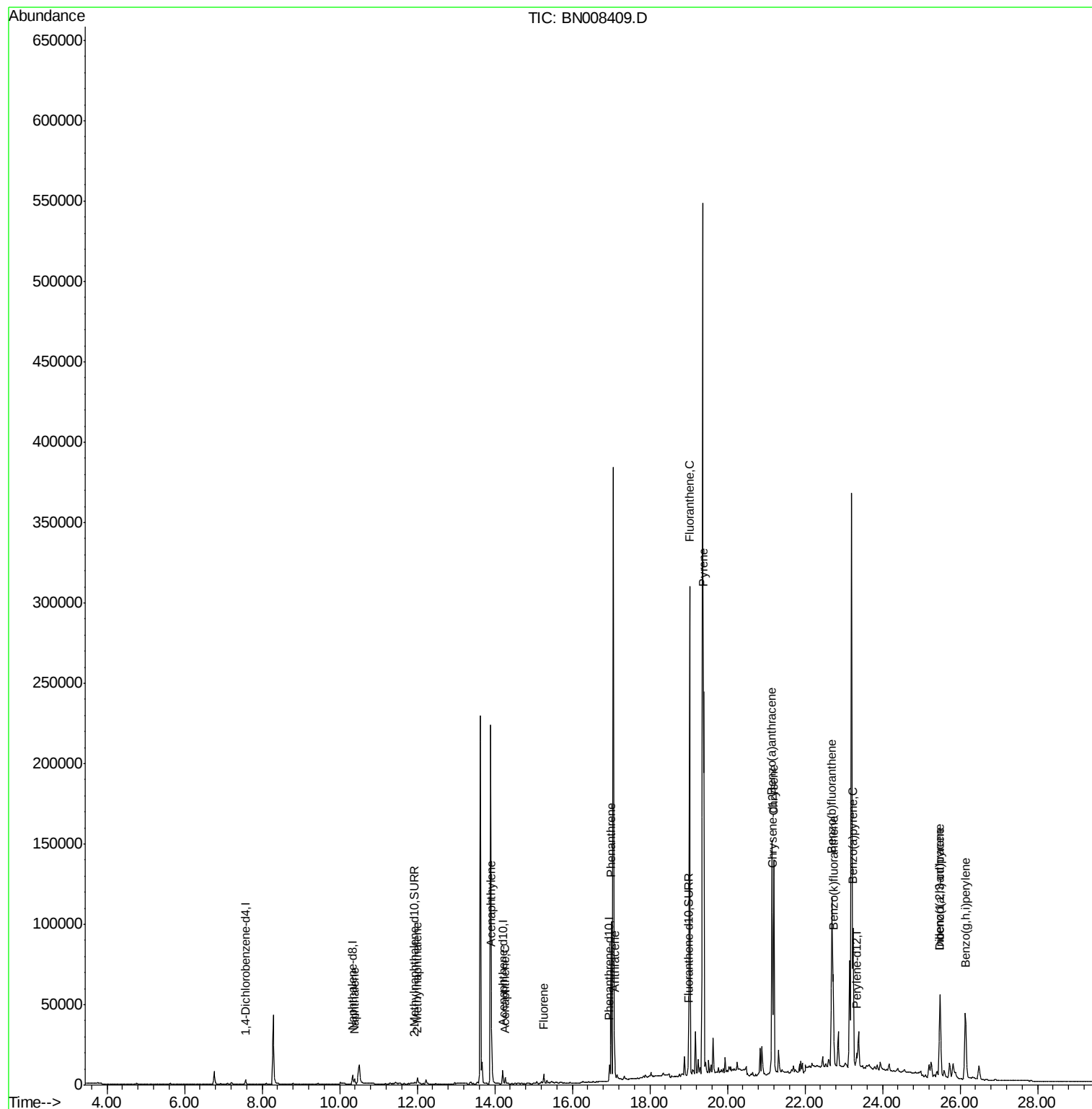
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
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Sample : K5236-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

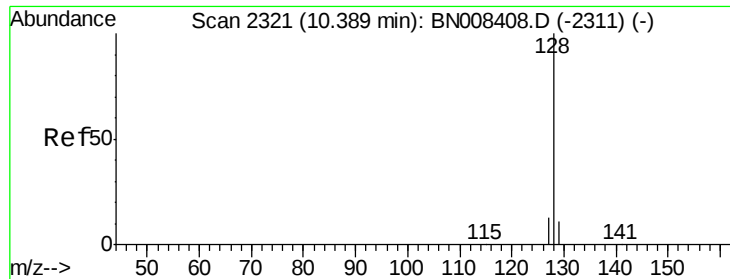
Instrument :
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Quant Time: Oct 25 11:49:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 25 00:45:13 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.203 ng/ul

RT: 10.38 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BN008409.D

Acq: 25 Oct 2019 03:57

Instrument :

BNA_N

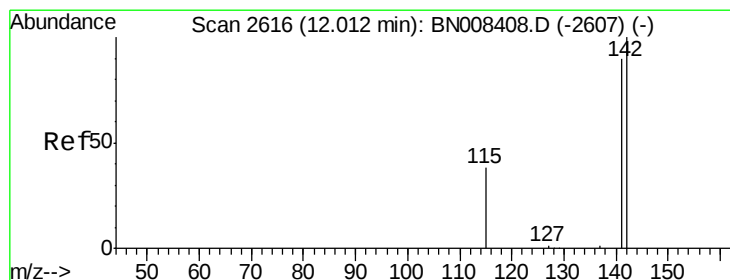
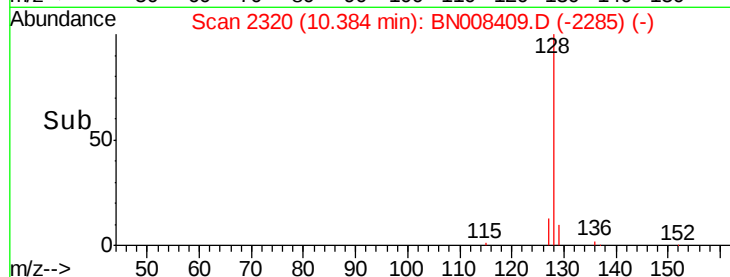
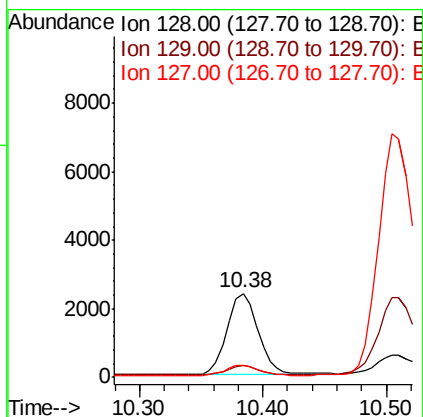
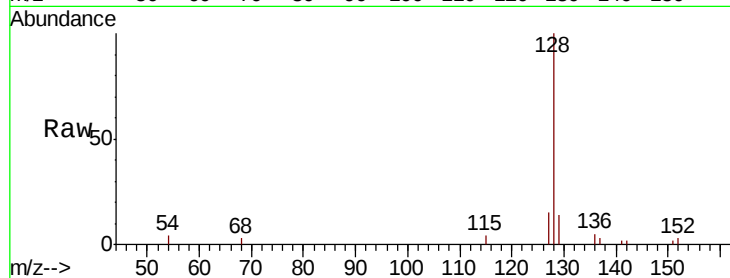
ClientSampleId :

BEPL5

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.8	9.8	14.8
127	14.7	11.1	16.7

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#5

2-Methylnaphthalene

Concen: 0.204 ng/ul

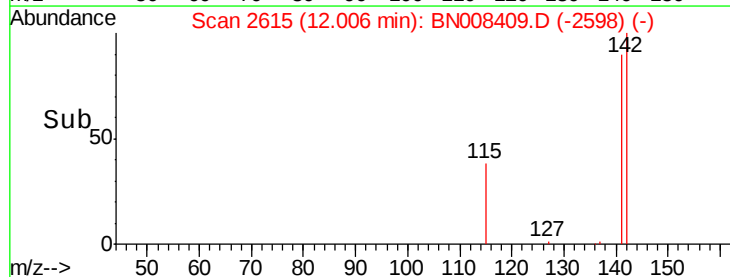
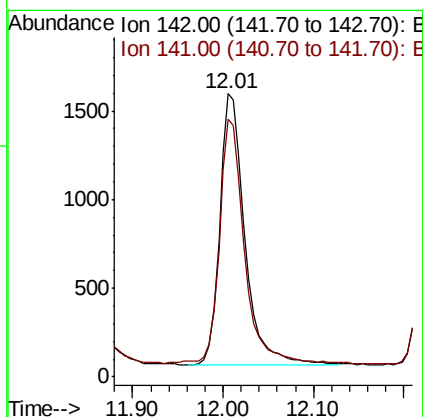
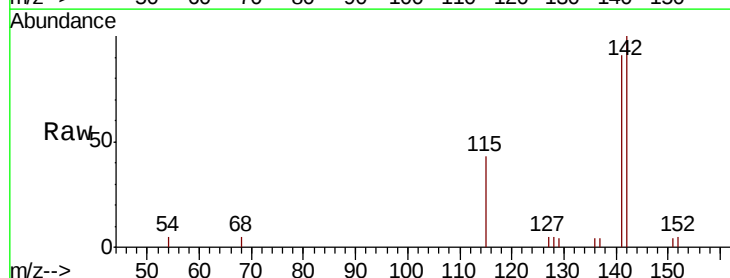
RT: 12.01 min Scan# 2615

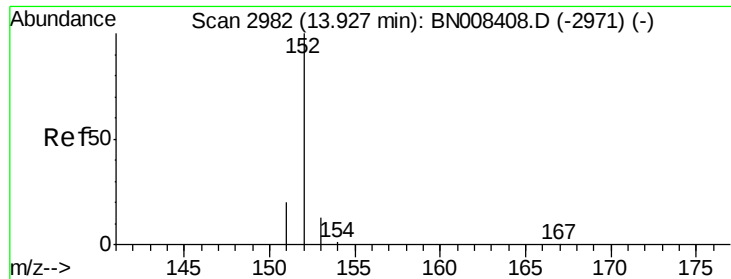
Delta R.T. -0.01 min

Lab File: BN008409.D

Acq: 25 Oct 2019 03:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.2





#7

Acenaphthylene

Concen: 0.863 ng/ul

RT: 13.92 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BN008409.D

Acq: 25 Oct 2019 03:57

Instrument :

BNA_N

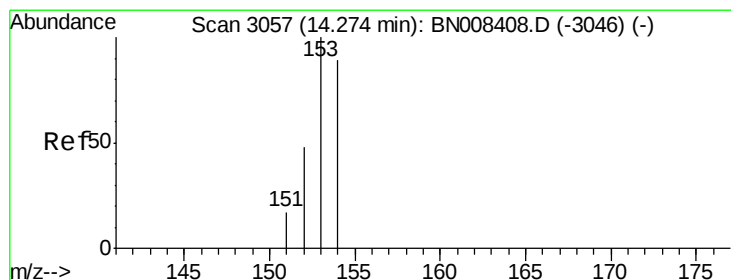
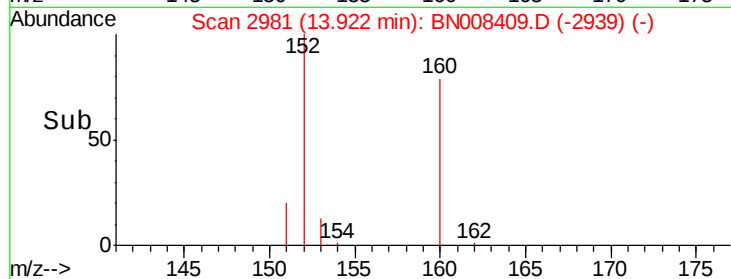
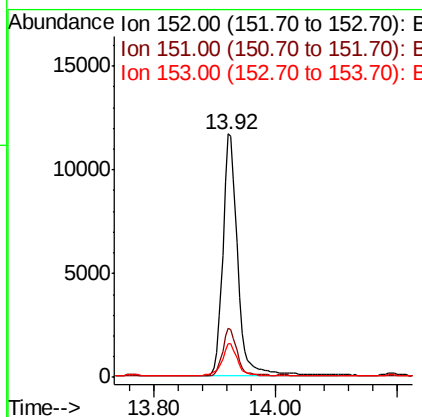
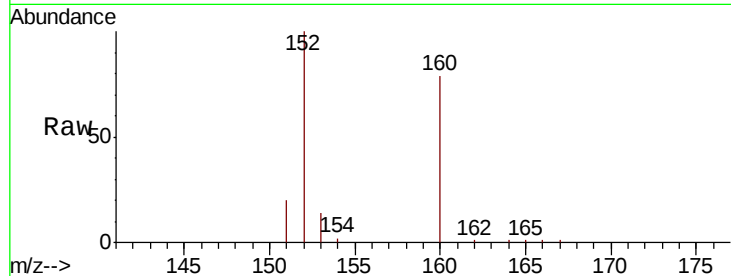
ClientSampleId :

BEPL5

Tot Ion	152	Resp	19925
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	13.9	11.0	16.4

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#8

Acenaphthene

Concen: 0.125 ng/ul

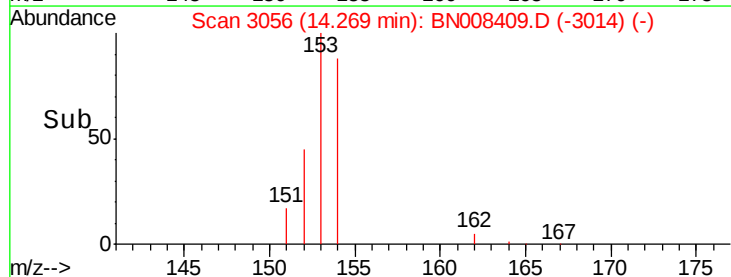
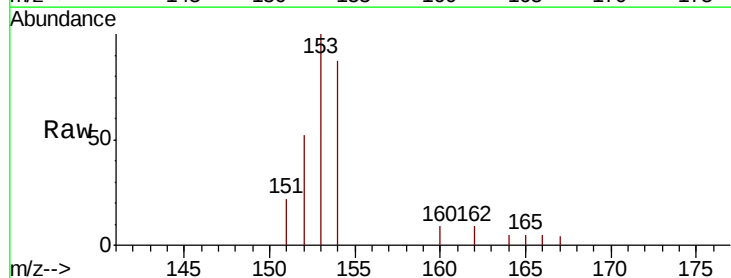
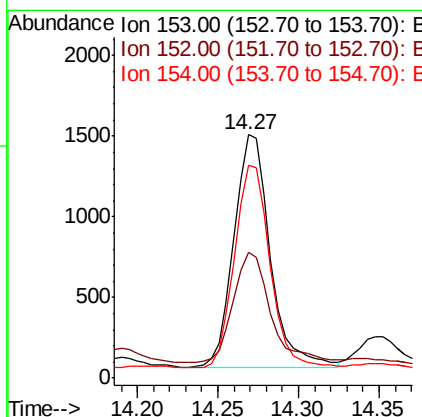
RT: 14.27 min Scan# 3056

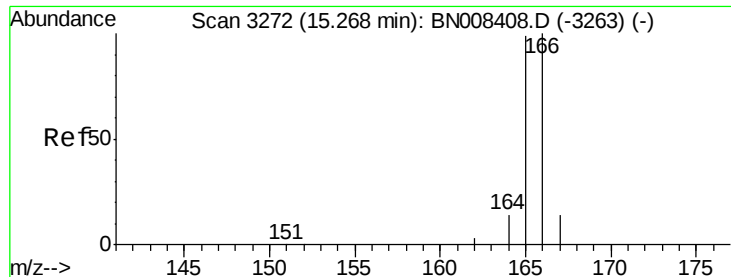
Delta R.T. -0.00 min

Lab File: BN008409.D

Acq: 25 Oct 2019 03:57

Tgt Ion	153	Resp	2237
Ion	Ratio	Lower	Upper
153	100		
152	51.8	38.2	57.2
154	87.5	71.8	107.8





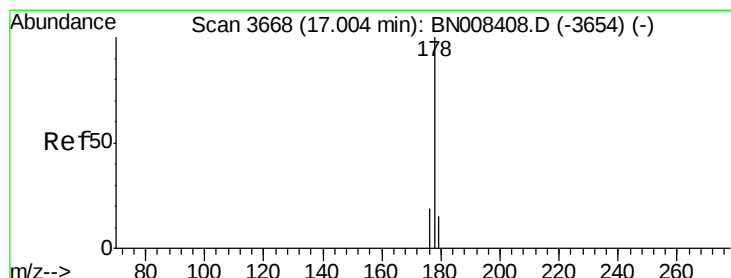
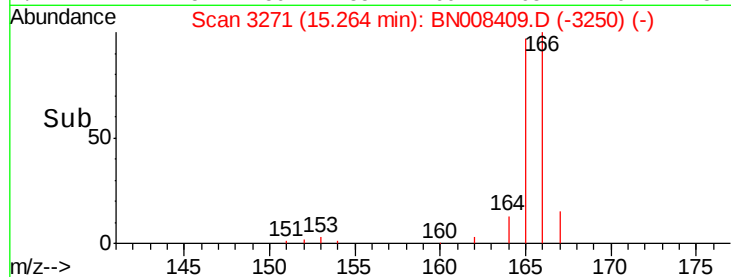
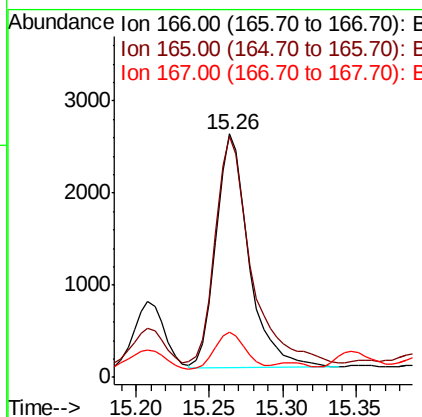
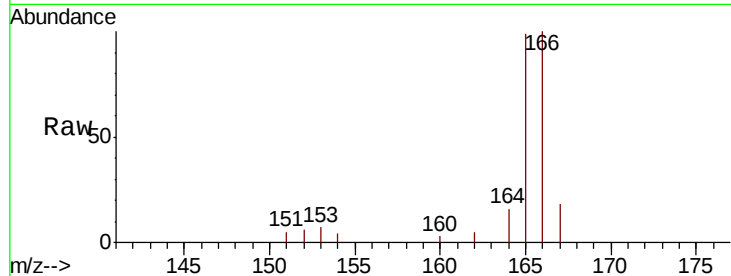
#9
Fluorene
 Concen: 0.194 ng/ul
 RT: 15.26 min Scan# 3271
 Delta R.T. -0.00 min
 Lab File: BN008409.D
 Acq: 25 Oct 2019 03:57

Instrument :
 BNA_N
 ClientSampleId :
 BEPL5

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.2	76.6	115.0
167	18.3	11.7	17.5

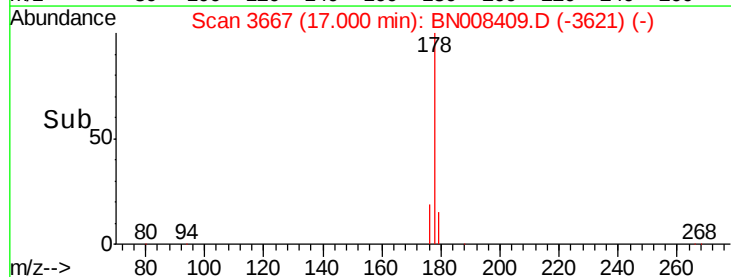
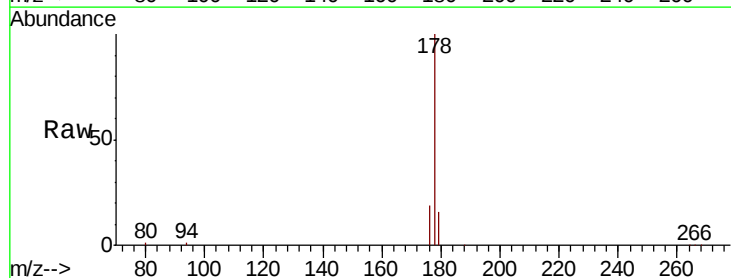
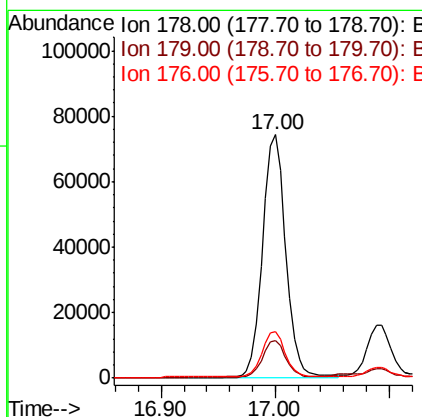
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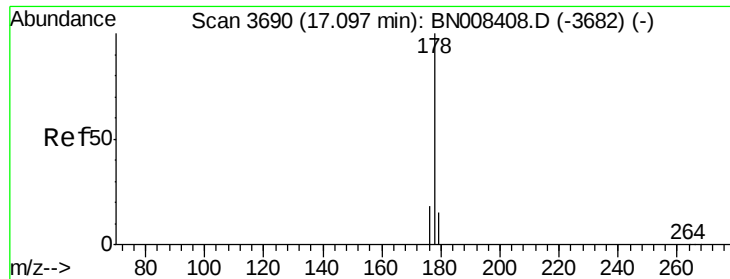
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#12
Phenanthrene
 Concen: 3.153 ng/ul
 RT: 17.00 min Scan# 3667
 Delta R.T. -0.00 min
 Lab File: BN008409.D
 Acq: 25 Oct 2019 03:57

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	19.1	15.4	23.2





#13

Anthracene

Concen: 0.767 ng/ul

RT: 17.09 min Scan# 3689

Delta R.T. -0.00 min

Lab File: BN008409.D

Acq: 25 Oct 2019 03:57

Instrument :

BNA_N

ClientSampleId :

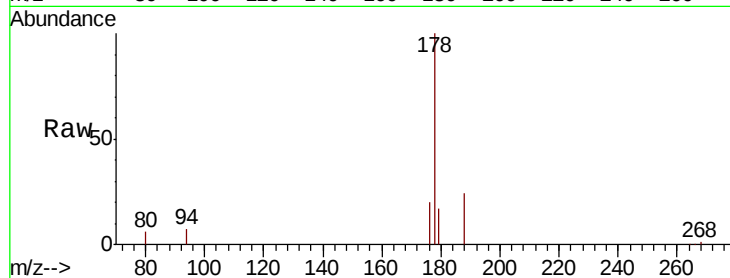
BEPL5

Tot Ion:178 Resp: 22444

Ion	Ratio	Lower	Upper
178	100		
179	17.0	13.0	19.6
176	19.7	15.0	22.6

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Abundance

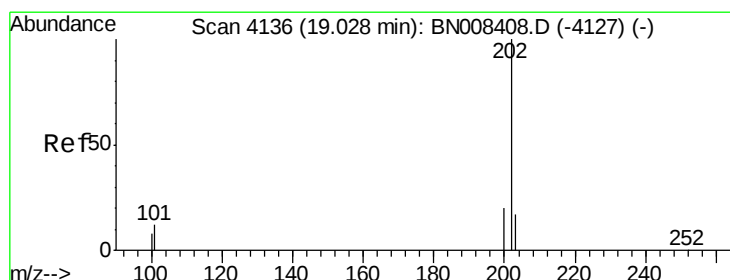
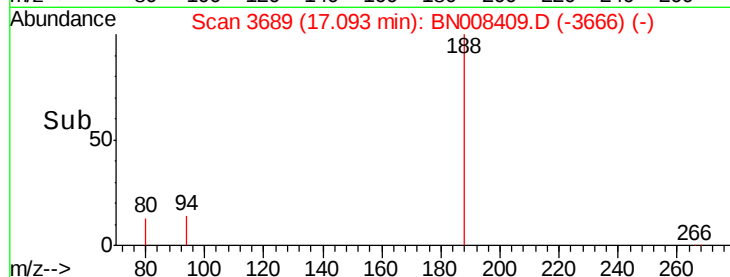
Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

17.09

Time-->



#15

Fluoranthene

Concen: 5.836 ng/ul

RT: 19.03 min Scan# 4136

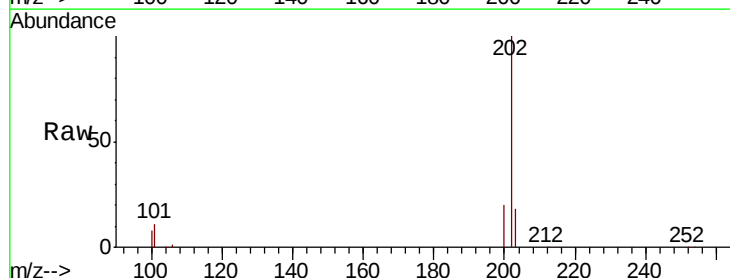
Delta R.T. -0.00 min

Lab File: BN008409.D

Acq: 25 Oct 2019 03:57

Tgt Ion:202 Resp: 256306

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.2
100	8.4	0.0	28.5



Abundance

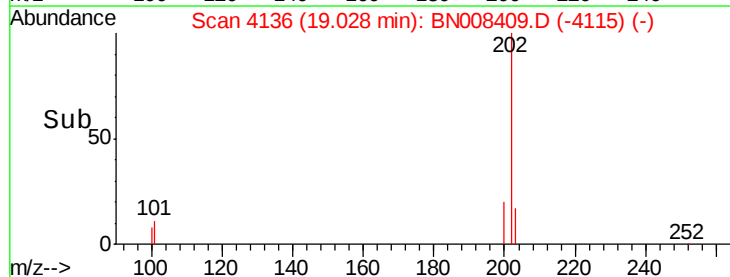
Ion 202.00 (201.70 to 202.70): E

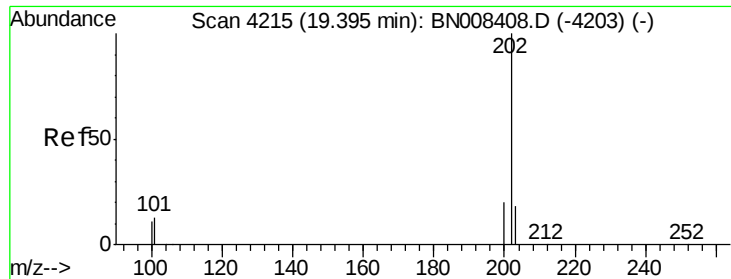
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.03

Time-->





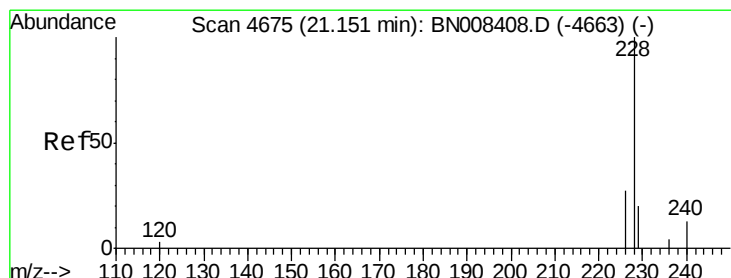
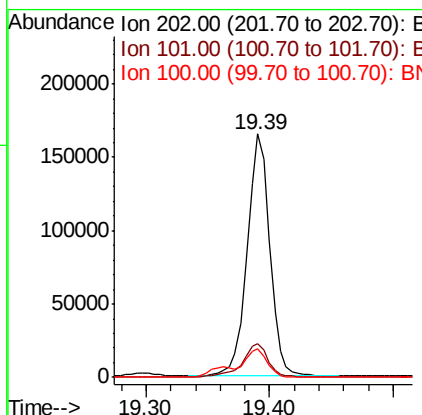
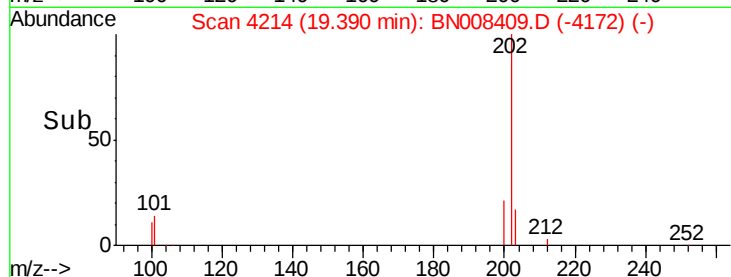
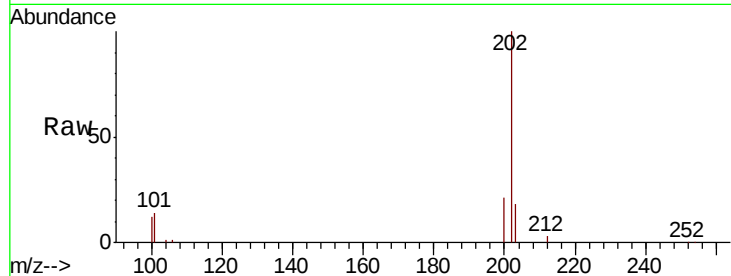
#17
Pvrene
Concen: 4.468 ng/ul
RT: 19.39 min Scan# 4214
Delta R.T. -0.00 min
Lab File: BN008409.D
Acq: 25 Oct 2019 03:57

Instrument :
BNA_N
ClientSampleId :
BEPL5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.1	10.9	16.3
100	11.5	8.7	13.1

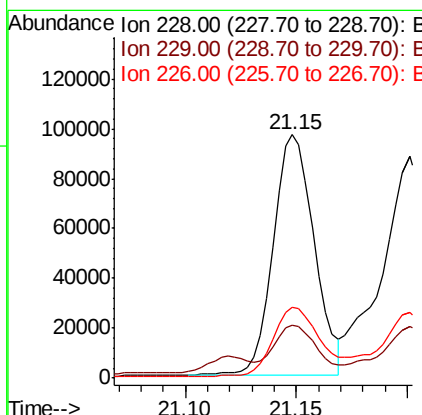
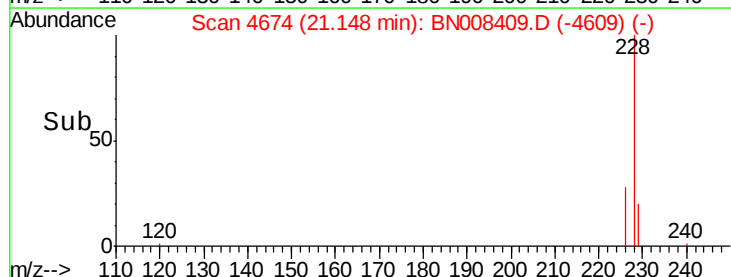
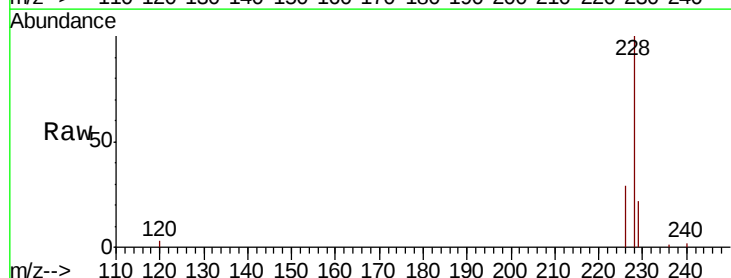
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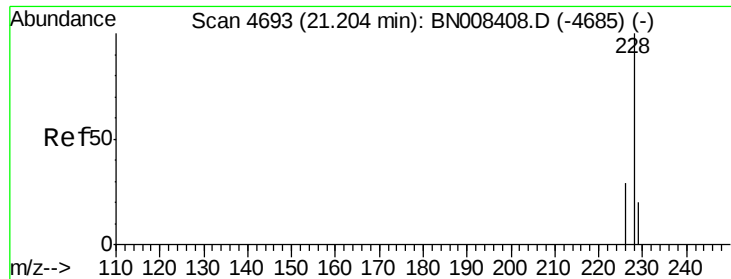
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#18
Benzo(a)anthracene
Concen: 2.864 ng/ul
RT: 21.15 min Scan# 4674
Delta R.T. -0.01 min
Lab File: BN008409.D
Acq: 25 Oct 2019 03:57

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.9	16.2	24.2
226	29.0	21.4	32.0





#19

Chrysene

Concen: 2.487 ng/ul

RT: 21.20 min Scan# 4692

Delta R.T. -0.01 min

Lab File: BN008409.D

Acq: 25 Oct 2019 03:57

Instrument :

BNA_N

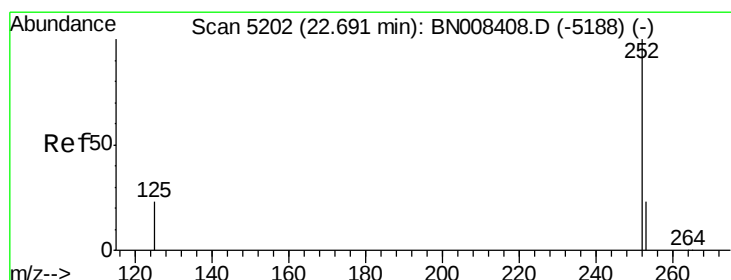
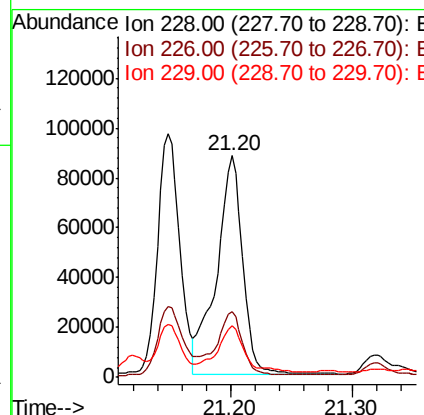
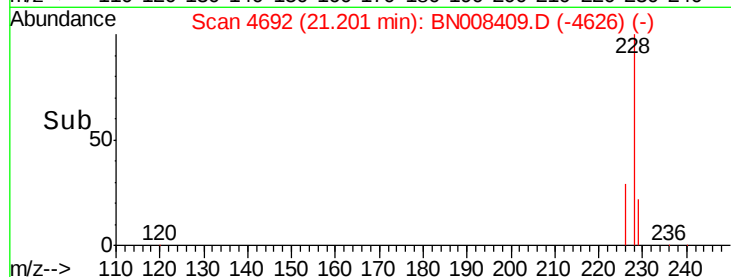
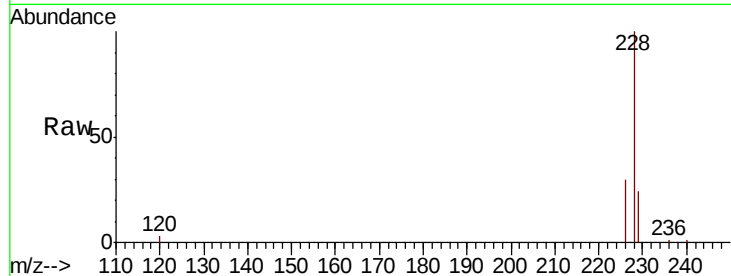
ClientSampleId :

BEPL5

Tot Ion:	228	Resp:	130921
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.1	36.1
229	23.6	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 4.924 ng/ul m

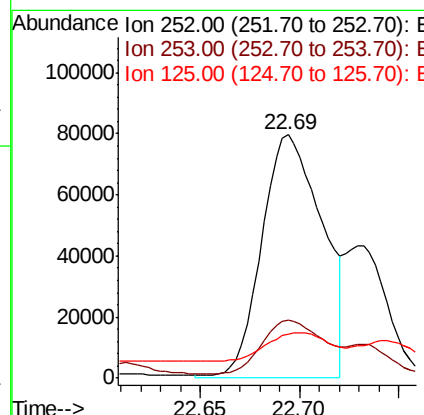
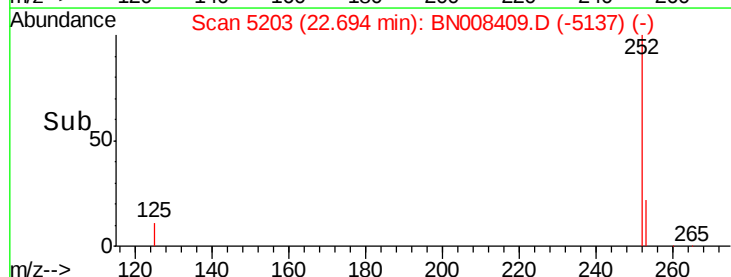
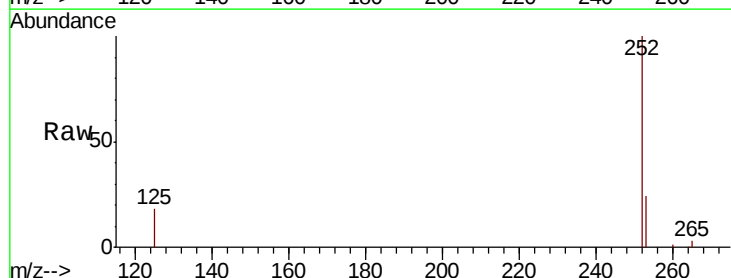
RT: 22.69 min Scan# 5203

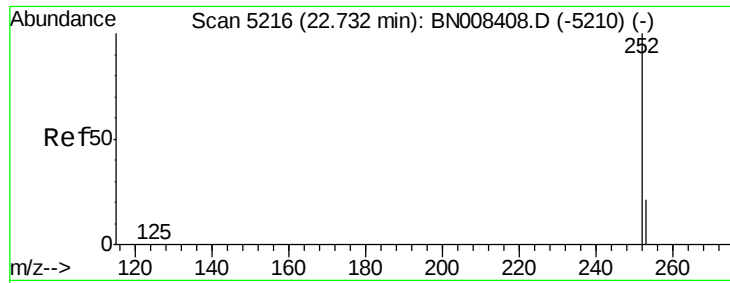
Delta R.T. -0.01 min

Lab File: BN008409.D

Acq: 25 Oct 2019 03:57

Tgt Ion:	252	Resp:	169404
Ion Ratio	Lower	Upper	
252	100		
253	23.8	0.0	53.4
125	18.1	0.0	32.4





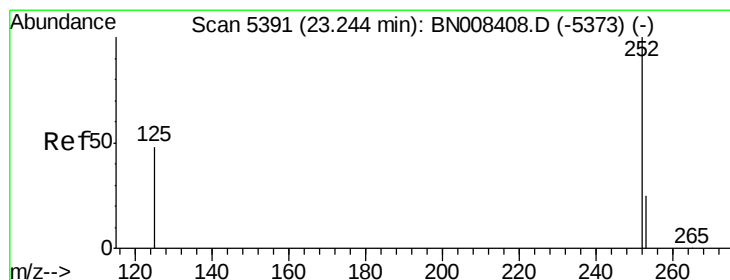
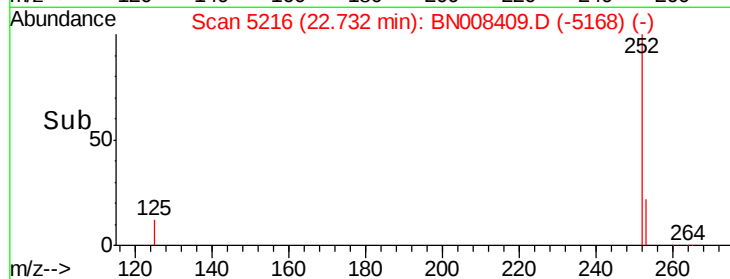
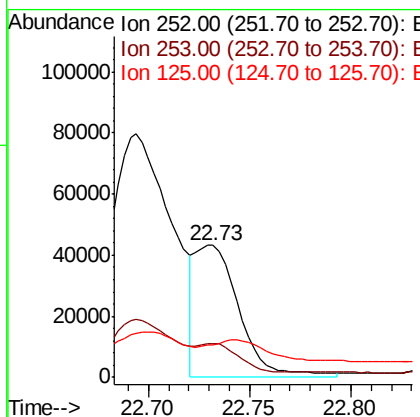
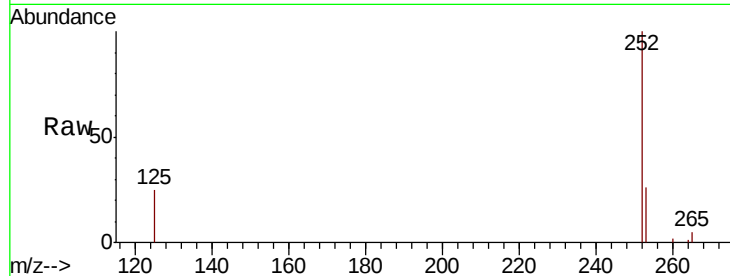
#22
Benzo(k)fluoranthene
Concen: 1.700 ng/ul m
RT: 22.73 min Scan# 5216
Delta R.T. -0.01 min
Lab File: BN008409.D
Acq: 25 Oct 2019 03:57

Instrument :
BNA_N
ClientSampleId :
BEPL5

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	21.3	31.9
125	24.9	12.3	18.5

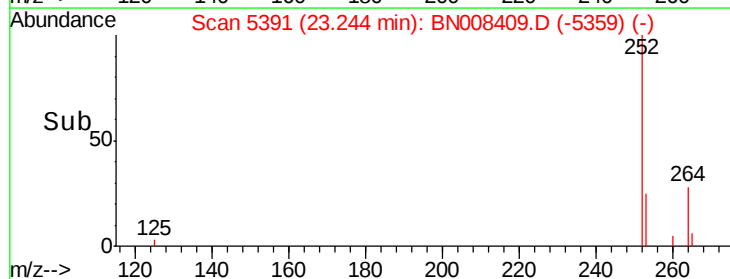
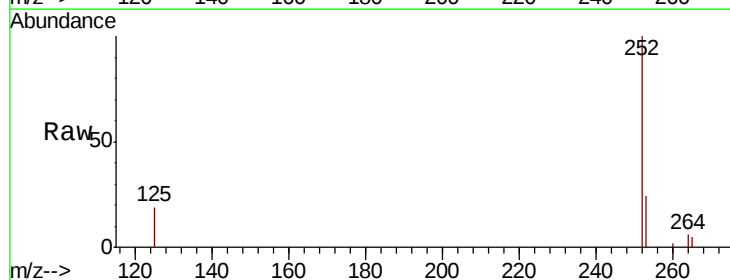
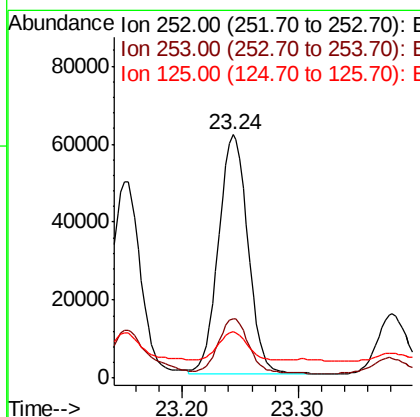
Manual Integrations
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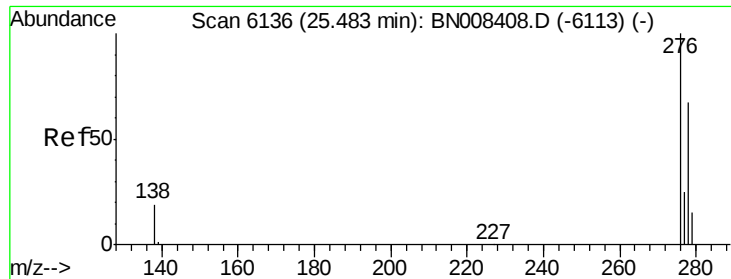
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#23
Benzo(a)pyrene
Concen: 2.970 ng/ul
RT: 23.24 min Scan# 5391
Delta R.T. -0.01 min
Lab File: BN008409.D
Acq: 25 Oct 2019 03:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	22.8	34.2
125	18.9	18.4	27.6





#24

Indeno(1,2,3-cd)pyrene

Concen: 1.839 ng/ul

RT: 25.49 min Scan# 6137

Delta R.T. -0.01 min

Lab File: BN008409.D

Acq: 25 Oct 2019 03:57

Instrument :

BNA_N

ClientSampleId :

BEPL5

Tot Ion:276 Resp: 78427

Ion Ratio Lower Upper

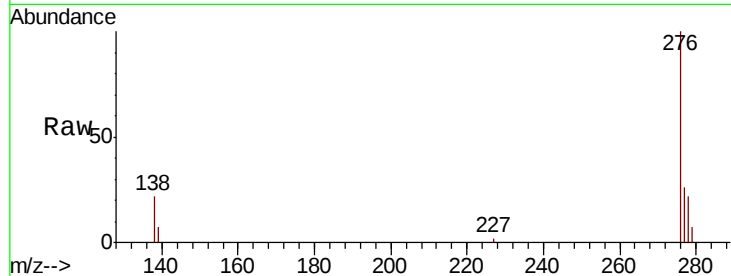
276 100

138 20.2 16.1 24.1

227 0.5 0.2 0.2#

Manual Integrations
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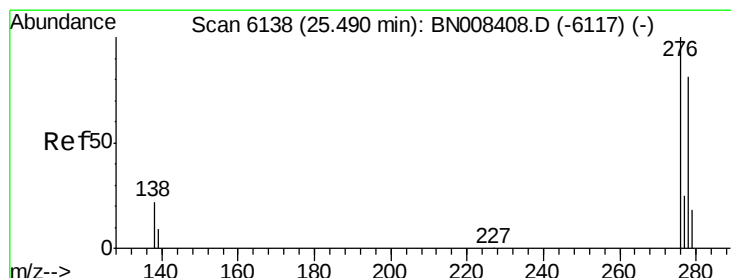
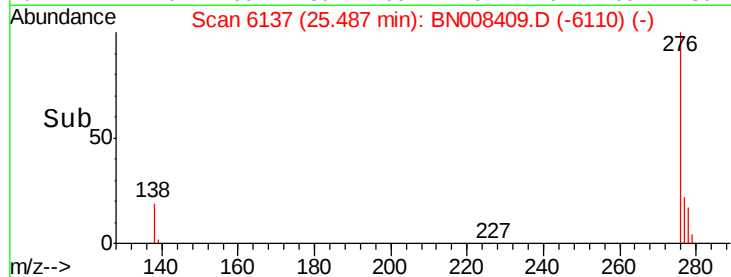
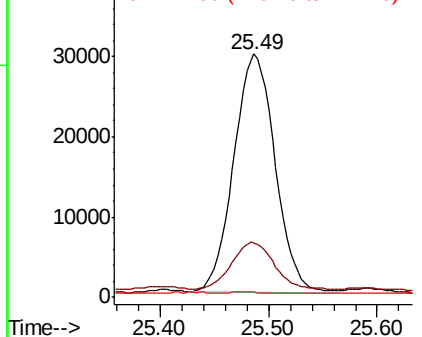


Abundance

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: 0.558 ng/ul

RT: 25.49 min Scan# 6138

Delta R.T. -0.02 min

Lab File: BN008409.D

Acq: 25 Oct 2019 03:57

Tgt Ion:278 Resp: 18800

Ion Ratio Lower Upper

278 100

139 31.2 15.0 22.6#

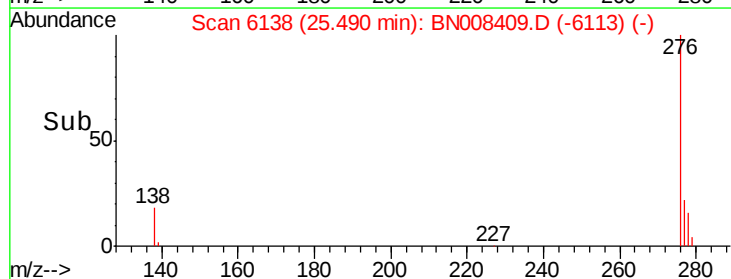
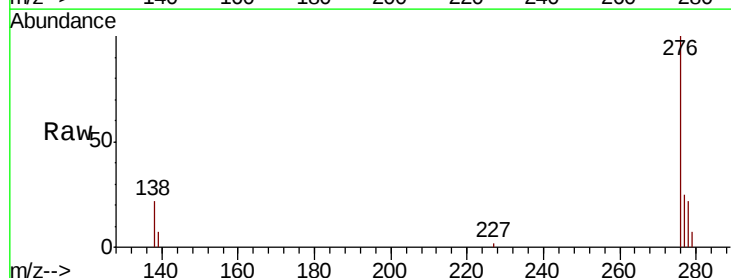
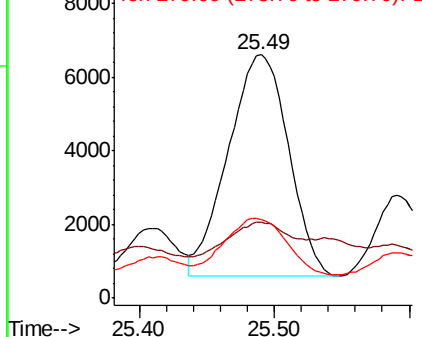
279 32.4 22.4 33.6

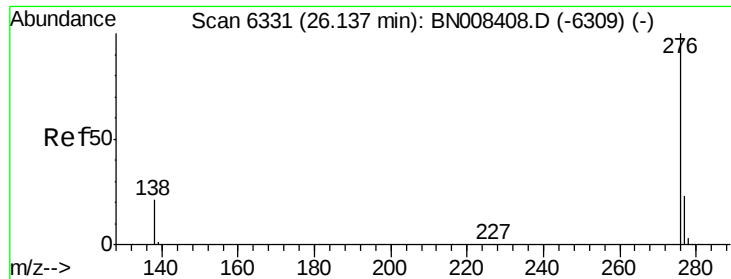
Abundance

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: 2.141 ng/ul

RT: 26.14 min Scan# 6332

Delta R.T. -0.01 min

Lab File: BN008409.D

Acq: 25 Oct 2019 03:57

Instrument :

BNA_N

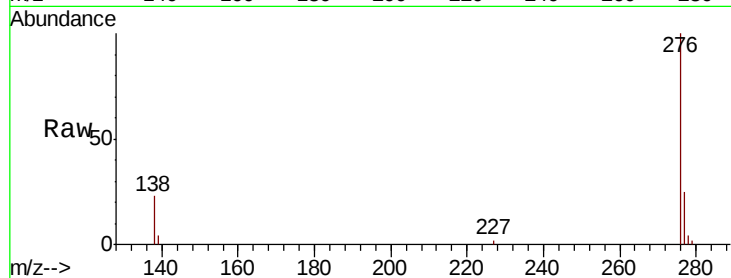
ClientSampleId :

BEPL5

Tot Ion:	276	Resp:	83726
Ion Ratio	Lower	Upper	
276	100		
138	22.7	17.0	25.4
277	24.9	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

