

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
 Data File : BN008411.D
 Acq On : 25 Oct 2019 05:08
 Operator : JU
 Sample : K5236-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPL6

Manual Integrations
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 10/25/2019 9:28:08 PM

Quant Time: Oct 25 11:54:46 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	1798	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	8977	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	5696	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	12464	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	11029	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	8978	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	2309	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	7003	0.16	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.38	128	1088	0.043	ng/ul#	82
5) 2-Methylnaphthalene	12.01	142	887	0.051	ng/ul	99
7) Acenaphthylene	13.93	152	7666	0.283	ng/ul	99
8) Acenaphthene	14.27	153	591	0.028	ng/ul#	94
9) Fluorene	15.26	166	1868	0.078	ng/ul#	97
12) Phenanthrene	17.00	178	46409	1.272	ng/ul	99
13) Anthracene	17.09	178	8605	0.268	ng/ul	96
15) Fluoranthene	19.02	202	92654	1.922	ng/ul	97
17) Pyrene	19.39	202	68567	1.561	ng/ul	99
18) Benzo(a)anthracene	21.15	228	38691	0.965	ng/ul	95
19) Chrysene	21.20	228	42498	0.864	ng/ul	97
21) Benzo(b)fluoranthene	22.69	252	48330m	1.654	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	19641m	0.593	ng/ul	
23) Benzo(a)pyrene	23.24	252	30344	0.987	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.48	276	22883	0.632	ng/ul	96
25) Dibenzo(a,h)anthracene	25.48	278	5088	0.178	ng/ul#	64
26) Benzo(a,h,i)perylene	26.13	276	22098	0.665	ng/ul	97

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

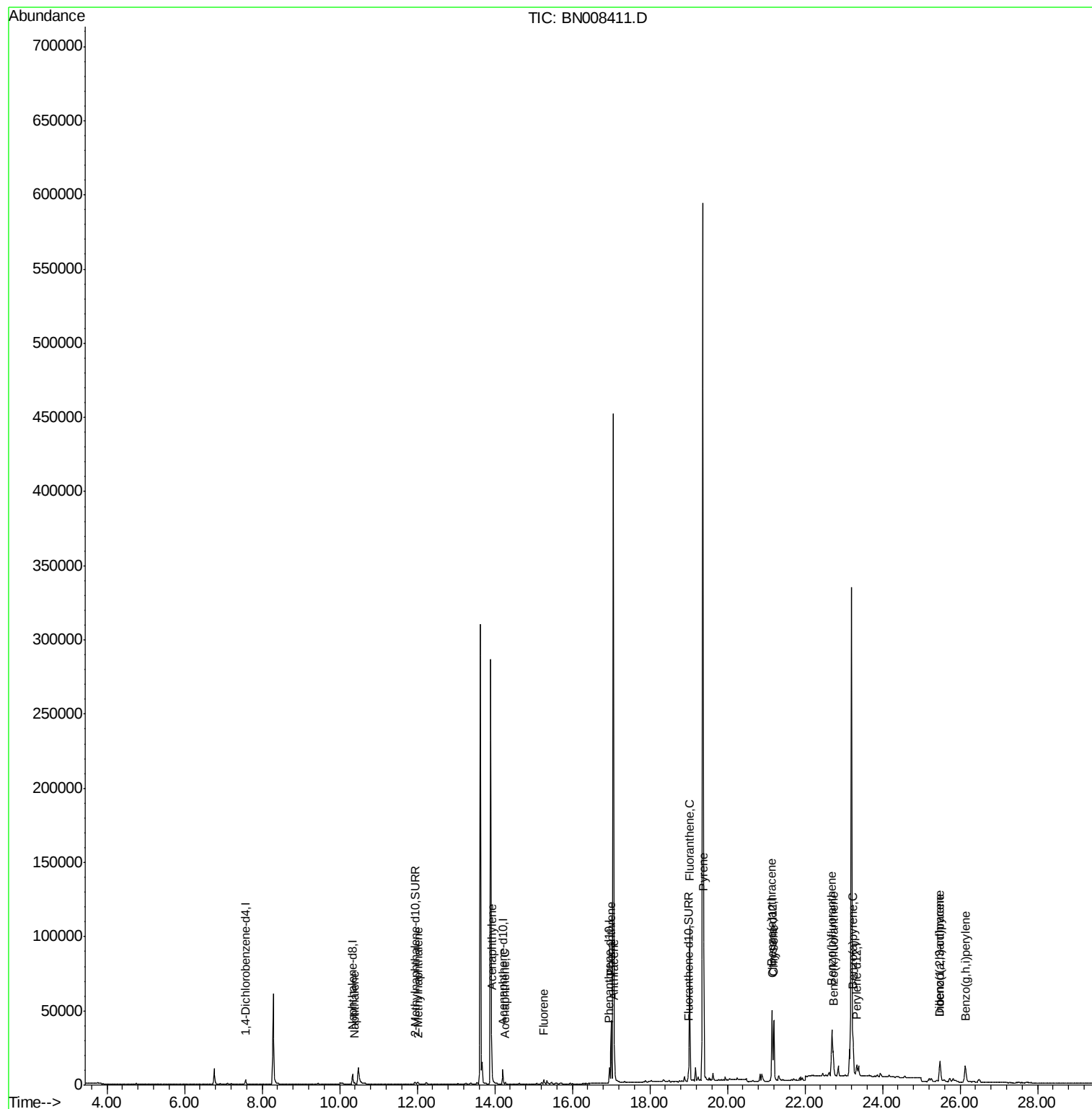
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
Data File : BN008411.D
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Operator : JU
Sample : K5236-06
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ALS Vial : 33 Sample Multiplier: 1

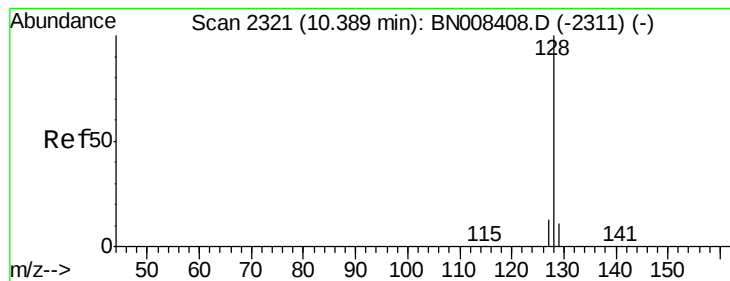
Instrument :
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BEPL6

Quant Time: Oct 25 11:54:46 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
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#3

Naphthalene

Concen: 0.043 ng/ul

RT: 10.38 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BN008411.D

Acq: 25 Oct 2019 05:08

Instrument :

BNA_N

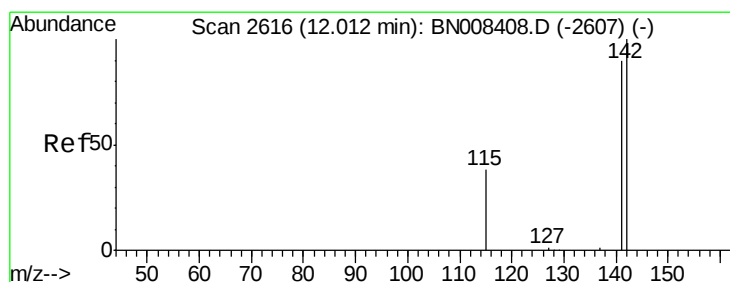
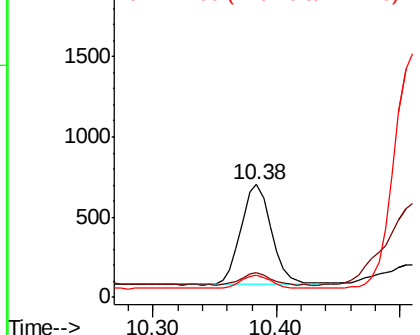
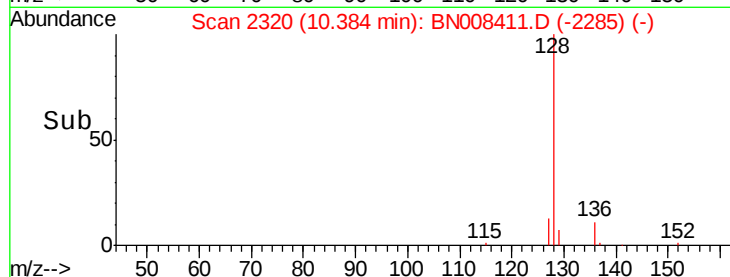
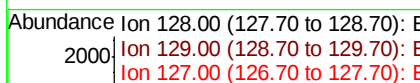
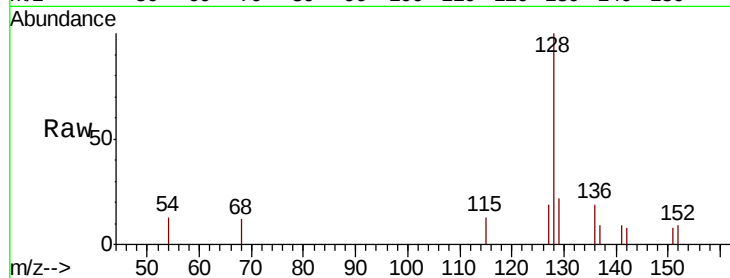
ClientSampleId :

BEPL6

Tot Ion:	128	Resp:	1088
Ion Ratio	Lower	Upper	
128	100		
129	21.5	9.8	14.8#
127	19.4	11.1	16.7#

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#5

2-Methylnaphthalene

Concen: 0.051 ng/ul

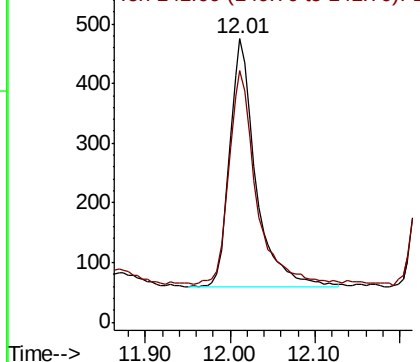
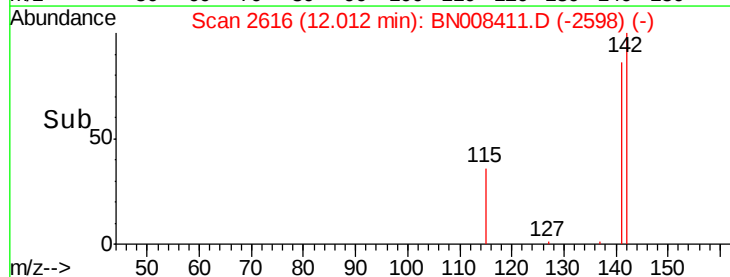
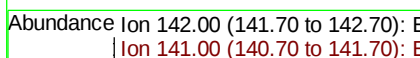
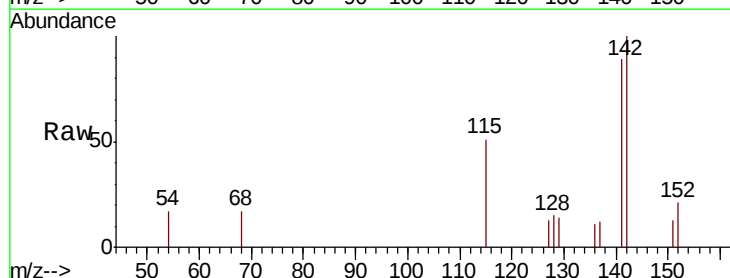
RT: 12.01 min Scan# 2616

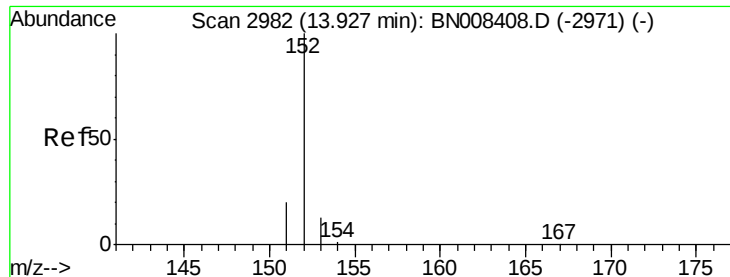
Delta R.T. 0.00 min

Lab File: BN008411.D

Acq: 25 Oct 2019 05:08

Tgt Ion:	142	Resp:	887
Ion Ratio	Lower	Upper	
142	100		
141	88.7	71.4	107.2





#7

Acenaphthylene

Concen: 0.283 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. 0.00 min

Lab File: BN008411.D

Acq: 25 Oct 2019 05:08

Instrument :

BNA_N

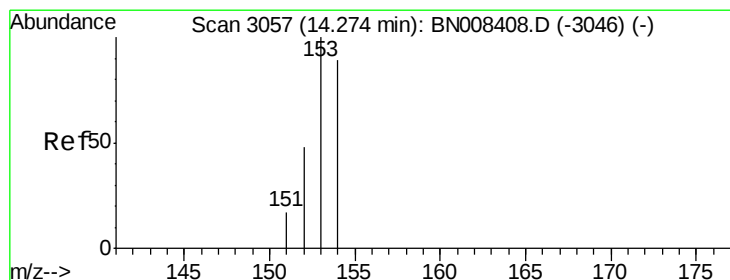
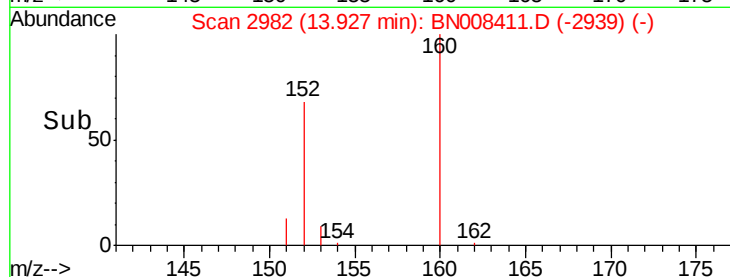
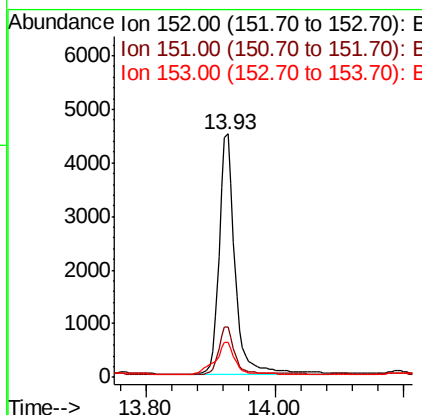
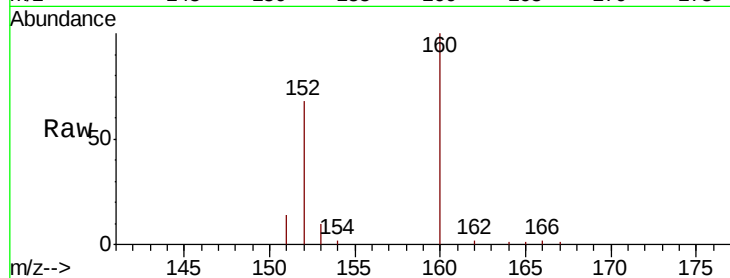
ClientSampleId :

BEPL6

Tot Ion:	152	Resp:	7666
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.2	24.4
153	14.5	11.0	16.4

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#8

Acenaphthene

Concen: 0.028 ng/ul

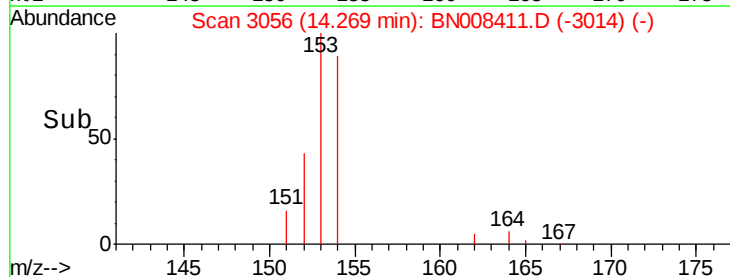
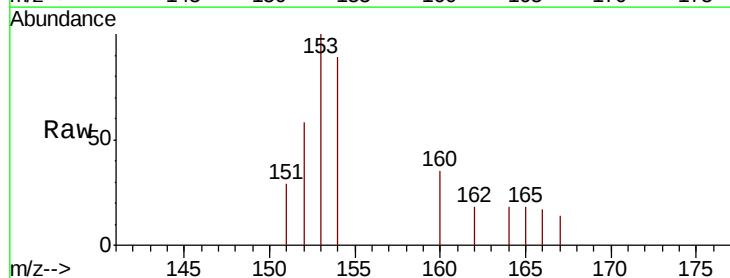
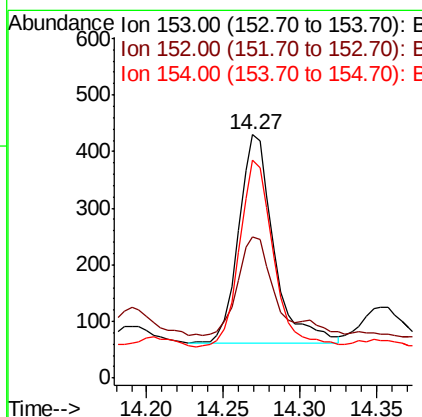
RT: 14.27 min Scan# 3056

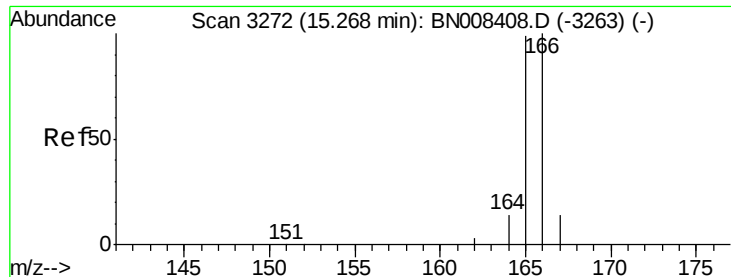
Delta R.T. -0.00 min

Lab File: BN008411.D

Acq: 25 Oct 2019 05:08

Tgt Ion:	153	Resp:	591
Ion Ratio	Lower	Upper	
153	100		
152	58.1	38.2	57.2#
154	89.3	71.8	107.8





#9

Fluorene

Concen: 0.078 ng/ul

RT: 15.26 min Scan# 3271

Delta R.T. -0.00 min

Lab File: BN008411.D

Acq: 25 Oct 2019 05:08

Instrument :

BNA_N

ClientSampleId :

BEPL6

Tot Ion:166 Resp: 1868

Ion Ratio Lower Upper

166 100

165 97.2 76.6 115.0

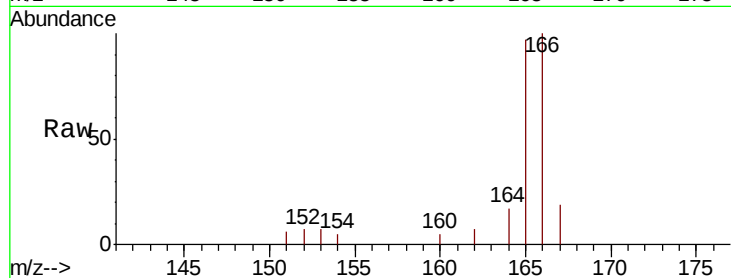
167 19.1 11.7 17.5#

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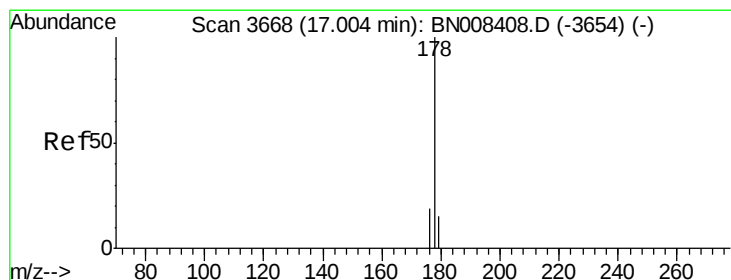
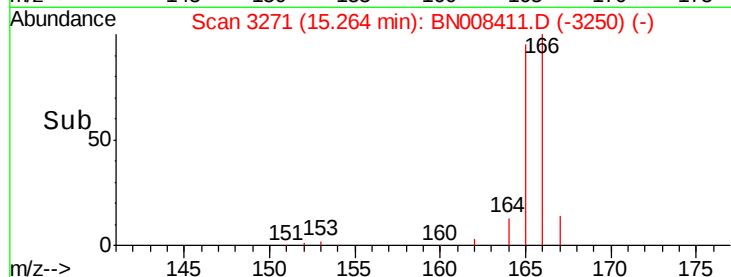
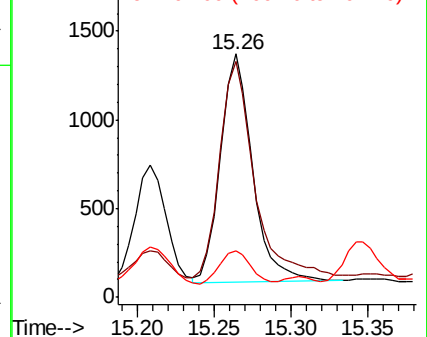
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 1.272 ng/ul

RT: 17.00 min Scan# 3667

Delta R.T. -0.00 min

Lab File: BN008411.D

Acq: 25 Oct 2019 05:08

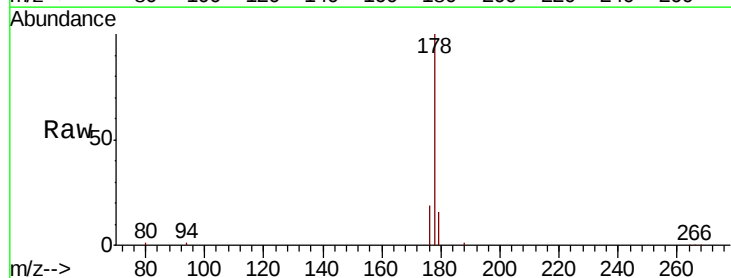
Tgt Ion:178 Resp: 46409

Ion Ratio Lower Upper

178 100

179 15.8 12.8 19.2

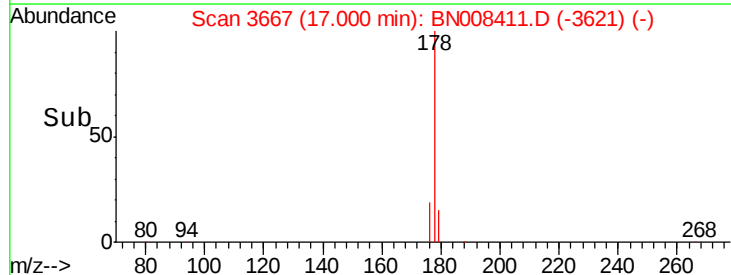
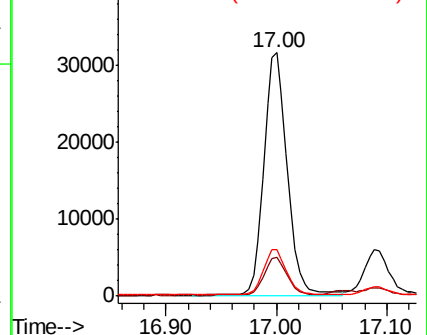
176 19.0 15.4 23.2

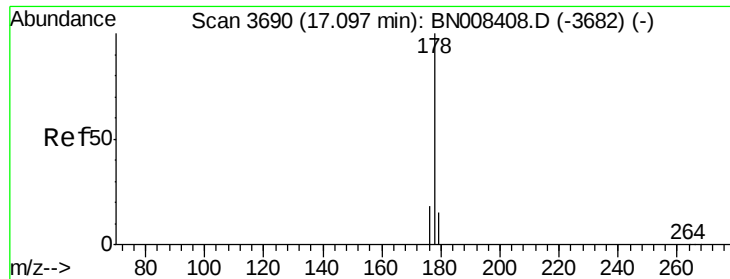


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.268 ng/ul

RT: 17.09 min Scan# 3688

Delta R.T. -0.01 min

Lab File: BN008411.D

Acq: 25 Oct 2019 05:08

Instrument :

BNA_N

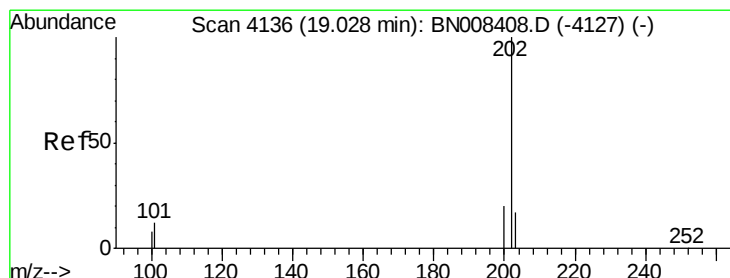
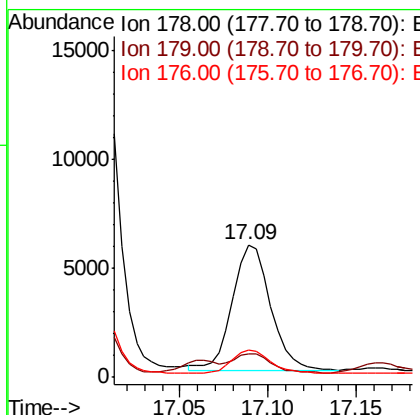
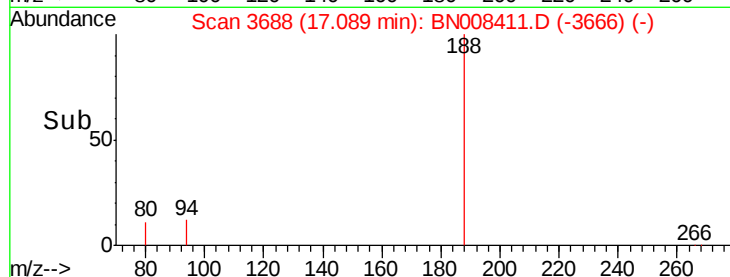
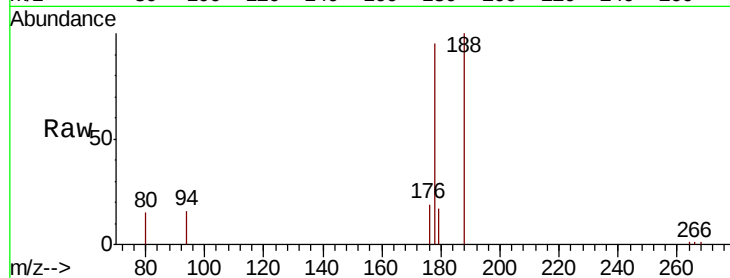
ClientSampleId :

BEPL6

Tot Ion:	178	Resp:	8605
Ion Ratio	Lower	Upper	
178	100		
179	18.1	13.0	19.6
176	20.4	15.0	22.6

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#15

Fluoranthene

Concen: 1.922 ng/ul

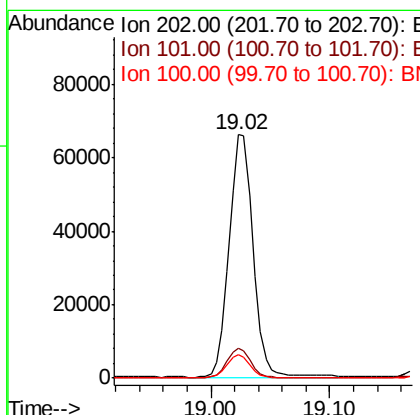
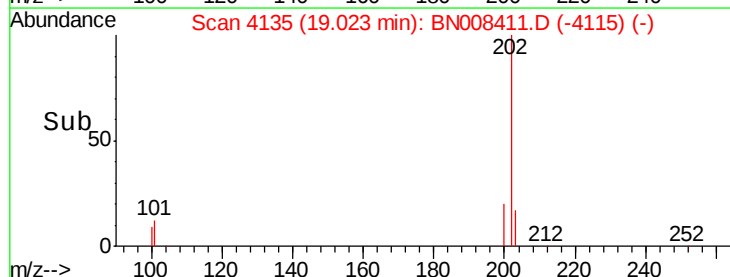
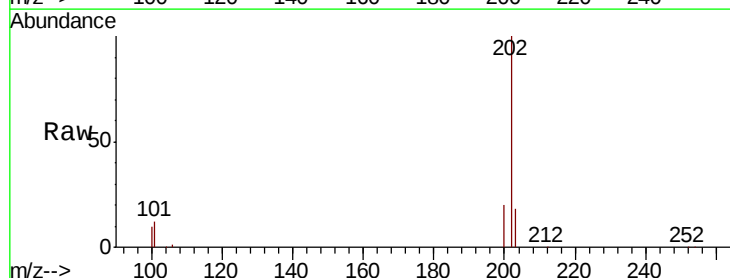
RT: 19.02 min Scan# 4135

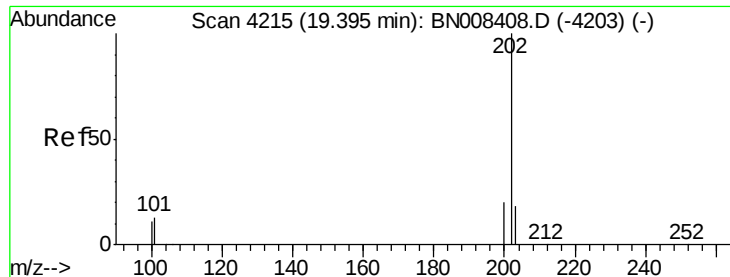
Delta R.T. -0.01 min

Lab File: BN008411.D

Acq: 25 Oct 2019 05:08

Tgt Ion:	202	Resp:	92654
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	31.2
100	9.6	0.0	28.5





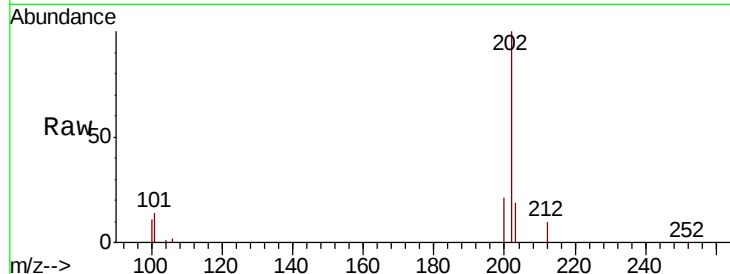
#17
Pvrene
Concen: 1.561 ng/ul
RT: 19.39 min Scan# 4214
Delta R.T. -0.00 min
Lab File: BN008411.D
Acq: 25 Oct 2019 05:08

Instrument :
BNA_N
ClientSampleId :
BEPL6

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.9	16.3
100	11.2	8.7	13.1

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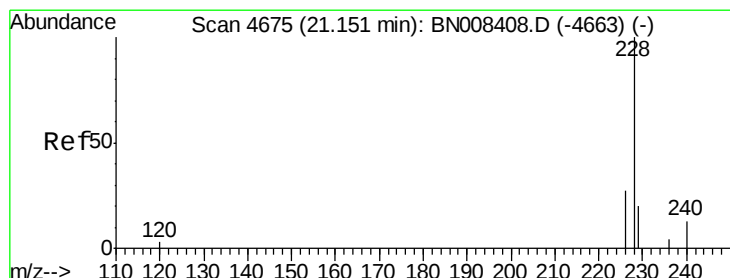
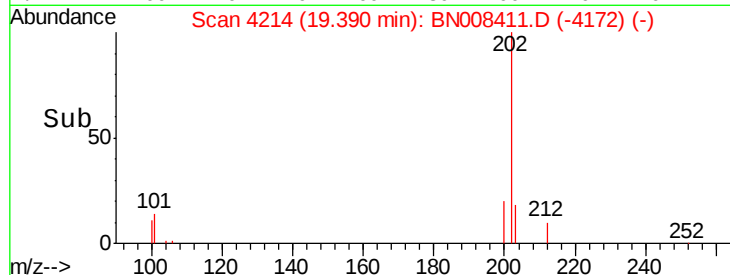
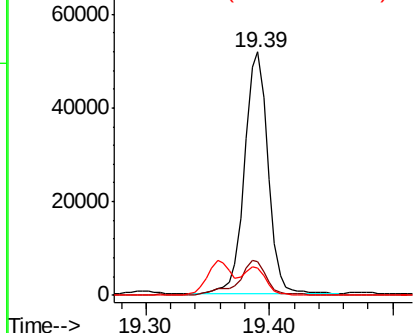


Abundance

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: 0.965 ng/ul
RT: 21.15 min Scan# 4674
Delta R.T. -0.01 min
Lab File: BN008411.D
Acq: 25 Oct 2019 05:08

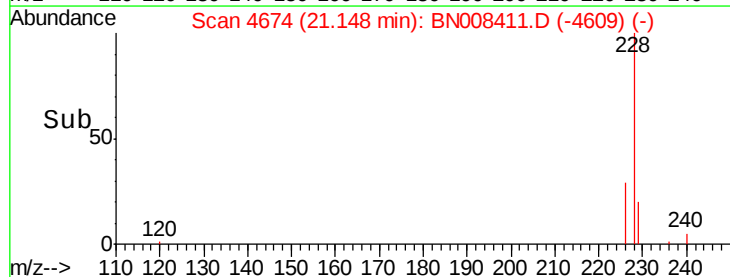
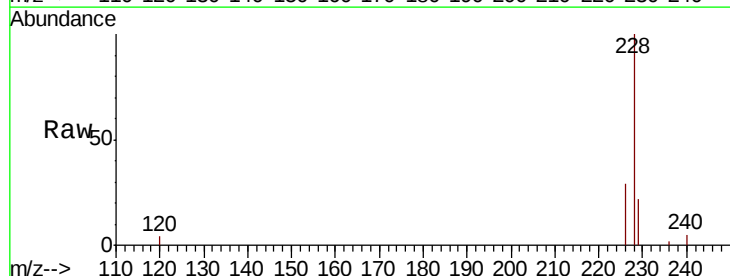
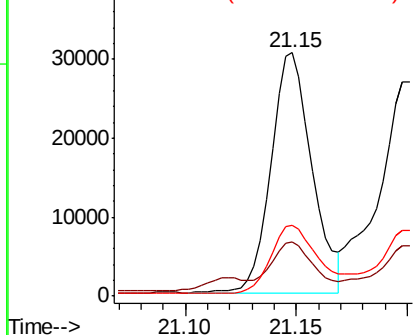
Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.2	24.2
226	29.3	21.4	32.0

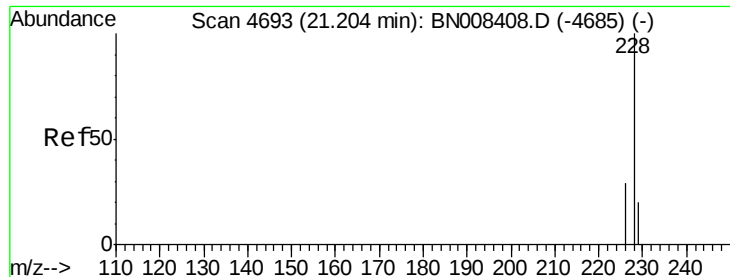
Abundance

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: 0.864 ng/ul

RT: 21.20 min Scan# 4692

Delta R.T. -0.01 min

Lab File: BN008411.D

Acq: 25 Oct 2019 05:08

Instrument :

BNA_N

ClientSampleId :

BEPL6

Tot Ion:228 Resp: 42498

Ion Ratio Lower Upper

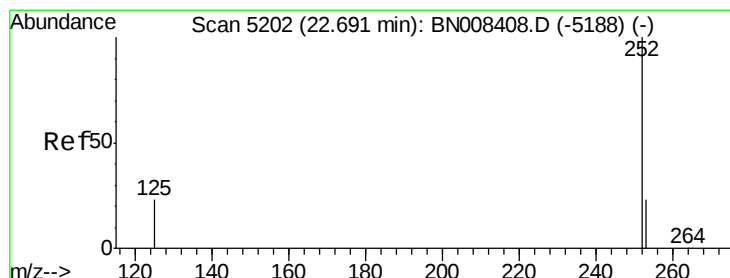
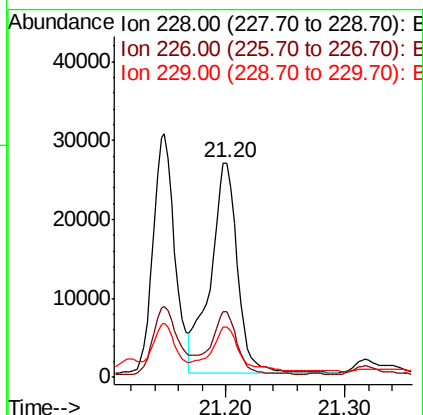
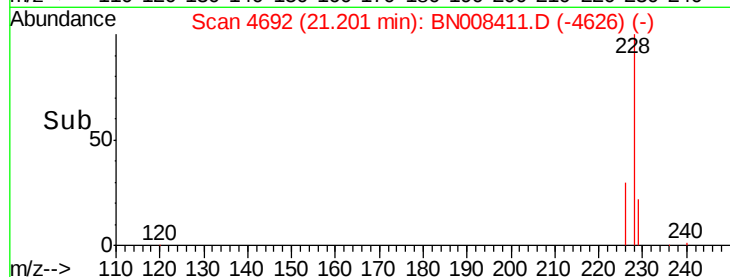
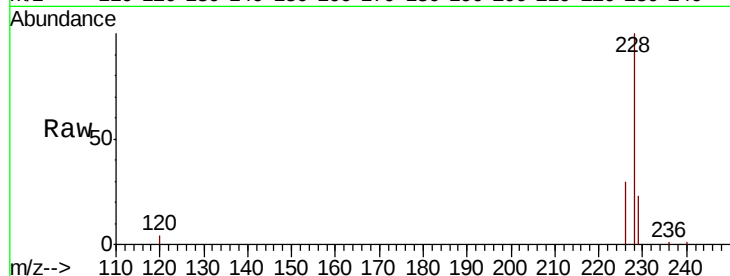
228 100

226 30.4 24.1 36.1

229 23.5 16.2 24.2

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#21

Benzo(b)fluoranthene

Concen: 1.654 ng/ul m

RT: 22.69 min Scan# 5202

Delta R.T. -0.01 min

Lab File: BN008411.D

Acq: 25 Oct 2019 05:08

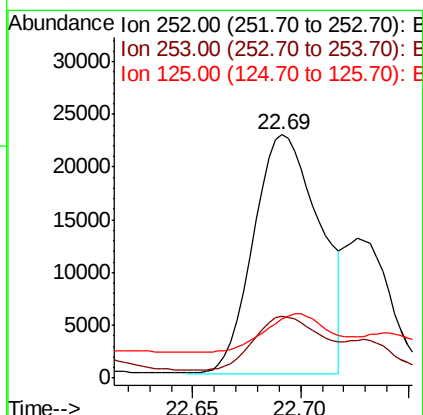
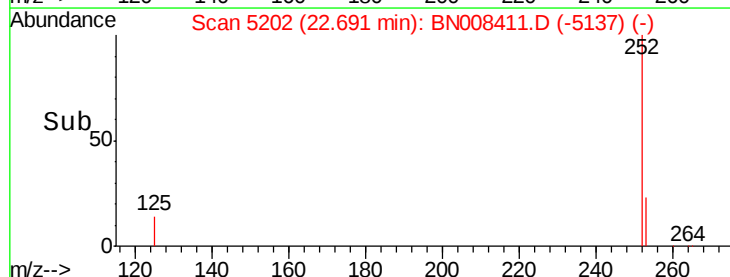
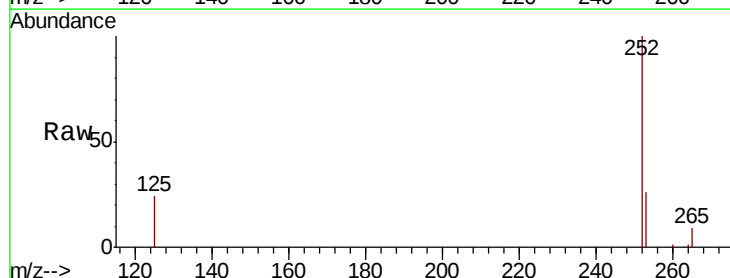
Tgt Ion:252 Resp: 48330

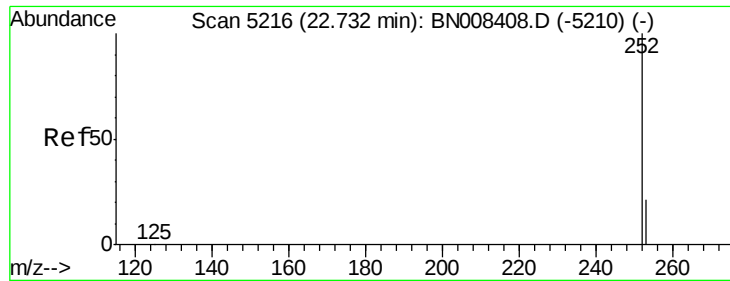
Ion Ratio Lower Upper

252 100

253 25.6 0.0 53.4

125 24.2 0.0 32.4





#22

Benzo(k)fluoranthene

Concen: 0.593 ng/ul m

RT: 22.73 min Scan# 5214

Delta R.T. -0.01 min

Lab File: BN008411.D

Acq: 25 Oct 2019 05:08

Instrument :

BNA_N

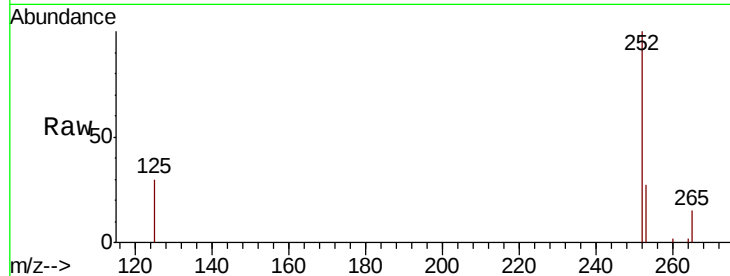
ClientSampleId :

BEPL6

Tot Ion:	252	Resp:	19641
Ion Ratio	Lower	Upper	
252	100		
253	27.3	21.3	31.9
125	30.0	12.3	18.5#

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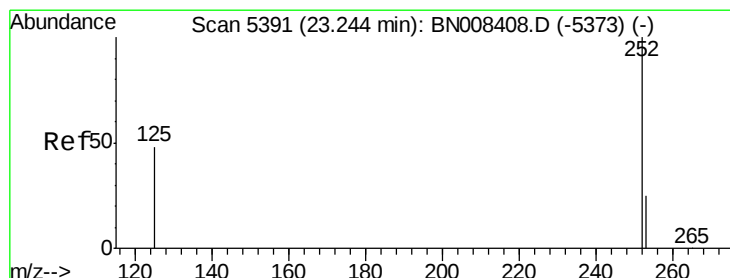
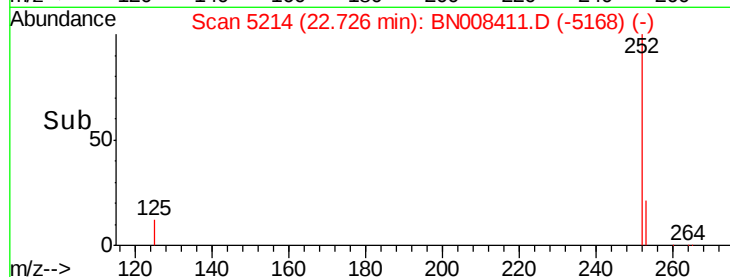
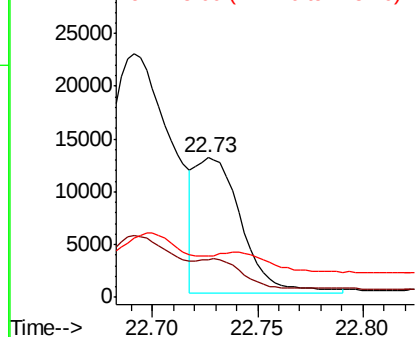


Abundance

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: 0.987 ng/ul

RT: 23.24 min Scan# 5389

Delta R.T. -0.01 min

Lab File: BN008411.D

Acq: 25 Oct 2019 05:08

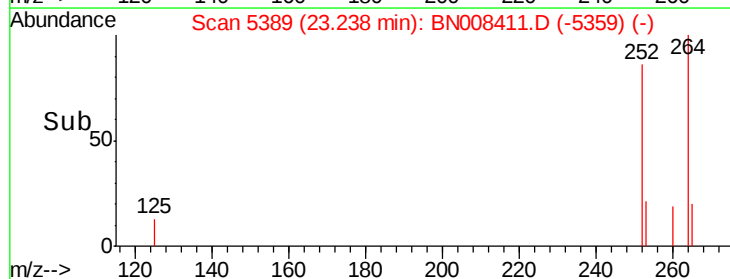
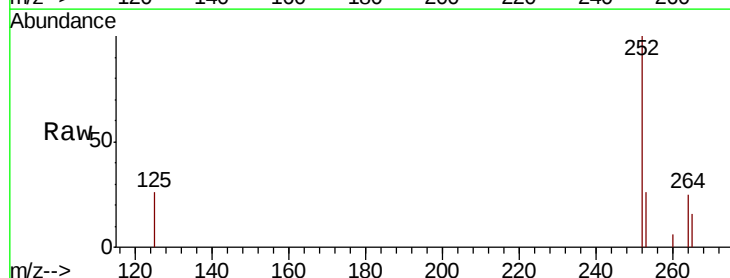
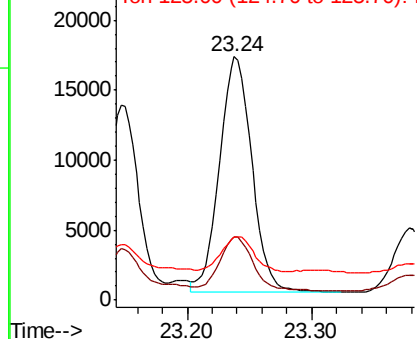
Tgt Ion:	252	Resp:	30344
Ion Ratio	Lower	Upper	
252	100		
253	25.8	22.8	34.2
125	25.7	18.4	27.6

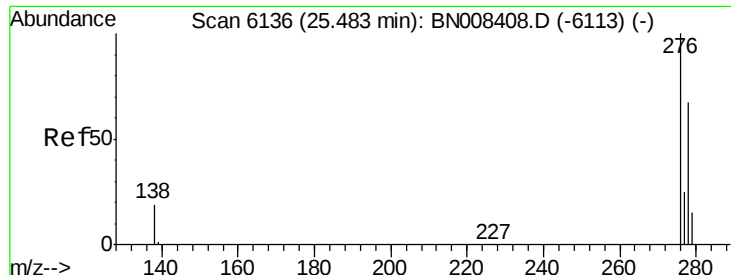
Abundance

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





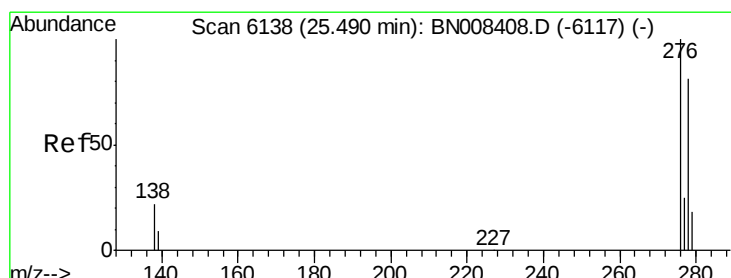
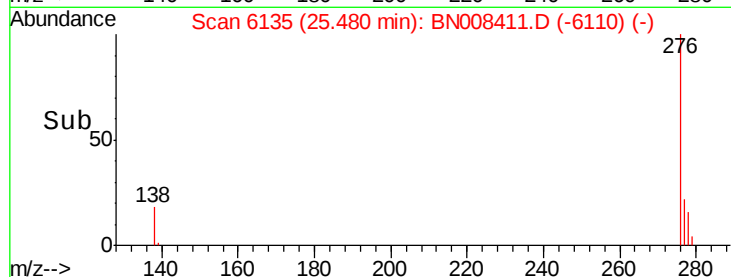
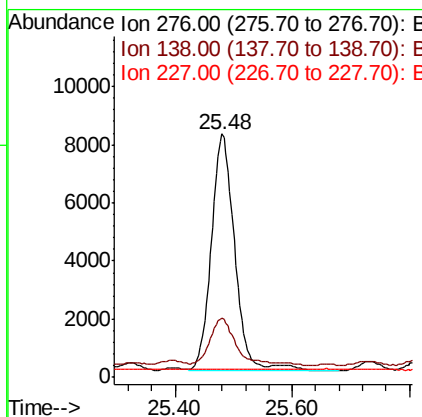
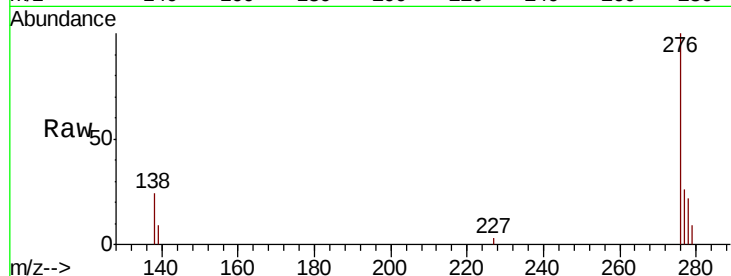
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.632 ng/ul
RT: 25.48 min Scan# 6135
Delta R.T. -0.02 min
Lab File: BN008411.D
Acq: 25 Oct 2019 05:08

Instrument :
BNA_N
ClientSampled :
BEPL6

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.2	16.1	24.1
227	0.2	0.2	0.2

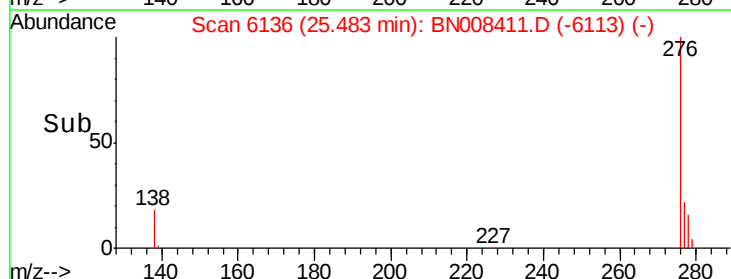
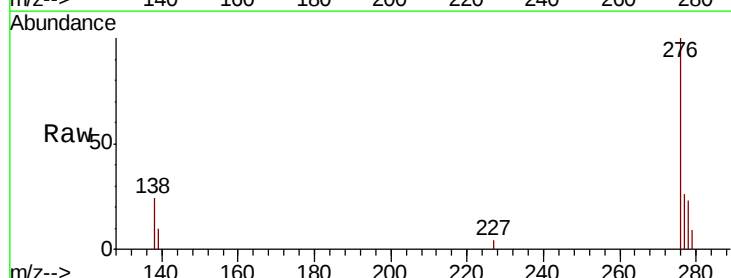
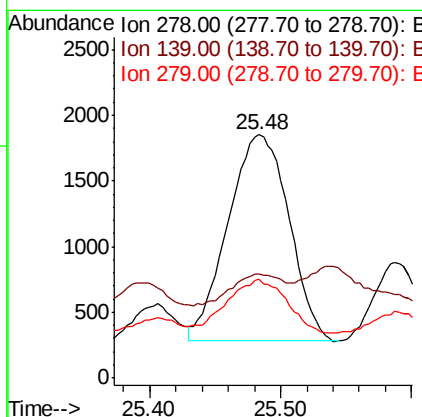
Manual Integrations
APPROVED

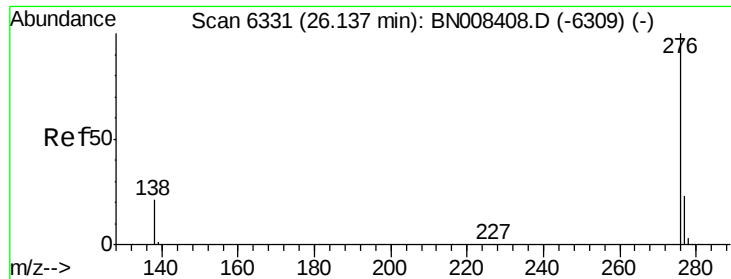
mohammad
10/25/2019 9:28:08 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.178 ng/ul
RT: 25.48 min Scan# 6136
Delta R.T. -0.02 min
Lab File: BN008411.D
Acq: 25 Oct 2019 05:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	42.6	15.0	22.6#
279	40.7	22.4	33.6#





#26
 Benzo(a,h,i)perylene
 Concen: 0.665 ng/ul
 RT: 26.13 min Scan# 6330
 Delta R.T. -0.01 min
 Lab File: BN008411.D
 Acq: 25 Oct 2019 05:08

Instrument :
 BNA_N
 ClientSampleId :
 BEPL6

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	17.0	25.4
277	25.5	20.4	30.6

Manual Integrations
 APPROVED

mohammad
 10/25/2019 9:28:08 PM

