

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
 Data File : BN008404.D
 Acq On : 25 Oct 2019 00:59
 Operator : JU
 Sample : K5236-03DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPL2DL

Manual Integrations
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mohammad
 10/25/2019 8:06:27 AM

Quant Time: Oct 25 01:47:13 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 : Wed Oct 23 14:07:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1957	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.33	136	9584	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	6226	0.40	ng/ul	-0.01
10) Phenanthrene-d10	16.96	188	13369	0.40	ng/ul	-0.02
16) Chrysene-d12	21.17	240	11486	0.40	ng/ul	-0.01
20) Perylene-d12	23.33	264	9541	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	609	0.04	ng/ul	-0.02
14) Fluoranthene-d10	19.00	212	1801	0.04	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.38	128	6303	0.231	ng/ul	99
5) 2-Methylnaphthalene	12.01	142	2913	0.156	ng/ul	100
7) Acenaphthylene	13.93	152	11424	0.385	ng/ul	99
8) Acenaphthene	14.27	153	5943	0.258	ng/ul	98
9) Fluorene	15.26	166	6061	0.231	ng/ul	97
12) Phenanthrene	17.00	178	98246	2.510	ng/ul	99
13) Anthracene	17.09	178	21094	0.612	ng/ul	97
15) Fluoranthene	19.02	202	192964	3.733	ng/ul	97
17) Pyrene	19.39	202	160072	3.500	ng/ul	100
18) Benzo(a)anthracene	21.15	228	90103	2.158	ng/ul	96
19) Chrysene	21.20	228	90664	1.769	ng/ul	96
21) Benzo(b)fluoranthene	22.69	252	120271m	3.872	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	34304m	0.975	ng/ul	
23) Benzo(a)pyrene	23.24	252	75539	2.311	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.48	276	55837	1.451	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.49	278	13245	0.435	ng/ul#	72
26) Benzo(a,h,i)perylene	26.14	276	59696	1.691	ng/ul	97

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

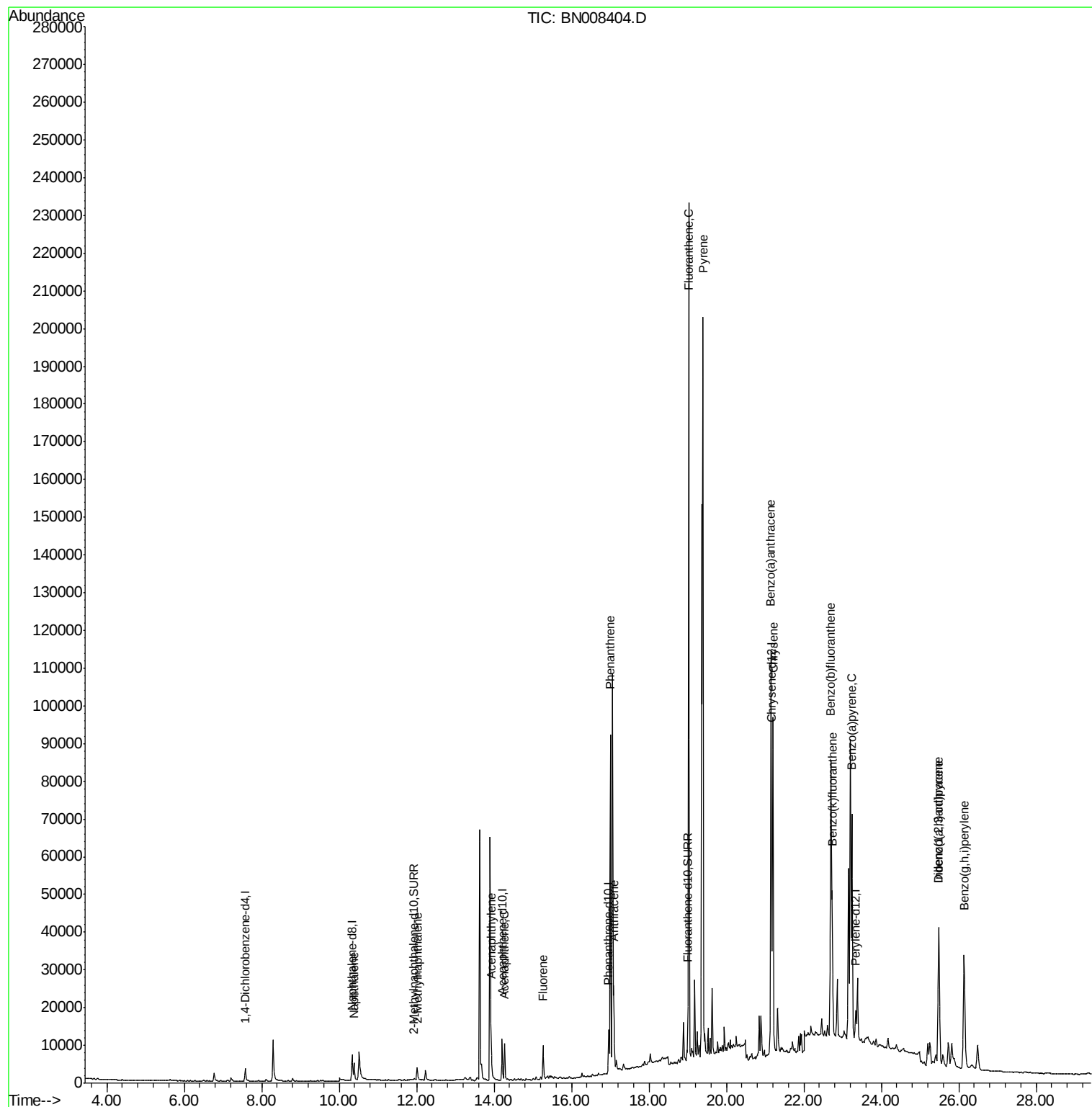
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
Data File : BN008404.D
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ALS Vial : 27 Sample Multiplier: 1

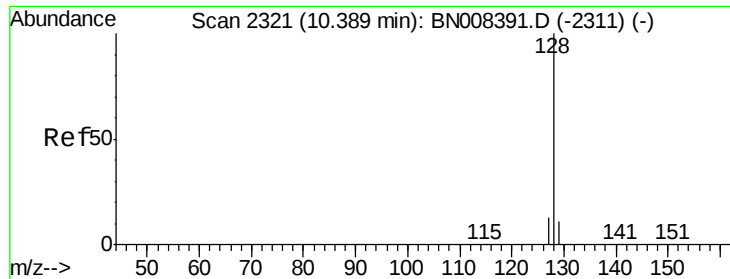
Instrument :
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Quant Time: Oct 25 01:47:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 14:07:55 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.231 ng/ul

RT: 10.38 min Scan# 2320

Delta R.T. -0.02 min

Lab File: BN008404.D

Acq: 25 Oct 2019 00:59

Instrument :

BNA_N

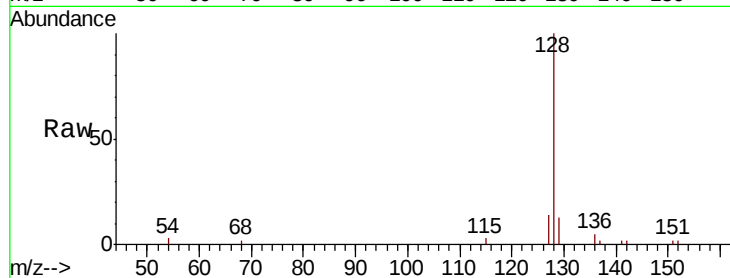
ClientSampleId :

BEPL2DL

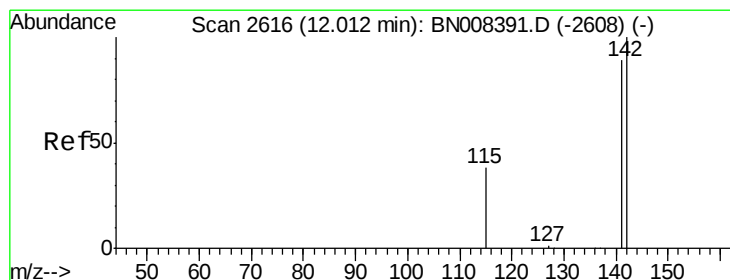
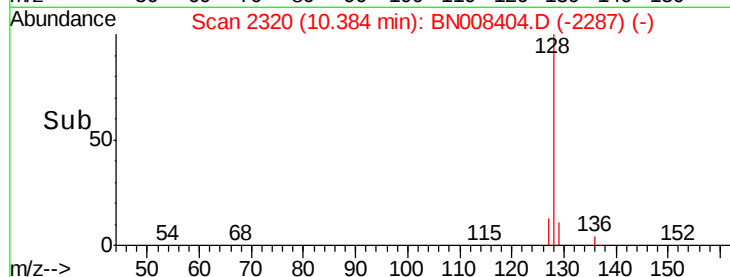
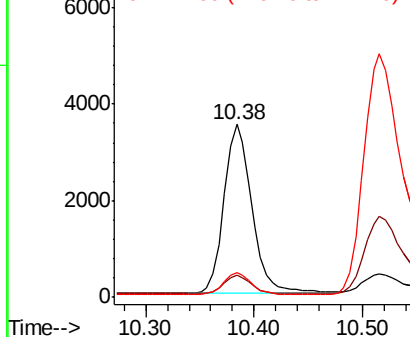
Tot Ion:	128	Resp:	6303
Ion Ratio	Lower	Upper	
128	100		
129	12.8	9.8	14.8
127	14.0	11.1	16.7

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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: 0.156 ng/ul

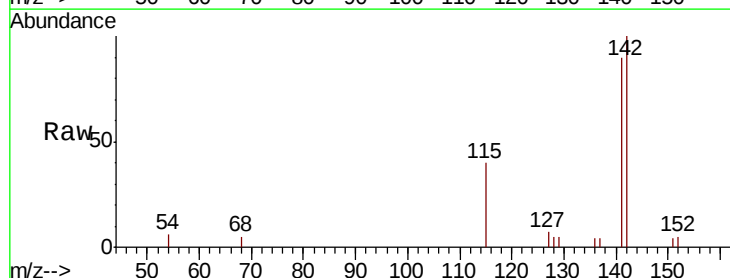
RT: 12.01 min Scan# 2616

Delta R.T. -0.02 min

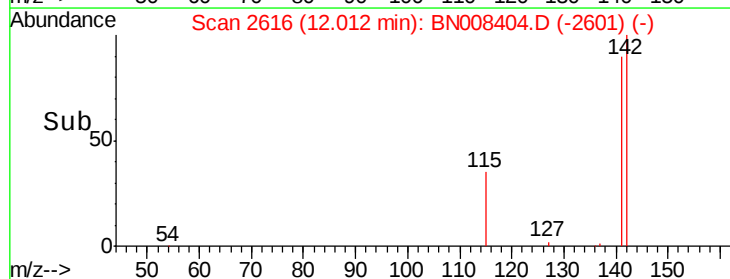
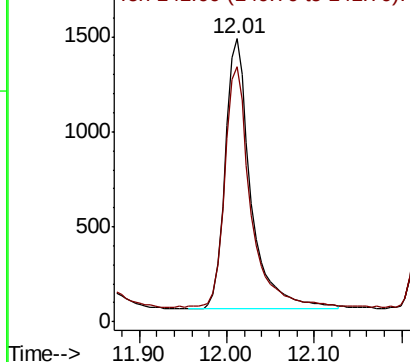
Lab File: BN008404.D

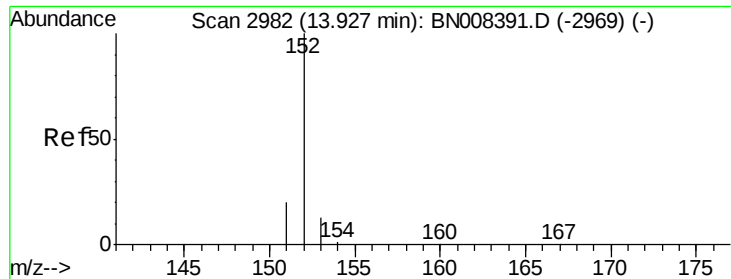
Acq: 25 Oct 2019 00:59

Tgt Ion:	142	Resp:	2913
Ion Ratio	Lower	Upper	
142	100		
141	89.6	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: 0.385 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. -0.02 min

Lab File: BN008404.D

Acq: 25 Oct 2019 00:59

Instrument :

BNA_N

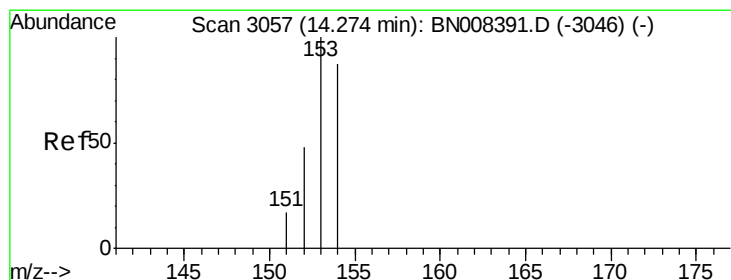
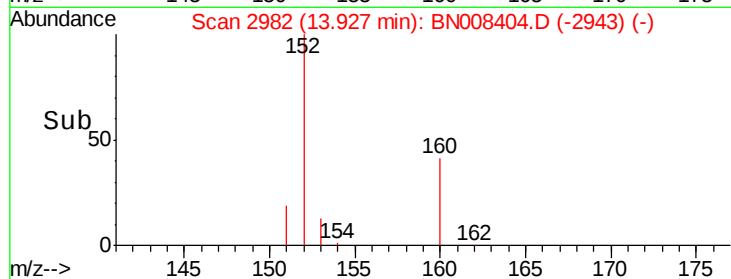
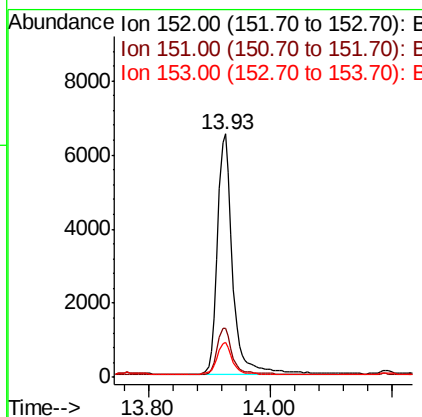
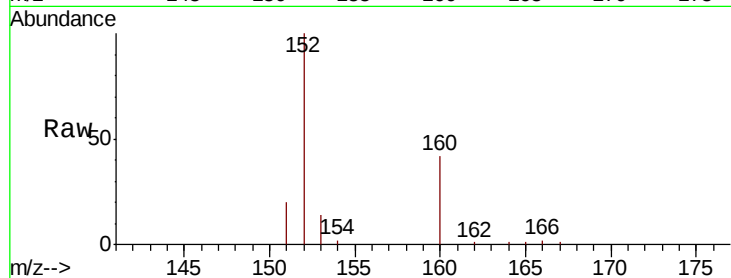
ClientSampleId :

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Tot Ion:	152	Resp:	11424
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.2	24.4
153	14.5	11.0	16.4

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#8

Acenaphthene

Concen: 0.258 ng/ul

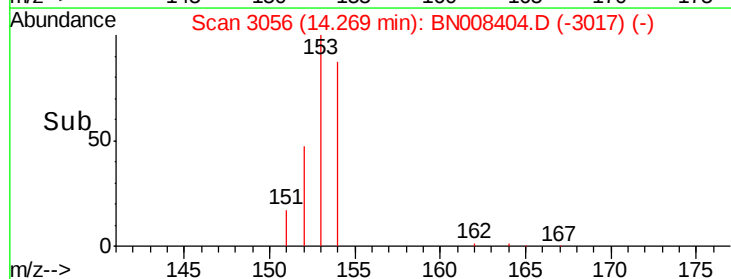
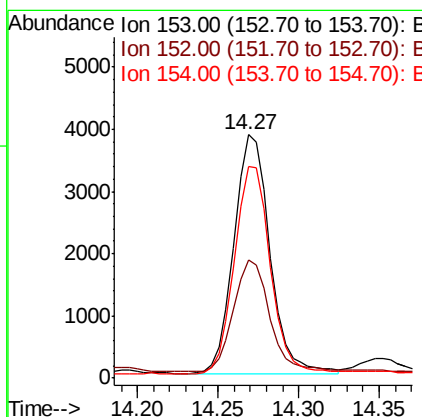
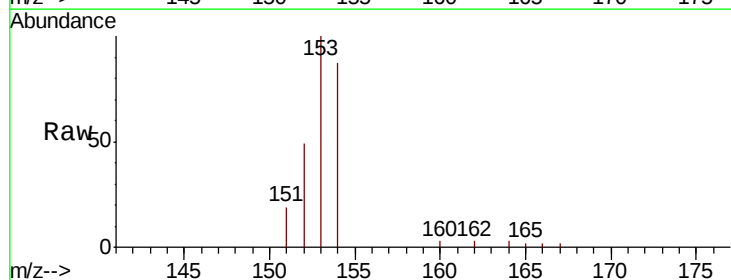
RT: 14.27 min Scan# 3056

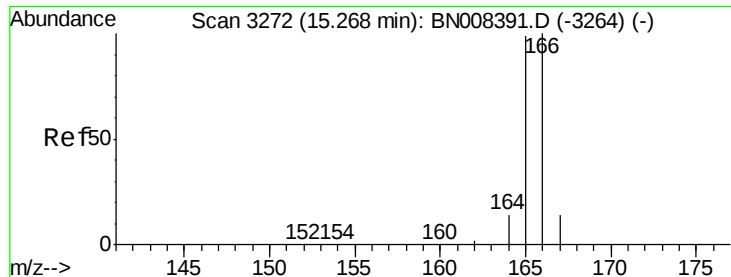
Delta R.T. -0.02 min

Lab File: BN008404.D

Acq: 25 Oct 2019 00:59

Tgt Ion:	153	Resp:	5943
Ion Ratio	Lower	Upper	
153	100		
152	48.7	38.2	57.2
154	87.1	71.8	107.8





#9

Fluorene

Concen: 0.231 ng/ul

RT: 15.26 min Scan# 3271

Delta R.T. -0.02 min

Lab File: BN008404.D

Acq: 25 Oct 2019 00:59

Instrument :

BNA_N

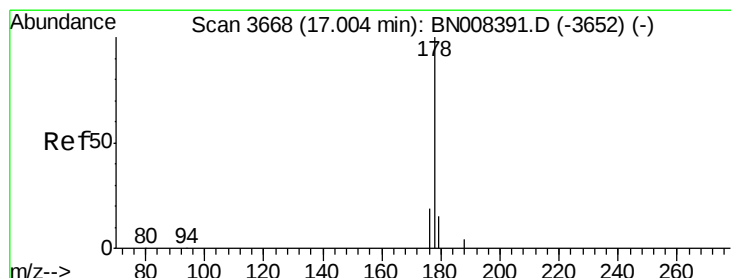
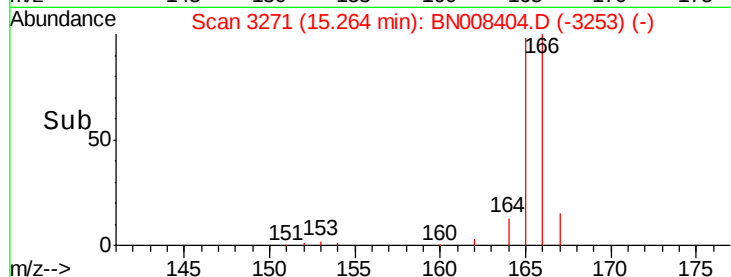
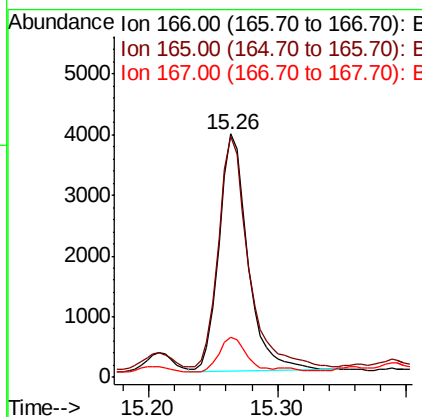
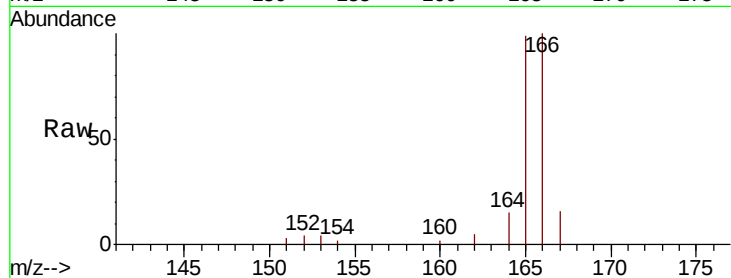
ClientSampleId :

BEPL2DL

Tot Ion:	166	Resp:	6061
Ion	Ratio	Lower	Upper
166	100		
165	99.0	76.6	115.0
167	16.4	11.7	17.5

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#12

Phenanthrene

Concen: 2.510 ng/ul

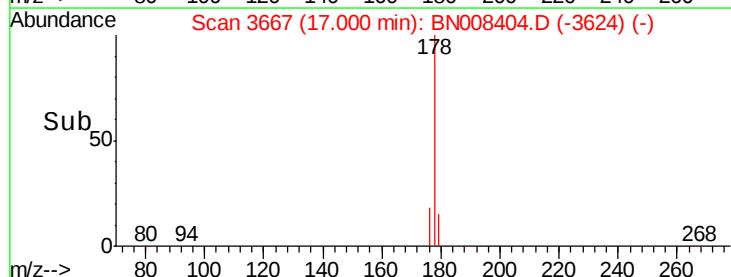
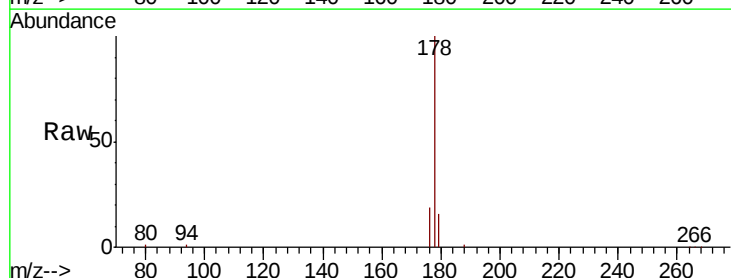
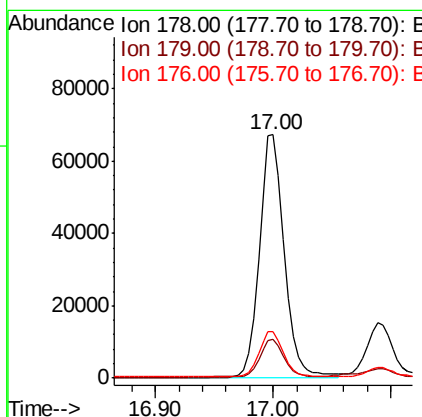
RT: 17.00 min Scan# 3667

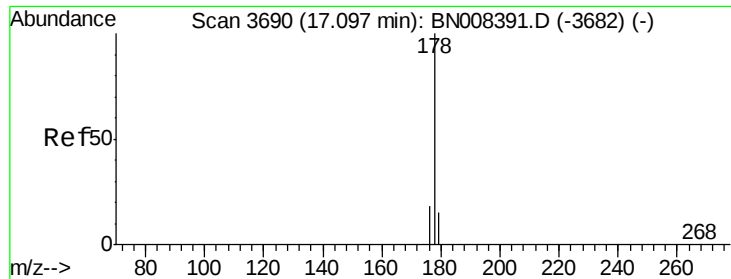
Delta R.T. -0.02 min

Lab File: BN008404.D

Acq: 25 Oct 2019 00:59

Tgt Ion:	178	Resp:	98246
Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.8	19.2
176	18.9	15.4	23.2





#13

Anthracene

Concen: 0.612 ng/ul

RT: 17.09 min Scan# 3688

Delta R.T. -0.02 min

Lab File: BN008404.D

Acq: 25 Oct 2019 00:59

Instrument :

BNA_N

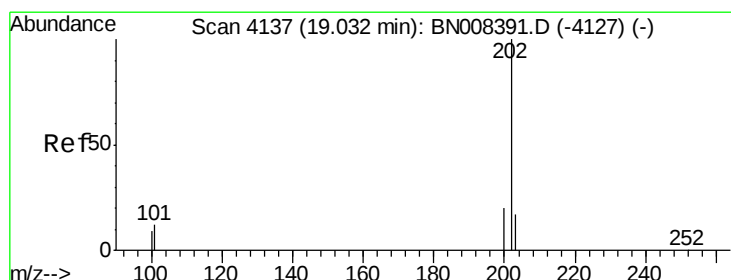
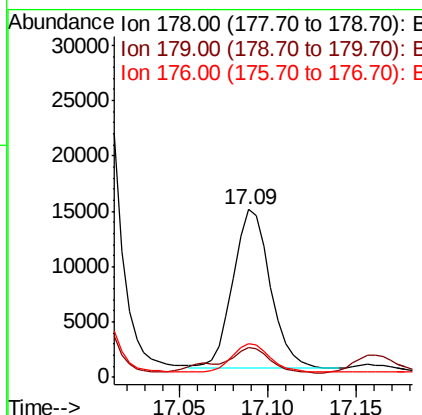
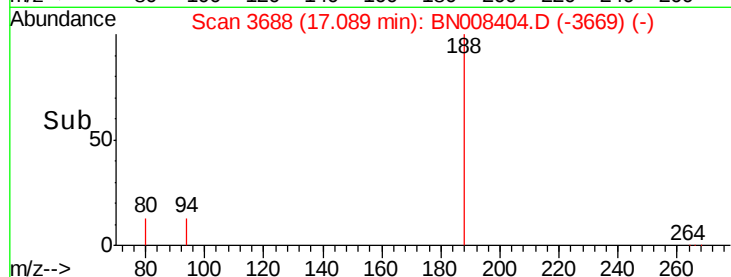
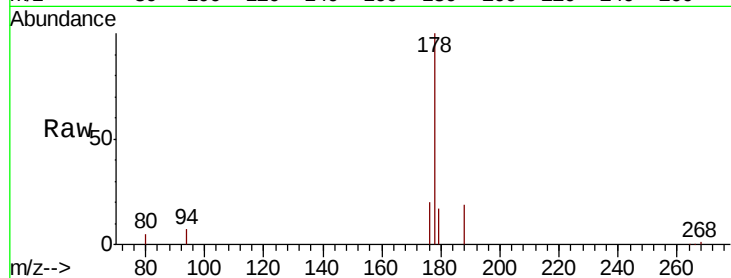
ClientSampleId :

BEPL2DL

Tot Ion:	178	Resp:	21094
Ion Ratio	Lower	Upper	
178	100		
179	17.5	13.0	19.6
176	20.3	15.0	22.6

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#15

Fluoranthene

Concen: 3.733 ng/ul

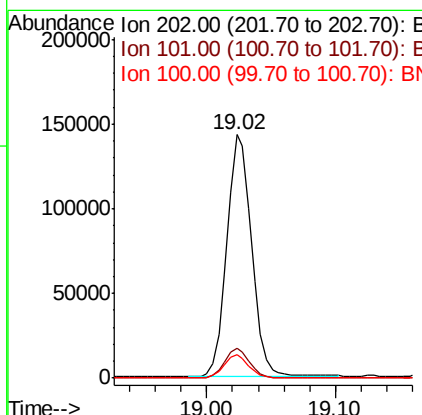
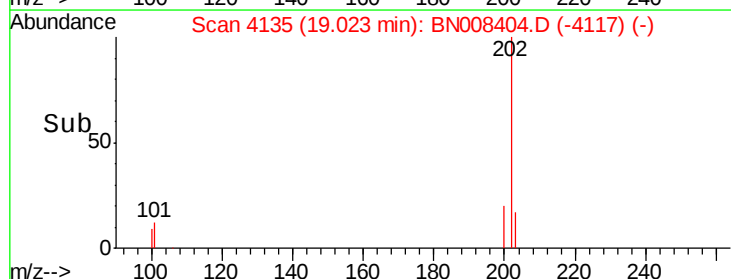
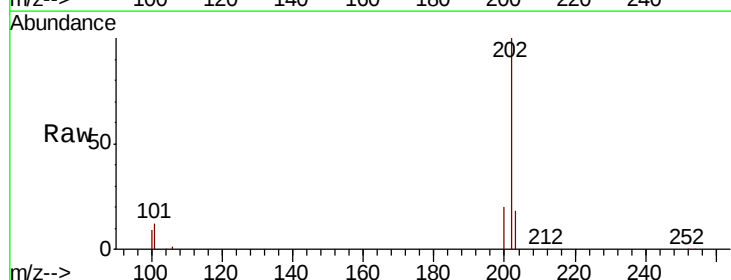
RT: 19.02 min Scan# 4135

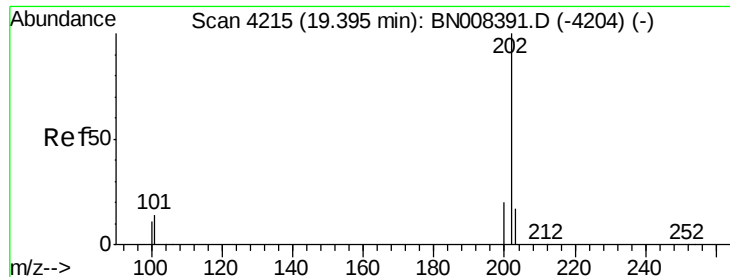
Delta R.T. -0.02 min

Lab File: BN008404.D

Acq: 25 Oct 2019 00:59

Tgt Ion:	202	Resp:	192964
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	31.2
100	9.4	0.0	28.5





#17

Pvrene

Concen: 3.500 ng/ul

RT: 19.39 min Scan# 4214

Delta R.T. -0.01 min

Lab File: BN008404.D

Acq: 25 Oct 2019 00:59

Instrument :

BNA_N

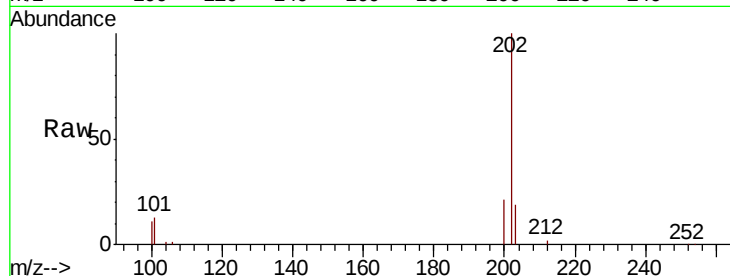
ClientSampleId :

BEPL2DL

Tot Ion:	202	Resp:	160072
Ion Ratio	Lower	Upper	
202	100		
101	13.4	10.9	16.3
100	10.9	8.7	13.1

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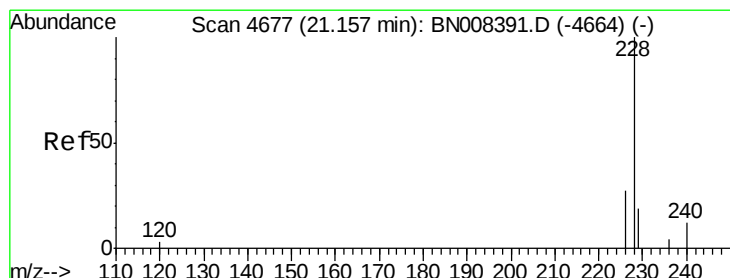
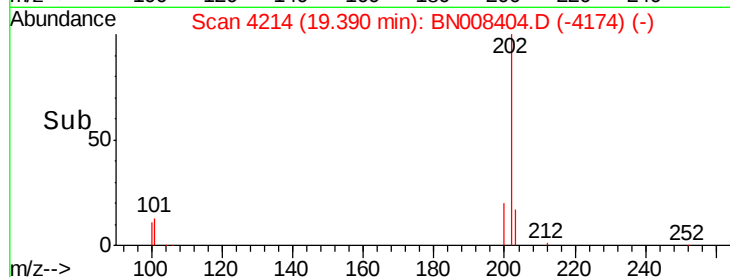
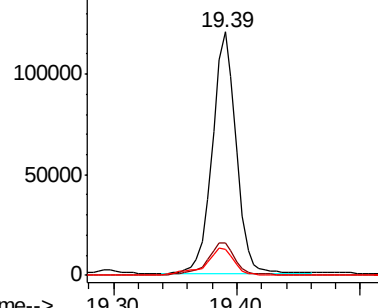


Abundance

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: 2.158 ng/ul

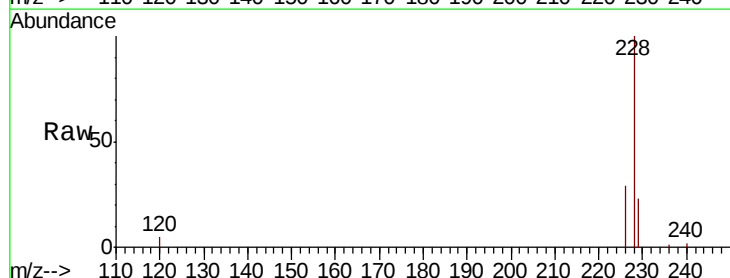
RT: 21.15 min Scan# 4674

Delta R.T. -0.02 min

Lab File: BN008404.D

Acq: 25 Oct 2019 00:59

Tgt Ion:	228	Resp:	90103
Ion Ratio	Lower	Upper	
228	100		
229	22.5	16.2	24.2
226	28.8	21.4	32.0

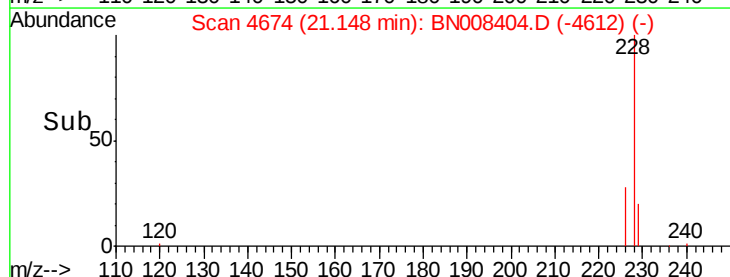
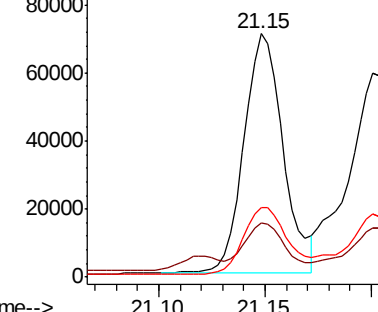


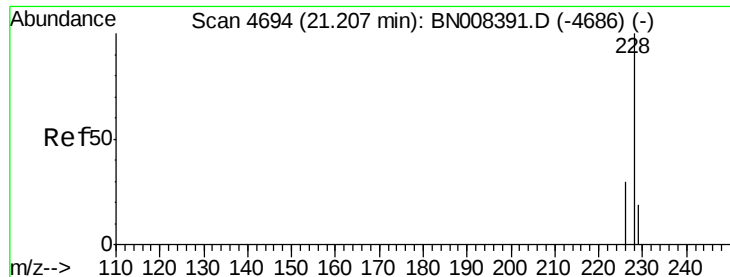
Abundance

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: 1.769 ng/ul

RT: 21.20 min Scan# 4692

Delta R.T. -0.01 min

Lab File: BN008404.D

Acq: 25 Oct 2019 00:59

Instrument :

BNA_N

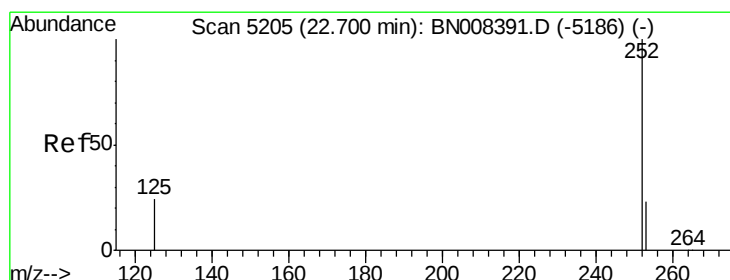
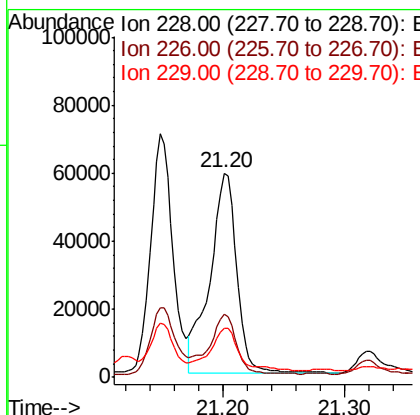
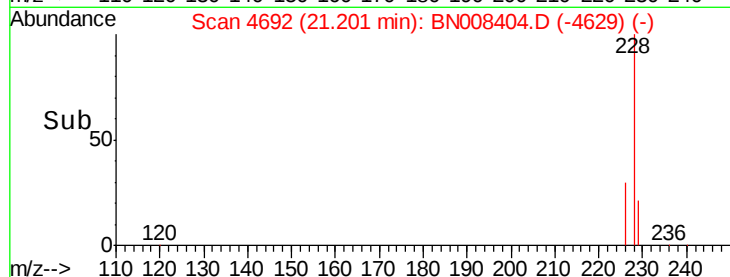
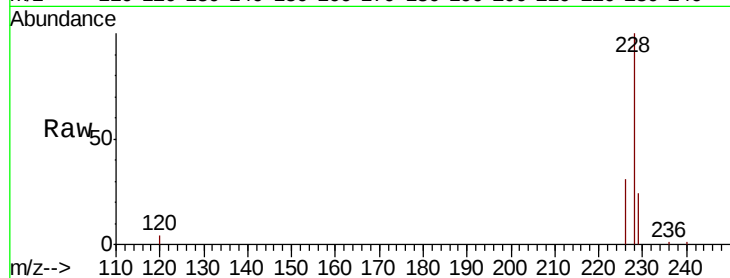
ClientSampleID :

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Tot Ion:	228	Resp:	90664
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.1	36.1
229	24.0	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 3.872 ng/ul m

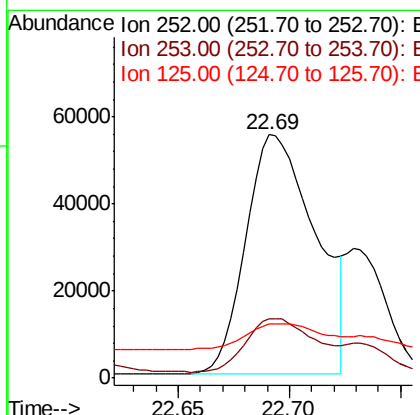
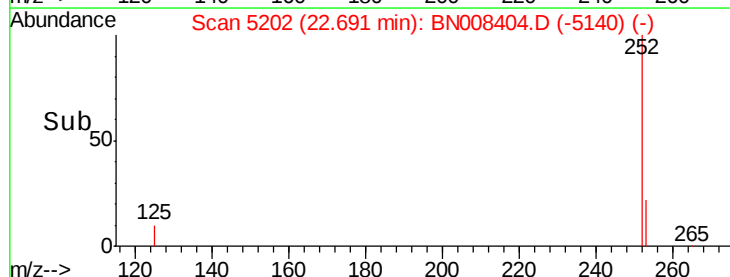
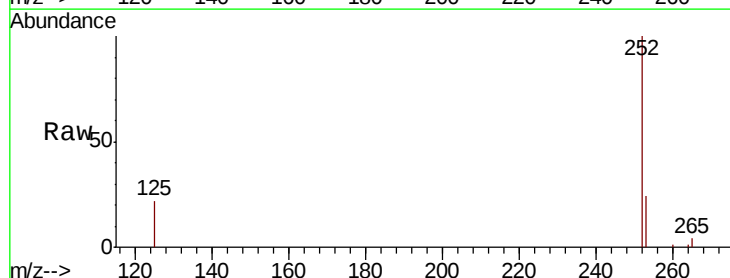
RT: 22.69 min Scan# 5202

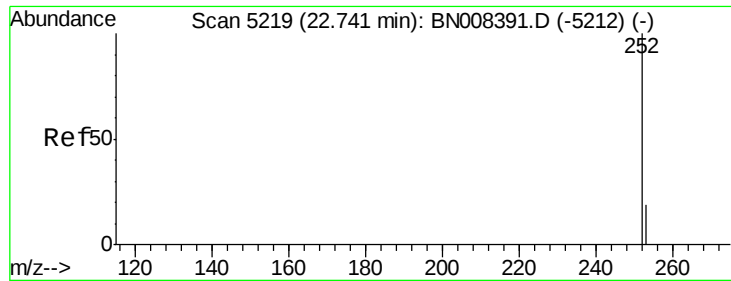
Delta R.T. -0.02 min

Lab File: BN008404.D

Acq: 25 Oct 2019 00:59

Tgt Ion:	252	Resp:	120271
Ion Ratio	Lower	Upper	
252	100		
253	24.5	0.0	53.4
125	22.1	0.0	32.4





#22

Benzo(k)fluoranthene

Concen: 0.975 ng/ul m

RT: 22.73 min Scan# 5215

Delta R.T. -0.02 min

Lab File: BN008404.D

Acq: 25 Oct 2019 00:59

Instrument :

BNA_N

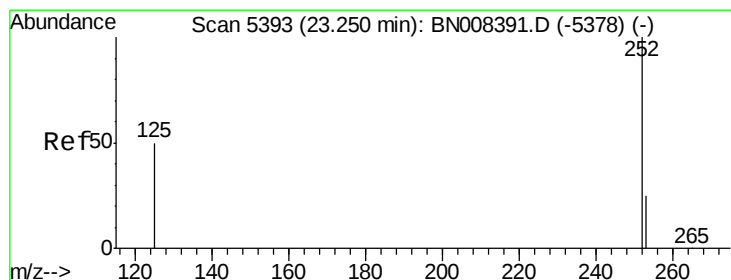
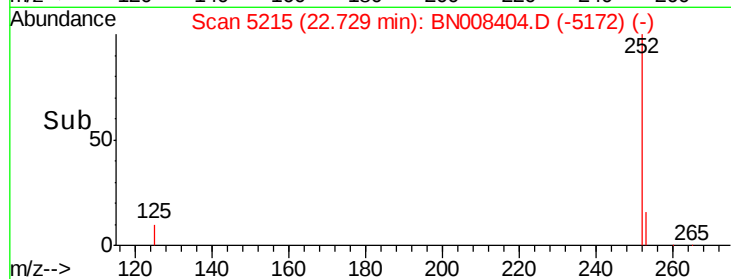
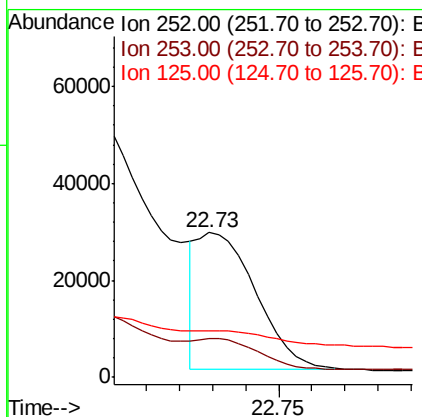
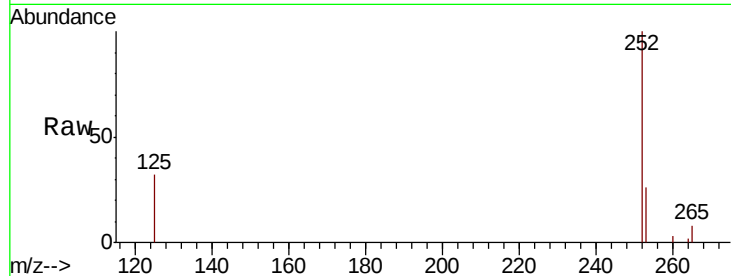
ClientSampleId :

BEPL2DL

Tot Ion:	252	Resp:	34304
Ion Ratio	Lower	Upper	
252	100		
253	26.5	21.3	31.9
125	32.1	12.3	18.5#

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#23

Benzo(a)pyrene

Concen: 2.311 ng/ul

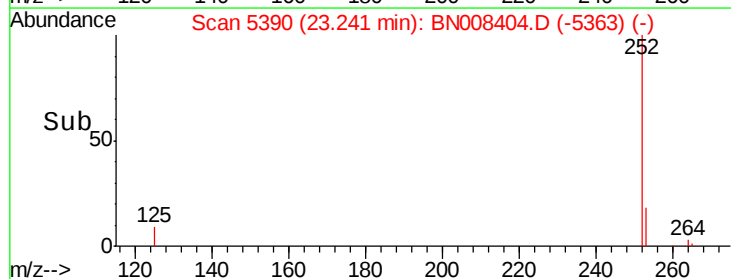
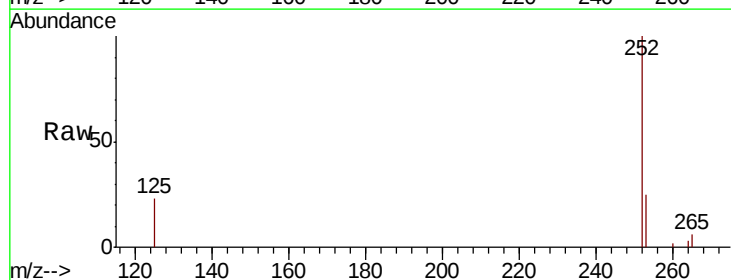
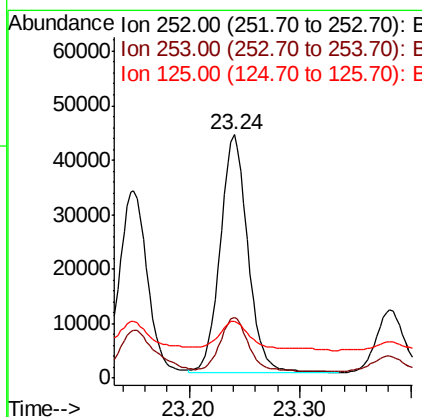
RT: 23.24 min Scan# 5390

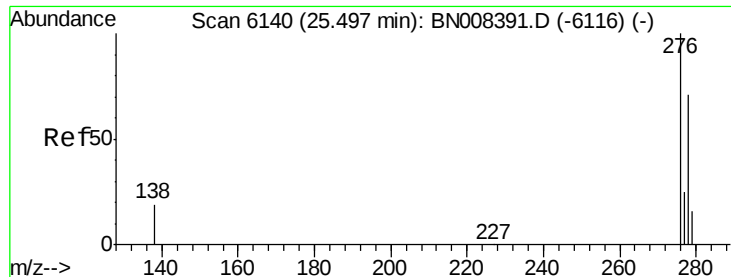
Delta R.T. -0.02 min

Lab File: BN008404.D

Acq: 25 Oct 2019 00:59

Tgt Ion:	252	Resp:	75539
Ion Ratio	Lower	Upper	
252	100		
253	25.0	22.8	34.2
125	23.5	18.4	27.6





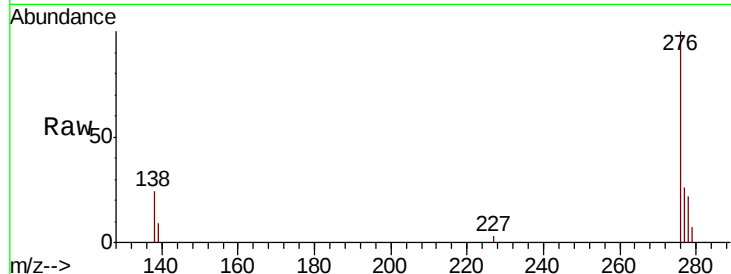
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.451 ng/ul
 RT: 25.48 min Scan# 6136
 Delta R.T. -0.03 min
 Lab File: BN008404.D
 Acq: 25 Oct 2019 00:59

Instrument :
 BNA_N
 ClientSampleId :
 BEPL2DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	16.1	24.1
227	0.7	0.2	0.2#

Manual Integrations
 APPROVED

mohammad
 10/25/2019 8:06:27 AM

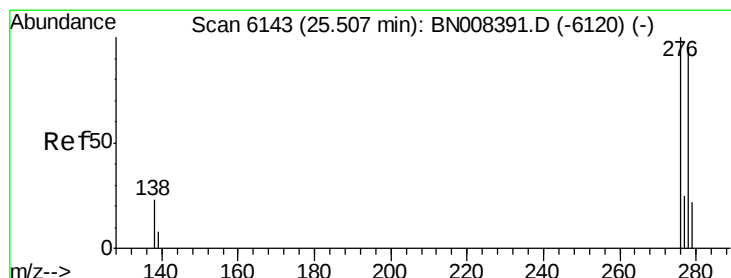
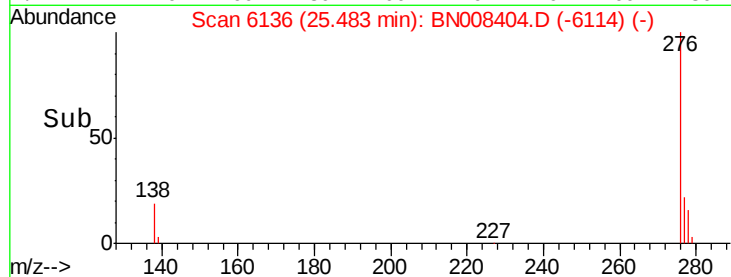
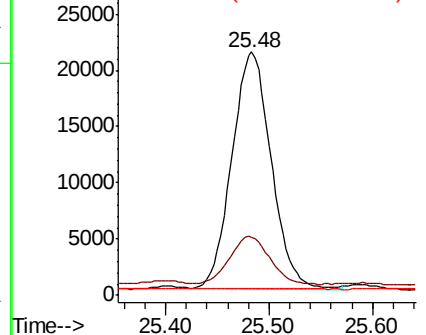


Abundance

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: 0.435 ng/ul
 RT: 25.49 min Scan# 6137
 Delta R.T. -0.04 min
 Lab File: BN008404.D
 Acq: 25 Oct 2019 00:59

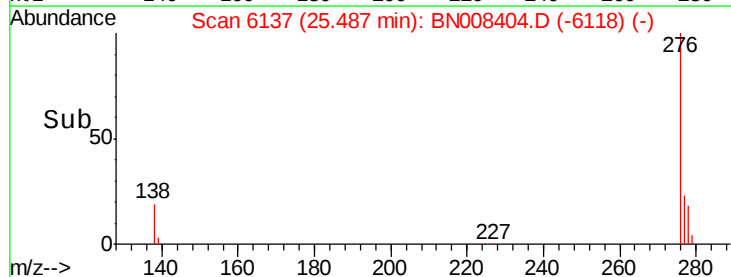
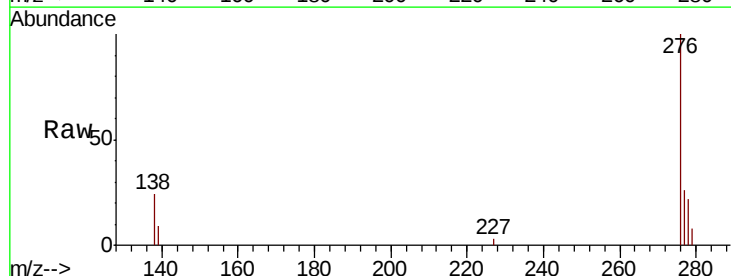
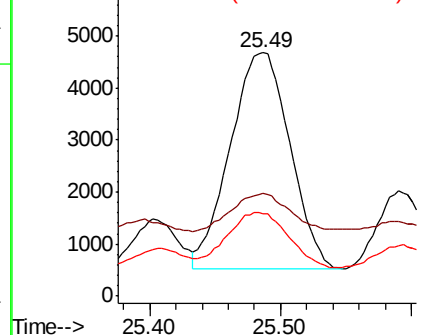
Tgt Ion	Ratio	Lower	Upper
278	100		
139	42.2	15.0	22.6#
279	34.0	22.4	33.6#

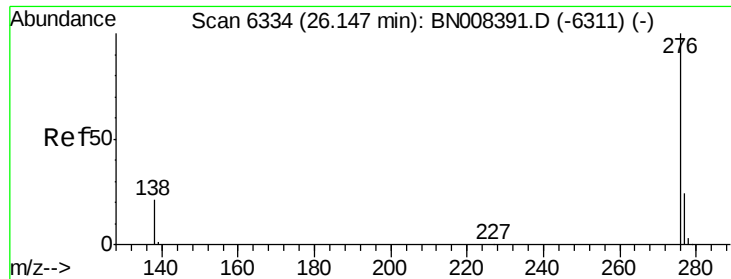
Abundance

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: 1.691 ng/ul
RT: 26.14 min Scan# 6331
Delta R.T. -0.03 min
Lab File: BN008404.D
Acq: 25 Oct 2019 00:59

Instrument :
BNA_N
ClientSampleId :
BEPL2DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.5	17.0	25.4
277	24.7	20.4	30.6

Manual Integrations
APPROVED

mohammad
10/25/2019 8:06:27 AM

