

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
 Data File : BN008428.D
 Acq On : 25 Oct 2019 15:51
 Operator : JU
 Sample : K5236-04DL 10X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPL3DL

Manual Integrations
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Quant Time: Oct 25 16:27:27 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	1391	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	7173	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	4811	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	10275	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	9060	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	8112	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	220	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	724	0.02	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.38	128	1524	0.075	ng/ul#	87
5) 2-Methylnaphthalene	12.02	142	886	0.063	ng/ul	99
7) Acenaphthylene	13.93	152	2272	0.099	ng/ul#	91
8) Acenaphthene	14.27	153	1088	0.061	ng/ul	96
9) Fluorene	15.26	166	1083	0.054	ng/ul#	92
12) Phenanthrene	17.00	178	19648	0.653	ng/ul	100
13) Anthracene	17.09	178	3683	0.139	ng/ul#	90
15) Fluoranthene	19.02	202	33634	0.847	ng/ul	97
17) Pyrene	19.39	202	28953	0.803	ng/ul	99
18) Benzo(a)anthracene	21.15	228	14085	0.428	ng/ul	92
19) Chrysene	21.20	228	15189m	0.376	ng/ul	
21) Benzo(b)fluoranthene	22.69	252	18574m	0.703	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	6902m	0.231	ng/ul	
23) Benzo(a)pyrene	23.24	252	11585	0.417	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.48	276	9506	0.290	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.49	278	1913	0.074	ng/ul#	37
26) Benzo(a,h,i)perylene	26.14	276	10008	0.333	ng/ul#	92

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

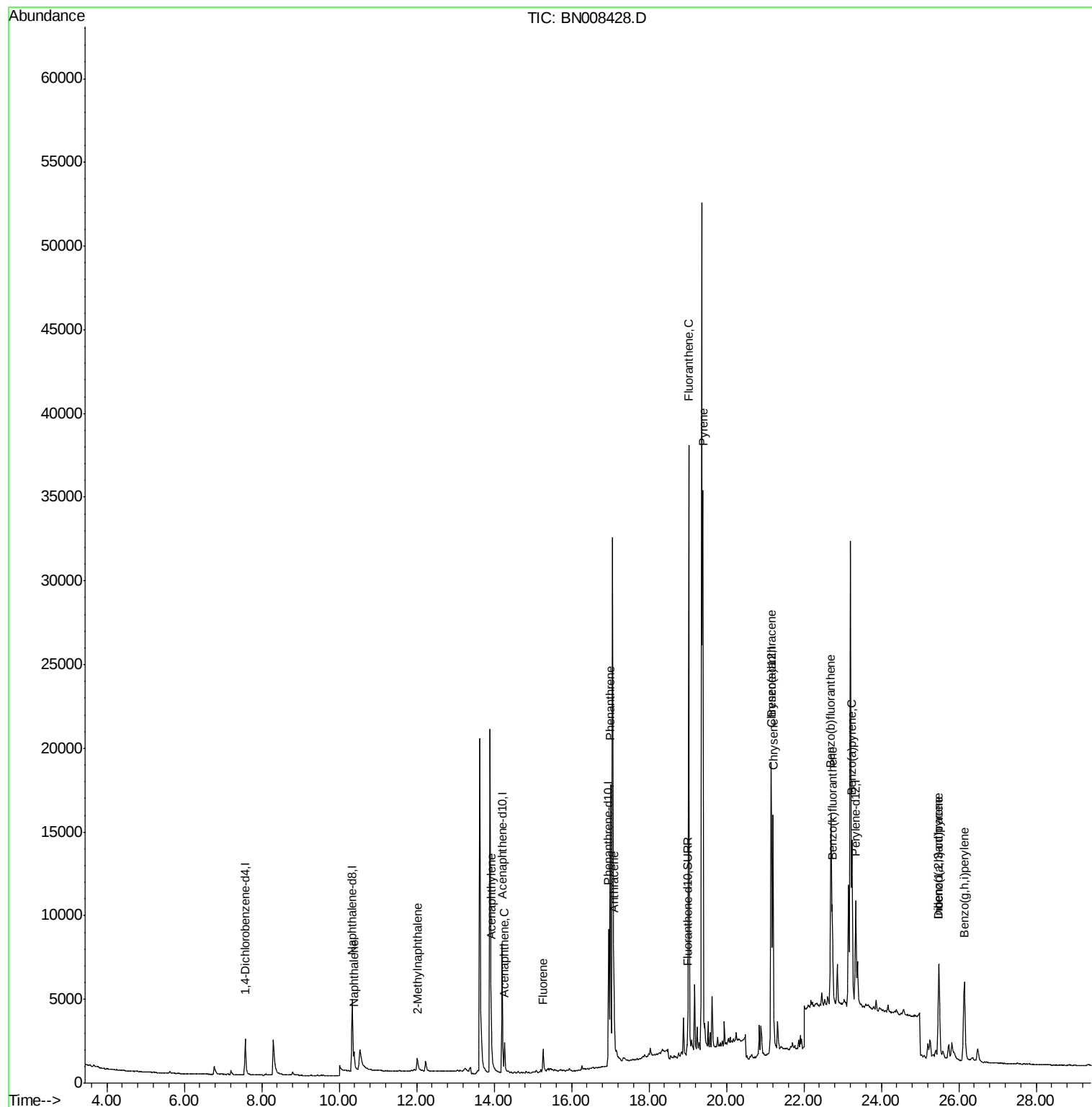
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
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ALS Vial : 50 Sample Multiplier: 1

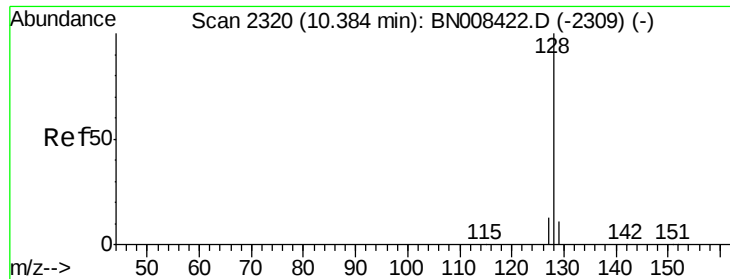
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 25 13:14:06 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.075 ng/ul

RT: 10.38 min Scan# 2320

Delta R.T. 0.00 min

Lab File: BN008428.D

Acq: 25 Oct 2019 15:51

Instrument :

BNA_N

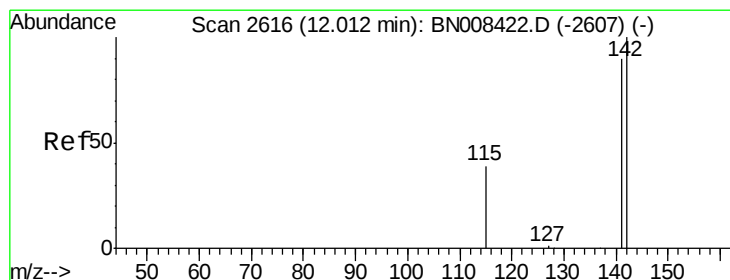
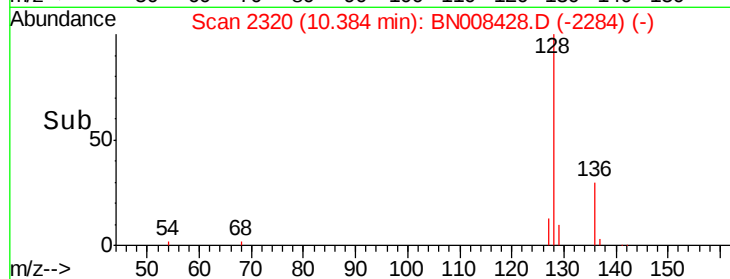
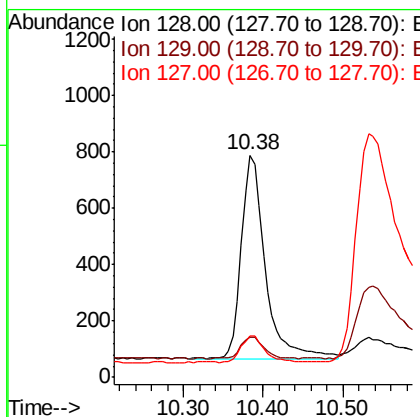
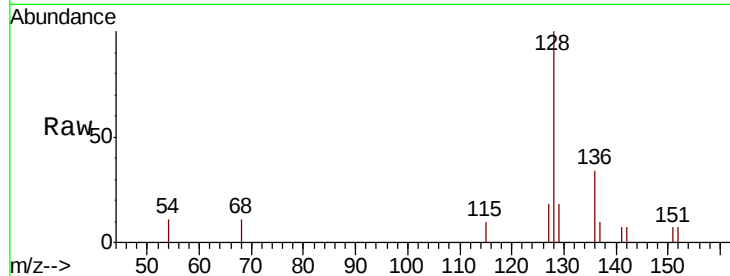
ClientSampleId :

BEPL3DL

Tot Ion:	128	Resp:	1524
Ion Ratio	Lower	Upper	
128	100		
129	18.3	9.8	14.8#
127	18.4	11.1	16.7#

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#5

2-Methylnaphthalene

Concen: 0.063 ng/ul

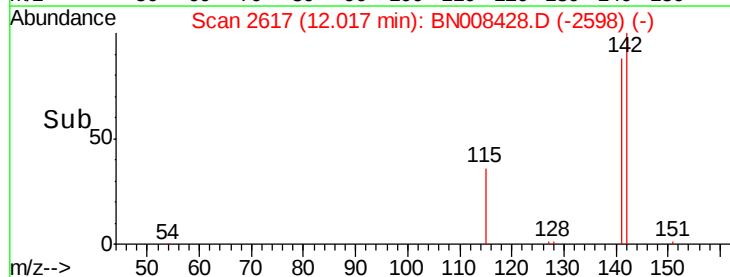
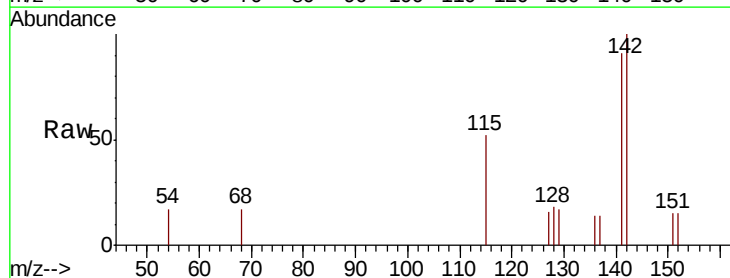
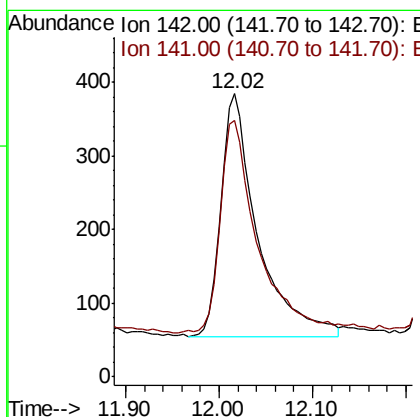
RT: 12.02 min Scan# 2617

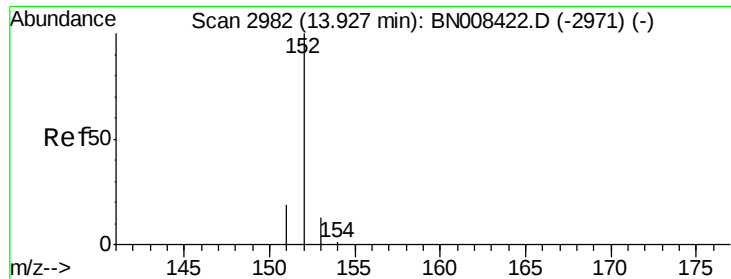
Delta R.T. 0.01 min

Lab File: BN008428.D

Acq: 25 Oct 2019 15:51

Tgt Ion:	142	Resp:	886
Ion Ratio	Lower	Upper	
142	100		
141	90.3	71.4	107.2





#7

Acenaphthylene

Concen: 0.099 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. 0.00 min

Lab File: BN008428.D

Acq: 25 Oct 2019 15:51

Instrument :

BNA_N

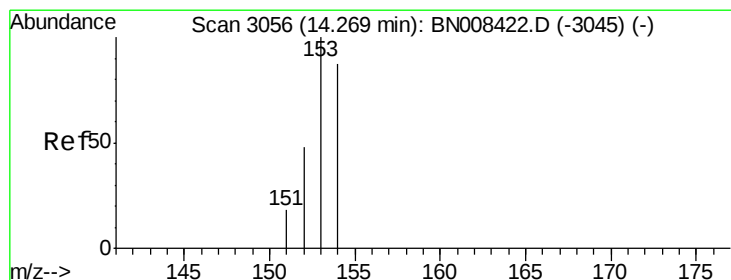
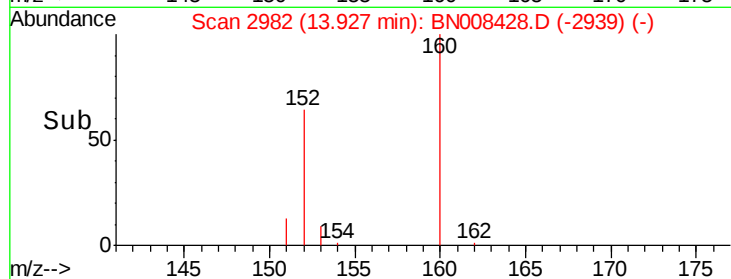
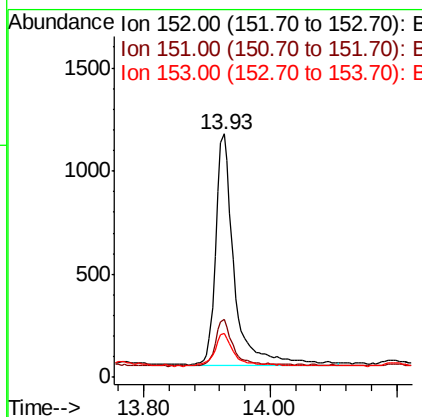
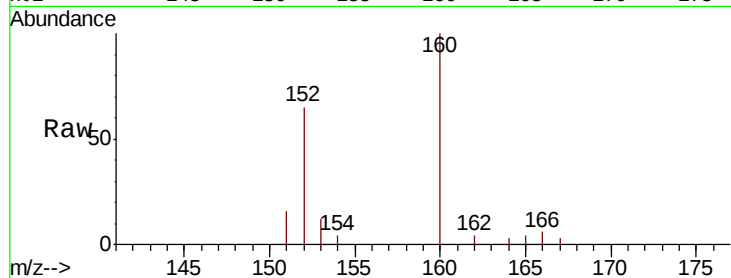
ClientSampleId :

BEPL3DL

Tot Ion:	152	Resp:	2272
Ion Ratio	Lower	Upper	
152	100		
151	23.8	16.2	24.4
153	18.3	11.0	16.4

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#8

Acenaphthene

Concen: 0.061 ng/ul

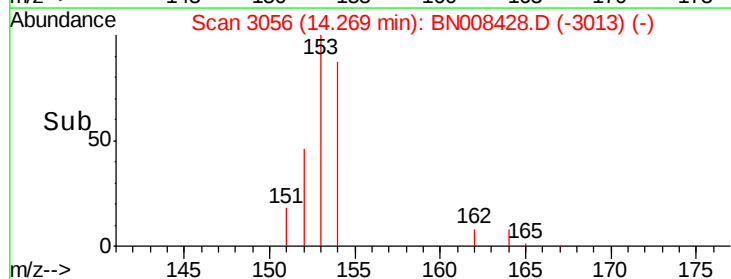
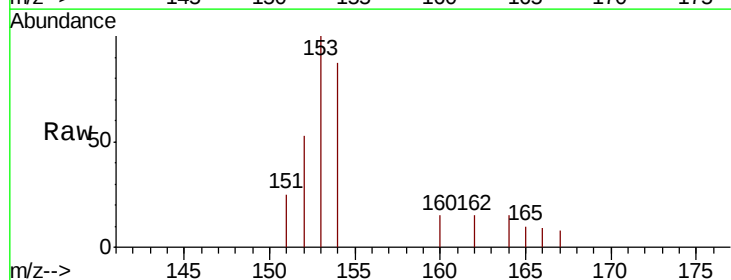
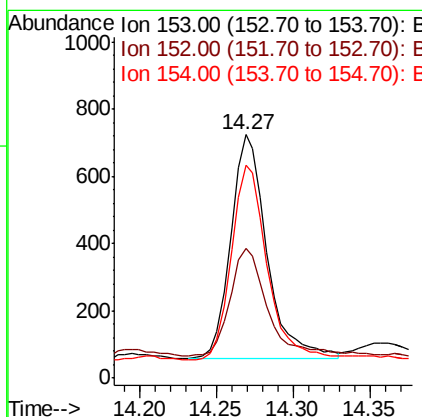
RT: 14.27 min Scan# 3056

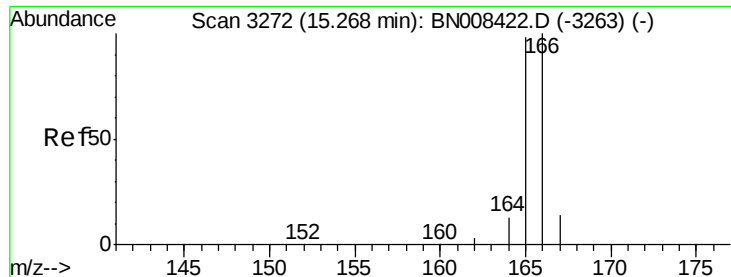
Delta R.T. 0.00 min

Lab File: BN008428.D

Acq: 25 Oct 2019 15:51

Tgt Ion:	153	Resp:	1088
Ion Ratio	Lower	Upper	
153	100		
152	53.1	38.2	57.2
154	87.4	71.8	107.8





#9

Fluorene

Concen: 0.054 ng/ul

RT: 15.26 min Scan# 3271

Delta R.T. -0.00 min

Lab File: BN008428.D

Acq: 25 Oct 2019 15:51

Instrument :

BNA_N

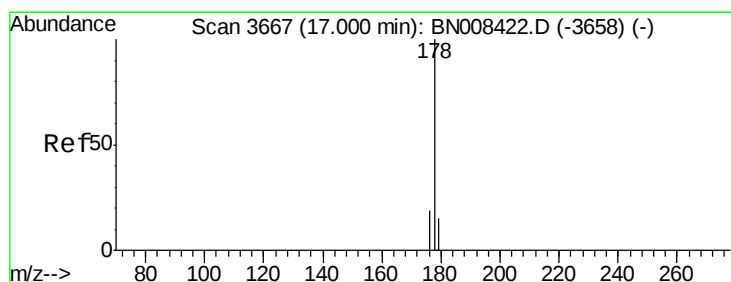
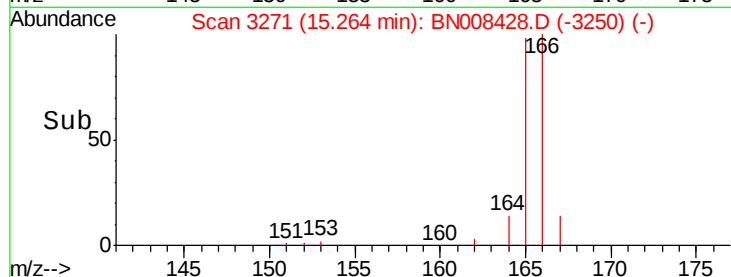
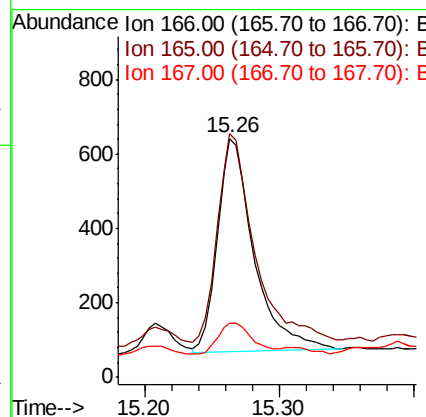
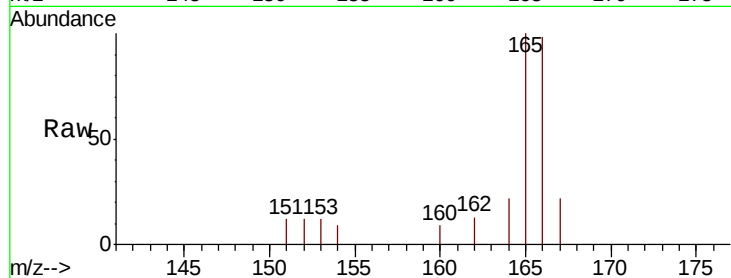
ClientSampleId :

BEPL3DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.9	76.6	115.0
167	22.9	11.7	17.5

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#12

Phenanthrene

Concen: 0.653 ng/ul

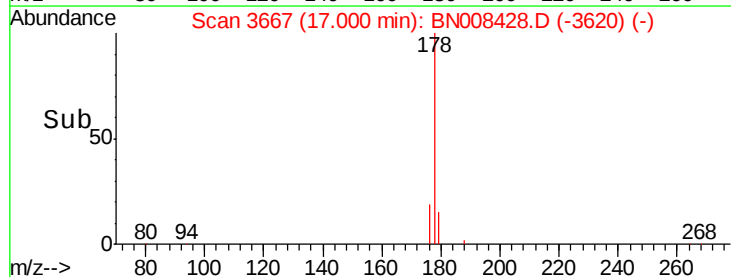
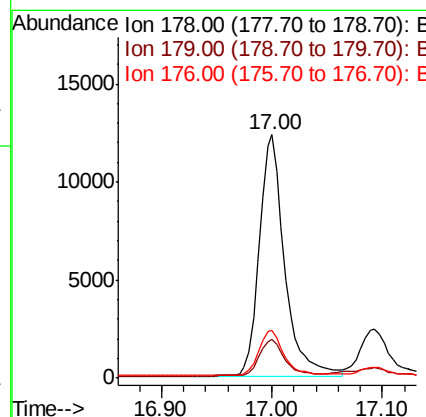
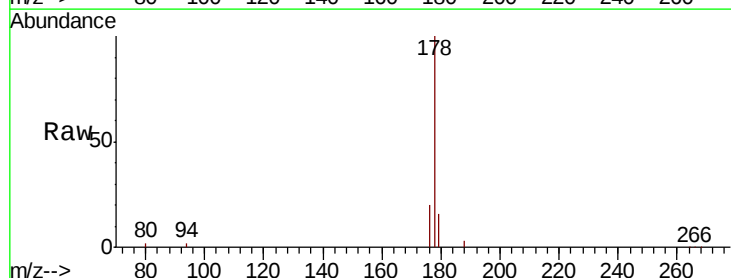
RT: 17.00 min Scan# 3667

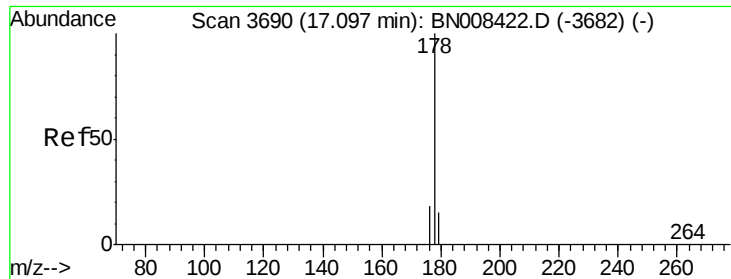
Delta R.T. 0.00 min

Lab File: BN008428.D

Acq: 25 Oct 2019 15:51

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.8	19.2
176	19.5	15.4	23.2





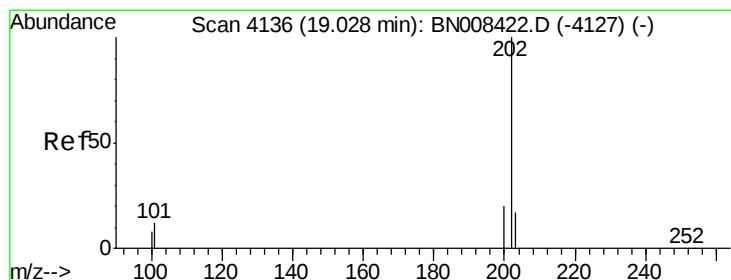
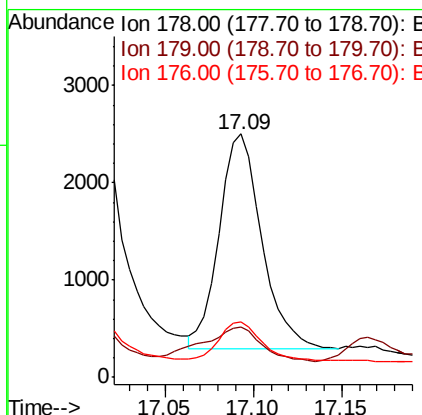
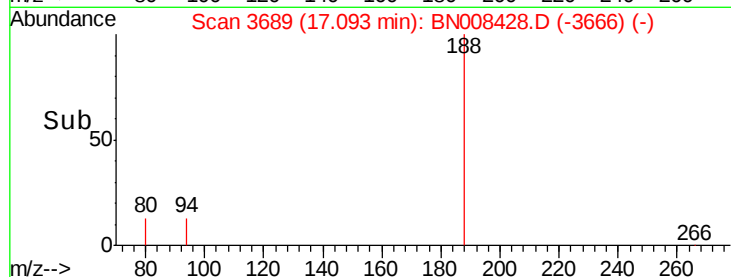
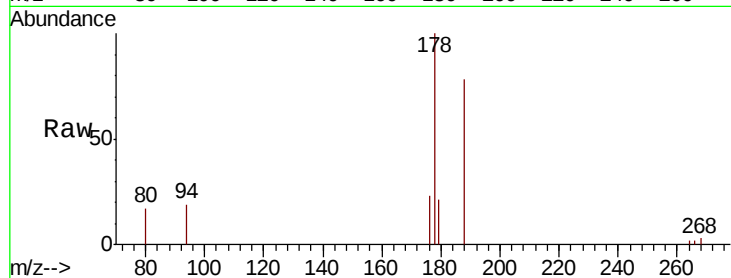
#13
 Anthracene
 Concen: 0.139 ng/ul
 RT: 17.09 min Scan# 3689
 Delta R.T. -0.00 min
 Lab File: BN008428.D
 Acq: 25 Oct 2019 15:51

Instrument :
 BNA_N
 ClientSampleId :
 BEPL3DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	20.7	13.0	19.6#
176	22.9	15.0	22.6#

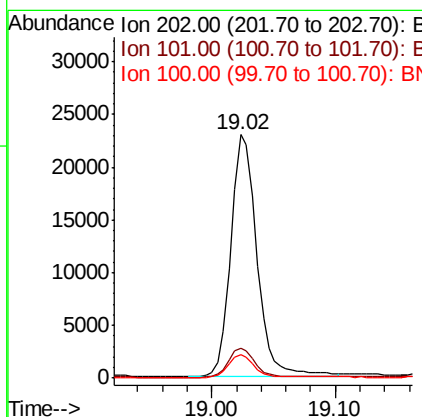
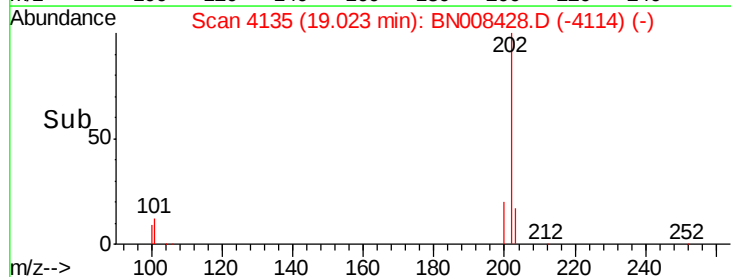
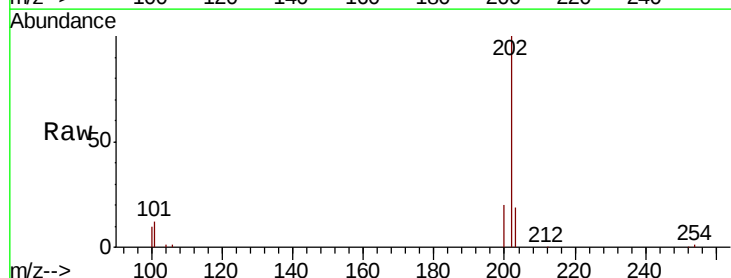
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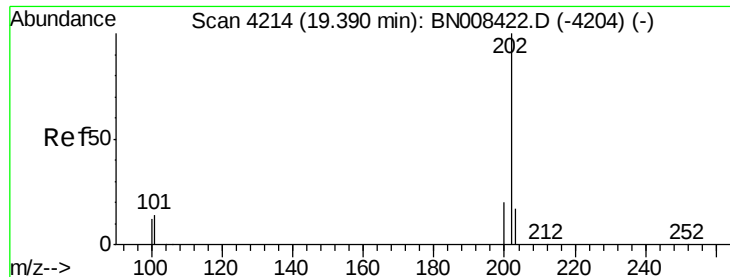
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#15
 Fluoranthene
 Concen: 0.847 ng/ul
 RT: 19.02 min Scan# 4135
 Delta R.T. -0.00 min
 Lab File: BN008428.D
 Acq: 25 Oct 2019 15:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.2
100	9.7	0.0	28.5





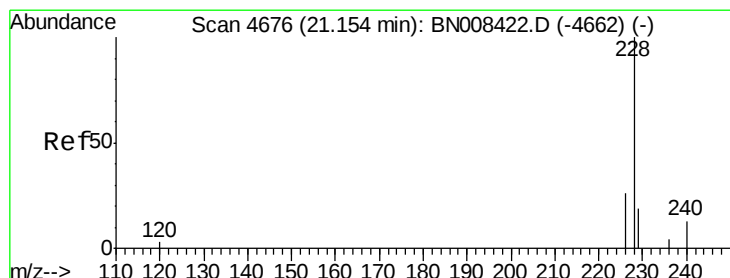
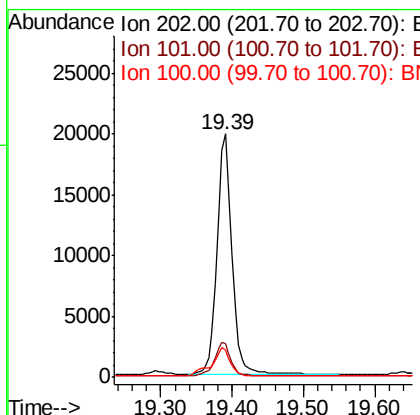
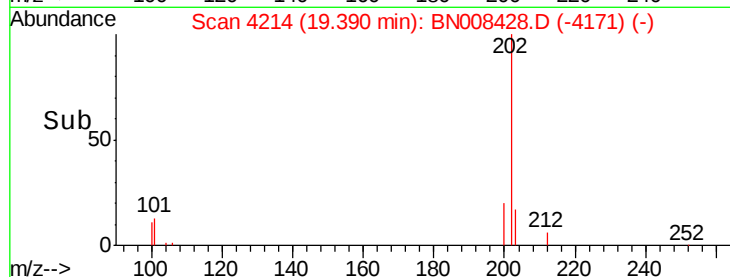
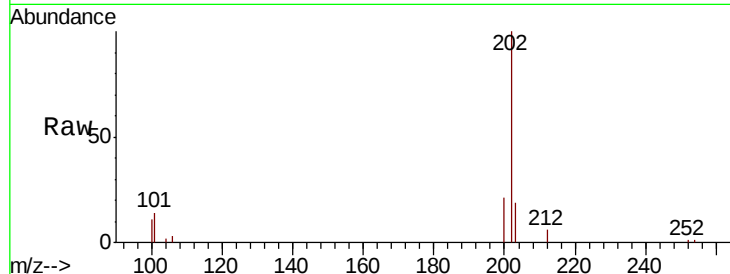
#17
Pvrene
Concen: 0.803 ng/ul
RT: 19.39 min Scan# 4214
Delta R.T. 0.00 min
Lab File: BN008428.D
Acq: 25 Oct 2019 15:51

Instrument :
BNA_N
ClientSampleId :
BEPL3DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.8	10.9	16.3
100	11.1	8.7	13.1

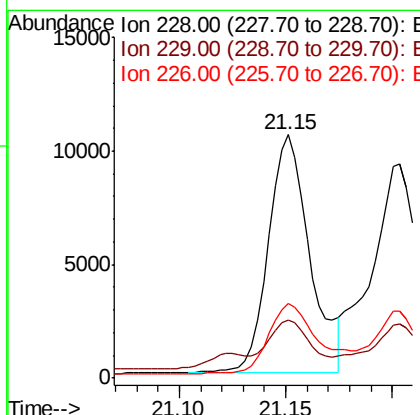
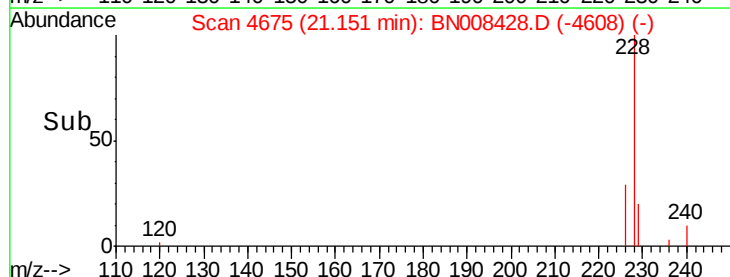
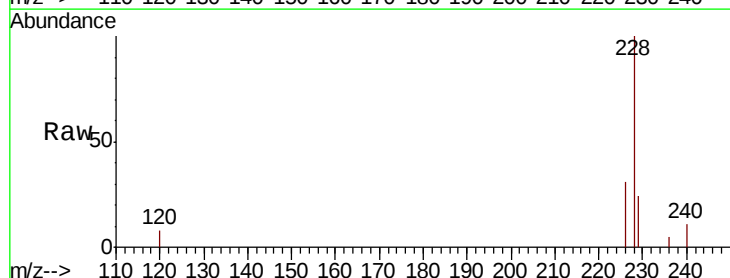
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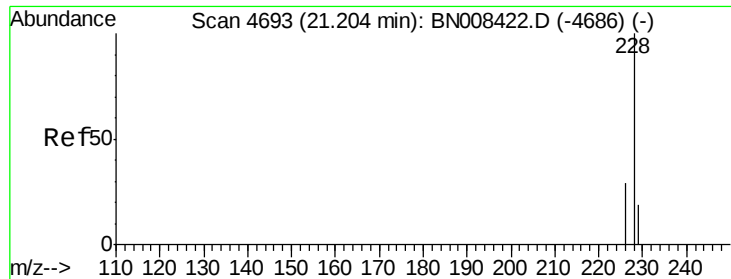
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#18
Benzo(a)anthracene
Concen: 0.428 ng/ul
RT: 21.15 min Scan# 4675
Delta R.T. -0.00 min
Lab File: BN008428.D
Acq: 25 Oct 2019 15:51

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	24.1	16.2	24.2
226	30.6	21.4	32.0





#19

Chrysene

Concen: 0.376 ng/ul m

RT: 21.20 min Scan# 4693

Delta R.T. 0.00 min

Lab File: BN008428.D

Acq: 25 Oct 2019 15:51

Instrument :

BNA_N

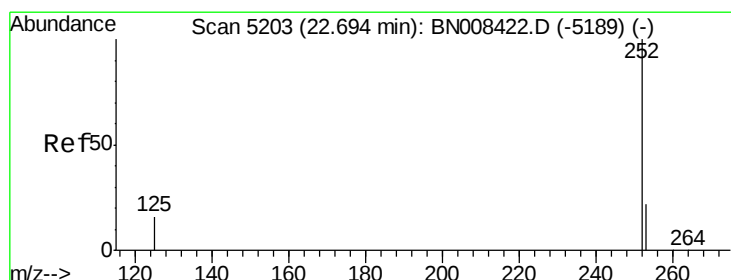
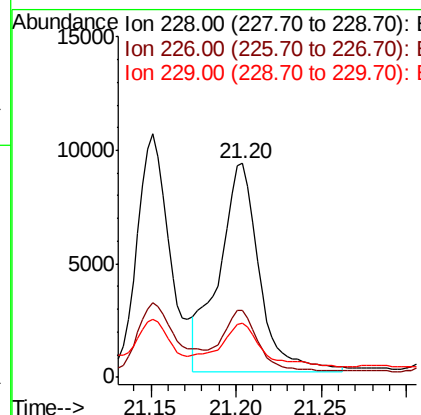
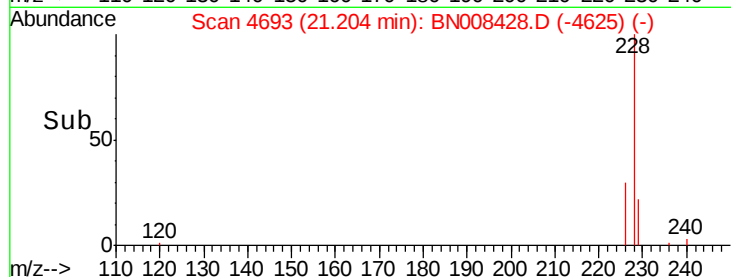
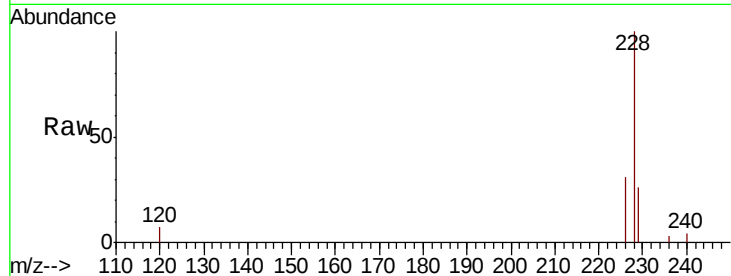
ClientSampleId :

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Tot Ion:	228	Resp:	15189
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.1	36.1
229	25.5	16.2	24.2#

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#21

Benzo(b)fluoranthene

Concen: 0.703 ng/ul m

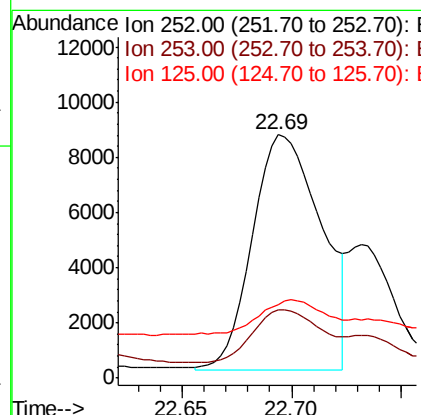
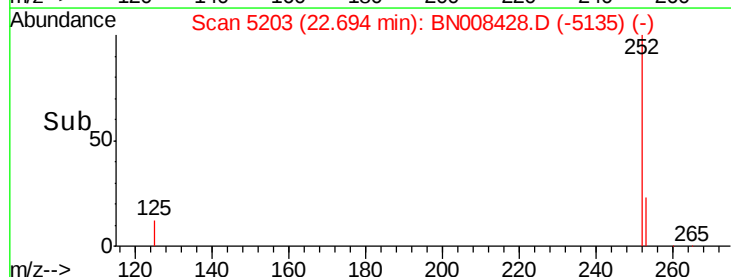
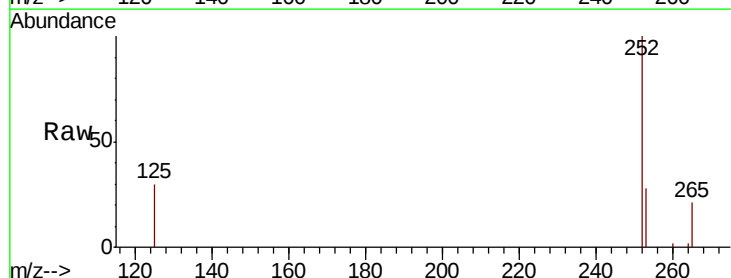
RT: 22.69 min Scan# 5203

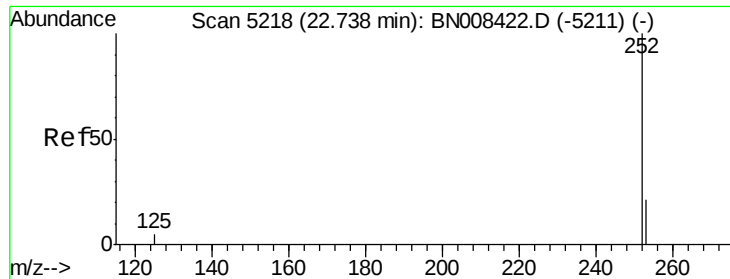
Delta R.T. 0.00 min

Lab File: BN008428.D

Acq: 25 Oct 2019 15:51

Tgt Ion:	252	Resp:	18574
Ion Ratio	Lower	Upper	
252	100		
253	28.0	0.0	53.4
125	30.4	0.0	32.4





#22

Benzo(k)fluoranthene

Concen: 0.231 ng/ul m

RT: 22.73 min Scan# 5216

Delta R.T. -0.01 min

Lab File: BN008428.D

Acq: 25 Oct 2019 15:51

Instrument :

BNA_N

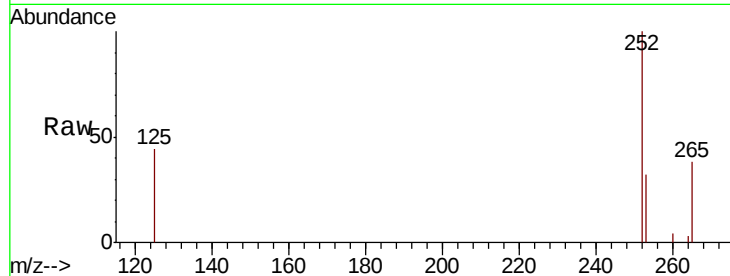
ClientSampleId :

BEPL3DL

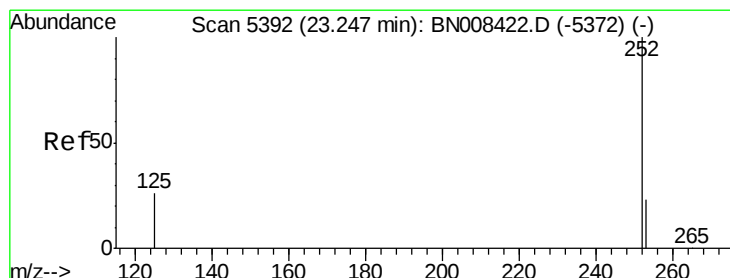
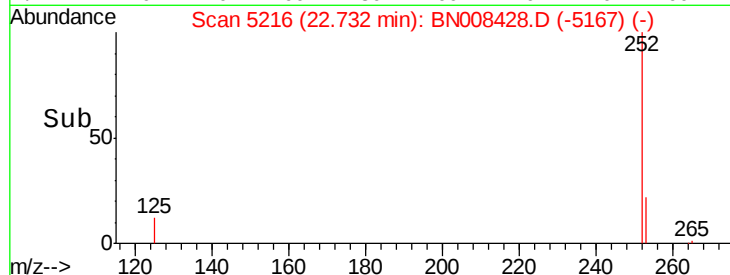
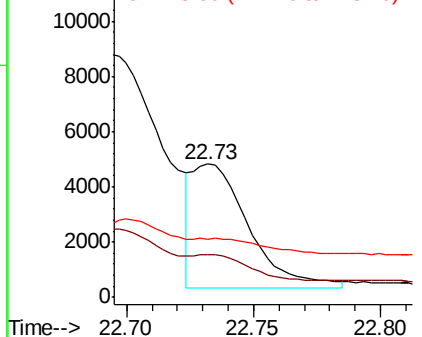
Tot Ion:	252	Resp:	6902
Ion Ratio	Lower	Upper	
252	100		
253	32.4	21.3	31.9#
125	43.6	12.3	18.5#

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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: 0.417 ng/ul

RT: 23.24 min Scan# 5390

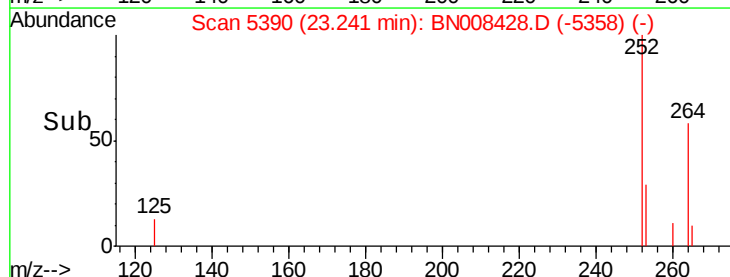
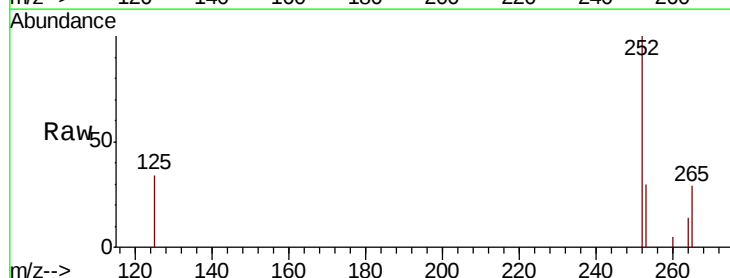
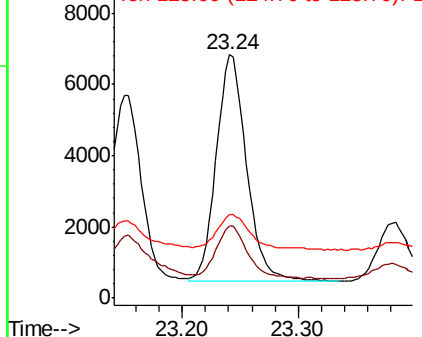
Delta R.T. -0.01 min

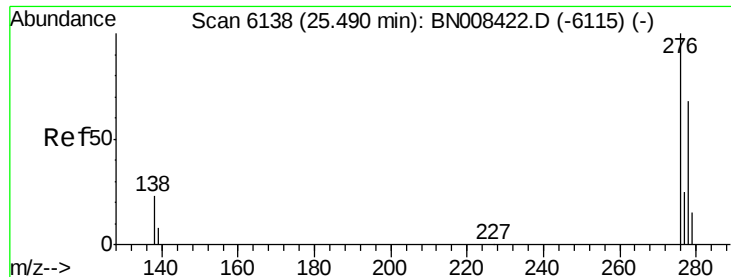
Lab File: BN008428.D

Acq: 25 Oct 2019 15:51

Tgt Ion:	252	Resp:	11585
Ion Ratio	Lower	Upper	
252	100		
253	29.8	22.8	34.2
125	34.2	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





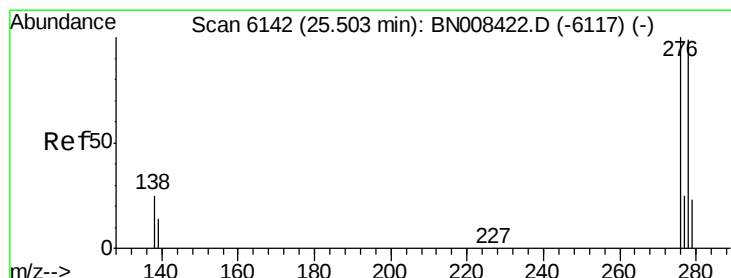
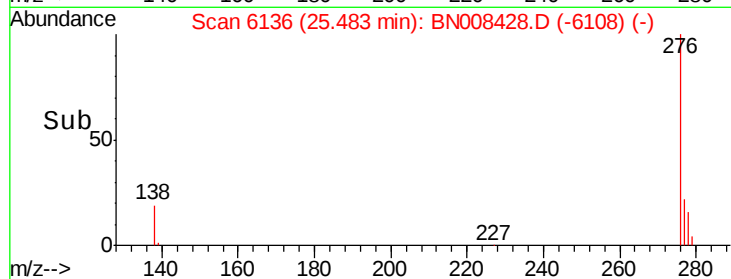
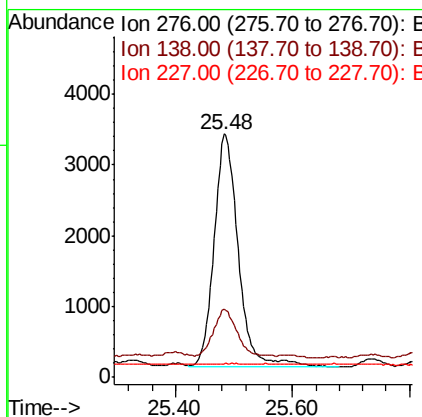
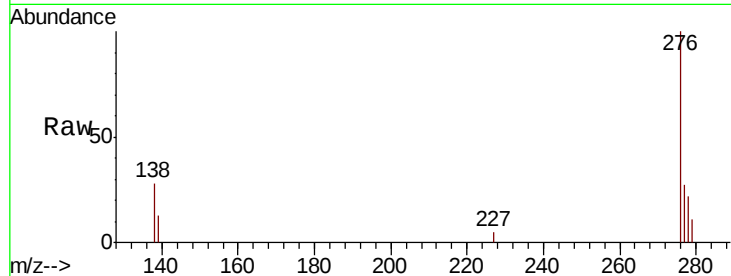
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.290 ng/ul
 RT: 25.48 min Scan# 6136
 Delta R.T. -0.01 min
 Lab File: BN008428.D
 Acq: 25 Oct 2019 15:51

Instrument :
 BNA_N
 ClientSampleId :
 BEPL3DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.5	16.1	24.1
227	0.1	0.2	0.2

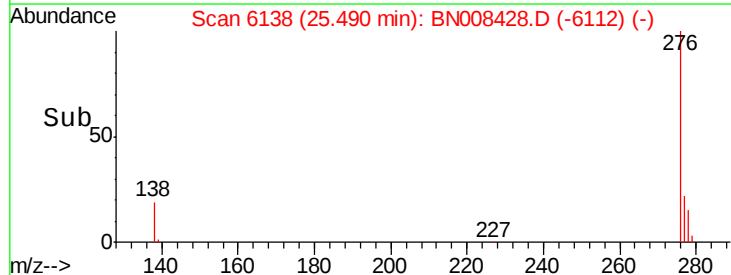
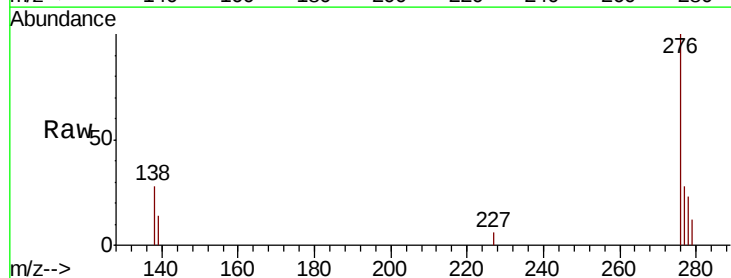
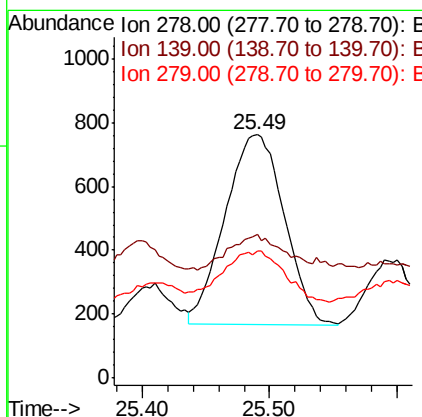
Manual Integrations
 APPROVED

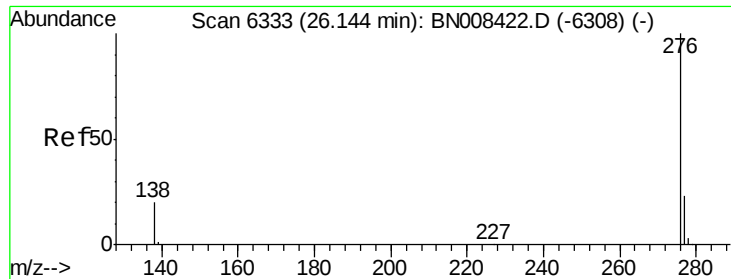
mohammad
 10/25/2019 9:29:12 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.074 ng/ul
 RT: 25.49 min Scan# 6138
 Delta R.T. -0.01 min
 Lab File: BN008428.D
 Acq: 25 Oct 2019 15:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	58.8	15.0	22.6
279	52.2	22.4	33.6





#26
Benzo(a,h,i)perylene
Concen: 0.333 ng/ul
RT: 26.14 min Scan# 6332
Delta R.T. -0.00 min
Lab File: BN008428.D
Acq: 25 Oct 2019 15:51

Instrument :
BNA_N
ClientSampleId :
BEPL3DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.8	17.0	25.4#
277	27.4	20.4	30.6

Manual Integrations
APPROVED

mohammad
10/25/2019 9:29:12 PM

