

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
 Data File : BN008418.D
 Acq On : 25 Oct 2019 09:18
 Operator : JU
 Sample : K5236-11DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPM1DL

Manual Integrations
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 10/25/2019 9:28:31 PM

Quant Time: Oct 25 12:12:23 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	2134	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	10839	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	7107	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	15099	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	12403	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	9830	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	559	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	1899	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.38	128	1662	0.054	ng/ul#	88
5) 2-Methylnaphthalene	12.02	142	1423	0.067	ng/ul	100
7) Acenaphthylene	13.93	152	8385	0.248	ng/ul	99
8) Acenaphthene	14.27	153	2793	0.106	ng/ul	97
9) Fluorene	15.26	166	5911	0.198	ng/ul	97
12) Phenanthrene	17.00	178	101192	2.289	ng/ul	99
13) Anthracene	17.09	178	18269	0.470	ng/ul	99
15) Fluoranthene	19.03	202	198711	3.403	ng/ul	100
17) Pyrene	19.39	202	154650	3.132	ng/ul	100
18) Benzo(a)anthracene	21.15	228	80724	1.790	ng/ul	98
19) Chrysene	21.20	228	80244	1.450	ng/ul	98
21) Benzo(b)fluoranthene	22.69	252	90451m	2.827	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	33483m	0.924	ng/ul	
23) Benzo(a)pyrene	23.24	252	56459m	1.677	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.49	276	35327	0.891	ng/ul	99
25) Dibenzo(a,h)anthracene	25.49	278	8897	0.284	ng/ul#	85
26) Benzo(a,h,i)perylene	26.14	276	32626	0.897	ng/ul	98

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

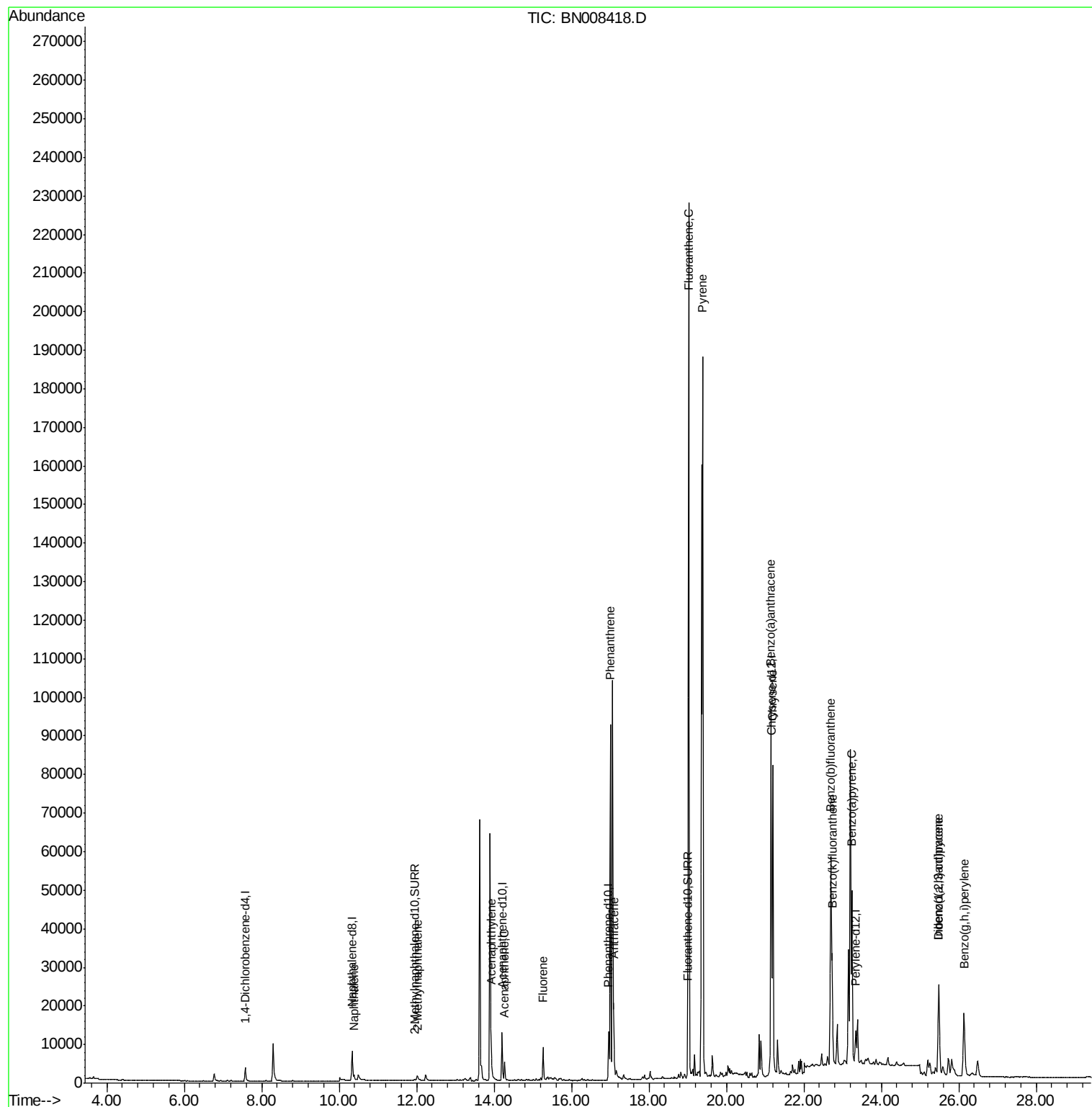
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
Data File : BN008418.D
Acq On : 25 Oct 2019 09:18
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Sample : K5236-11DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

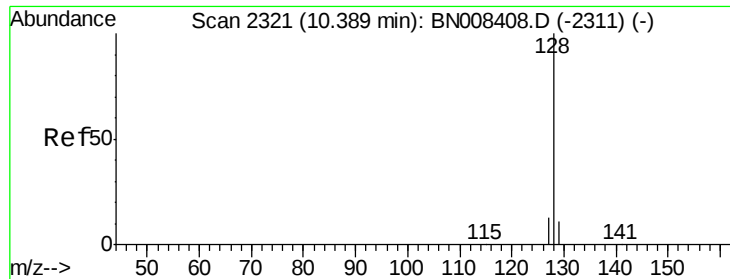
Instrument :
BNA_N
ClientSampleId :
BEPM1DL

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Quant Time: Oct 25 12:12:23 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: 0.054 ng/ul

RT: 10.38 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BN008418.D

Acq: 25 Oct 2019 09:18

Instrument :

BNA_N

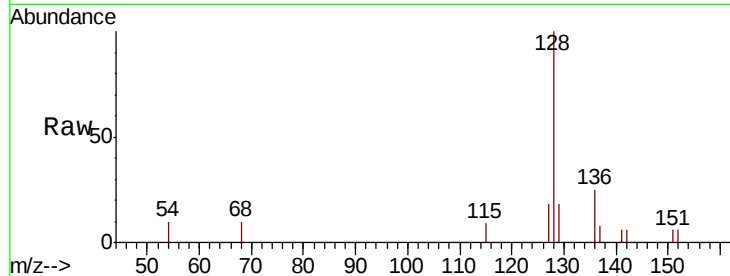
ClientSampleId :

BEPM1DL

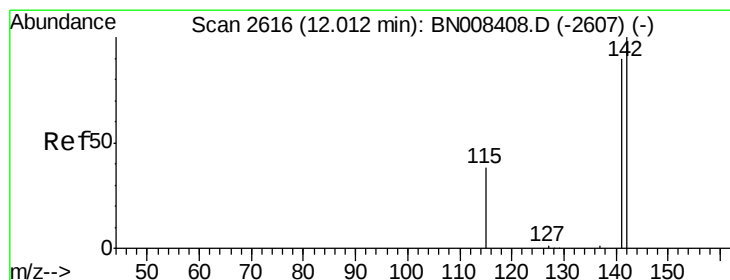
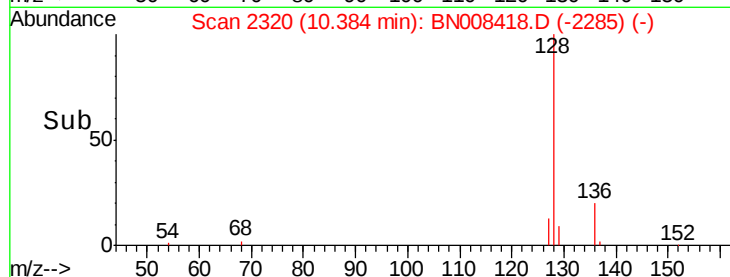
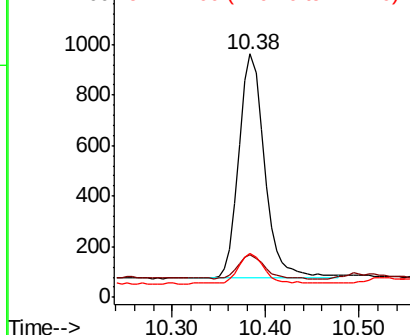
Tot Ion:	128	Resp:	1662
Ion Ratio	Lower	Upper	
128	100		
129	17.7	9.8	14.8#
127	18.0	11.1	16.7#

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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: 0.067 ng/ul

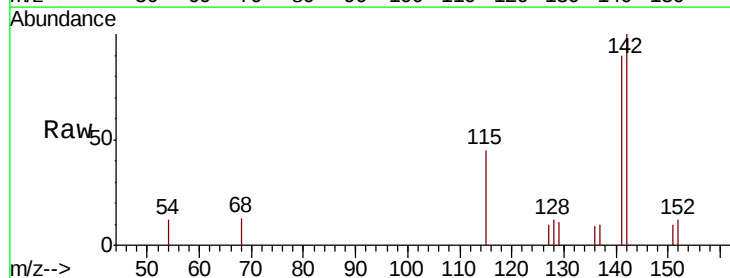
RT: 12.02 min Scan# 2617

Delta R.T. 0.01 min

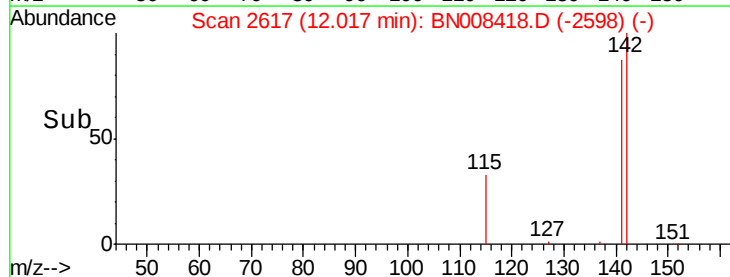
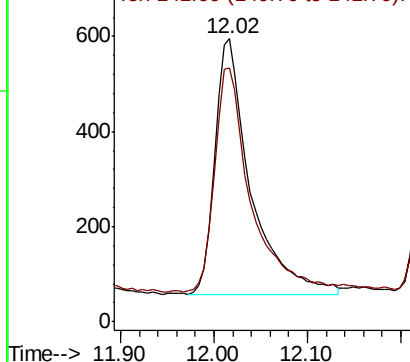
Lab File: BN008418.D

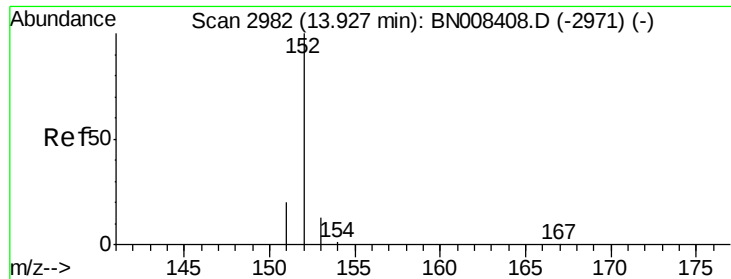
Acq: 25 Oct 2019 09:18

Tgt Ion:	142	Resp:	1423
Ion Ratio	Lower	Upper	
142	100		
141	89.0	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: 0.248 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. -0.00 min

Lab File: BN008418.D

Acq: 25 Oct 2019 09:18

Instrument :

BNA_N

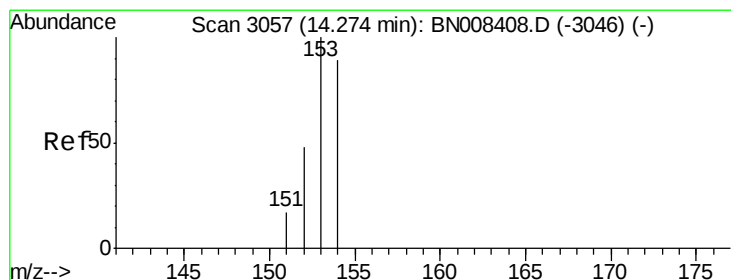
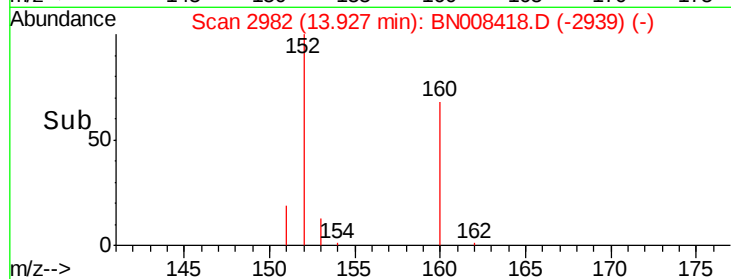
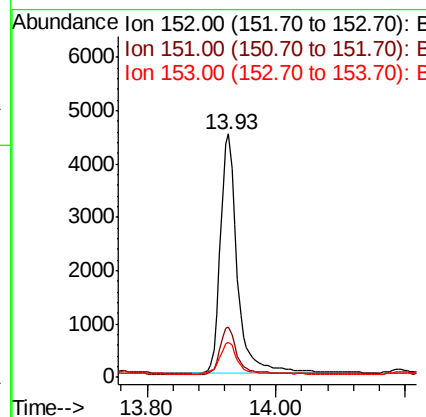
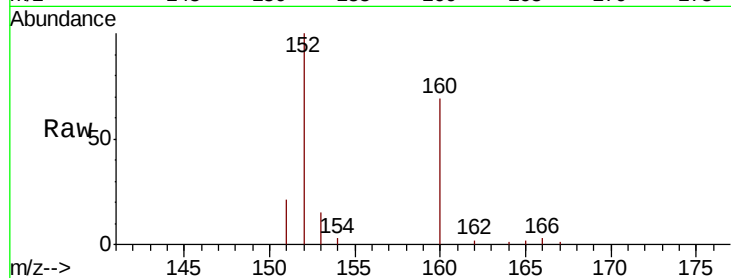
ClientSampleId :

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Tot Ion:	152	Resp:	8385
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.2	24.4
153	14.6	11.0	16.4

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#8

Acenaphthene

Concen: 0.106 ng/ul

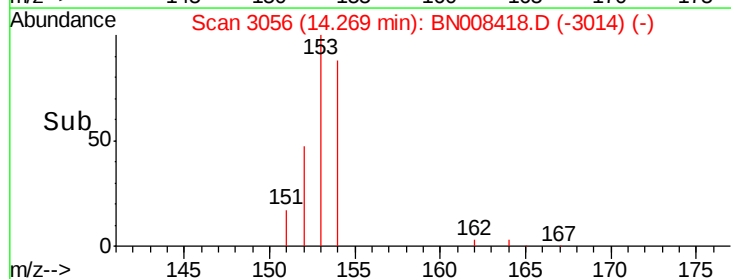
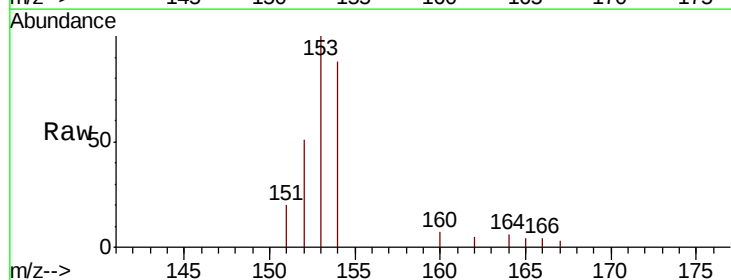
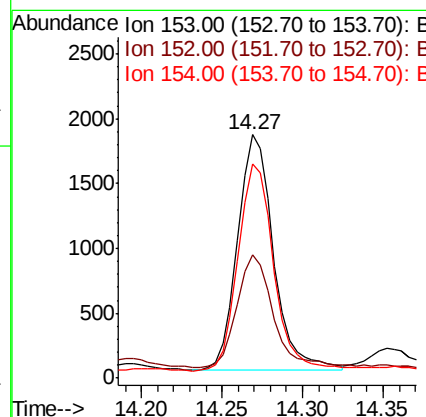
RT: 14.27 min Scan# 3056

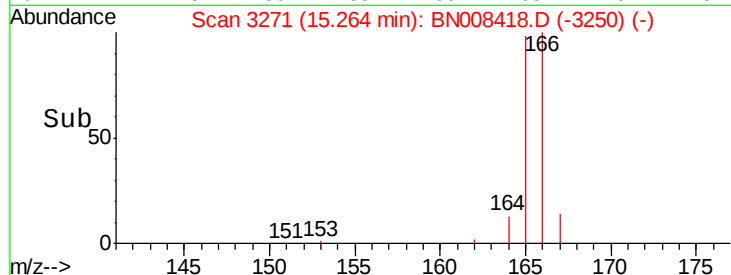
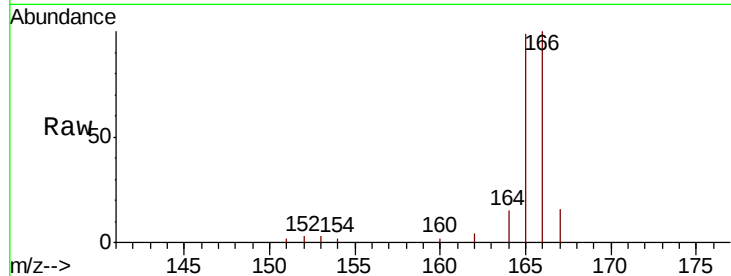
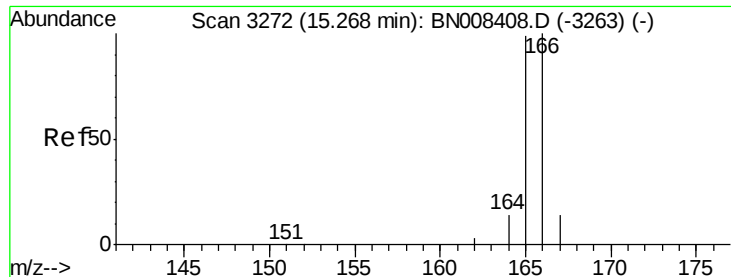
Delta R.T. -0.00 min

Lab File: BN008418.D

Acq: 25 Oct 2019 09:18

Tgt Ion:	153	Resp:	2793
Ion Ratio	Lower	Upper	
153	100		
152	50.9	38.2	57.2
154	88.0	71.8	107.8





#9

Fluorene

Concen: 0.198 ng/ul

RT: 15.26 min Scan# 3271

Delta R.T. -0.00 min

Lab File: BN008418.D

Acq: 25 Oct 2019 09:18

Tot Ion	Ion	Ratio	Resp	Lower	Upper
5911	166	100			
	165	99.0	76.6	115.0	
	167	16.3	11.7	17.5	

Instrument :

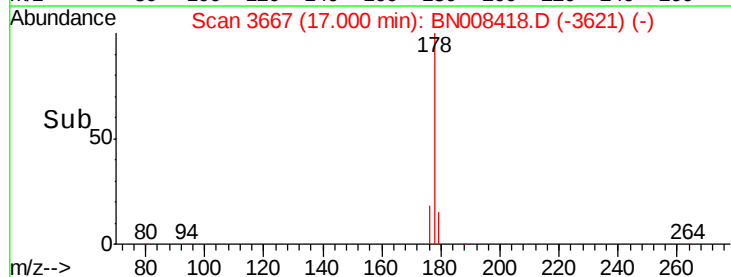
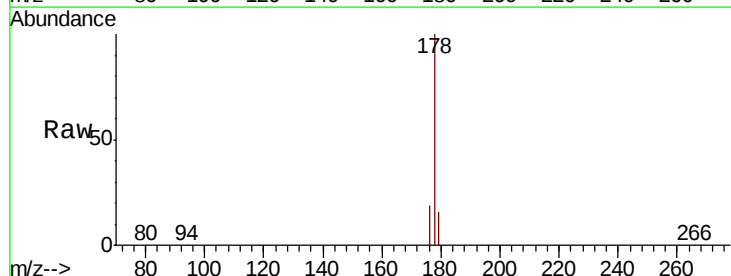
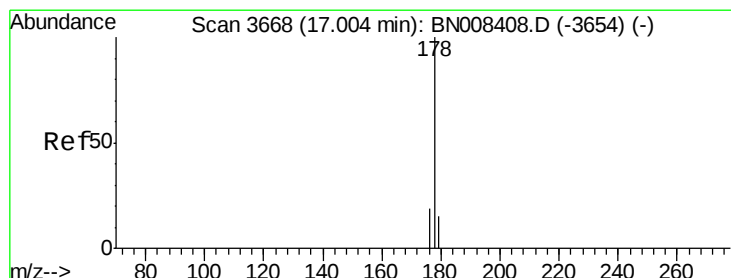
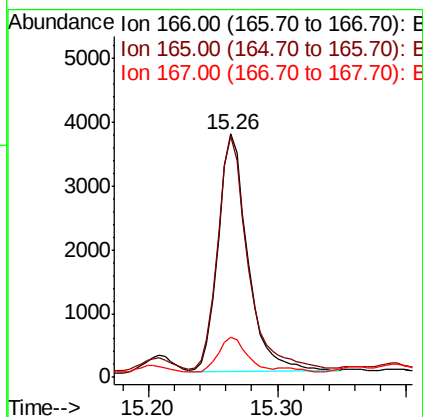
BNA_N

ClientSampleID :

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#12

Phenanthrene

Concen: 2.289 ng/ul

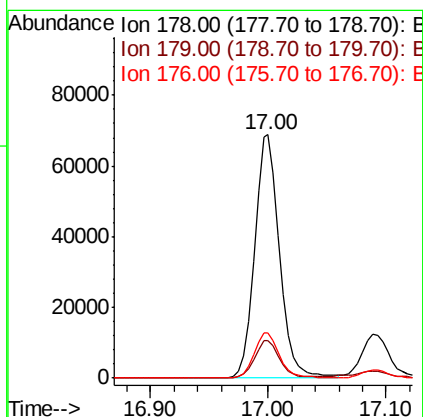
RT: 17.00 min Scan# 3667

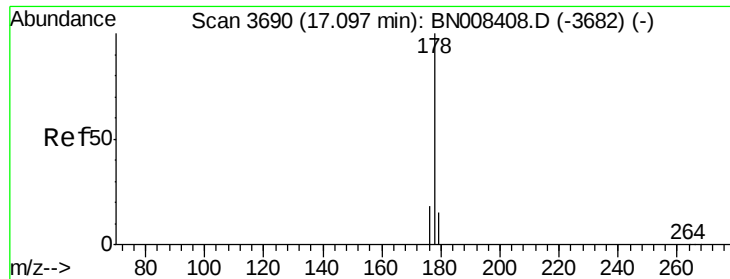
Delta R.T. -0.00 min

Lab File: BN008418.D

Acq: 25 Oct 2019 09:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
101192	178	100			
	179	15.6	12.8	19.2	
	176	18.5	15.4	23.2	





#13

Anthracene

Concen: 0.470 ng/ul

RT: 17.09 min Scan# 3688

Delta R.T. -0.01 min

Lab File: BN008418.D

Acq: 25 Oct 2019 09:18

Instrument :

BNA_N

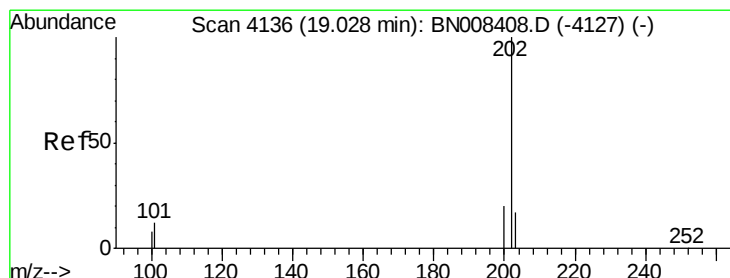
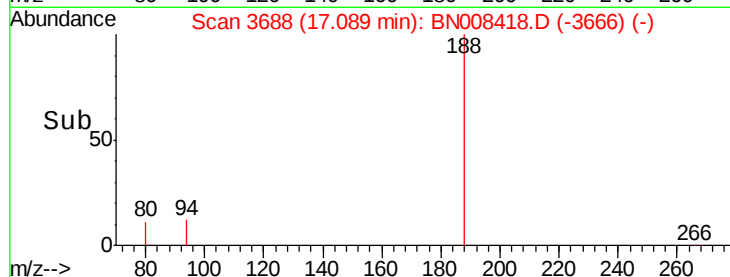
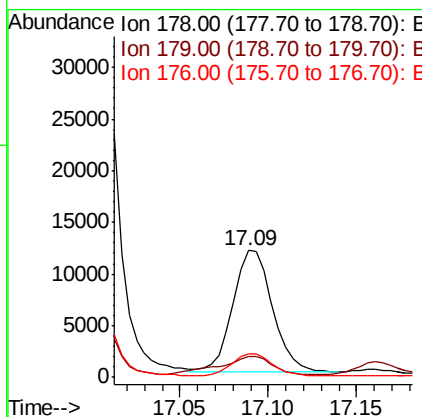
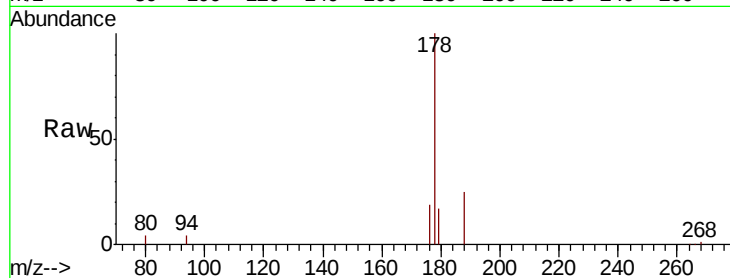
ClientSampleId :

BEPM1DL

Tot Ion:	178	Resp:	18269
Ion Ratio	Lower	Upper	
178	100		
179	16.7	13.0	19.6
176	18.7	15.0	22.6

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#15

Fluoranthene

Concen: 3.403 ng/ul

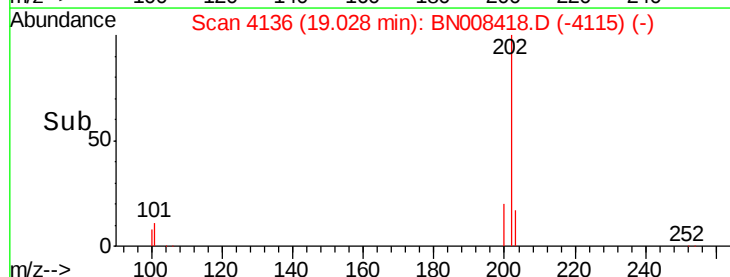
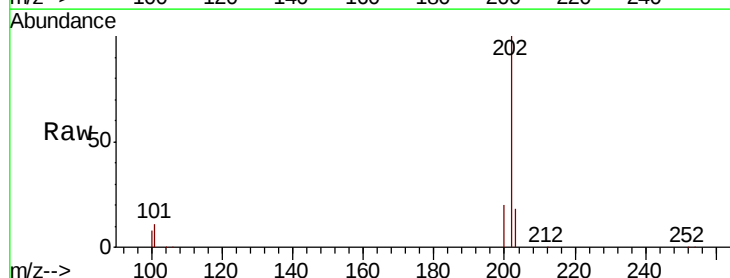
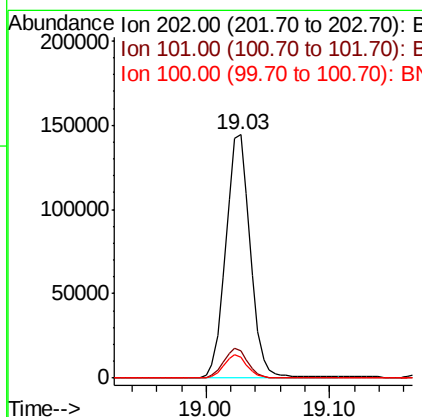
RT: 19.03 min Scan# 4136

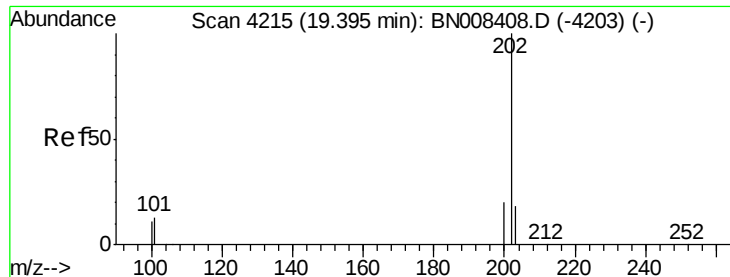
Delta R.T. -0.00 min

Lab File: BN008418.D

Acq: 25 Oct 2019 09:18

Tgt Ion:	202	Resp:	198711
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	31.2
100	8.4	0.0	28.5





#17

Pvrene

Concen: 3.132 ng/ul

RT: 19.39 min Scan# 4214

Delta R.T. -0.00 min

Lab File: BN008418.D

Acq: 25 Oct 2019 09:18

Instrument :

BNA_N

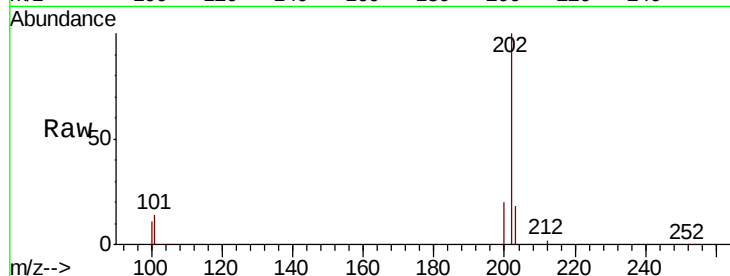
ClientSampleId :

BEPM1DL

Tot Ion:	202	Resp:	154650
Ion Ratio	Lower	Upper	
202	100		
101	13.5	10.9	16.3
100	10.9	8.7	13.1

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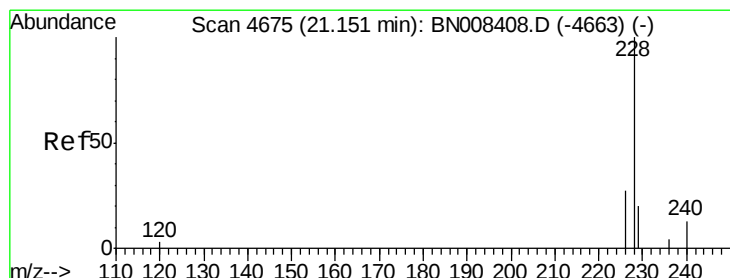
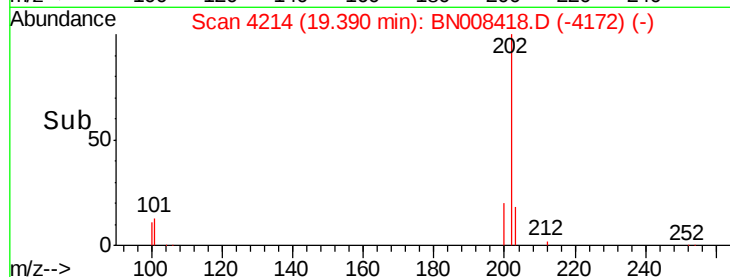
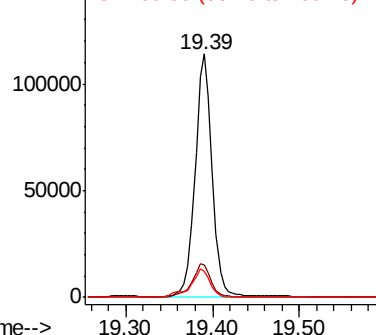


Abundance

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: 1.790 ng/ul

RT: 21.15 min Scan# 4675

Delta R.T. -0.01 min

Lab File: BN008418.D

Acq: 25 Oct 2019 09:18

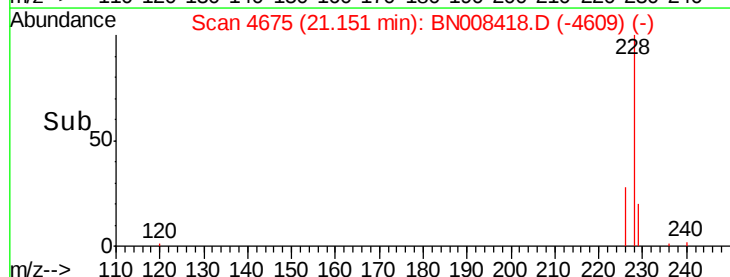
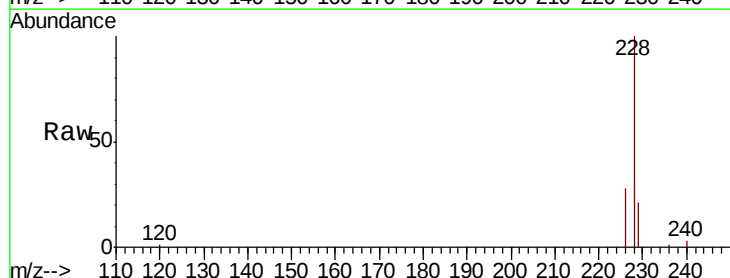
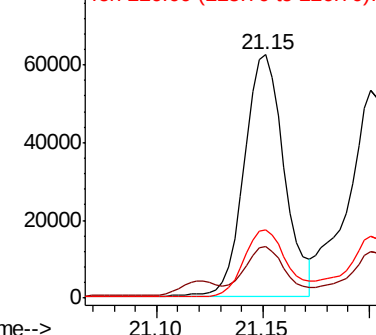
Tgt Ion:	228	Resp:	80724
Ion Ratio	Lower	Upper	
228	100		
229	21.0	16.2	24.2
226	28.2	21.4	32.0

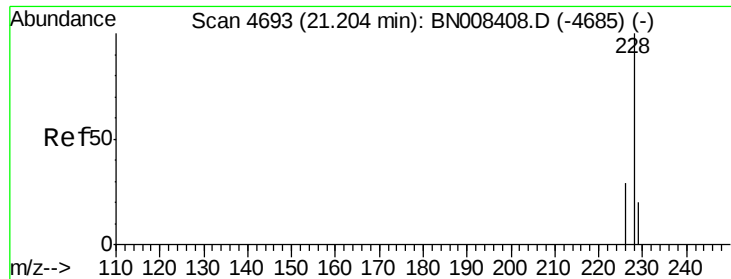
Abundance

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: 1.450 ng/ul

RT: 21.20 min Scan# 4692

Delta R.T. -0.01 min

Lab File: BN008418.D

Acq: 25 Oct 2019 09:18

Instrument :

BNA_N

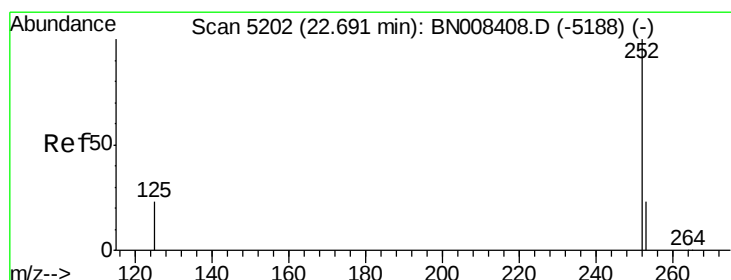
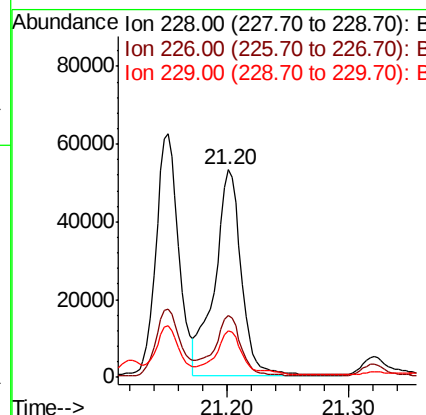
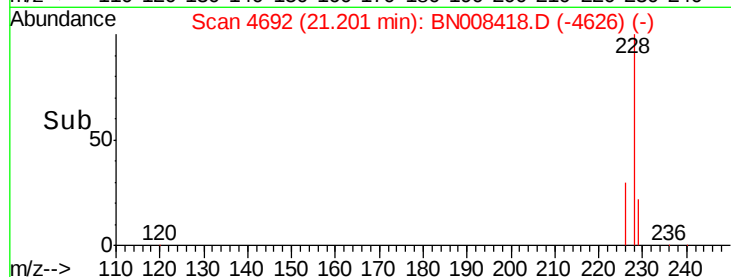
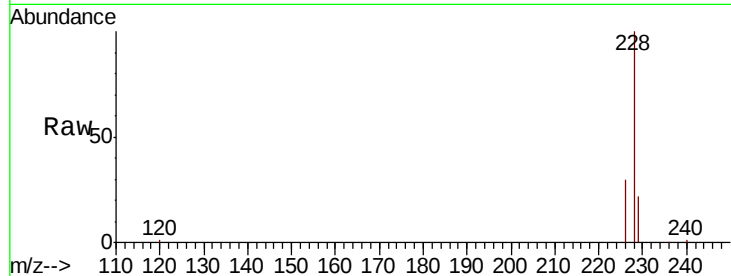
ClientSampleID :

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Tot Ion:	228	Resp:	80244
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	22.4	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 2.827 ng/ul m

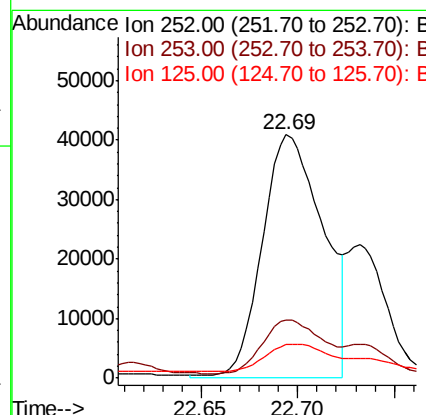
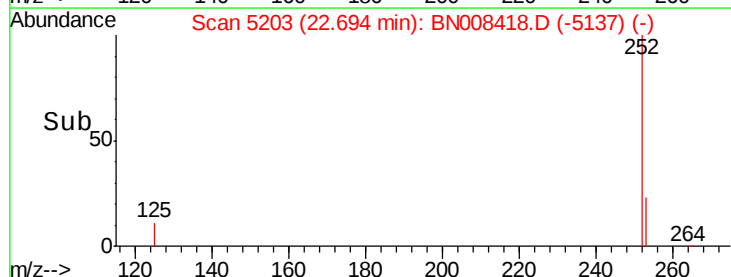
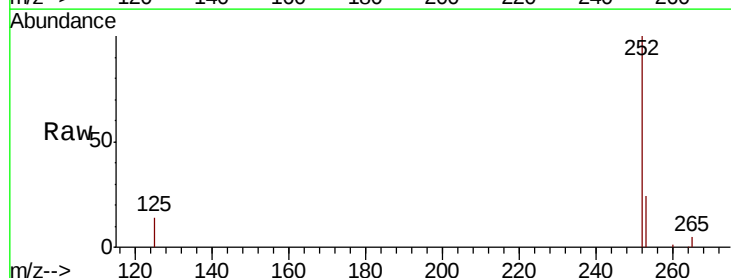
RT: 22.69 min Scan# 5203

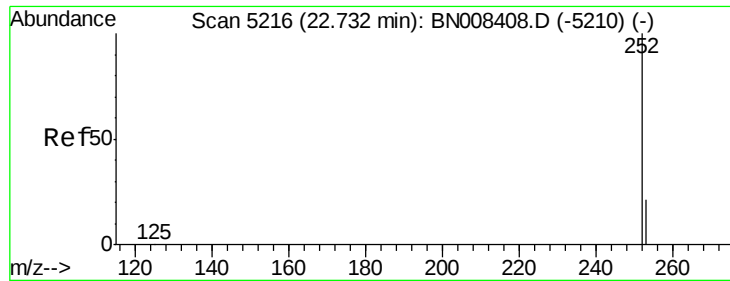
Delta R.T. -0.01 min

Lab File: BN008418.D

Acq: 25 Oct 2019 09:18

Tgt Ion:	252	Resp:	90451
Ion	Ratio	Lower	Upper
252	100		
253	24.0	0.0	53.4
125	13.6	0.0	32.4





#22

Benzo(k)fluoranthene

Concen: 0.924 ng/ul m

RT: 22.73 min Scan# 5216

Delta R.T. -0.01 min

Lab File: BN008418.D

Acq: 25 Oct 2019 09:18

Instrument :

BNA_N

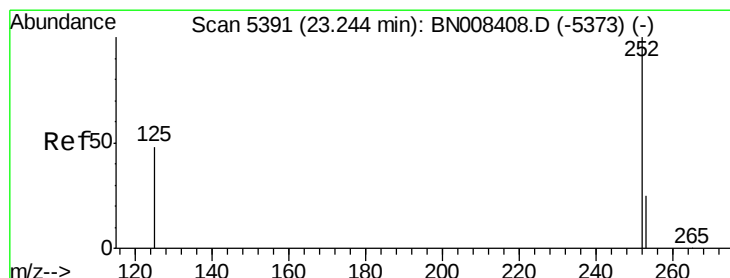
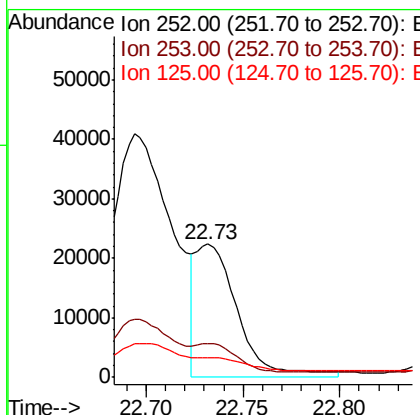
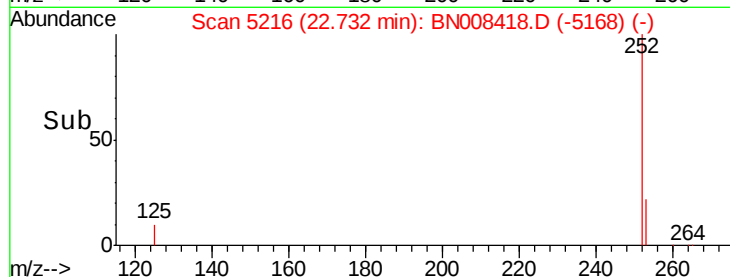
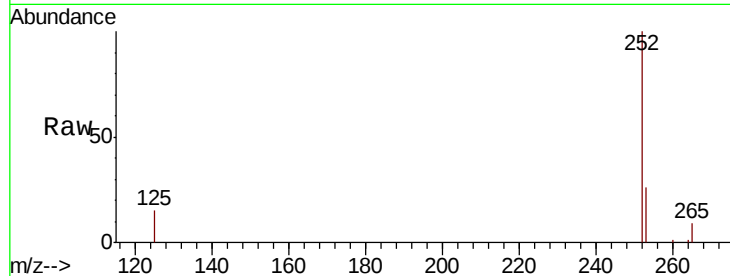
ClientSampleId :

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Tot Ion:	252	Resp:	33483
Ion Ratio	Lower	Upper	
252	100		
253	25.6	21.3	31.9
125	14.6	12.3	18.5

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#23

Benzo(a)pyrene

Concen: 1.677 ng/ul m

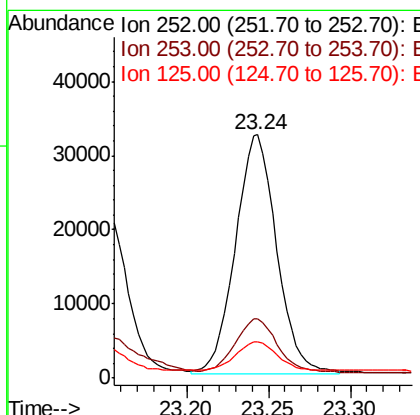
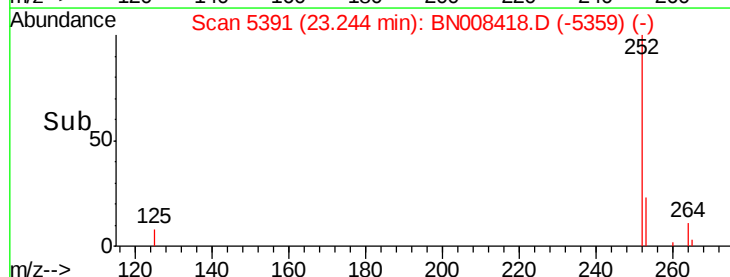
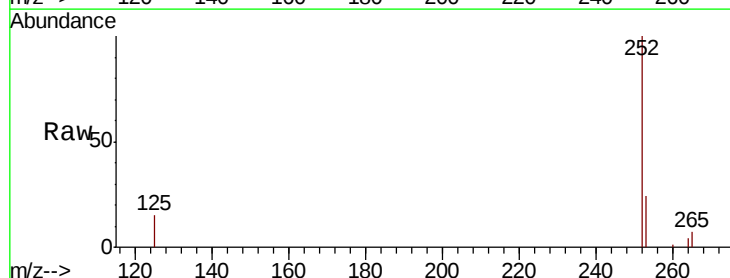
RT: 23.24 min Scan# 5391

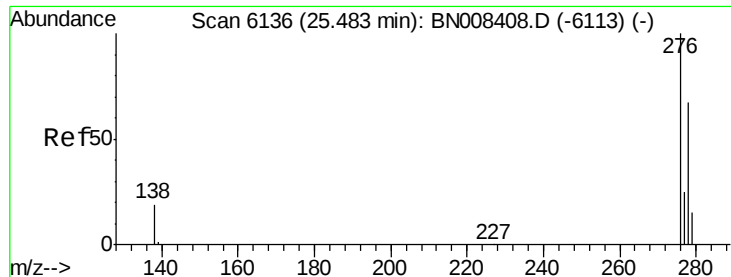
Delta R.T. -0.01 min

Lab File: BN008418.D

Acq: 25 Oct 2019 09:18

Tgt Ion:	252	Resp:	56459
Ion Ratio	Lower	Upper	
252	100		
253	24.4	22.8	34.2
125	14.8	18.4	27.6#





#24

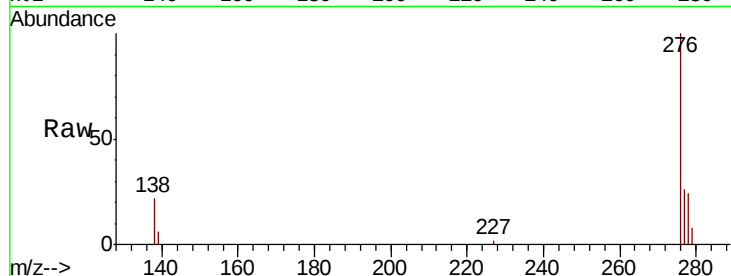
Indeno(1,2,3-cd)pyrene
Concen: 0.891 ng/ul
RT: 25.49 min Scan# 6137
Delta R.T. -0.01 min
Lab File: BN008418.D
Acq: 25 Oct 2019 09:18

Instrument :
BNA_N
ClientSampleId :
BEPM1DL

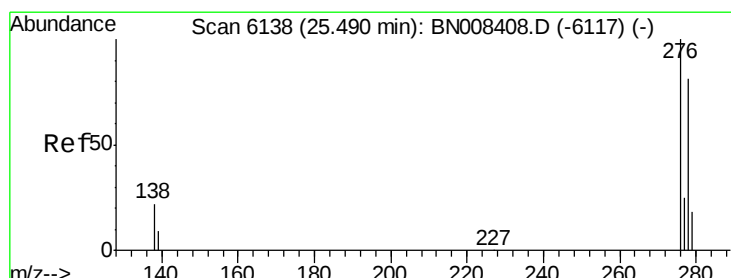
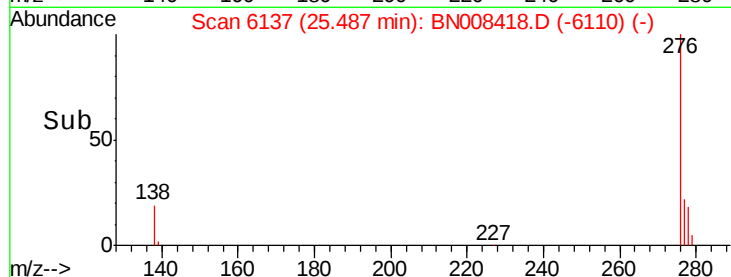
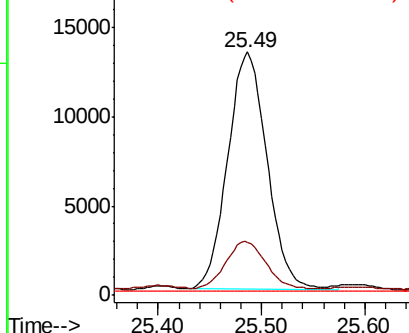
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.1	24.1
227	0.2	0.2	0.2

Manual Integrations
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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 227.00 (226.70 to 227.70): E

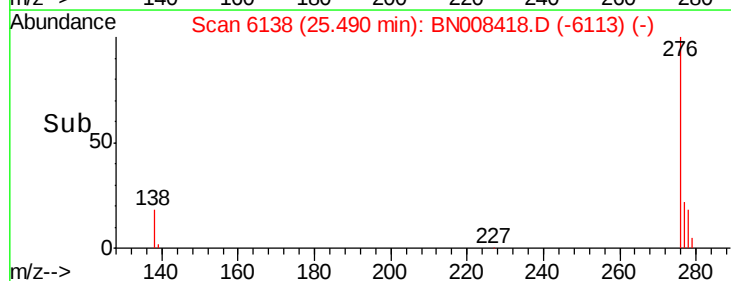
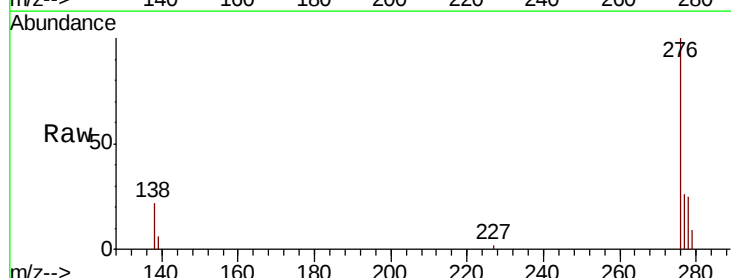
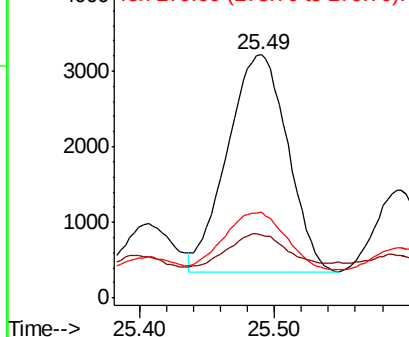


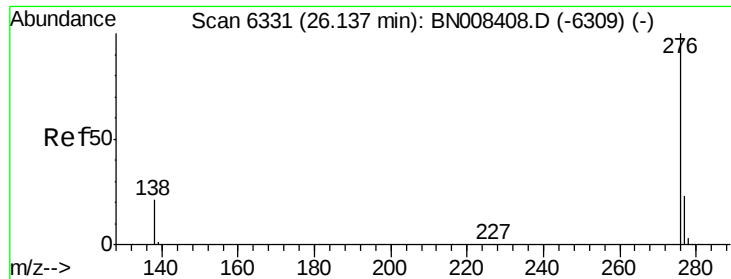
#25

Dibenzo(a,h)anthracene
Concen: 0.284 ng/ul
RT: 25.49 min Scan# 6138
Delta R.T. -0.02 min
Lab File: BN008418.D
Acq: 25 Oct 2019 09:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.0	15.0	22.6#
279	35.6	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





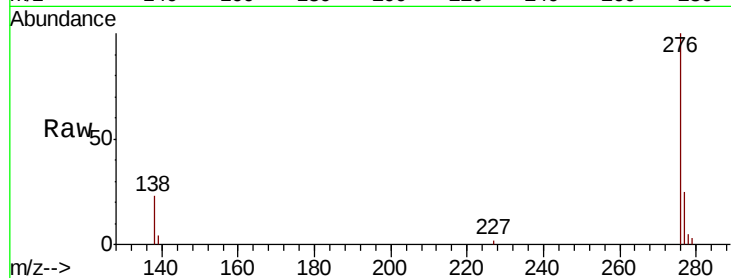
#26
 Benzo(a,h,i)perylene
 Concen: 0.897 ng/ul
 RT: 26.14 min Scan# 6331
 Delta R.T. -0.01 min
 Lab File: BN008418.D
 Acq: 25 Oct 2019 09:18

Instrument :
 BNA_N
 ClientSampleID :
 BEPM1DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.1	17.0	25.4
277	25.4	20.4	30.6

Manual Integrations
 APPROVED

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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

