

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
 Data File : BN008410.D
 Acq On : 25 Oct 2019 04:33
 Operator : JU
 Sample : K5236-05DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPL5DL

Manual Integrations
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Quant Time: Oct 25 11:51:37 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	7.58	152	1922	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	9618	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	6395	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	13791	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	11787	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	9496	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	495	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	1604	0.03	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.38	128	1101	0.040	ng/ul#	83
5) 2-Methylnaphthalene	12.01	142	735	0.039	ng/ul	98
7) Acenaphthylene	13.93	152	4359	0.143	ng/ul	96
8) Acenaphthene	14.27	153	630	0.027	ng/ul#	94
9) Fluorene	15.26	166	1031	0.038	ng/ul#	92
12) Phenanthrene	17.00	178	25613	0.634	ng/ul	100
13) Anthracene	17.09	178	4946	0.139	ng/ul#	94
15) Fluoranthene	19.02	202	60773	1.140	ng/ul	96
17) Pyrene	19.39	202	49876	1.063	ng/ul	100
18) Benzo(a)anthracene	21.15	228	24641	0.575	ng/ul	94
19) Chrysene	21.20	228	26612m	0.506	ng/ul	
21) Benzo(b)fluoranthene	22.69	252	32018m	1.036	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	11507m	0.329	ng/ul	
23) Benzo(a)pyrene	23.24	252	20120	0.619	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	25.48	276	15367	0.401	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.49	278	3326	0.110	ng/ul#	54
26) Benzo(a,h,i)perylene	26.14	276	16036	0.456	ng/ul#	94

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

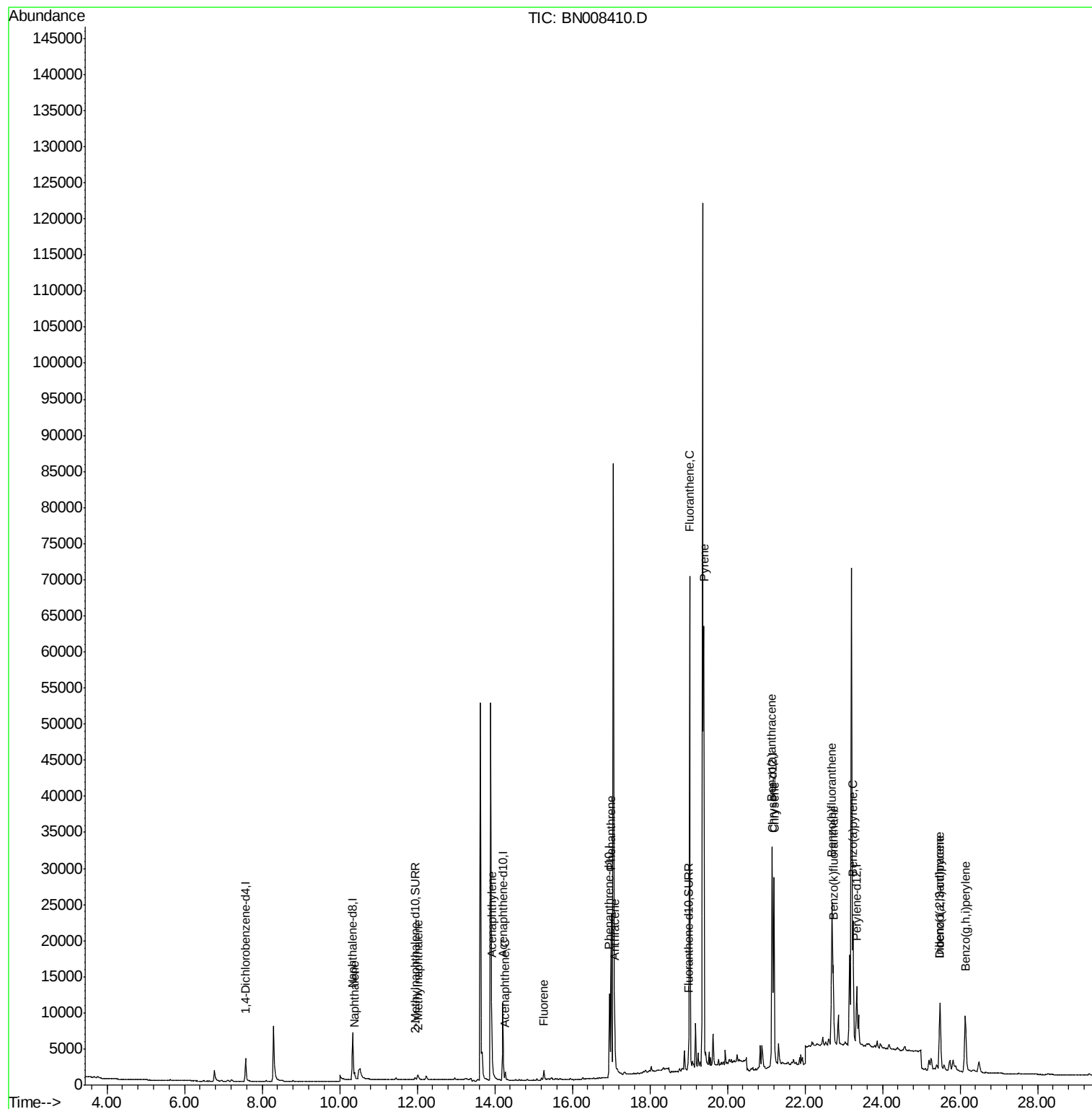
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
Data File : BN008410.D
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Sample : K5236-05DL 5X
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ALS Vial : 32 Sample Multiplier: 1

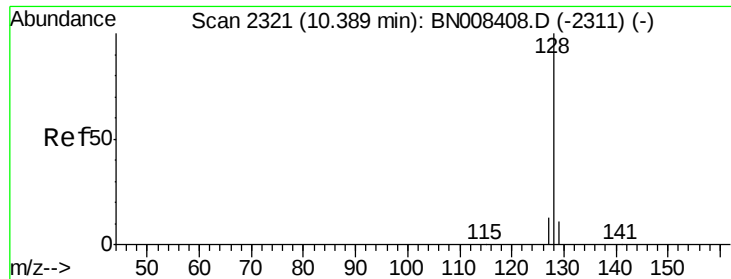
Instrument :
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BEPL5DL

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Quant Time: Oct 25 11:51:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Fri Oct 25 00:45:13 2019
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#3

Naphthalene

Concen: 0.040 ng/ul

RT: 10.38 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BN008410.D

Acq: 25 Oct 2019 04:33

Instrument :

BNA_N

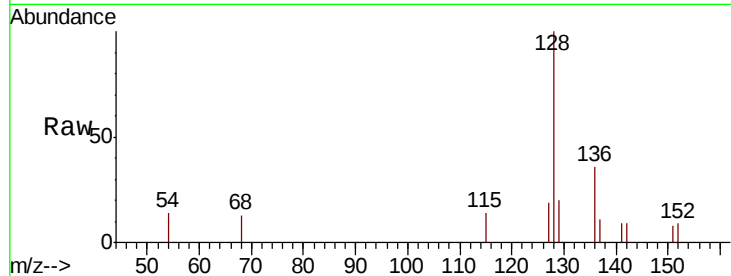
ClientSampleId :

BEPL5DL

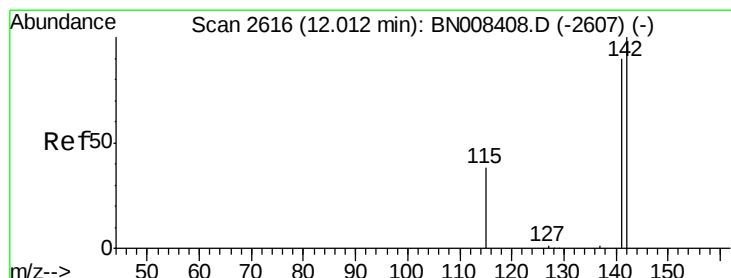
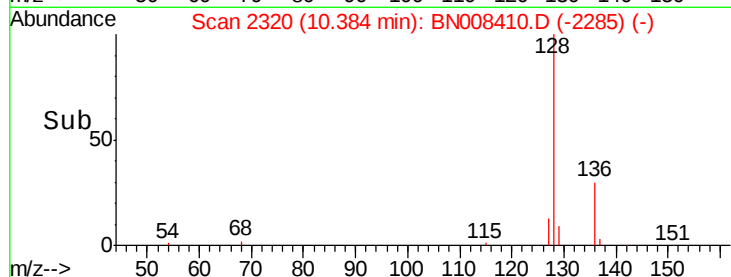
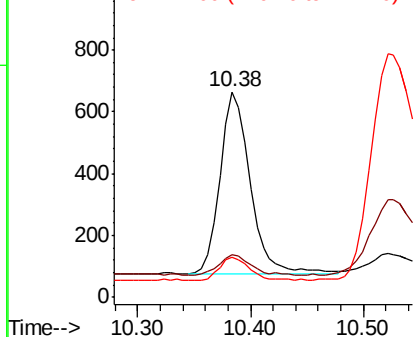
Tot Ion:	128	Resp:	1101
Ion Ratio	Lower	Upper	
128	100		
129	20.5	9.8	14.8#
127	19.4	11.1	16.7#

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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: 0.039 ng/ul

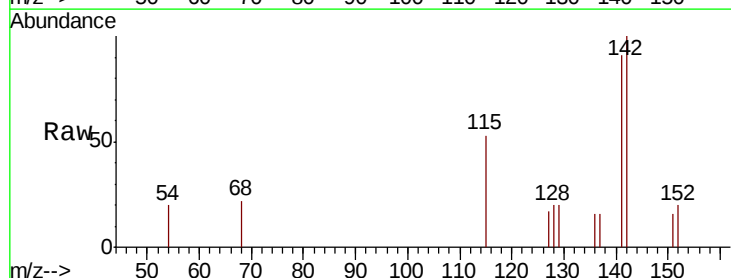
RT: 12.01 min Scan# 2616

Delta R.T. 0.00 min

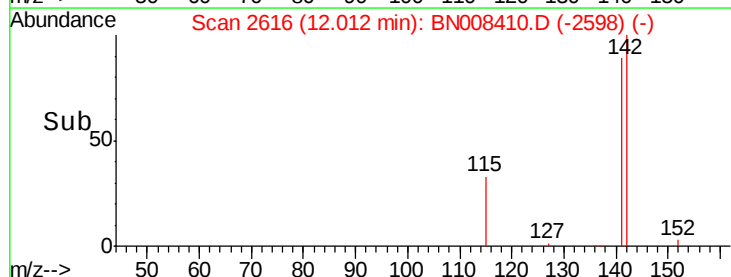
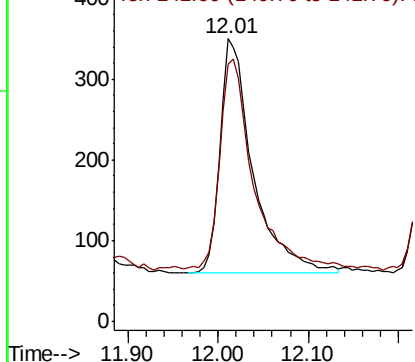
Lab File: BN008410.D

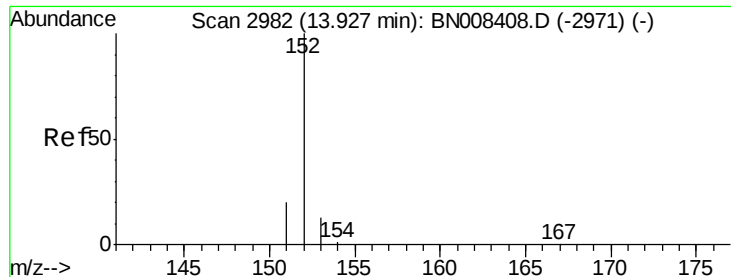
Acq: 25 Oct 2019 04:33

Tgt Ion:	142	Resp:	735
Ion Ratio	Lower	Upper	
142	100		
141	90.9	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: 0.143 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. 0.00 min

Lab File: BN008410.D

Acq: 25 Oct 2019 04:33

Instrument :

BNA_N

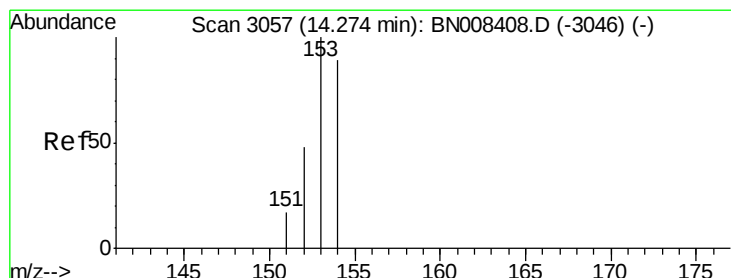
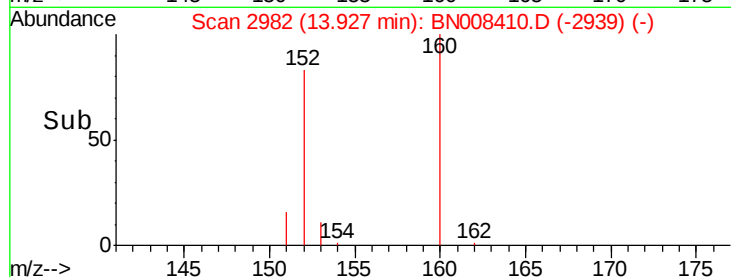
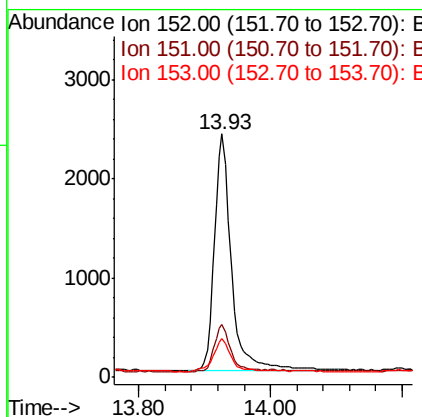
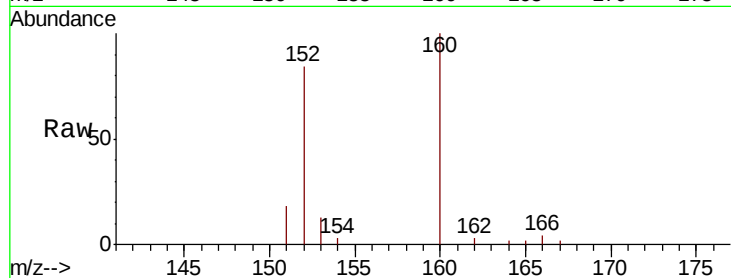
ClientSampleId :

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Tot Ion:	152	Resp:	4359
Ion Ratio	Lower	Upper	
152	100		
151	21.5	16.2	24.4
153	15.7	11.0	16.4

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#8

Acenaphthene

Concen: 0.027 ng/ul

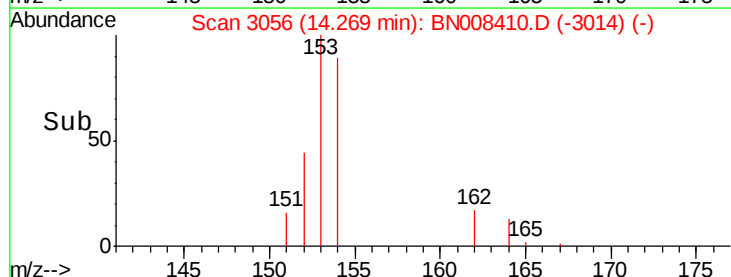
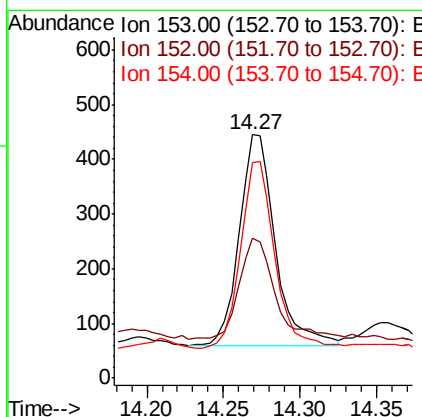
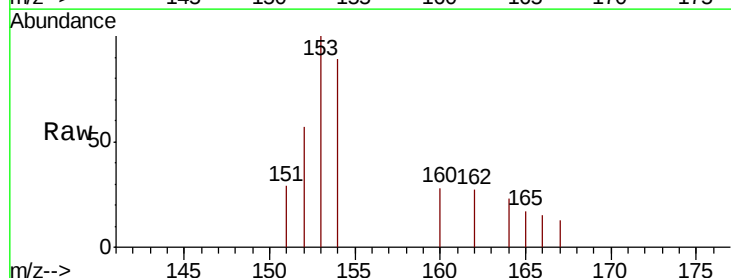
RT: 14.27 min Scan# 3056

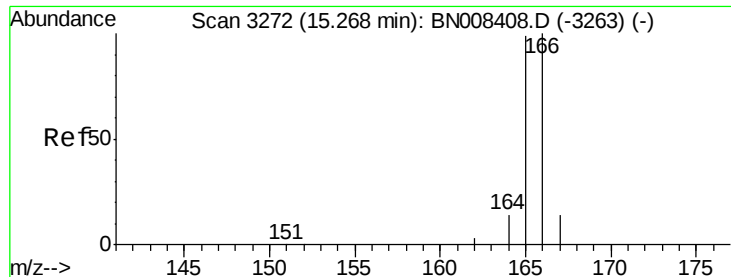
Delta R.T. -0.00 min

Lab File: BN008410.D

Acq: 25 Oct 2019 04:33

Tgt Ion:	153	Resp:	630
Ion Ratio	Lower	Upper	
153	100		
152	57.3	38.2	57.2#
154	88.5	71.8	107.8





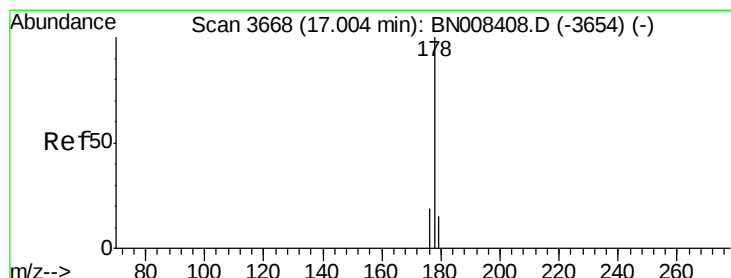
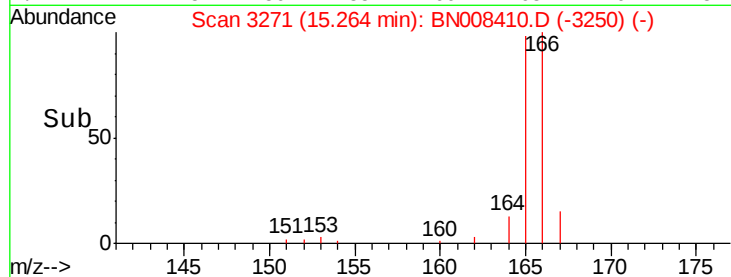
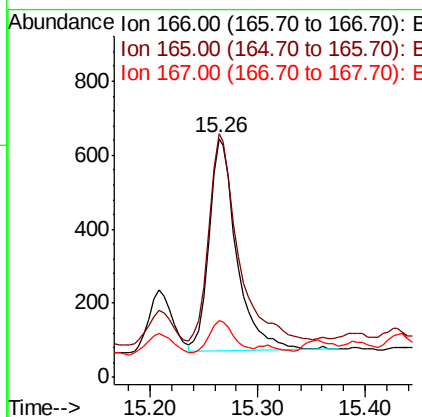
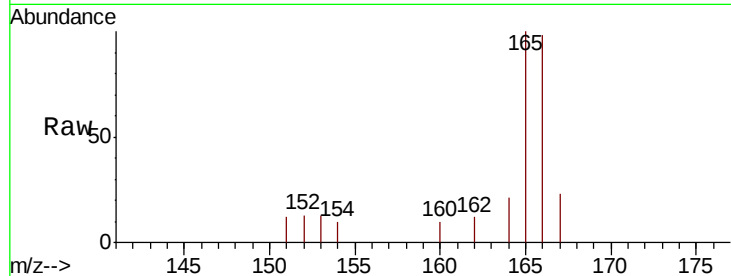
#9
Fluorene
 Concen: 0.038 ng/ul
 RT: 15.26 min Scan# 3271
 Delta R.T. -0.00 min
 Lab File: BN008410.D
 Acq: 25 Oct 2019 04:33

Instrument :
 BNA_N
 ClientSampleId :
 BEPL5DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
1031	166	100			
	165	102.0		76.6	115.0
	167	23.7		11.7	17.5

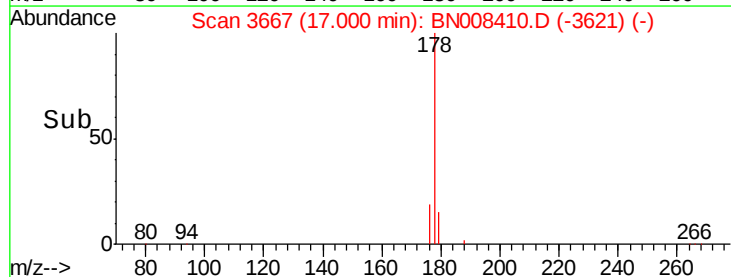
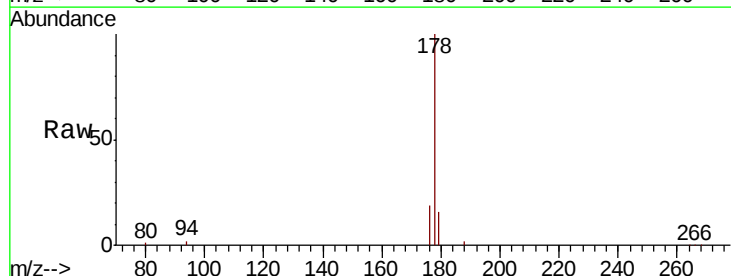
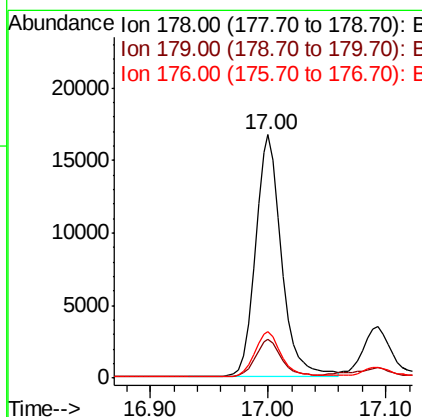
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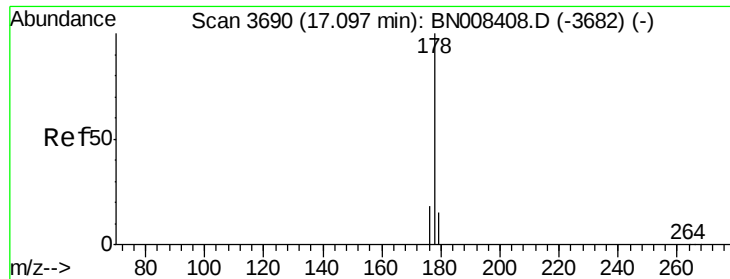
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#12
Phenanthrene
 Concen: 0.634 ng/ul
 RT: 17.00 min Scan# 3667
 Delta R.T. -0.00 min
 Lab File: BN008410.D
 Acq: 25 Oct 2019 04:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
25613	178	100			
	179	15.9		12.8	19.2
	176	19.2		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: BN008410.D

Acq: 25 Oct 2019 04:33

Instrument :

BNA_N

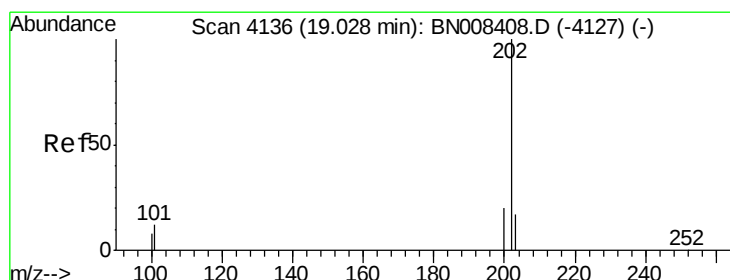
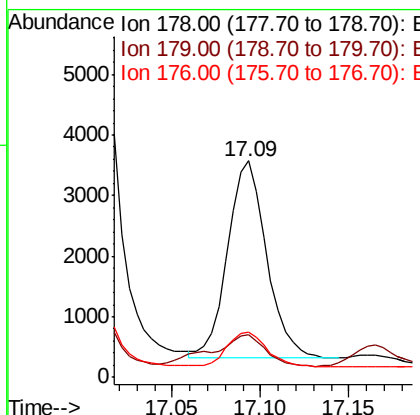
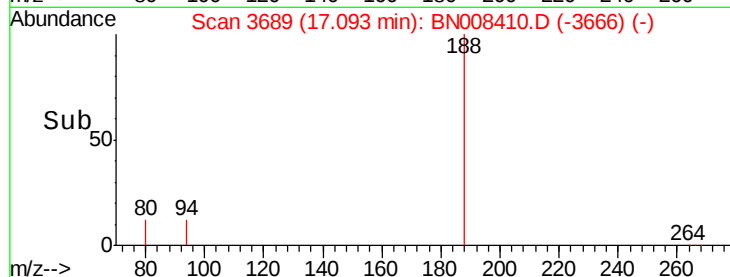
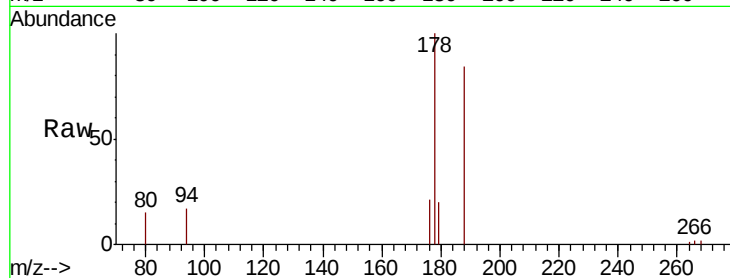
ClientSampleId :

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Tot Ion:	178	Resp:	4946
Ion	Ratio	Lower	Upper
178	100		
179	19.6	13.0	19.6#
176	21.1	15.0	22.6

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#15

Fluoranthene

Concen: 1.140 ng/ul

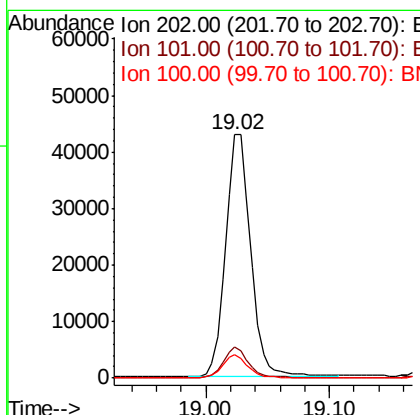
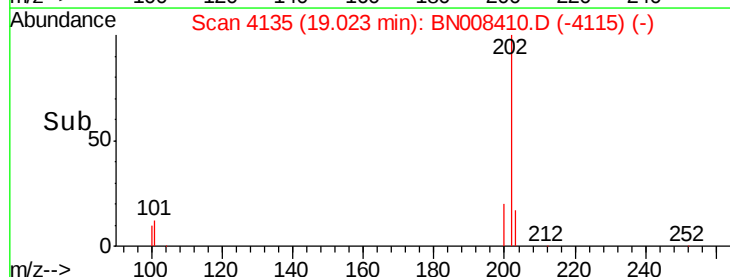
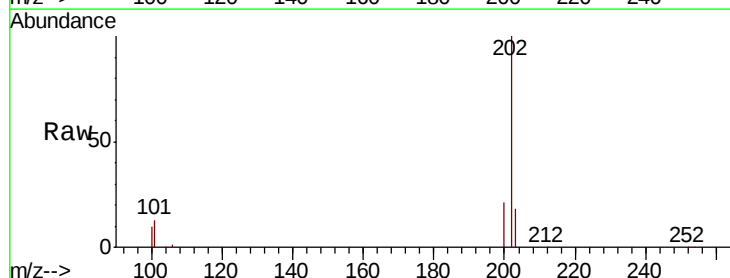
RT: 19.02 min Scan# 4135

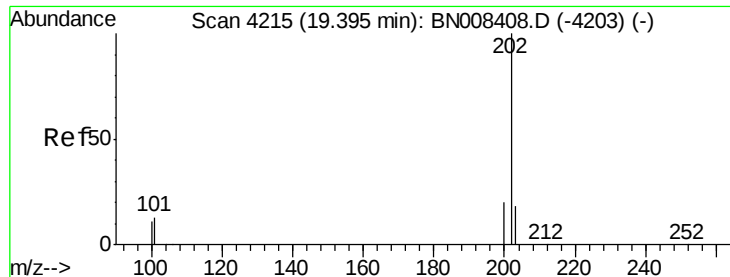
Delta R.T. -0.01 min

Lab File: BN008410.D

Acq: 25 Oct 2019 04:33

Tgt Ion:	202	Resp:	60773
Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	31.2
100	9.7	0.0	28.5





#17

Pvrene

Concen: 1.063 ng/ul

RT: 19.39 min Scan# 4214

Delta R.T. -0.00 min

Lab File: BN008410.D

Acq: 25 Oct 2019 04:33

Instrument :

BNA_N

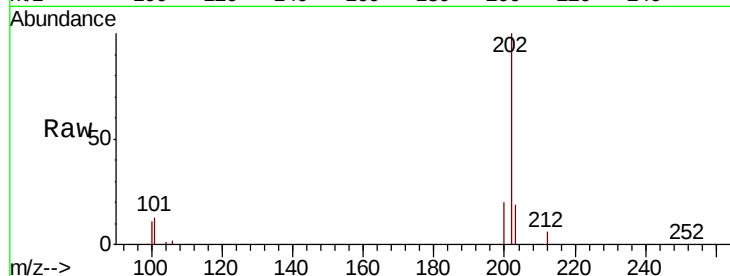
ClientSampleId :

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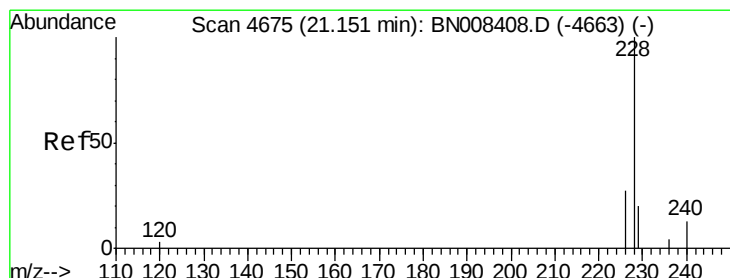
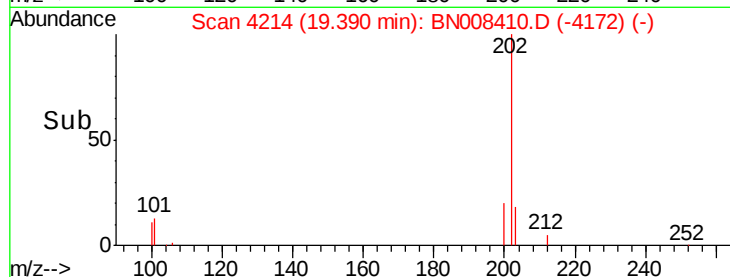
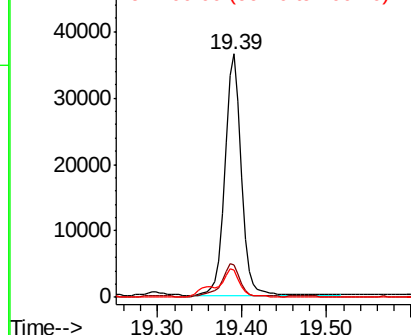
Tot Ion:	202	Resp:	49876
Ion Ratio	Lower	Upper	
202	100		
101	13.4	10.9	16.3
100	11.0	8.7	13.1

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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: 0.575 ng/ul

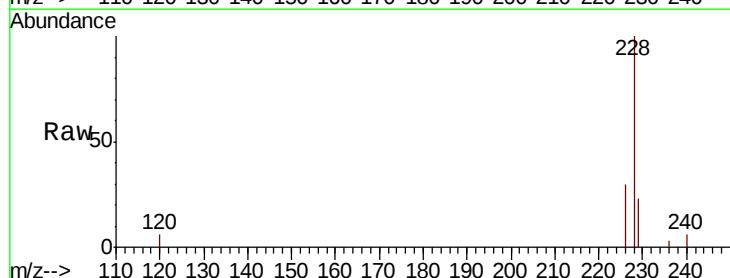
RT: 21.15 min Scan# 4674

Delta R.T. -0.01 min

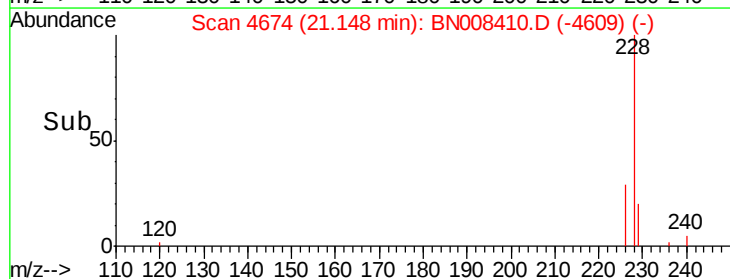
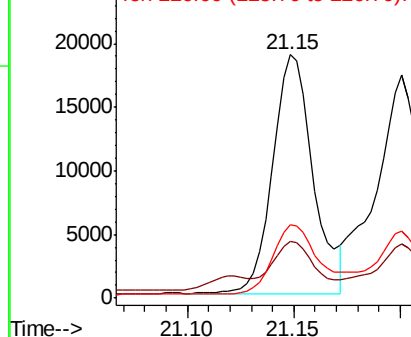
Lab File: BN008410.D

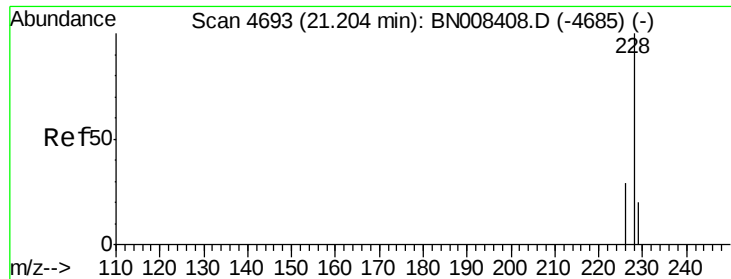
Acq: 25 Oct 2019 04:33

Tgt Ion:	228	Resp:	24641
Ion Ratio	Lower	Upper	
228	100		
229	23.1	16.2	24.2
226	30.1	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: 0.506 ng/ul m

RT: 21.20 min Scan# 4692

Delta R.T. -0.01 min

Lab File: BN008410.D

Acq: 25 Oct 2019 04:33

Instrument :

BNA_N

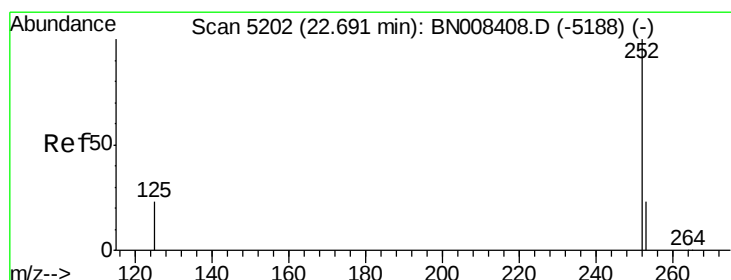
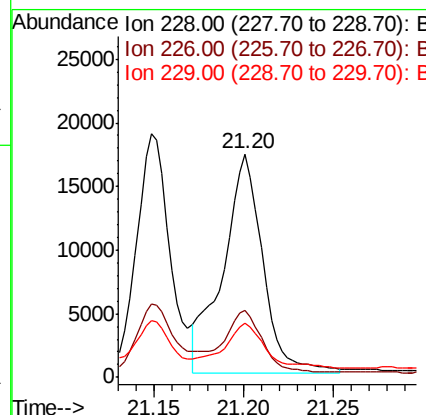
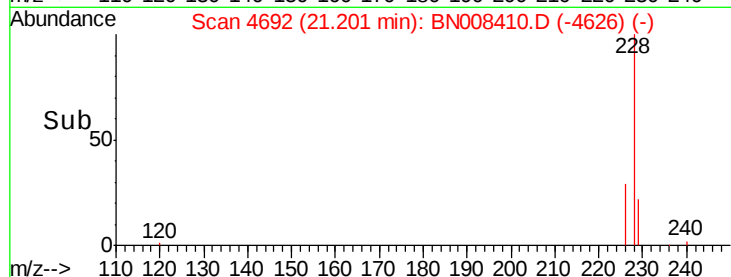
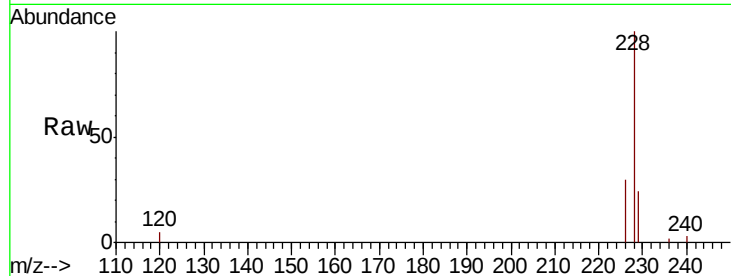
ClientSampleId :

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Tot Ion:	228	Resp:	26612
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.1	36.1
229	24.3	16.2	24.2#

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#21

Benzo(b)fluoranthene

Concen: 1.036 ng/ul m

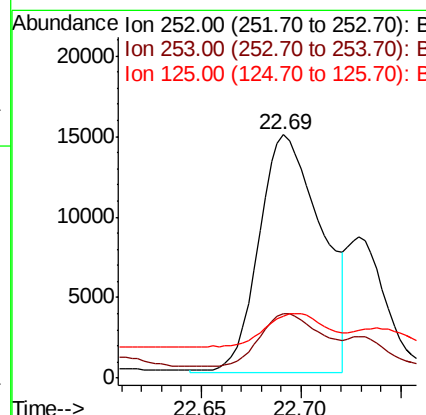
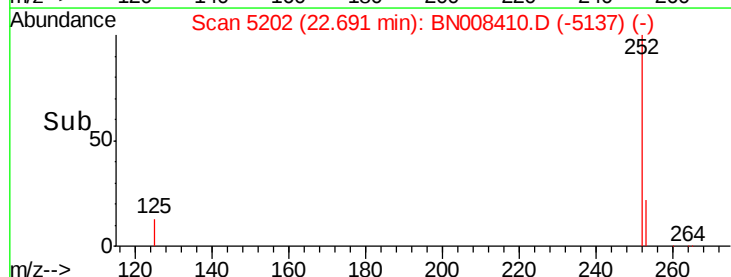
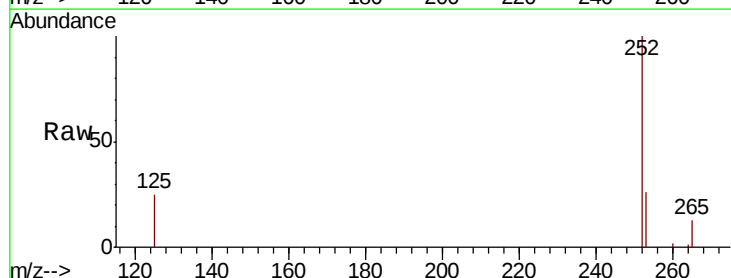
RT: 22.69 min Scan# 5202

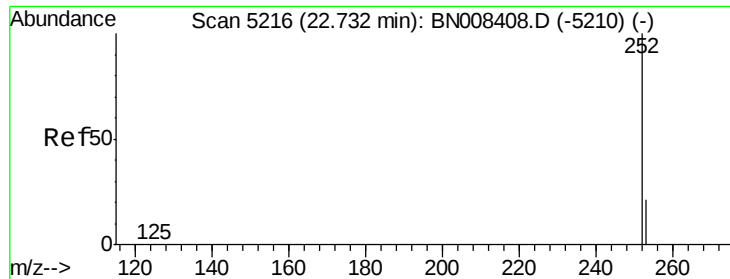
Delta R.T. -0.01 min

Lab File: BN008410.D

Acq: 25 Oct 2019 04:33

Tgt Ion:	252	Resp:	32018
Ion Ratio	Lower	Upper	
252	100		
253	26.4	0.0	53.4
125	25.4	0.0	32.4





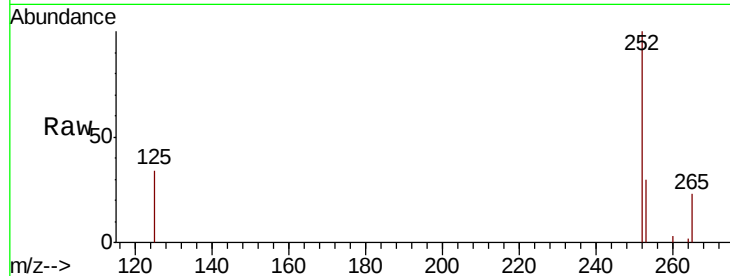
#22
Benzo(k)fluoranthene
Concen: 0.329 ng/ul m
RT: 22.73 min Scan# 5215
Delta R.T. -0.01 min
Lab File: BN008410.D
Acq: 25 Oct 2019 04:33

Instrument :
BNA_N
ClientSampleId :
BEPL5DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.5	21.3	31.9
125	33.7	12.3	18.5#

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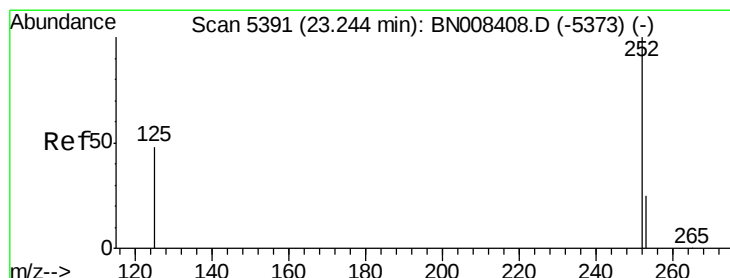
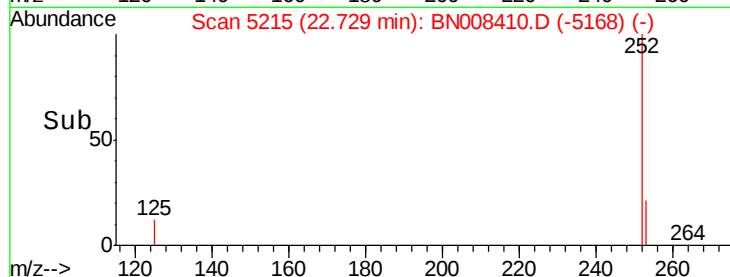
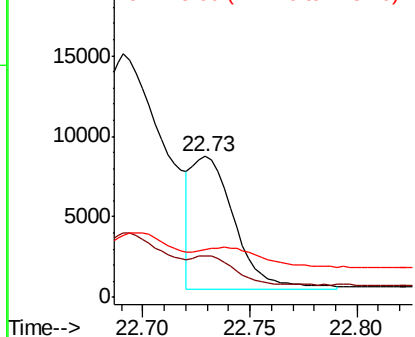


Abundance

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: 0.619 ng/ul
RT: 23.24 min Scan# 5389
Delta R.T. -0.01 min
Lab File: BN008410.D
Acq: 25 Oct 2019 04:33

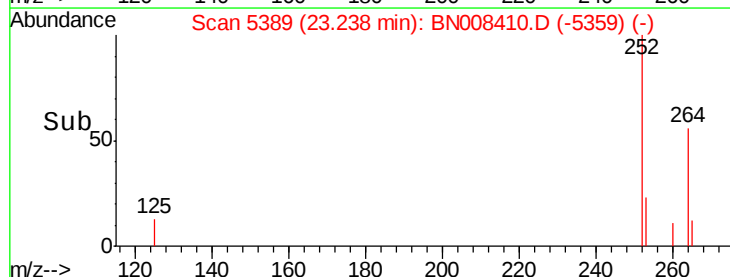
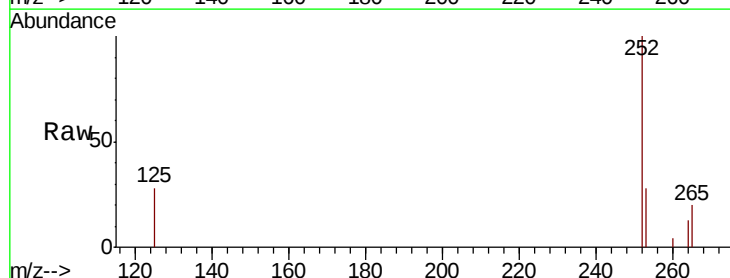
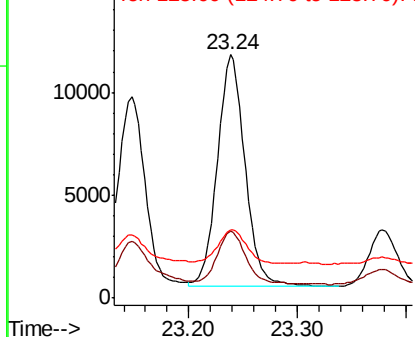
Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.7	22.8	34.2
125	27.8	18.4	27.6#

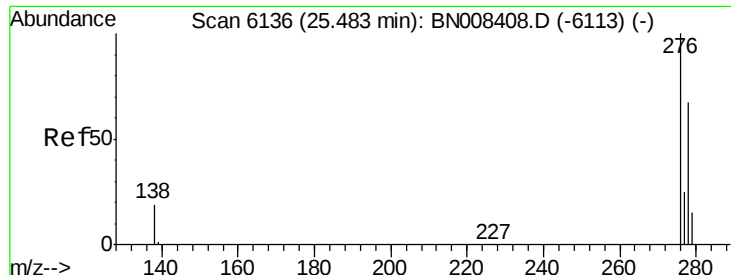
Abundance

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





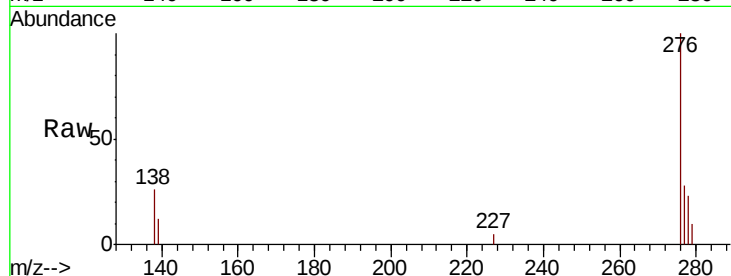
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.401 ng/ul
 RT: 25.48 min Scan# 6136
 Delta R.T. -0.01 min
 Lab File: BN008410.D
 Acq: 25 Oct 2019 04:33

Instrument :
 BNA_N
 ClientSampleId :
 BEPL5DL

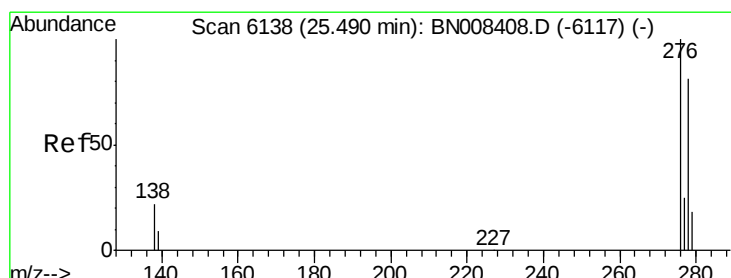
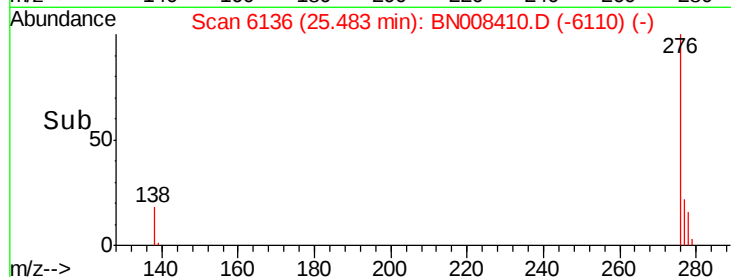
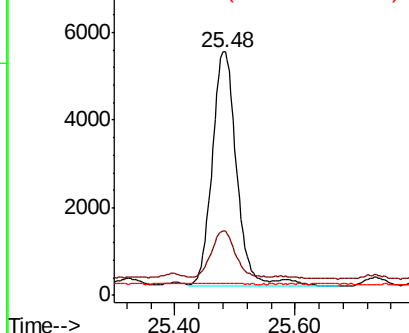
Tot Ion	Ratio	Lower	Upper
276	100		
138	18.7	16.1	24.1
227	0.0	0.2	0.2#

Manual Integrations
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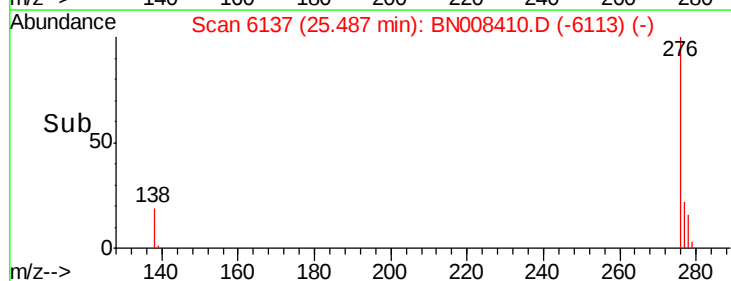
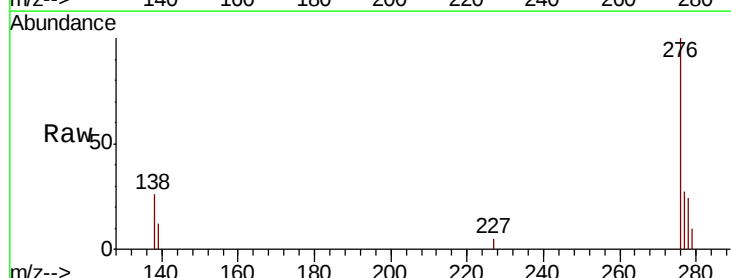
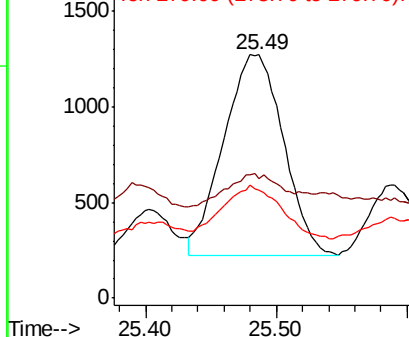
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

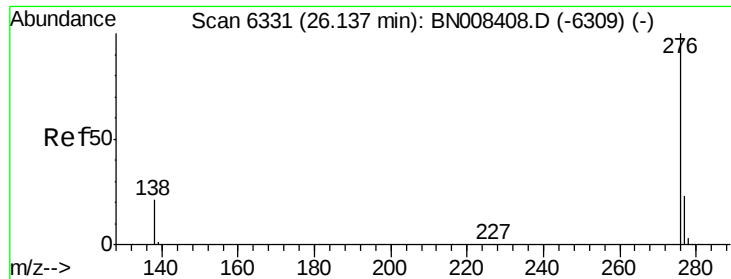


#25
 Dibenzo(a,h)anthracene
 Concen: 0.110 ng/ul
 RT: 25.49 min Scan# 6137
 Delta R.T. -0.02 min
 Lab File: BN008410.D
 Acq: 25 Oct 2019 04:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	49.3	15.0	22.6#
279	44.1	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: 0.456 ng/ul
 RT: 26.14 min Scan# 6331
 Delta R.T. -0.01 min
 Lab File: BN008410.D
 Acq: 25 Oct 2019 04:33

Instrument :
 BNA_N
 ClientSampleId :
 BEPL5DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.2	17.0	25.4#
277	26.6	20.4	30.6

Manual Integrations
 APPROVED

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