

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
 Data File : BN008414.D
 Acq On : 25 Oct 2019 06:55
 Operator : JU
 Sample : K5236-07DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPL8DL

Manual Integrations
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Quant Time: Oct 25 12:05:01 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	2157	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	10443	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	6726	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	14036	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	11735	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	9212	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	693	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	1964	0.04	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.38	128	3386	0.114	ng/ul	95
5) 2-Methylnaphthalene	12.01	142	1565	0.077	ng/ul	99
7) Acenaphthylene	13.93	152	4968	0.155	ng/ul	96
8) Acenaphthene	14.27	153	1162	0.047	ng/ul	94
9) Fluorene	15.26	166	2166	0.077	ng/ul#	91
12) Phenanthrene	17.00	178	36870	0.897	ng/ul	97
13) Anthracene	17.09	178	6899	0.191	ng/ul#	81
15) Fluoranthene	19.03	202	66424	1.224	ng/ul	99
17) Pyrene	19.39	202	54007	1.156	ng/ul	98
18) Benzo(a)anthracene	21.15	228	29416	0.689	ng/ul#	87
19) Chrysene	21.20	228	33607	0.642	ng/ul#	87
21) Benzo(b)fluoranthene	22.70	252	41309m	1.378	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	16352m	0.481	ng/ul	
23) Benzo(a)pyrene	23.25	252	24354	0.772	ng/ul#	69
24) Indeno(1,2,3-cd)pyrene	25.49	276	24021	0.646	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.50	278	5128	0.175	ng/ul#	30
26) Benzo(a,h,i)perylene	26.14	276	28773	0.844	ng/ul#	92

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

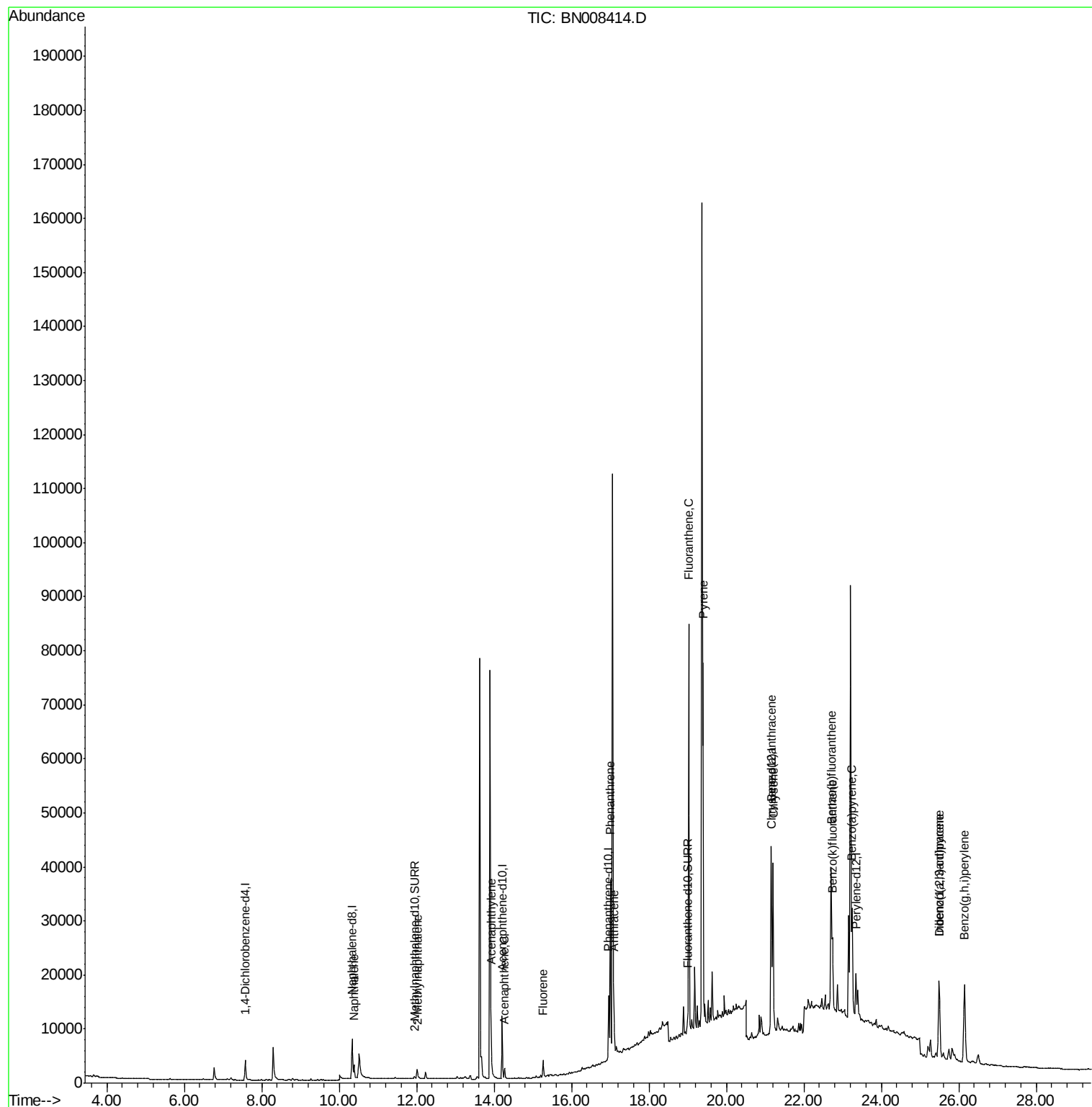
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
Data File : BN008414.D
Acq On : 25 Oct 2019 06:55
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ALS Vial : 36 Sample Multiplier: 1

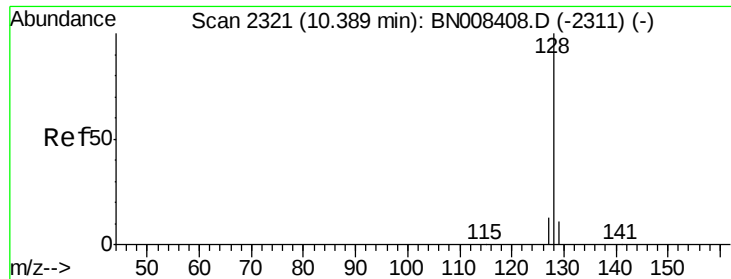
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Quant Time: Oct 25 12:05:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Fri Oct 25 00:45:13 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.114 ng/ul

RT: 10.38 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BN008414.D

Acq: 25 Oct 2019 06:55

Instrument :

BNA_N

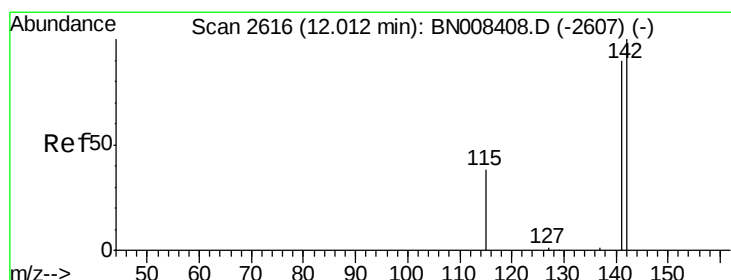
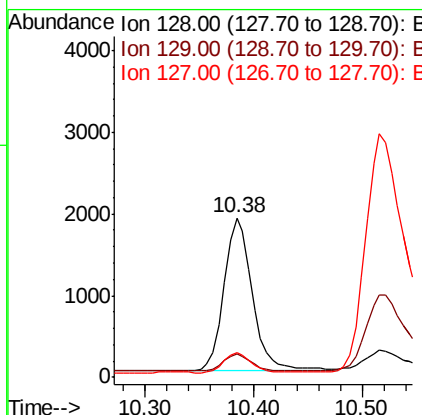
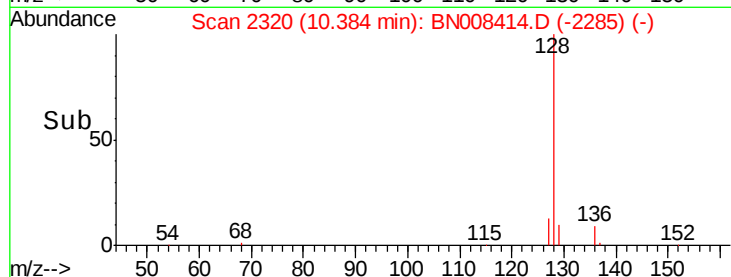
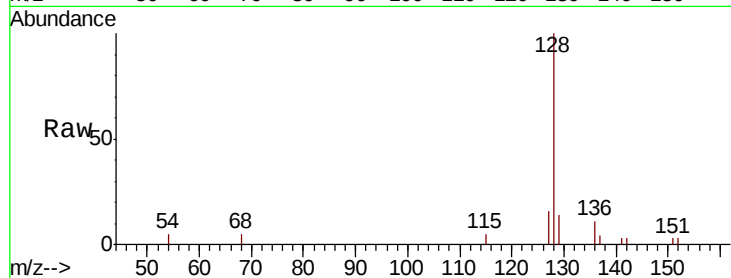
ClientSampleId :

BEPL8DL

Tot Ion:	128	Resp:	3386
Ion	Ratio	Lower	Upper
128	100		
129	14.5	9.8	14.8
127	15.7	11.1	16.7

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#5

2-Methylnaphthalene

Concen: 0.077 ng/ul

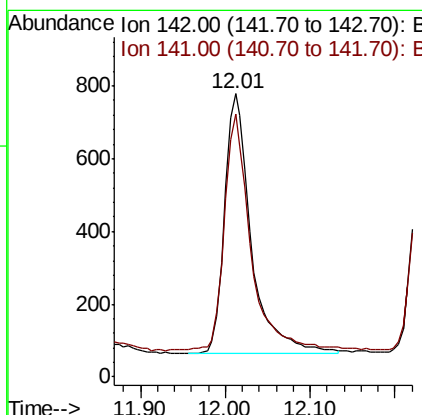
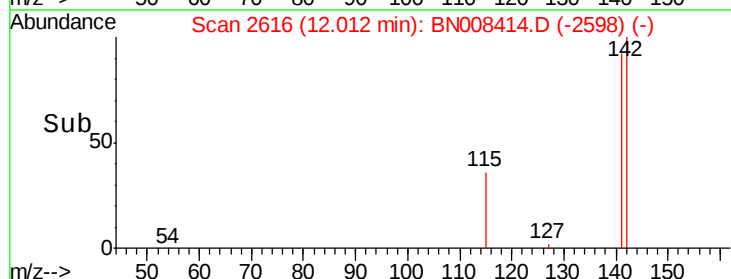
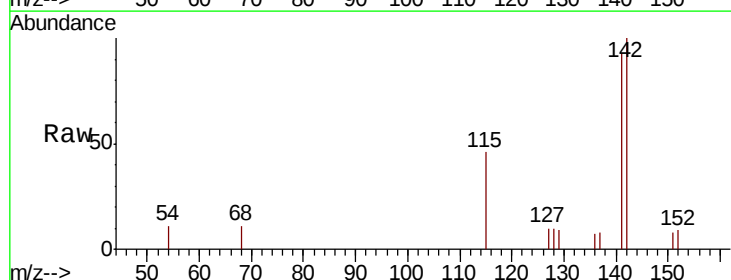
RT: 12.01 min Scan# 2616

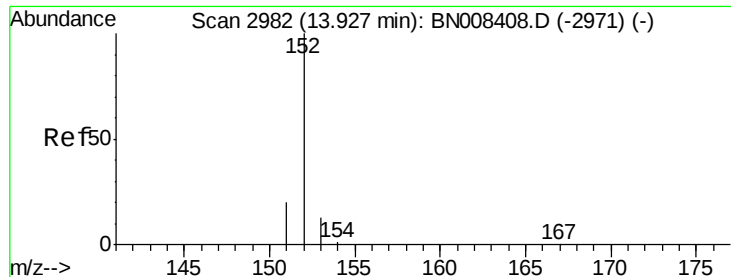
Delta R.T. 0.00 min

Lab File: BN008414.D

Acq: 25 Oct 2019 06:55

Tgt Ion:	142	Resp:	1565
Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.4	107.2





#7

Acenaphthylene

Concen: 0.155 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. 0.00 min

Lab File: BN008414.D

Acq: 25 Oct 2019 06:55

Instrument :

BNA_N

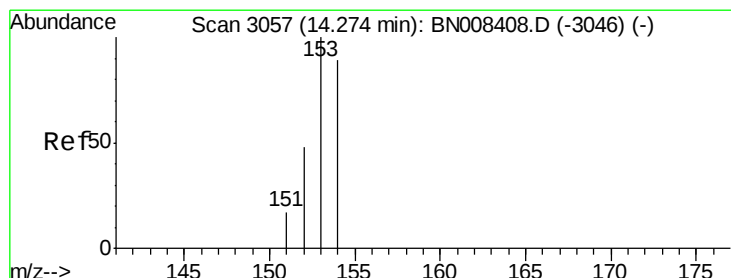
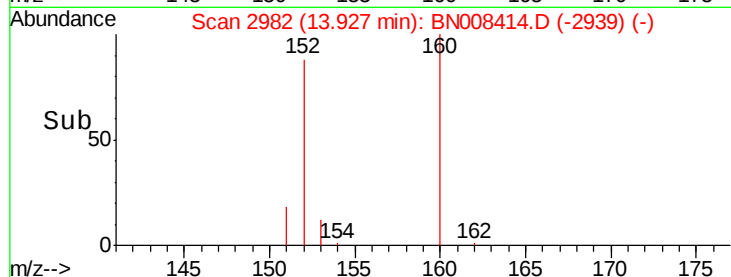
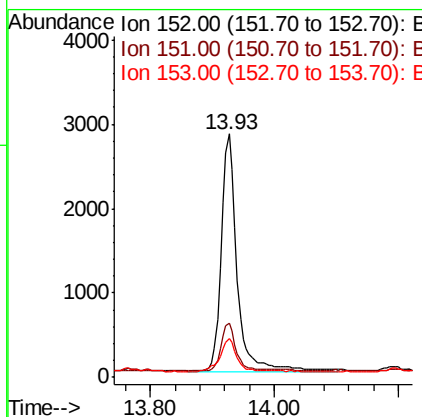
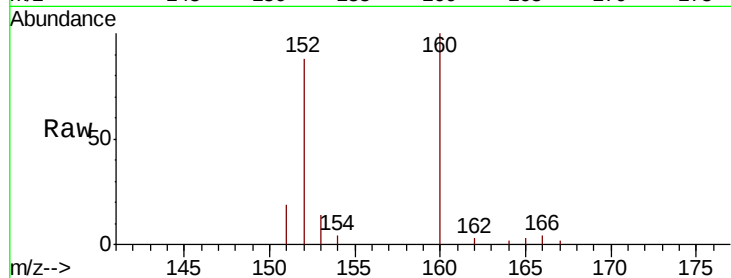
ClientSampleId :

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Tot Ion:	152	Resp:	4968
Ion Ratio	Lower	Upper	
152	100		
151	22.0	16.2	24.4
153	15.7	11.0	16.4

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#8

Acenaphthene

Concen: 0.047 ng/ul

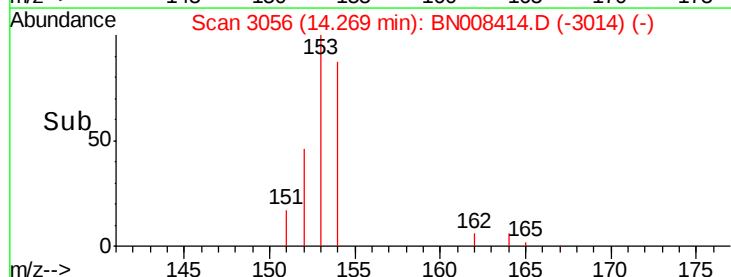
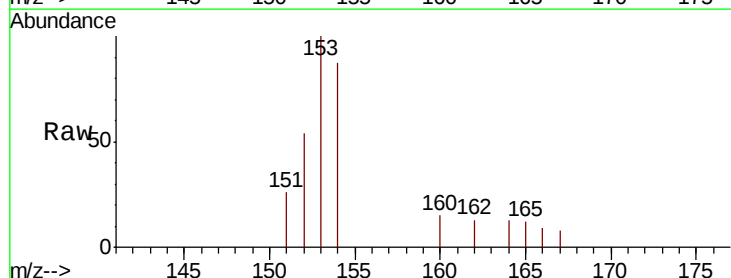
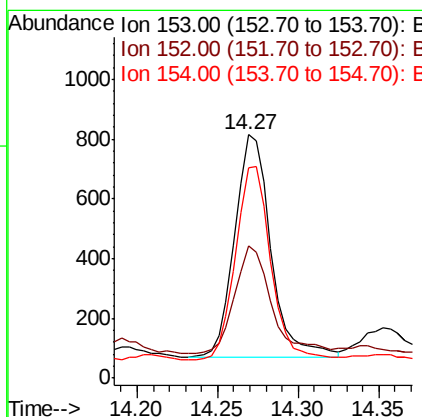
RT: 14.27 min Scan# 3056

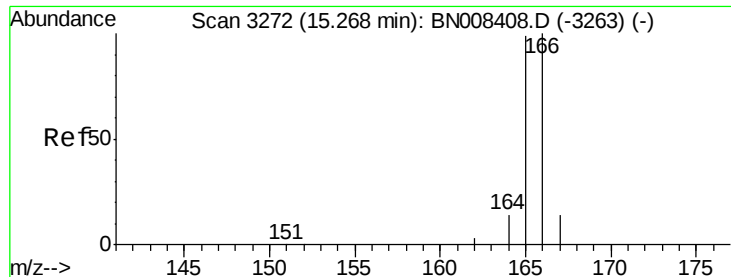
Delta R.T. -0.00 min

Lab File: BN008414.D

Acq: 25 Oct 2019 06:55

Tgt Ion:	153	Resp:	1162
Ion Ratio	Lower	Upper	
153	100		
152	54.3	38.2	57.2
154	86.6	71.8	107.8





#9

Fluorene

Concen: 0.077 ng/ul

RT: 15.26 min Scan# 3271

Delta R.T. -0.00 min

Lab File: BN008414.D

Acq: 25 Oct 2019 06:55

Instrument :

BNA_N

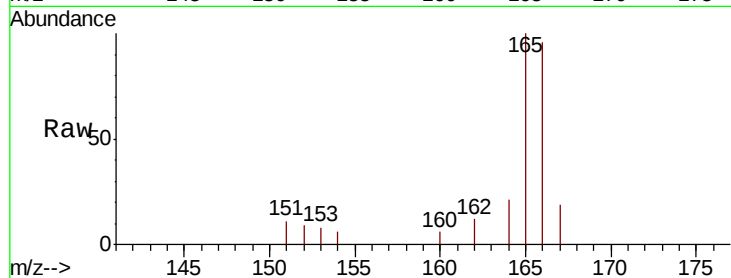
ClientSampleId :

BEPL8DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	104.0	76.6	115.0
167	19.9	11.7	17.5

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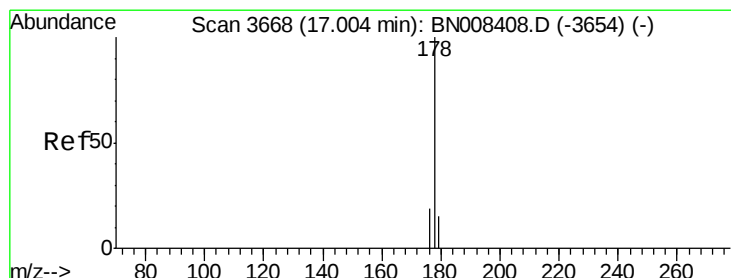
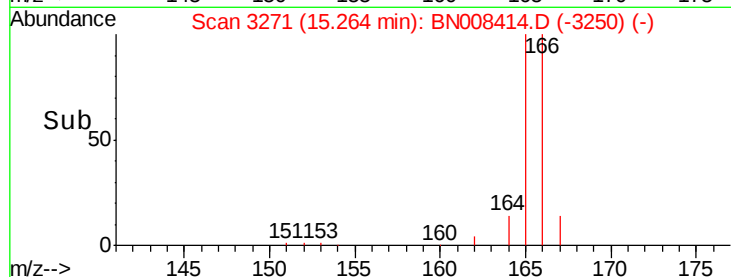
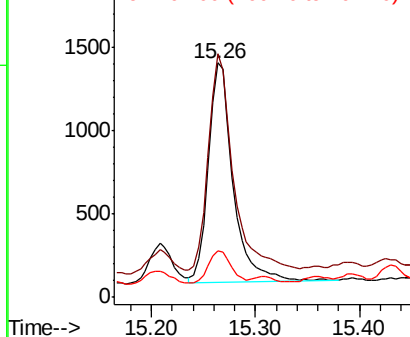


Abundance

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: 0.897 ng/ul

RT: 17.00 min Scan# 3667

Delta R.T. -0.00 min

Lab File: BN008414.D

Acq: 25 Oct 2019 06:55

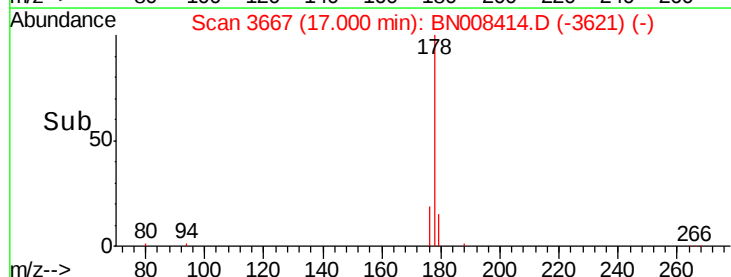
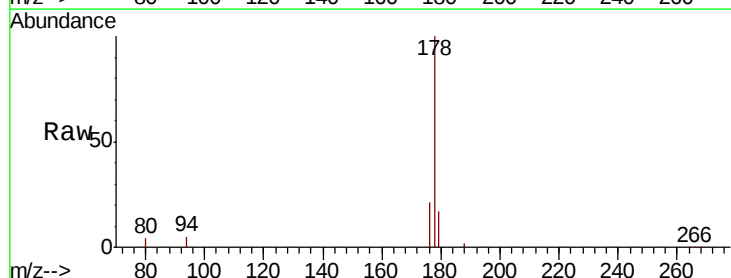
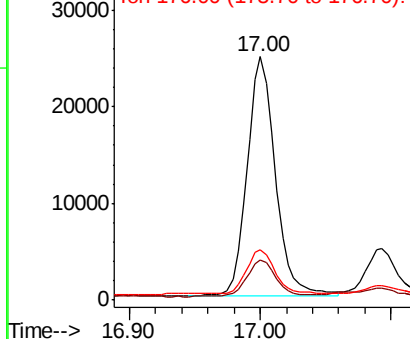
Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.8	19.2
176	20.9	15.4	23.2

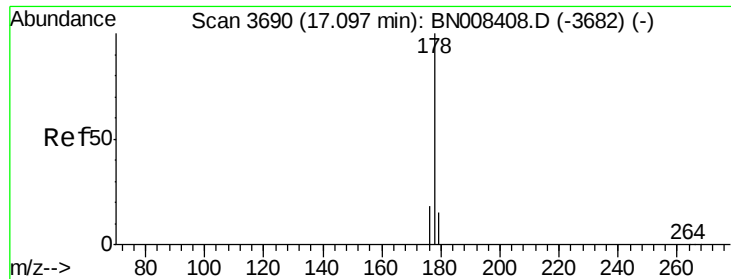
Abundance

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





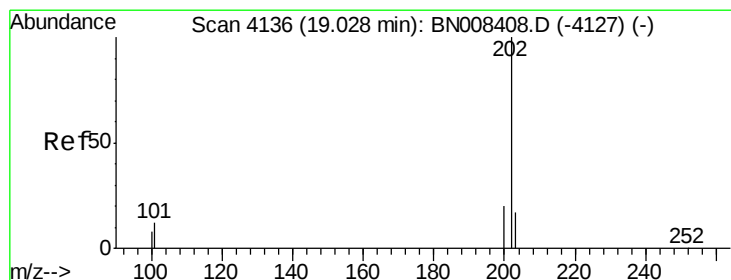
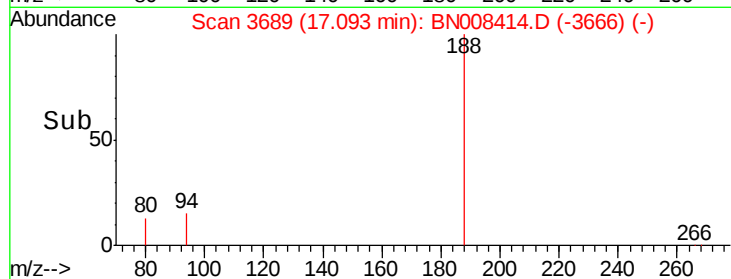
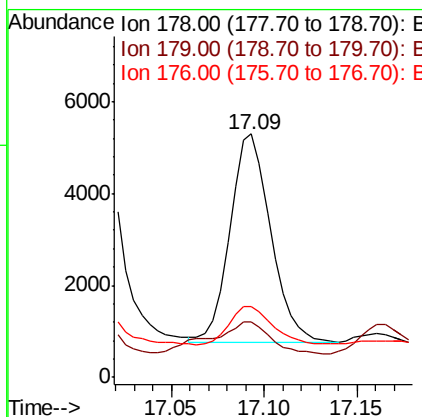
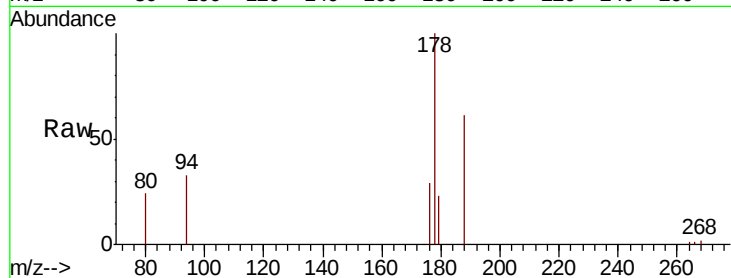
#13
 Anthracene
 Concen: 0.191 ng/ul
 RT: 17.09 min Scan# 3689
 Delta R.T. -0.00 min
 Lab File: BN008414.D
 Acq: 25 Oct 2019 06:55

Instrument :
 BNA_N
 ClientSampleId :
 BEPL8DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	22.7	13.0	19.6#
176	29.0	15.0	22.6#

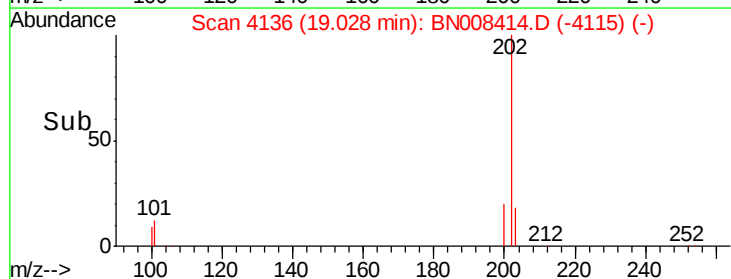
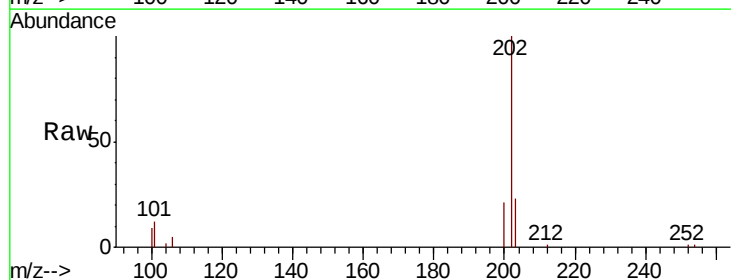
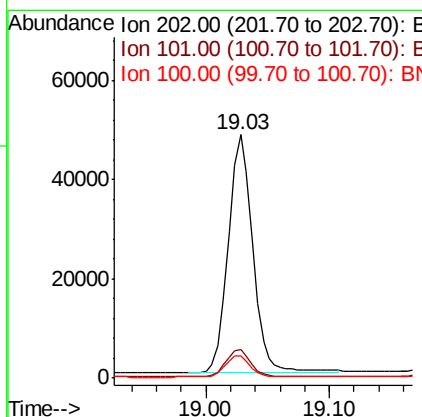
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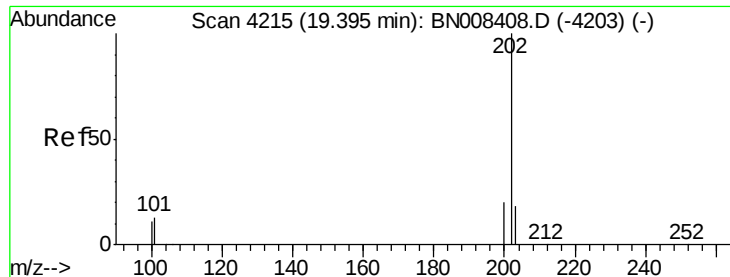
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#15
 Fluoranthene
 Concen: 1.224 ng/ul
 RT: 19.03 min Scan# 4136
 Delta R.T. -0.00 min
 Lab File: BN008414.D
 Acq: 25 Oct 2019 06:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.2
100	8.9	0.0	28.5





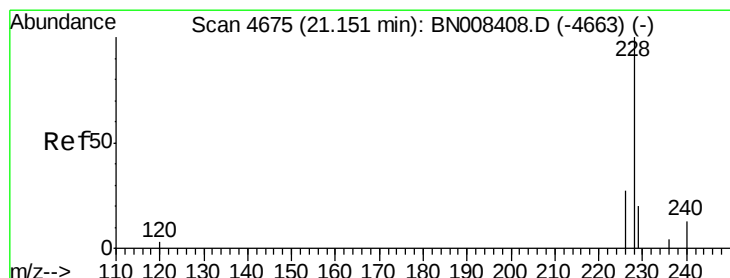
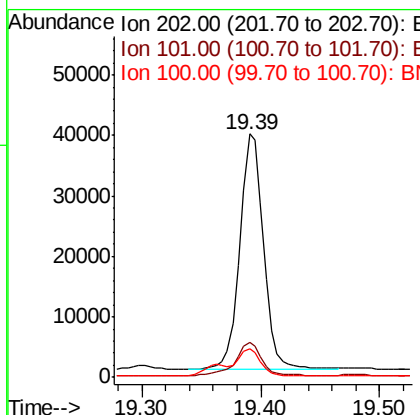
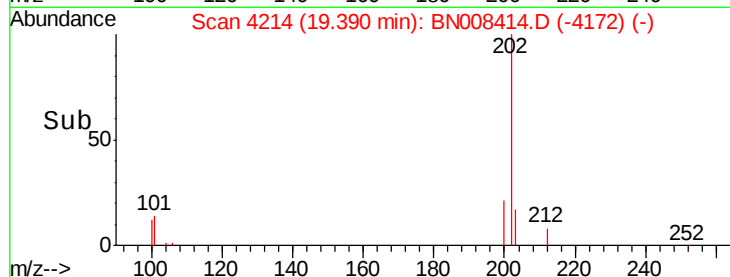
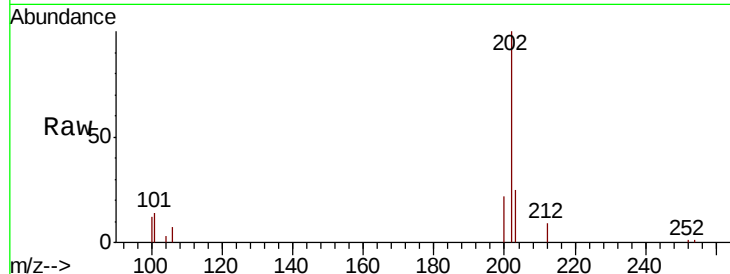
#17
Pvrene
Concen: 1.156 ng/ul
RT: 19.39 min Scan# 4214
Delta R.T. -0.00 min
Lab File: BN008414.D
Acq: 25 Oct 2019 06:55

Instrument :
BNA_N
ClientSampleId :
BEPL8DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.4	10.9	16.3
100	11.9	8.7	13.1

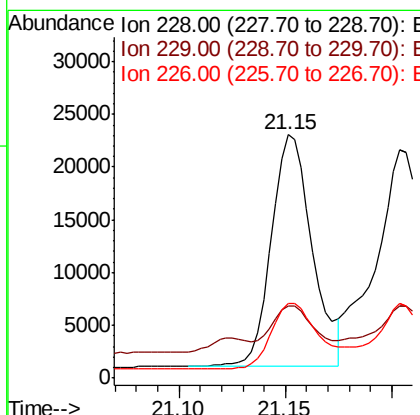
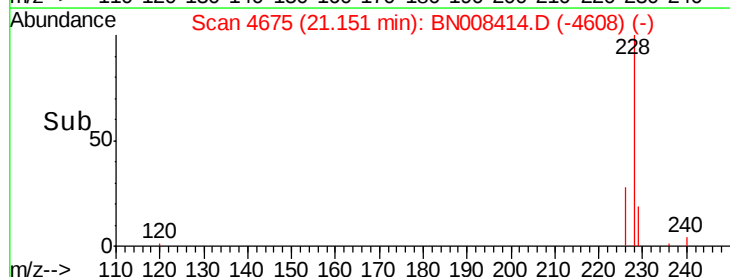
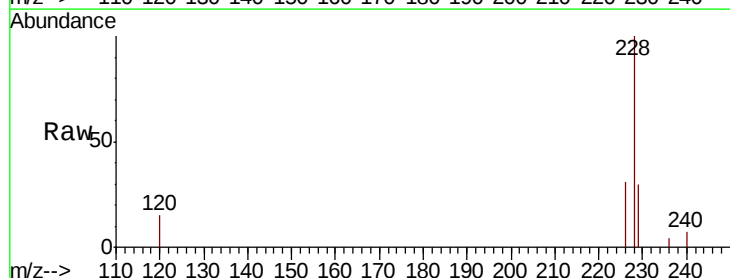
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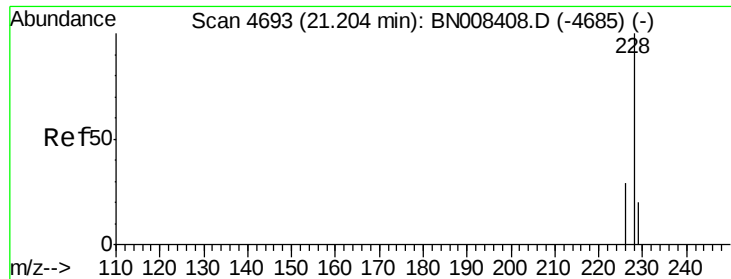
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#18
Benzo(a)anthracene
Concen: 0.689 ng/ul
RT: 21.15 min Scan# 4675
Delta R.T. -0.01 min
Lab File: BN008414.D
Acq: 25 Oct 2019 06:55

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	29.8	16.2	24.2#
226	30.6	21.4	32.0





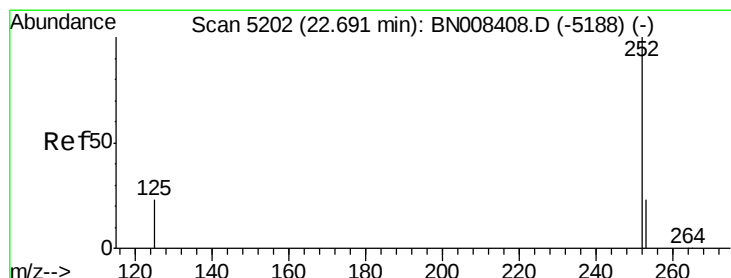
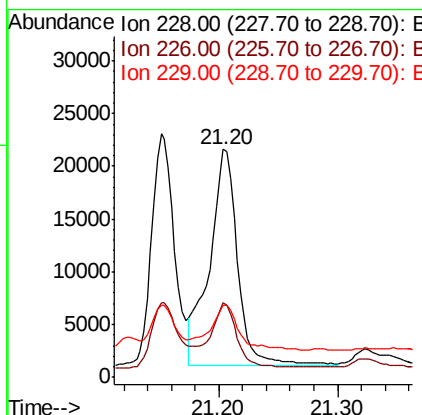
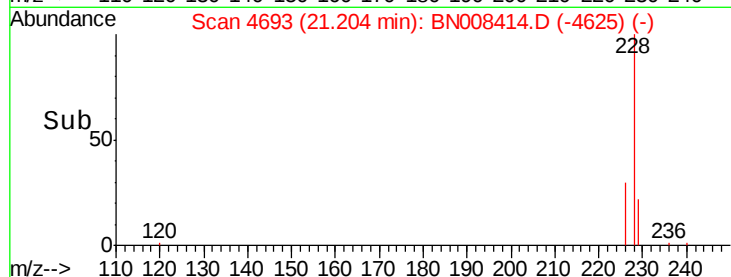
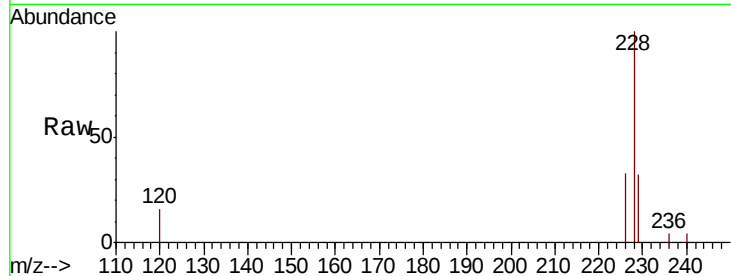
#19
Chrysene
Concen: 0.642 ng/ul
RT: 21.20 min Scan# 4693
Delta R.T. -0.00 min
Lab File: BN008414.D
Acq: 25 Oct 2019 06:55

Instrument :
BNA_N
ClientSampleId :
BEPL8DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.1	36.1
229	31.7	16.2	24.2

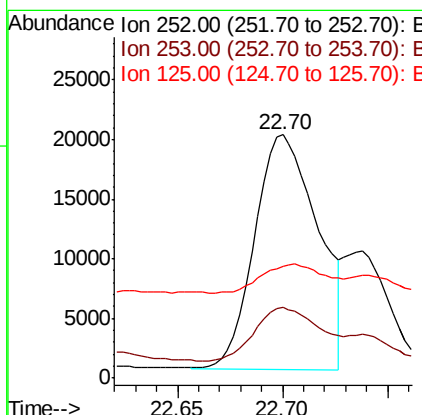
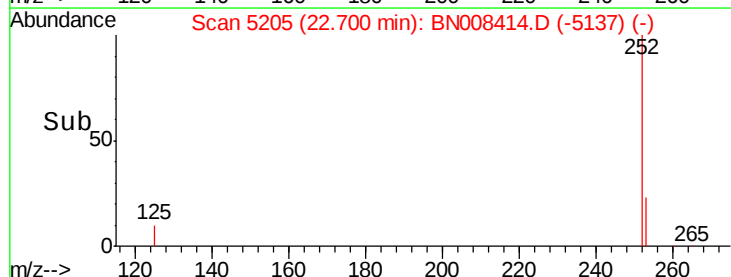
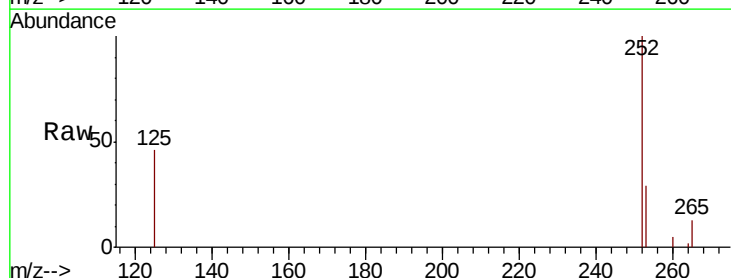
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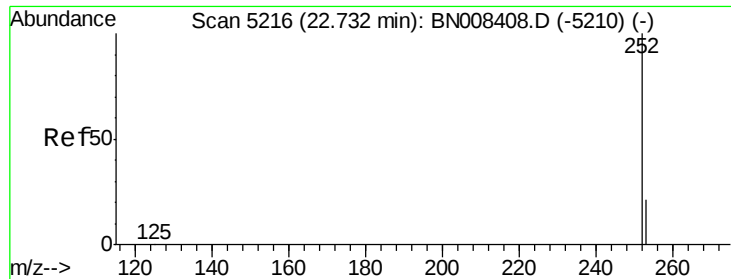
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#21
Benzo(b)fluoranthene
Concen: 1.378 ng/ul m
RT: 22.70 min Scan# 5205
Delta R.T. 0.00 min
Lab File: BN008414.D
Acq: 25 Oct 2019 06:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.1	0.0	53.4
125	45.8	0.0	32.4





#22

Benzo(k)fluoranthene

Concen: 0.481 ng/ul m

RT: 22.74 min Scan# 5218

Delta R.T. -0.00 min

Lab File: BN008414.D

Acq: 25 Oct 2019 06:55

Instrument :

BNA_N

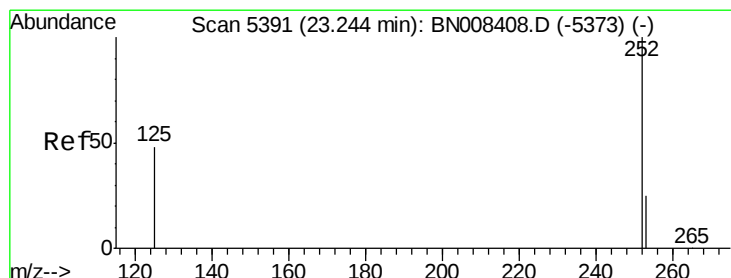
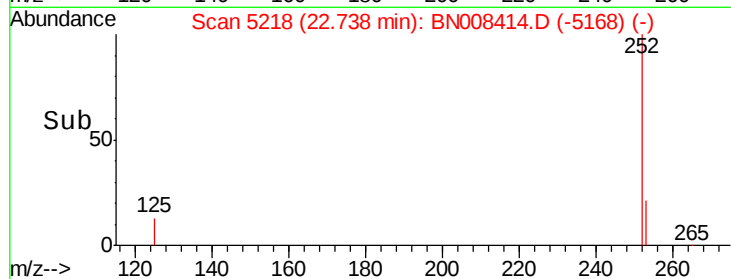
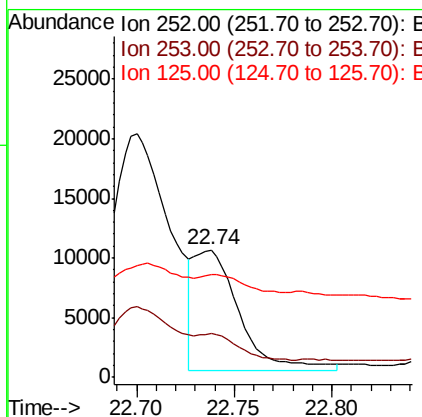
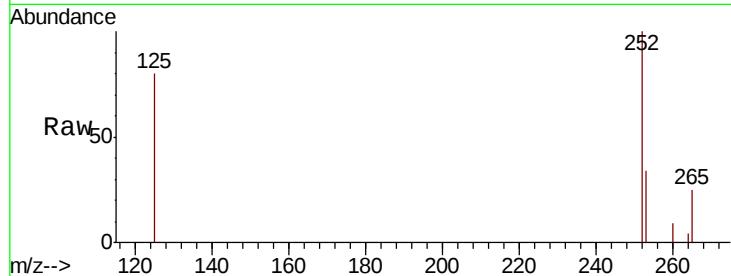
ClientSampleId :

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Tot Ion:	252	Resp:	16352
Ion Ratio	Lower	Upper	
252	100		
253	34.3	21.3	31.9#
125	80.3	12.3	18.5#

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#23

Benzo(a)pyrene

Concen: 0.772 ng/ul

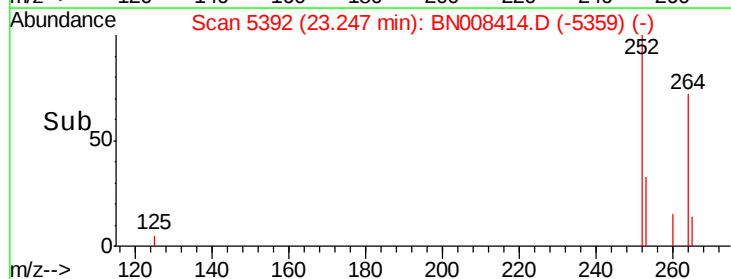
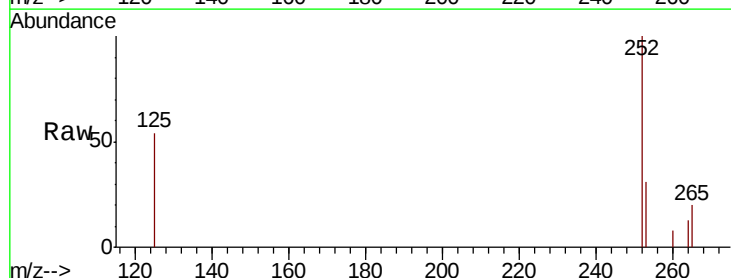
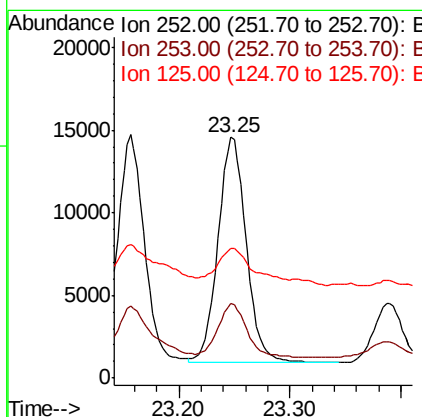
RT: 23.25 min Scan# 5392

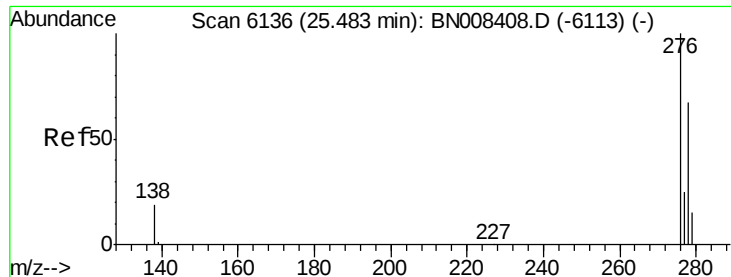
Delta R.T. -0.00 min

Lab File: BN008414.D

Acq: 25 Oct 2019 06:55

Tgt Ion:	252	Resp:	24354
Ion Ratio	Lower	Upper	
252	100		
253	31.0	22.8	34.2
125	54.0	18.4	27.6#





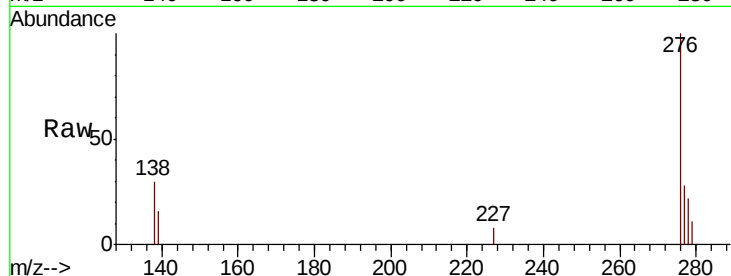
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.646 ng/ul
RT: 25.49 min Scan# 6139
Delta R.T. -0.00 min
Lab File: BN008414.D
Acq: 25 Oct 2019 06:55

Instrument :
BNA_N
ClientSampleId :
BEPL8DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.1	16.1	24.1
227	0.0	0.2	0.2

Manual Integrations
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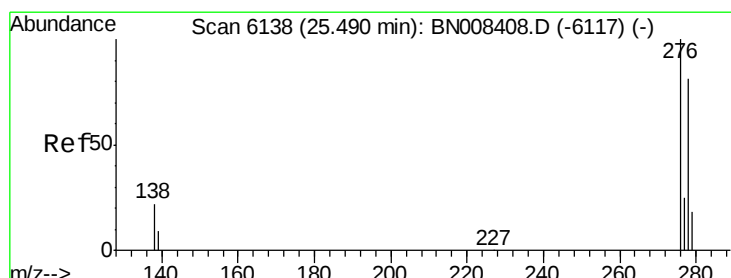
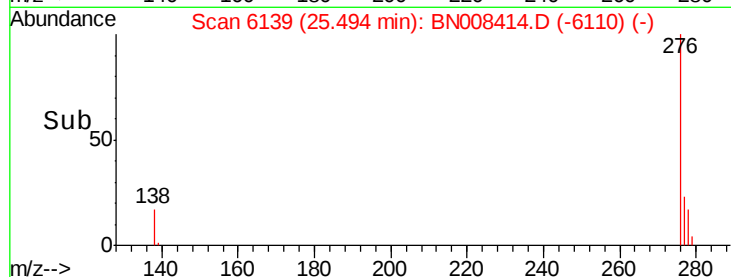
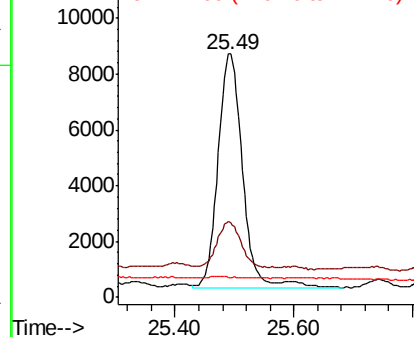


Abundance

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: 0.175 ng/ul
RT: 25.50 min Scan# 6140
Delta R.T. -0.01 min
Lab File: BN008414.D
Acq: 25 Oct 2019 06:55

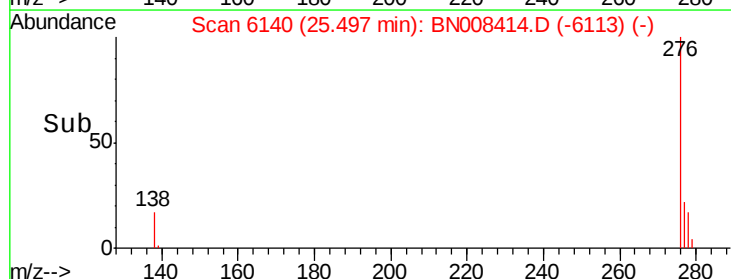
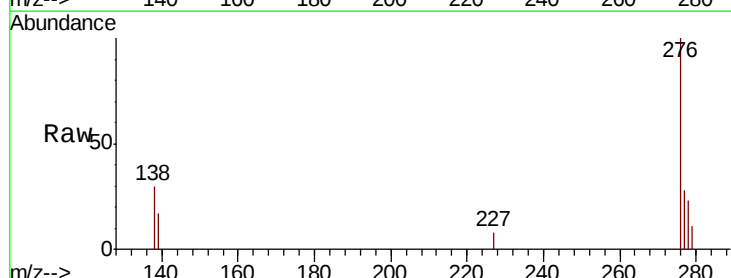
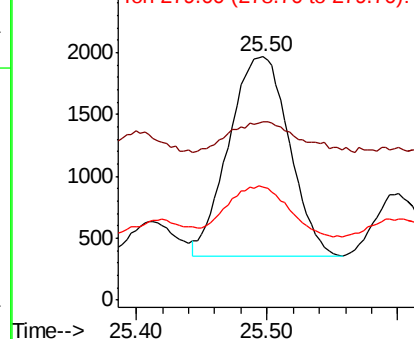
Tgt Ion	Ratio	Lower	Upper
278	100		
139	73.1	15.0	22.6
279	46.5	22.4	33.6

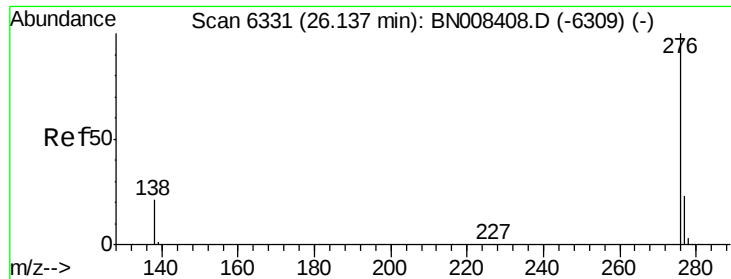
Abundance

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: 0.844 ng/ul
 RT: 26.14 min Scan# 6333
 Delta R.T. -0.00 min
 Lab File: BN008414.D
 Acq: 25 Oct 2019 06:55

Instrument :
 BNA_N
 ClientSampleId :
 BEPL8DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.5	17.0	25.4#
277	26.5	20.4	30.6

Manual Integrations
 APPROVED

mohammad
 10/25/2019 9:28:21 PM

