

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
 Data File : BN008416.D
 Acq On : 25 Oct 2019 08:06
 Operator : JU
 Sample : K5236-10DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPL9DL

Manual Integrations
 APPROVED

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 10/25/2019 9:28:27 PM

Quant Time: Oct 25 12:08:27 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 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	2071	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	10475	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	6911	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	14629	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	11625	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	9193	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	526	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	1781	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.38	128	1503	0.050	ng/ul#	86
5) 2-Methylnaphthalene	12.02	142	544	0.027	ng/ul	100
7) Acenaphthylene	13.93	152	8083	0.246	ng/ul	99
8) Acenaphthene	14.27	153	541	0.021	ng/ul	95
9) Fluorene	15.26	166	3544	0.122	ng/ul	96
12) Phenanthrene	17.00	178	59095	1.380	ng/ul	99
13) Anthracene	17.09	178	10338	0.274	ng/ul	98
15) Fluoranthene	19.03	202	103565	1.831	ng/ul	100
17) Pyrene	19.39	202	74815	1.616	ng/ul	100
18) Benzo(a)anthracene	21.15	228	37785	0.894	ng/ul	95
19) Chrysene	21.20	228	36537	0.704	ng/ul	97
21) Benzo(b)fluoranthene	22.70	252	37027m	1.237	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	15027m	0.443	ng/ul	
23) Benzo(a)pyrene	23.24	252	24027	0.763	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.49	276	18625	0.502	ng/ul	99
25) Dibenzo(a,h)anthracene	25.49	278	4168	0.142	ng/ul#	63
26) Benzo(a,h,i)perylene	26.14	276	21000	0.617	ng/ul	97

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

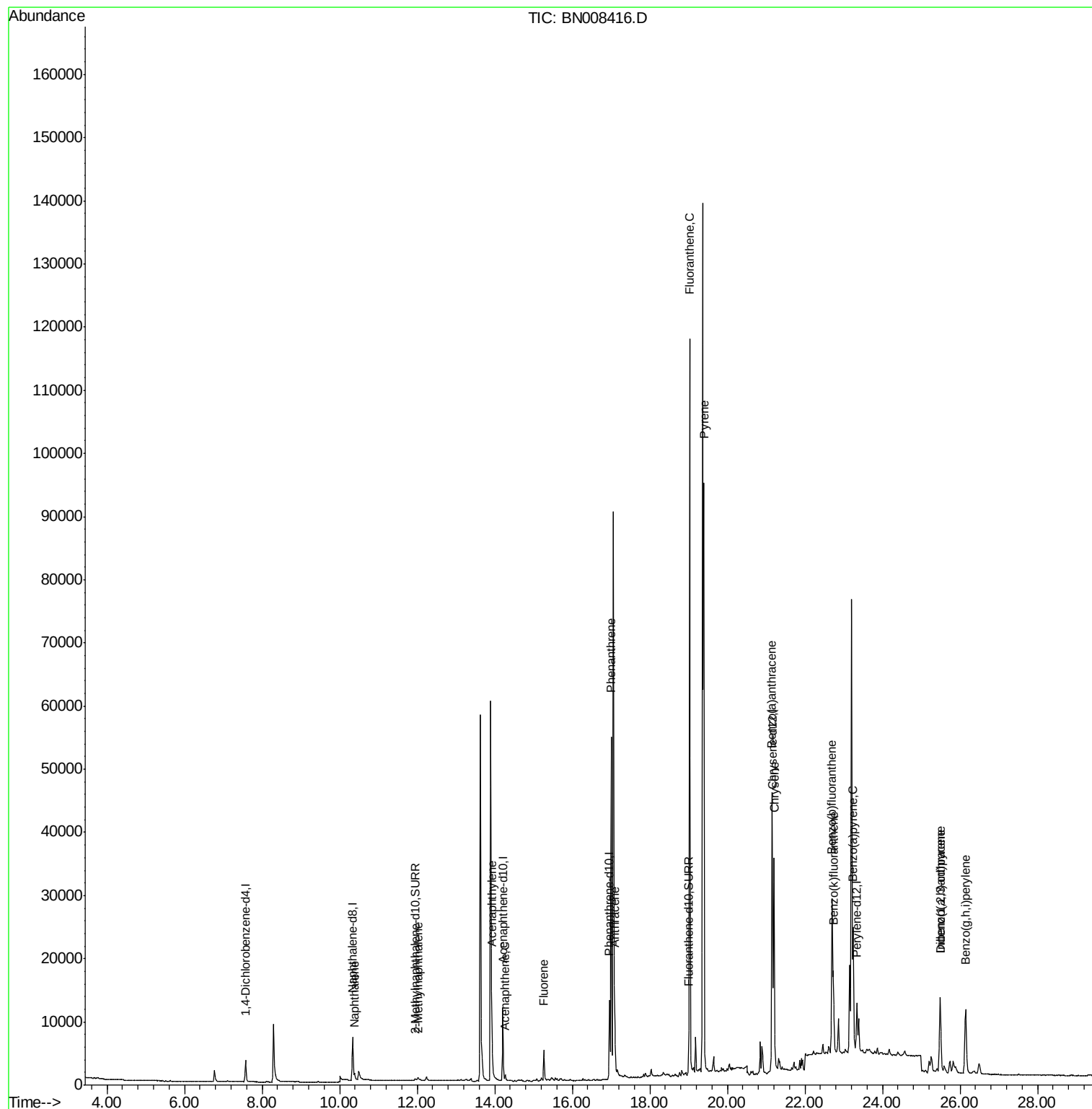
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
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ALS Vial : 38 Sample Multiplier: 1

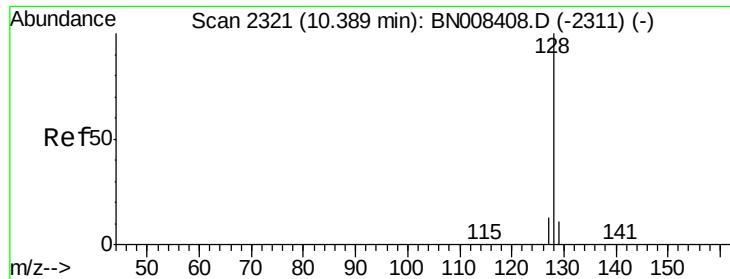
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Fri Oct 25 00:45:13 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.050 ng/ul

RT: 10.38 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BN008416.D

Acq: 25 Oct 2019 08:06

Instrument :

BNA_N

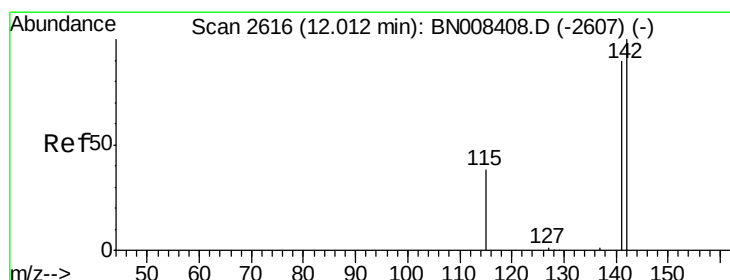
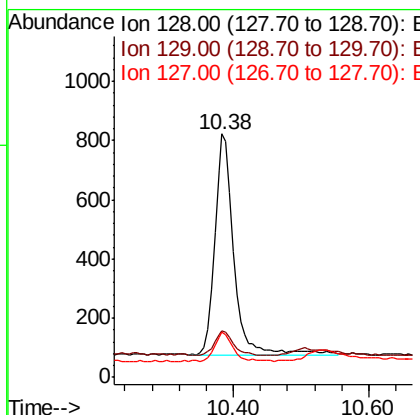
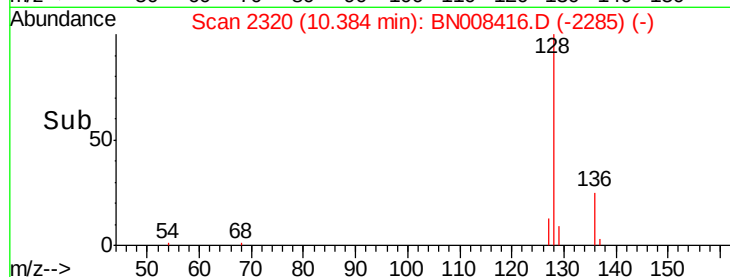
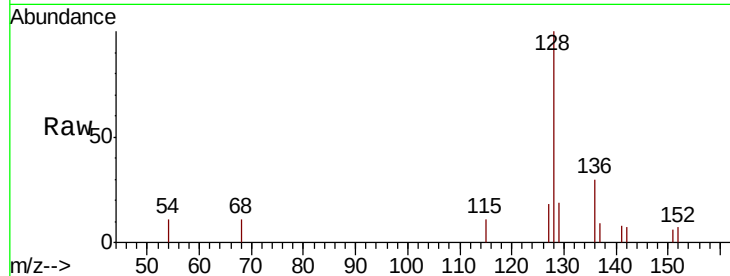
ClientSampleId :

BEPL9DL

Tot Ion:	128	Resp:	1503
Ion Ratio	Lower	Upper	
128	100		
129	18.8	9.8	14.8#
127	18.3	11.1	16.7#

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#5

2-Methylnaphthalene

Concen: 0.027 ng/ul

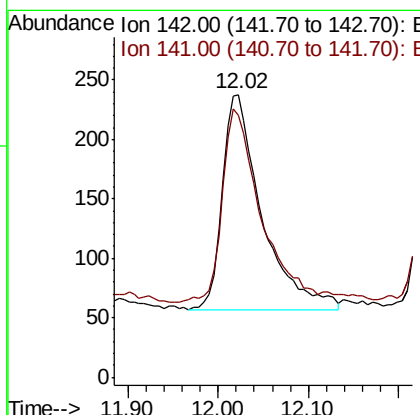
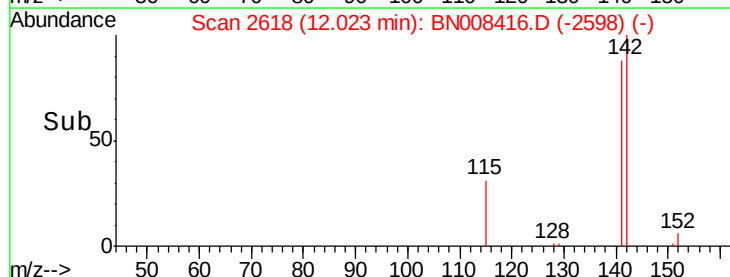
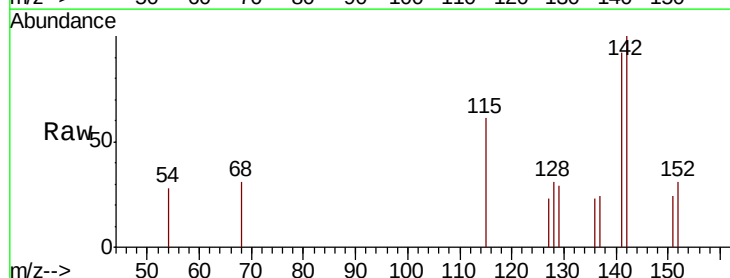
RT: 12.02 min Scan# 2618

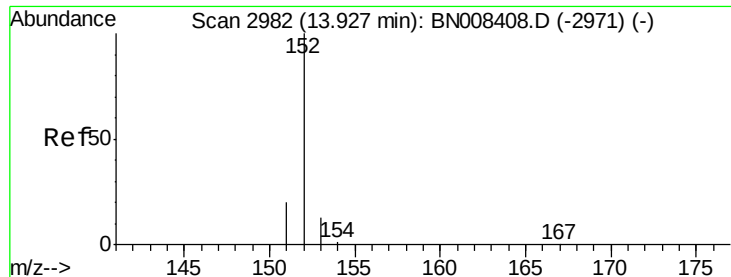
Delta R.T. 0.01 min

Lab File: BN008416.D

Acq: 25 Oct 2019 08:06

Tgt Ion:	142	Resp:	544
Ion Ratio	Lower	Upper	
142	100		
141	89.0	71.4	107.2





#7

Acenaphthylene

Concen: 0.246 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. -0.00 min

Lab File: BN008416.D

Acq: 25 Oct 2019 08:06

Instrument :

BNA_N

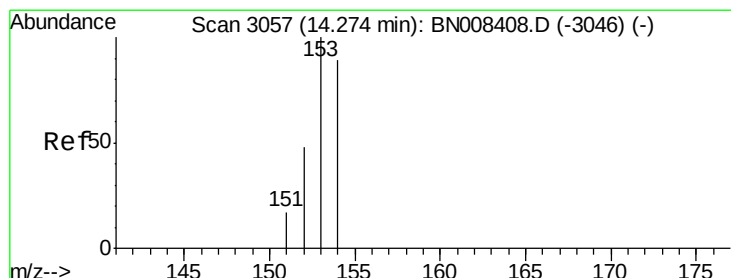
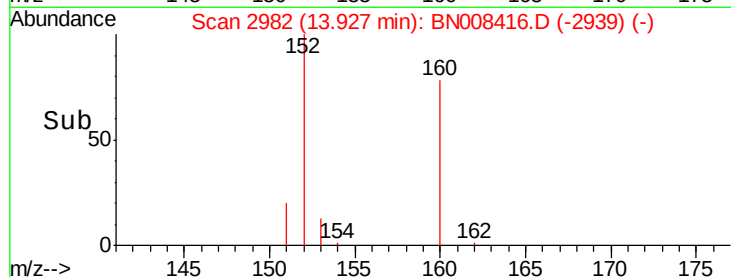
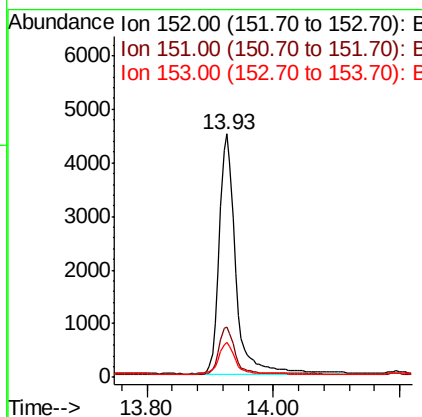
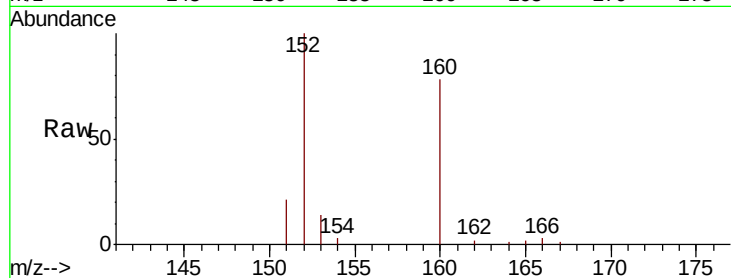
ClientSampleId :

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Tot Ion:	152	Resp:	8083
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.2	24.4
153	14.5	11.0	16.4

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#8

Acenaphthene

Concen: 0.021 ng/ul

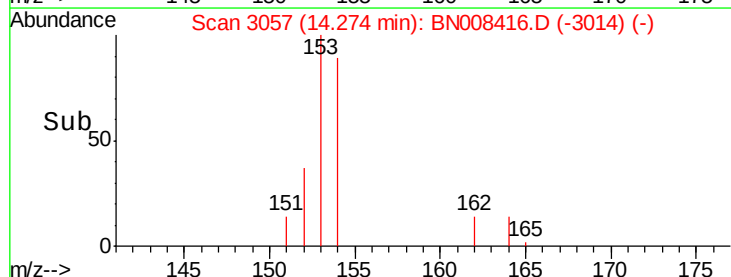
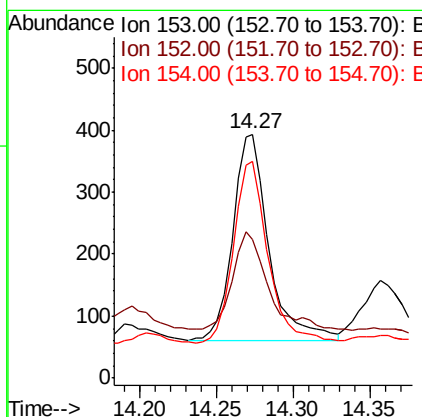
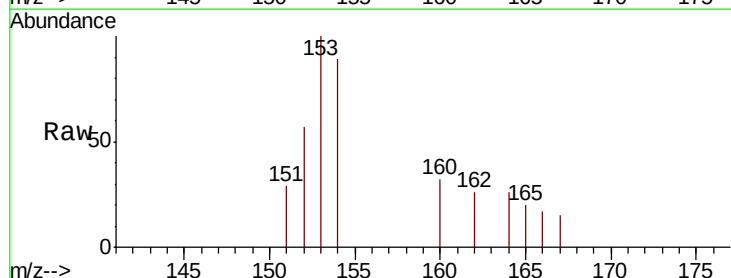
RT: 14.27 min Scan# 3057

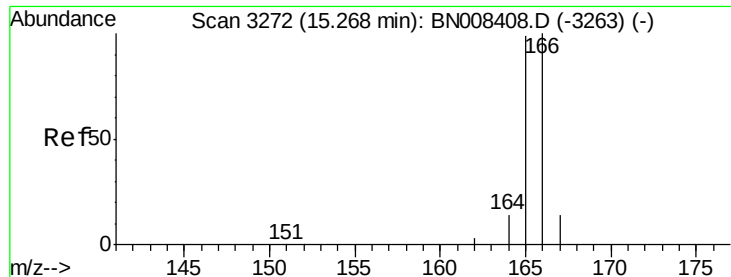
Delta R.T. -0.00 min

Lab File: BN008416.D

Acq: 25 Oct 2019 08:06

Tgt Ion:	153	Resp:	541
Ion Ratio	Lower	Upper	
153	100		
152	56.7	38.2	57.2
154	88.8	71.8	107.8





#9

Fluorene

Concen: 0.122 ng/ul

RT: 15.26 min Scan# 3271

Delta R.T. -0.00 min

Lab File: BN008416.D

Acq: 25 Oct 2019 08:06

Instrument :

BNA_N

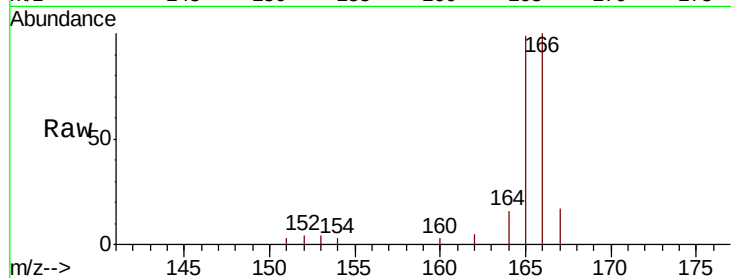
ClientSampleId :

BEPL9DL

Tot Ion:	166	Resp:	3544
Ion	Ratio	Lower	Upper
166	100		
165	99.2	76.6	115.0
167	17.2	11.7	17.5

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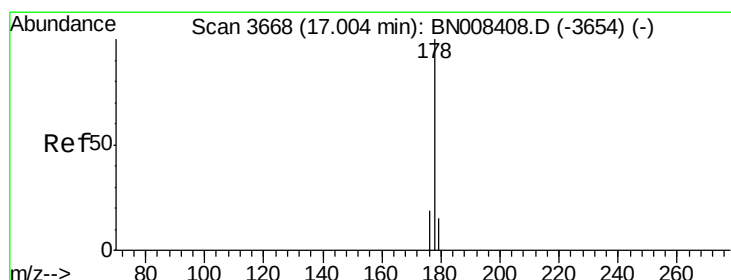
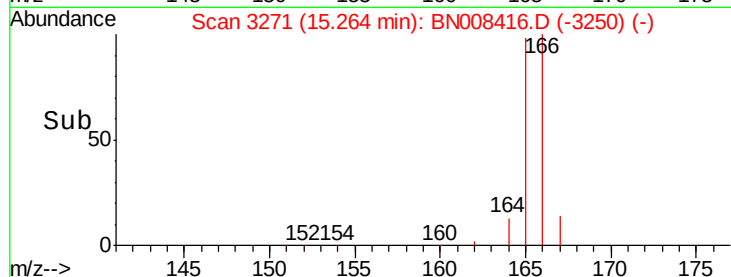
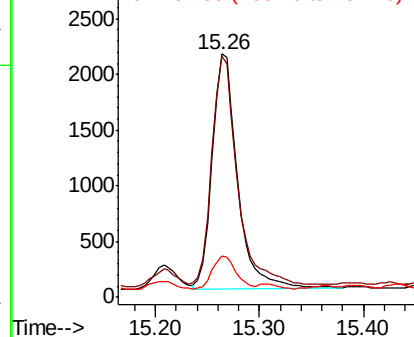


Abundance

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: 1.380 ng/ul

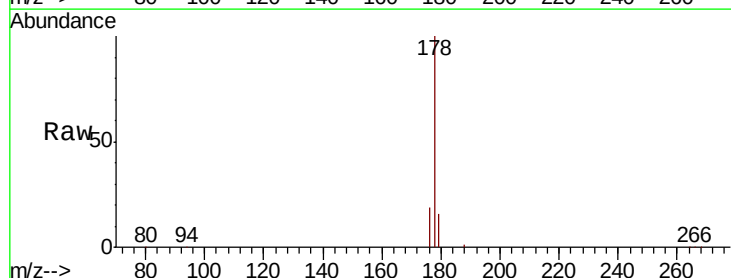
RT: 17.00 min Scan# 3667

Delta R.T. -0.00 min

Lab File: BN008416.D

Acq: 25 Oct 2019 08:06

Tgt Ion:	178	Resp:	59095
Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	18.8	15.4	23.2

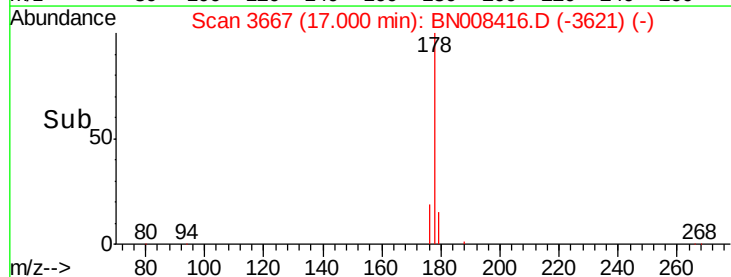
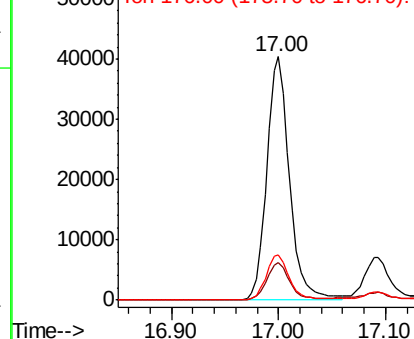


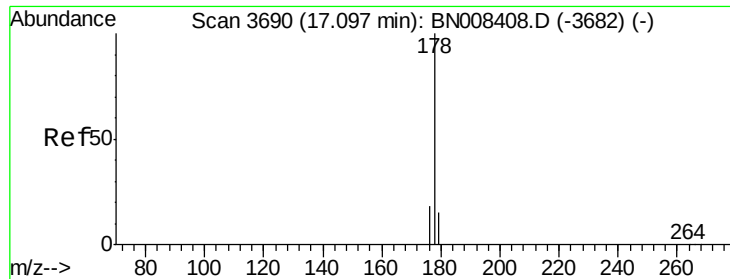
Abundance

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: 0.274 ng/ul

RT: 17.09 min Scan# 3689

Delta R.T. -0.00 min

Lab File: BN008416.D

Acq: 25 Oct 2019 08:06

Instrument :

BNA_N

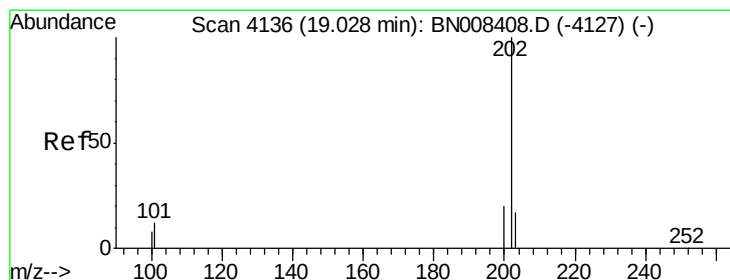
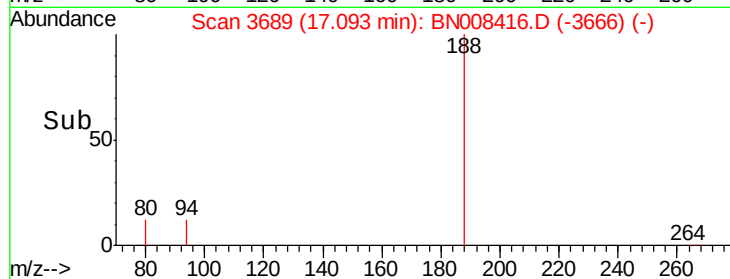
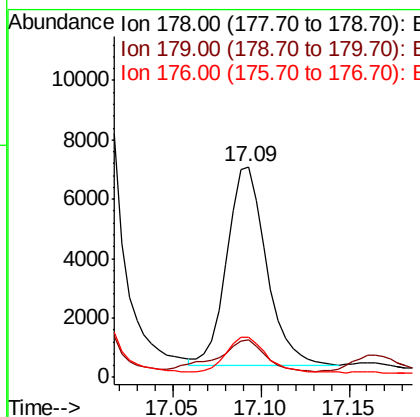
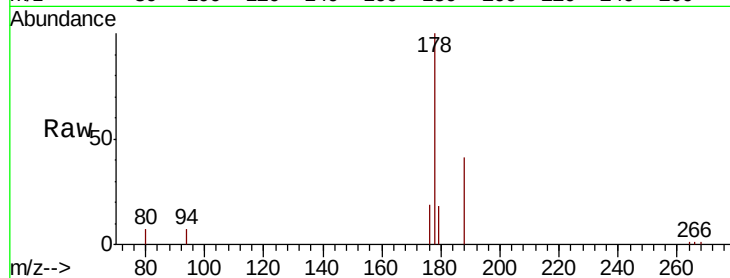
ClientSampleId :

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Tot Ion:	178	Resp:	10338
Ion Ratio	Lower	Upper	
178	100		
179	17.6	13.0	19.6
176	19.2	15.0	22.6

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#15

Fluoranthene

Concen: 1.831 ng/ul

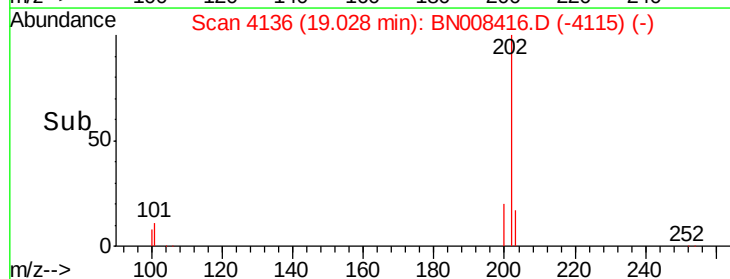
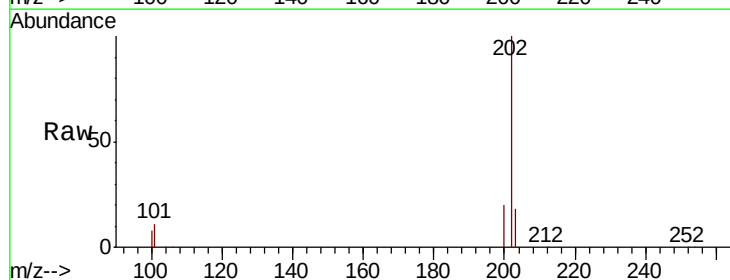
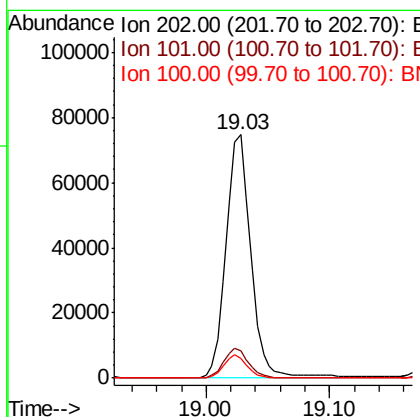
RT: 19.03 min Scan# 4136

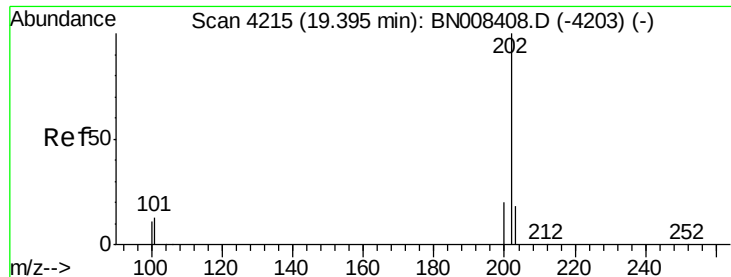
Delta R.T. -0.00 min

Lab File: BN008416.D

Acq: 25 Oct 2019 08:06

Tgt Ion:	202	Resp:	103565
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	31.2
100	8.3	0.0	28.5





#17

Pyrene

Concen: 1.616 ng/ul

RT: 19.39 min Scan# 4214

Delta R.T. -0.00 min

Lab File: BN008416.D

Acq: 25 Oct 2019 08:06

Instrument :

BNA_N

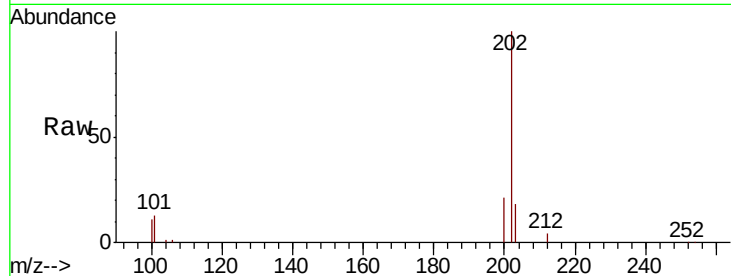
ClientSampleId :

BEPL9DL

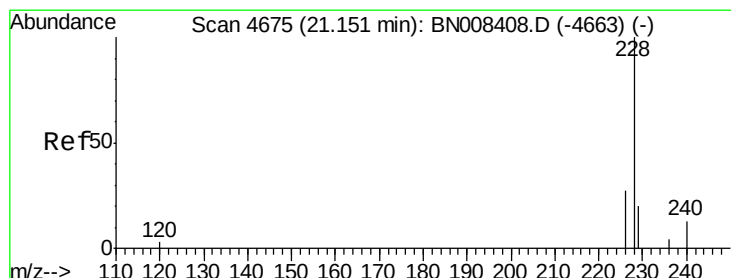
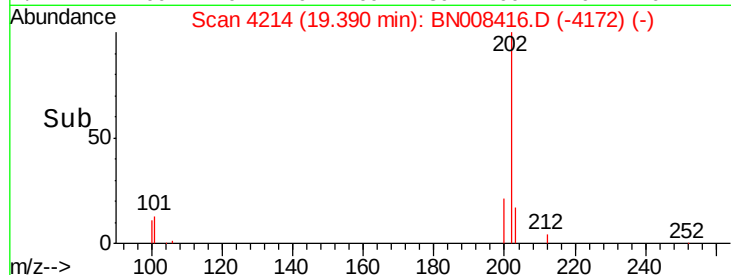
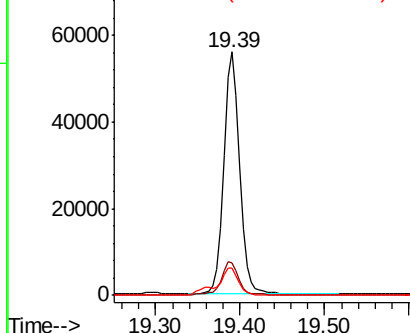
Tot Ion:	202	Resp:	74815
Ion Ratio	Lower	Upper	
202	100		
101	13.4	10.9	16.3
100	11.0	8.7	13.1

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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: 0.894 ng/ul

RT: 21.15 min Scan# 4675

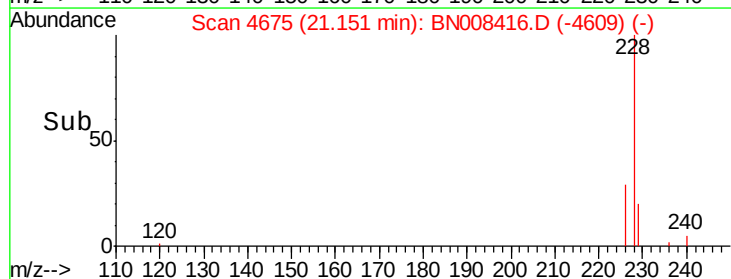
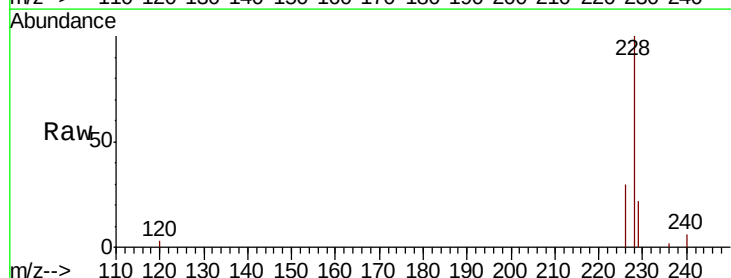
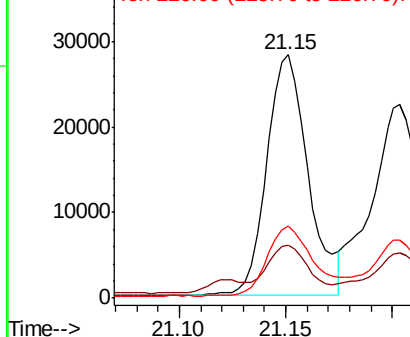
Delta R.T. -0.01 min

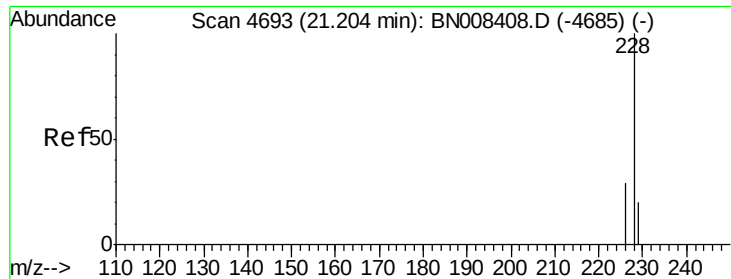
Lab File: BN008416.D

Acq: 25 Oct 2019 08:06

Tgt Ion:	228	Resp:	37785
Ion Ratio	Lower	Upper	
228	100		
229	21.8	16.2	24.2
226	29.5	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: 0.704 ng/ul

RT: 21.20 min Scan# 4693

Delta R.T. -0.00 min

Lab File: BN008416.D

Acq: 25 Oct 2019 08:06

Instrument :

BNA_N

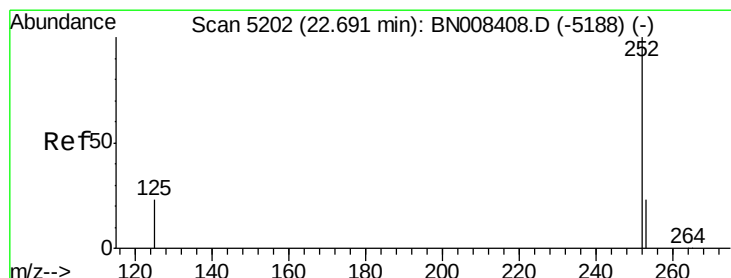
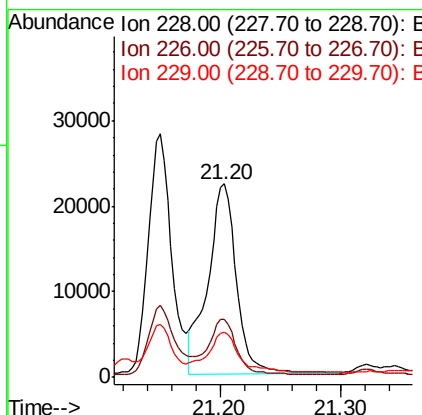
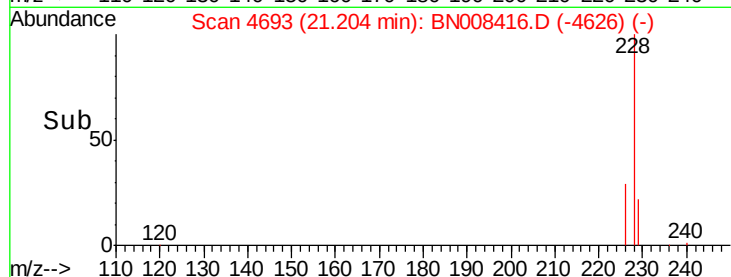
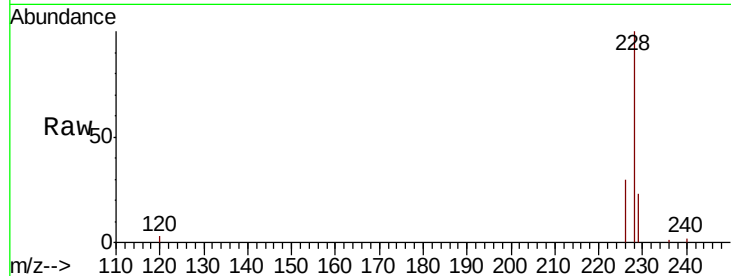
ClientSampleId :

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Tot Ion:	228	Resp:	36537
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.1	36.1
229	23.5	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 1.237 ng/ul m

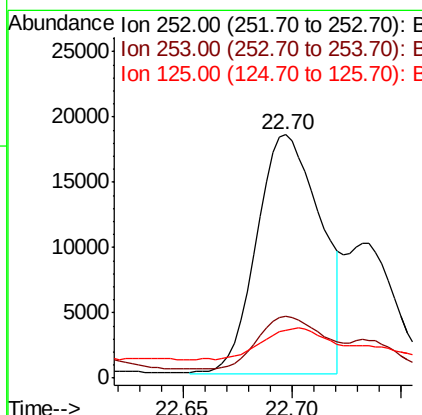
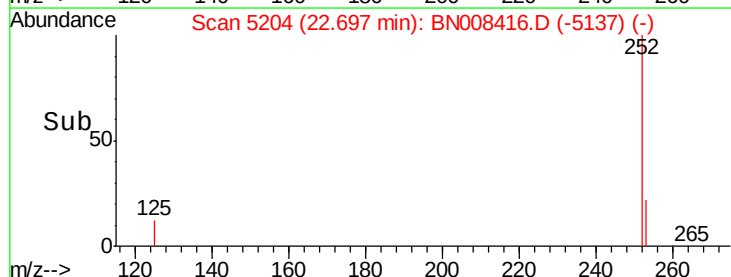
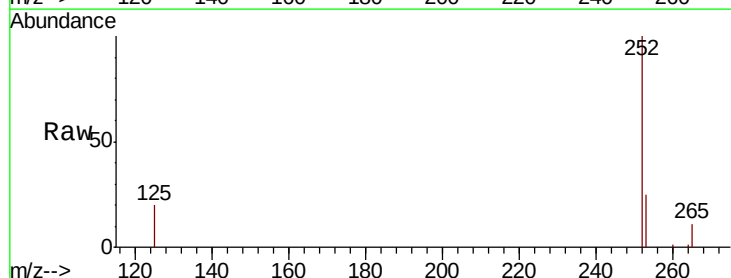
RT: 22.70 min Scan# 5204

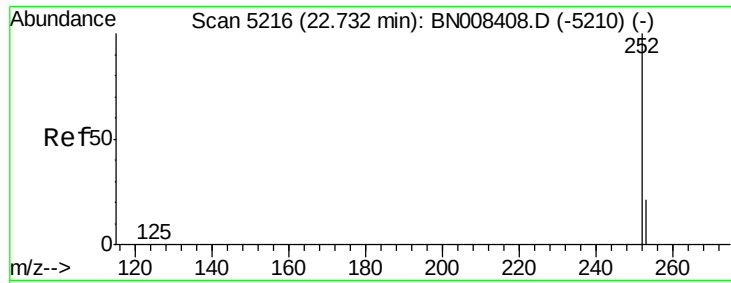
Delta R.T. -0.00 min

Lab File: BN008416.D

Acq: 25 Oct 2019 08:06

Tgt Ion:	252	Resp:	37027
Ion Ratio	Lower	Upper	
252	100		
253	25.4	0.0	53.4
125	19.8	0.0	32.4





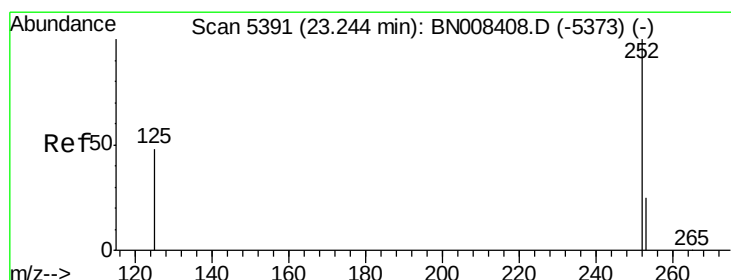
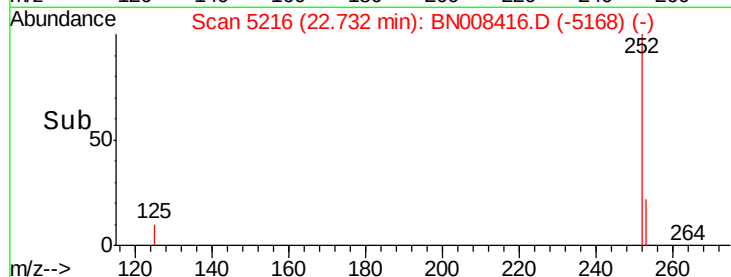
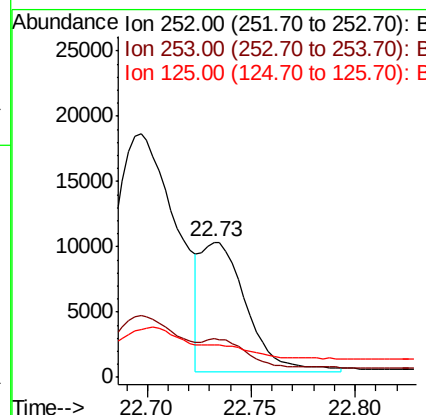
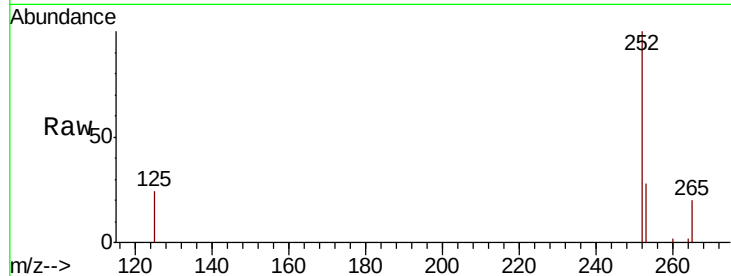
#22
Benzo(k)fluoranthene
Concen: 0.443 ng/ul m
RT: 22.73 min Scan# 5216
Delta R.T. -0.01 min
Lab File: BN008416.D
Acq: 25 Oct 2019 08:06

Instrument :
BNA_N
ClientSampleId :
BEPL9DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.3	21.3	31.9
125	24.0	12.3	18.5#

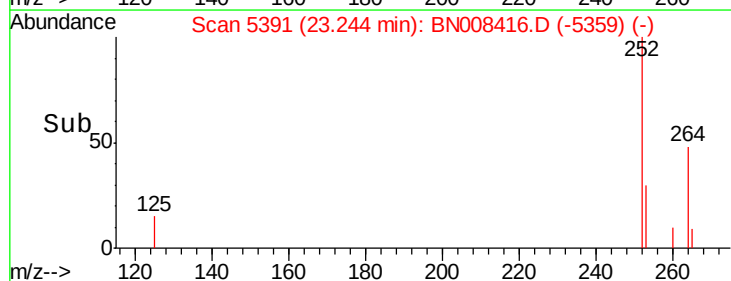
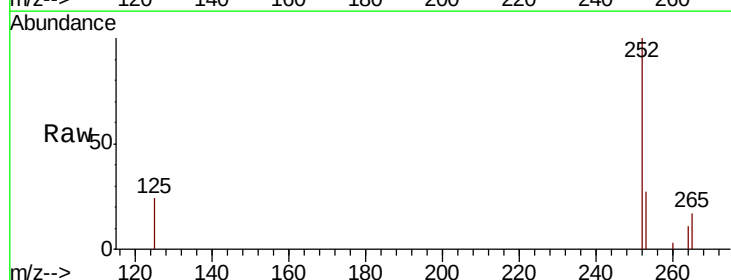
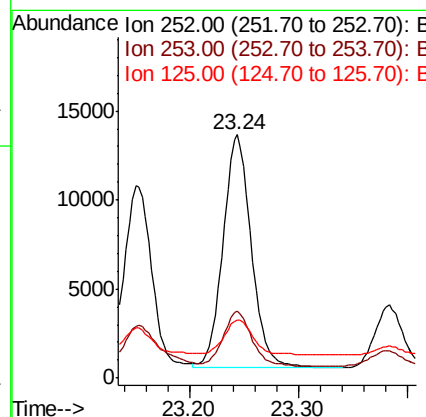
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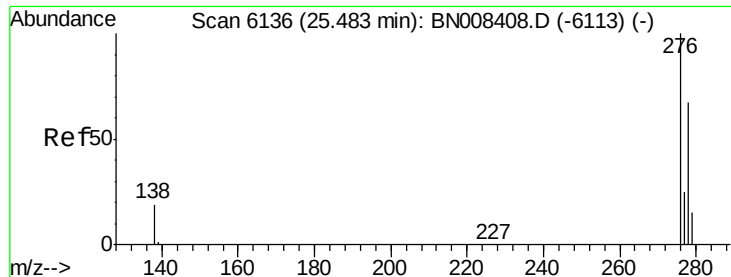
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#23
Benzo(a)pyrene
Concen: 0.763 ng/ul
RT: 23.24 min Scan# 5391
Delta R.T. -0.01 min
Lab File: BN008416.D
Acq: 25 Oct 2019 08:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.5	22.8	34.2
125	23.7	18.4	27.6





#24

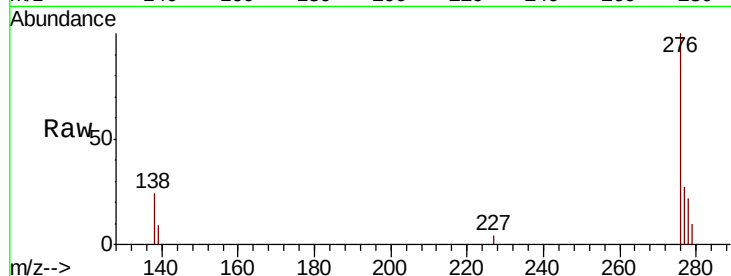
Indeno(1,2,3-cd)pyrene
Concen: 0.502 ng/ul
RT: 25.49 min Scan# 6137
Delta R.T. -0.01 min
Lab File: BN008416.D
Acq: 25 Oct 2019 08:06

Instrument :
BNA_N
ClientSampleId :
BEPL9DL

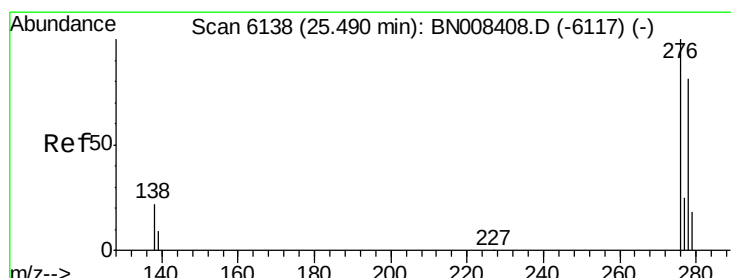
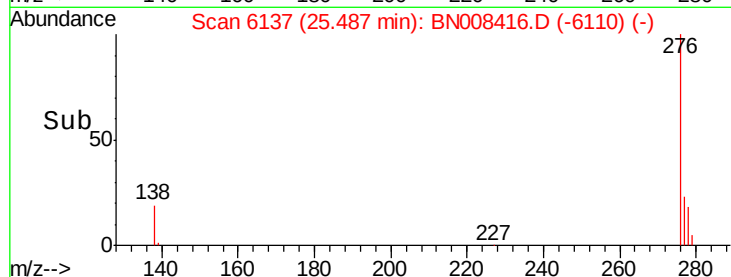
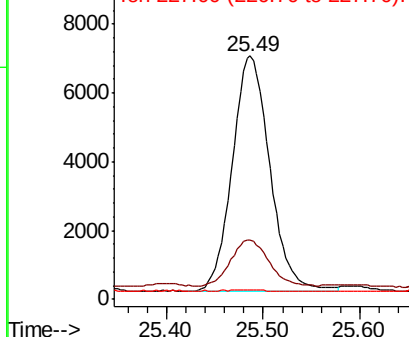
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.6	16.1	24.1
227	0.2	0.2	0.2

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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

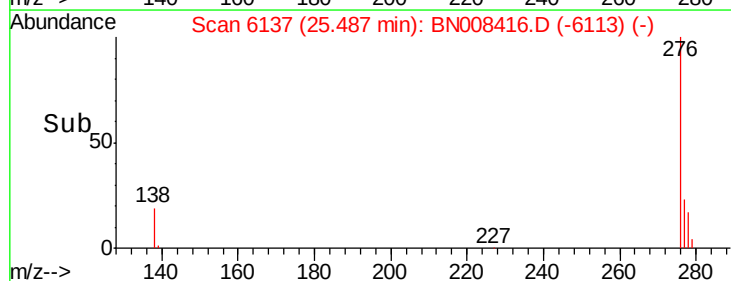
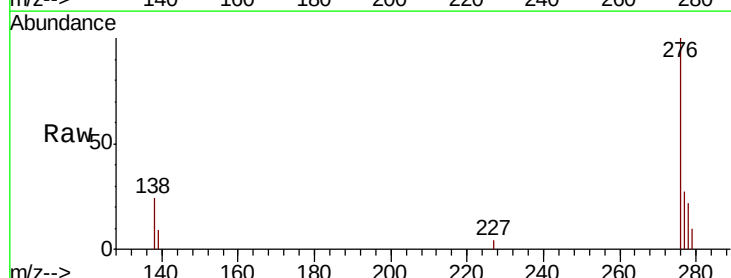
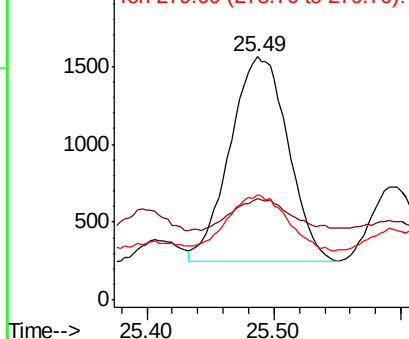


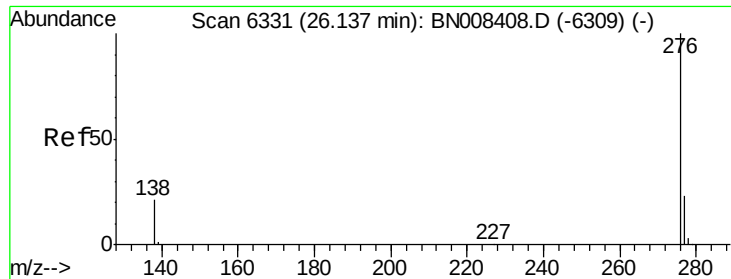
#25

Dibenzo(a,h)anthracene
Concen: 0.142 ng/ul
RT: 25.49 min Scan# 6137
Delta R.T. -0.02 min
Lab File: BN008416.D
Acq: 25 Oct 2019 08:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	41.5	15.0	22.6#
279	43.1	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: 0.617 ng/ul

RT: 26.14 min Scan# 6332

Delta R.T. -0.01 min

Lab File: BN008416.D

Acq: 25 Oct 2019 08:06

Instrument :

BNA_N

ClientSampleId :

BEPL9DL

Tot Ion:	276	Resp:	21000
Ion Ratio	Lower	Upper	
276	100		
138	24.3	17.0	25.4
277	25.9	20.4	30.6

Manual Integrations
APPROVED

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