

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
 Data File : BN008295.D
 Acq On : 21 Oct 2019 22:26
 Operator : JU
 Sample : K5199-20
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPH0

Manual Integrations
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Quant Time: Oct 22 00:45:19 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 : Mon Oct 21 23:58:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1972	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	9230	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5783	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	12867m	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	12198	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	11219	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	3745	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	11961	0.27	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.40	128	5144	0.196	ng/ul	97
5) 2-Methylnaphthalene	12.02	142	2435	0.135	ng/ul	100
7) Acenaphthylene	13.94	152	12835	0.466	ng/ul	97
8) Acenaphthene	14.28	153	7399	0.345	ng/ul	99
9) Fluorene	15.28	166	9865	0.406	ng/ul	99
12) Phenanthrene	17.01	178	209483	5.561	ng/ul	99
13) Anthracene	17.10	178	39946	1.205	ng/ul	99
15) Fluoranthene	19.04	202	481844	9.684	ng/ul	99
17) Pyrene	19.40	202	444505	9.152	ng/ul	99
18) Benzo(a)anthracene	21.16	228	266296	6.005	ng/ul	98
19) Chrysene	21.21	228	279889	5.143	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	328206m	8.987	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	97203m	2.350	ng/ul	
23) Benzo(a)pyrene	23.26	252	217523	5.660	ng/ul	91
24) Indeno(1,2,3-cd)pyrene	25.50	276	120221	2.656	ng/ul	100
25) Dibenzo(a,h)anthracene	25.51	278	31582	0.883	ng/ul	99
26) Benzo(a,h,i)perylene	26.16	276	90158	2.172	ng/ul	98

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

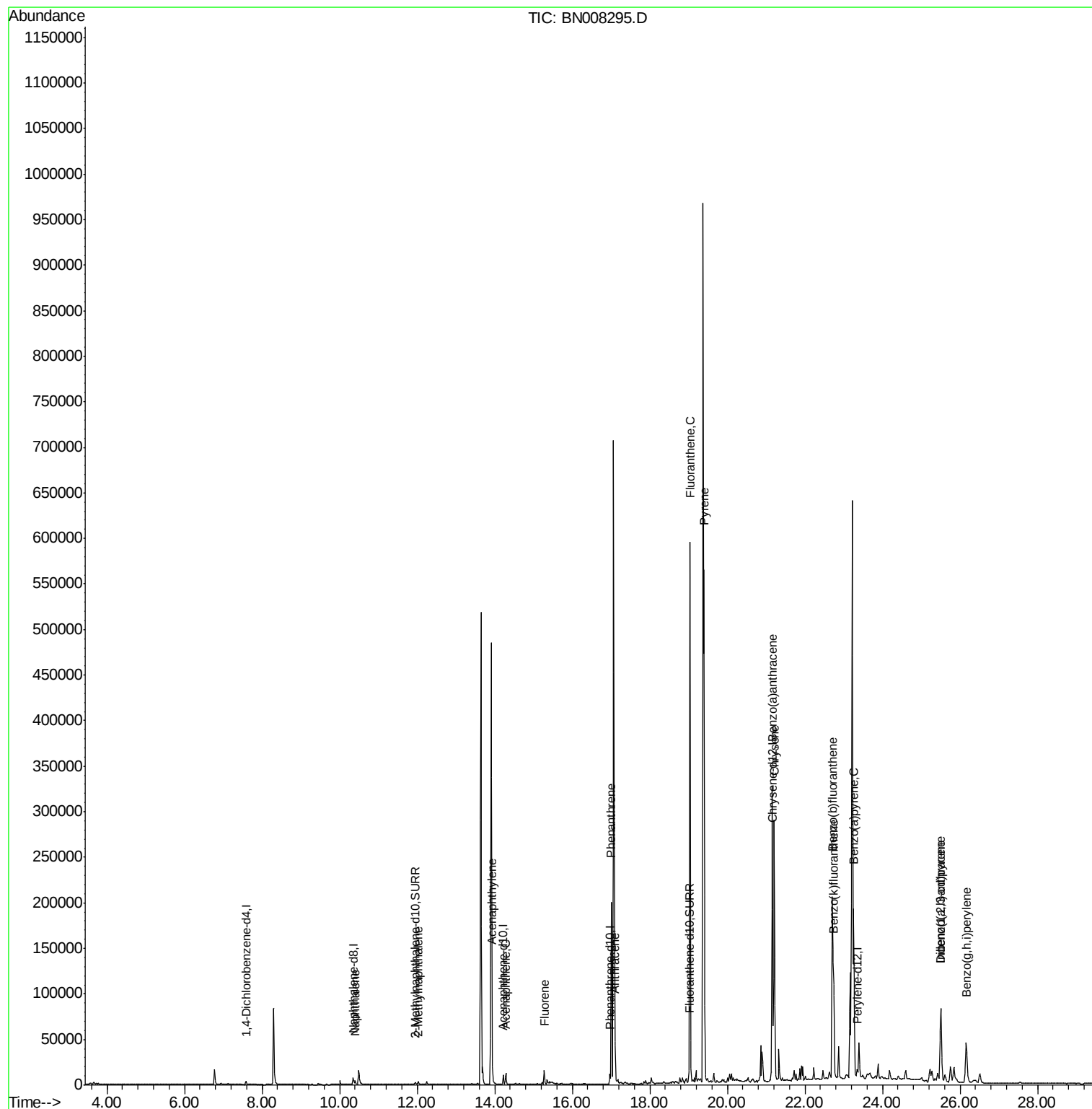
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
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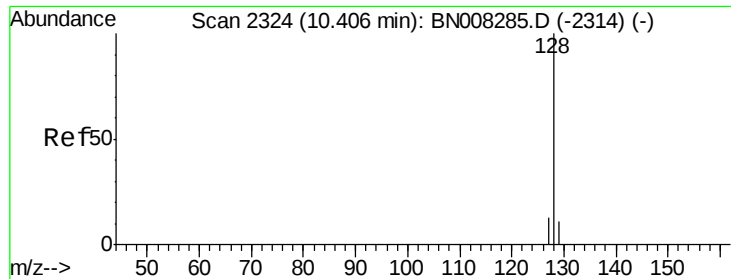
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Mon Oct 21 23:58:15 2019
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#3

Naphthalene

Concen: 0.196 ng/ul

RT: 10.40 min Scan# 2323

Delta R.T. 0.00 min

Lab File: BN008295.D

Acq: 21 Oct 2019 22:26

Instrument :

BNA_N

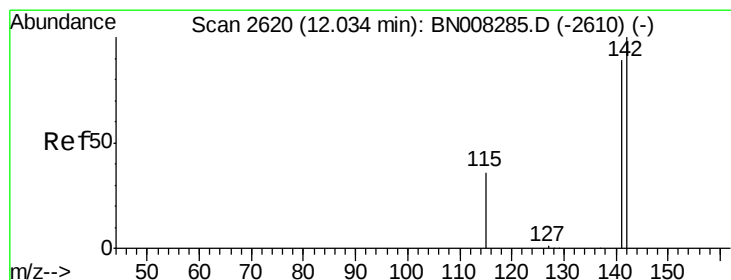
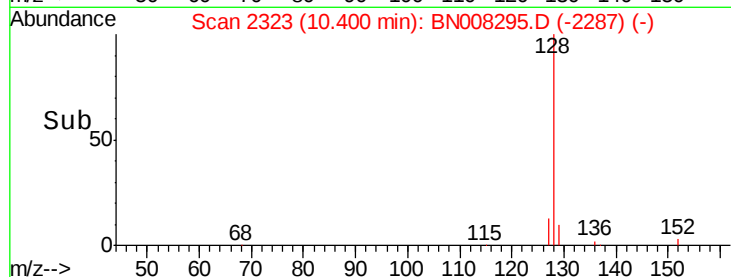
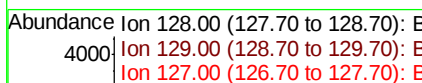
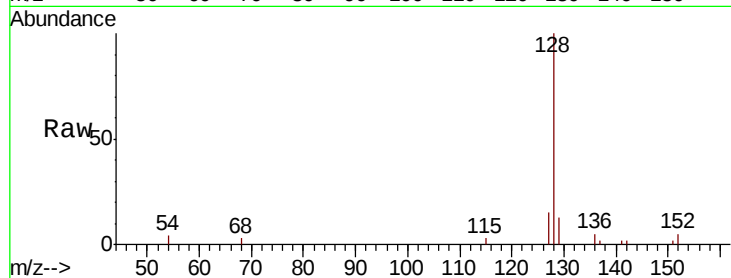
ClientSampleId :

BEPH0

Tot Ion:	128	Resp:	5144
Ion	Ratio	Lower	Upper
128	100		
129	13.4	9.8	14.8
127	14.9	11.1	16.7

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#5

2-Methylnaphthalene

Concen: 0.135 ng/ul

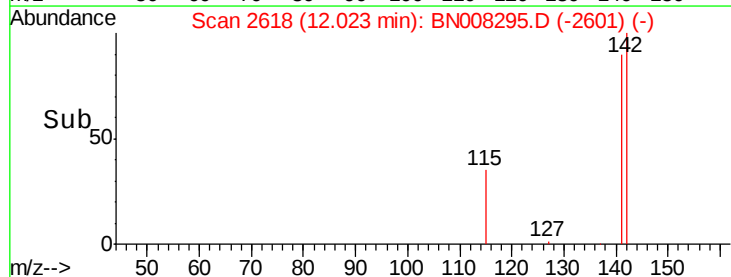
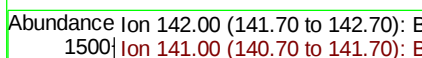
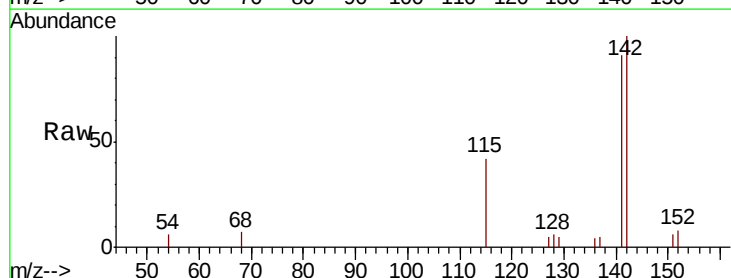
RT: 12.02 min Scan# 2618

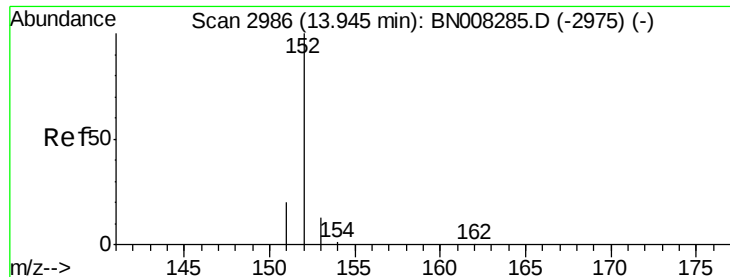
Delta R.T. -0.01 min

Lab File: BN008295.D

Acq: 21 Oct 2019 22:26

Tgt Ion:	142	Resp:	2435
Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.4	107.2





#7

Acenaphthylene

Concen: 0.466 ng/ul

RT: 13.94 min Scan# 2984

Delta R.T. -0.01 min

Lab File: BN008295.D

Acq: 21 Oct 2019 22:26

Instrument :

BNA_N

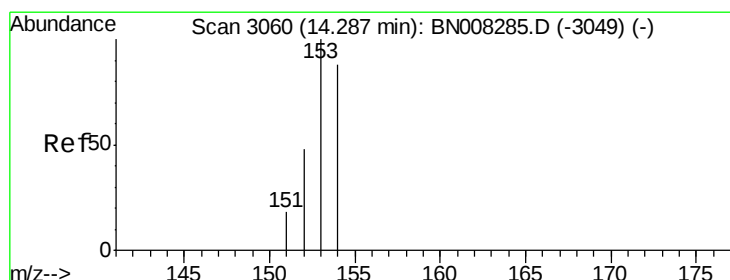
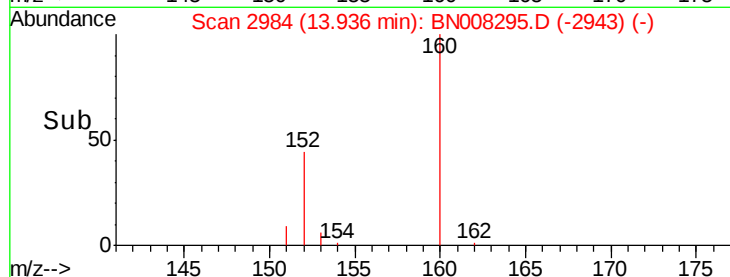
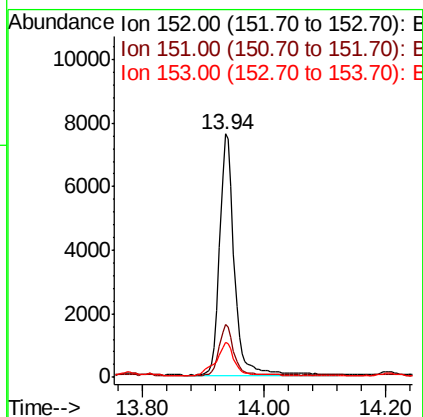
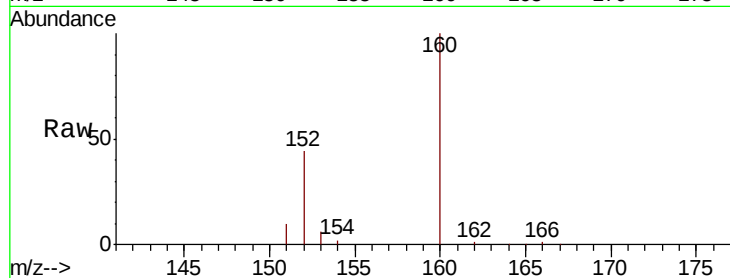
ClientSampleId :

BEPH0

Tot Ion:	152	Resp:	12835
Ion Ratio	Lower	Upper	
152	100		
151	21.9	16.2	24.4
153	14.4	11.0	16.4

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#8

Acenaphthene

Concen: 0.345 ng/ul

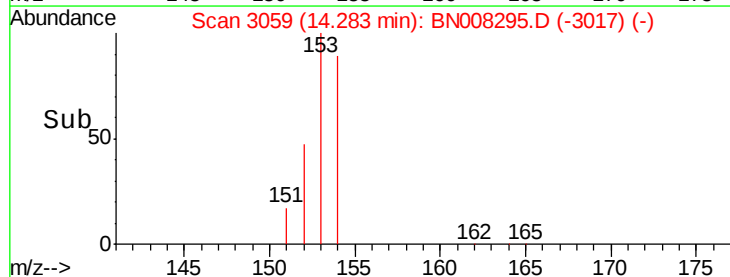
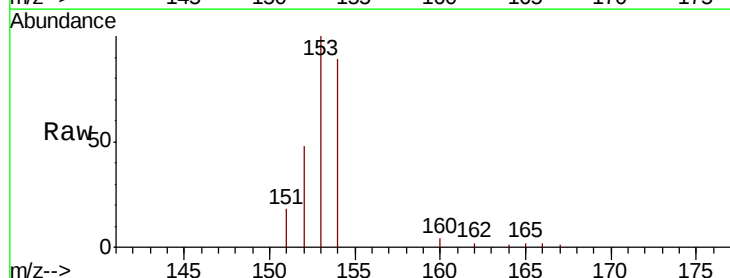
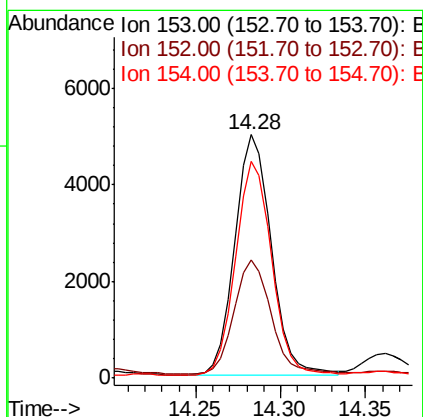
RT: 14.28 min Scan# 3059

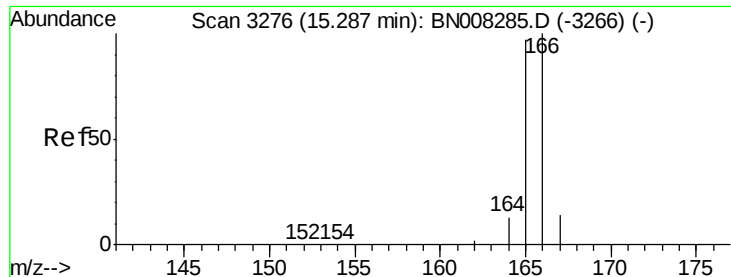
Delta R.T. -0.00 min

Lab File: BN008295.D

Acq: 21 Oct 2019 22:26

Tgt Ion:	153	Resp:	7399
Ion Ratio	Lower	Upper	
153	100		
152	48.4	38.2	57.2
154	88.8	71.8	107.8





#9

Fluorene

Concen: 0.406 ng/ul

RT: 15.28 min Scan# 3274

Delta R.T. -0.00 min

Lab File: BN008295.D

Acq: 21 Oct 2019 22:26

Instrument :

BNA_N

ClientSampleId :

BEPH0

Tot Ion:166 Resp: 9865

Ion Ratio Lower Upper

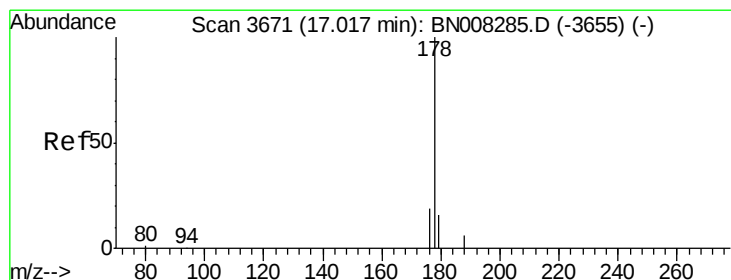
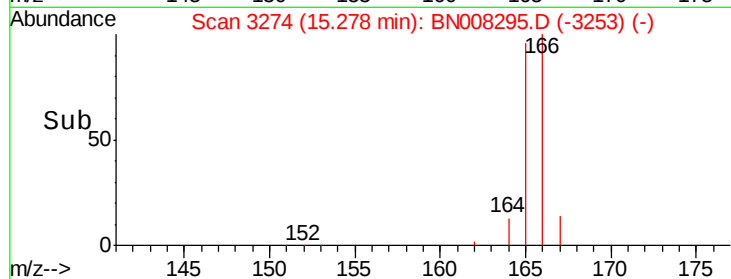
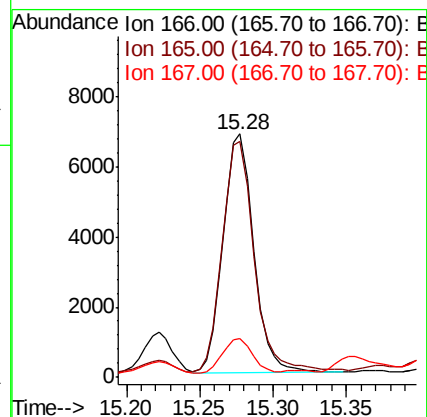
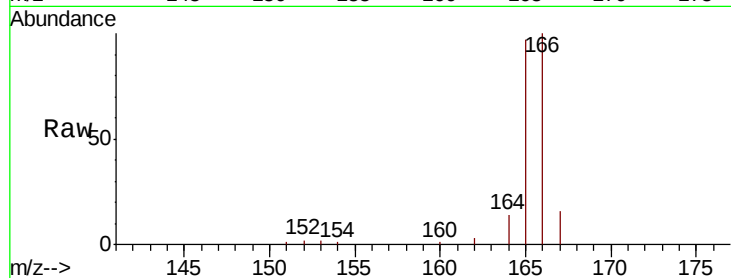
166 100

165 96.8 76.6 115.0

167 15.7 11.7 17.5

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#12

Phenanthrene

Concen: 5.561 ng/ul

RT: 17.01 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BN008295.D

Acq: 21 Oct 2019 22:26

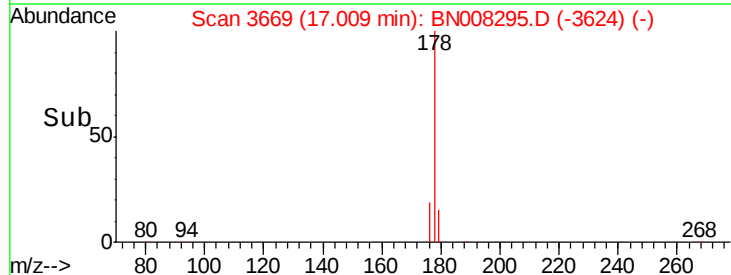
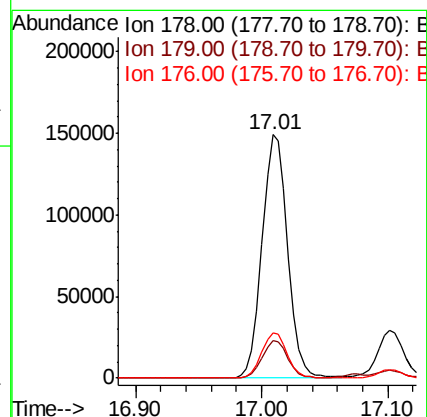
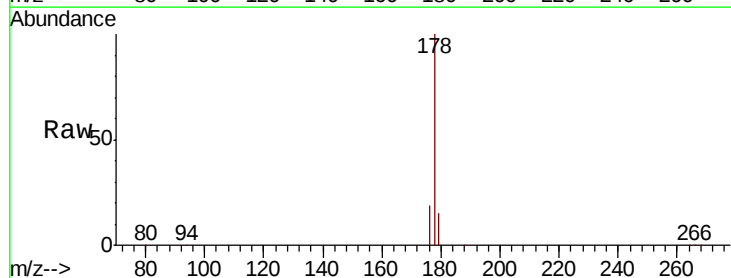
Tgt Ion:178 Resp: 209483

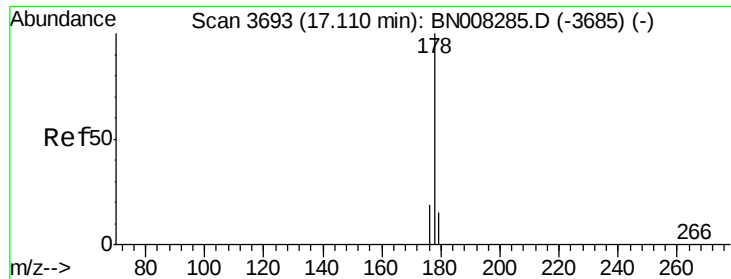
Ion Ratio Lower Upper

178 100

179 15.4 12.8 19.2

176 18.8 15.4 23.2





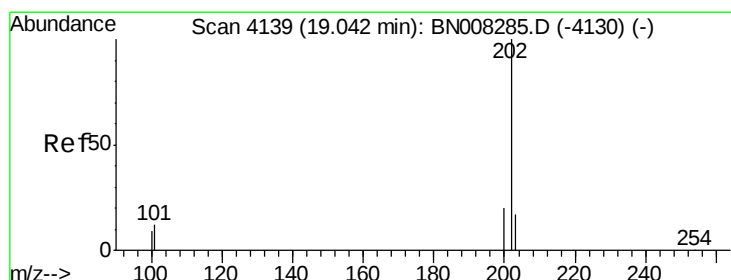
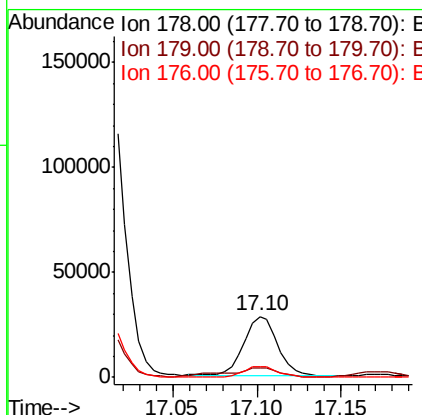
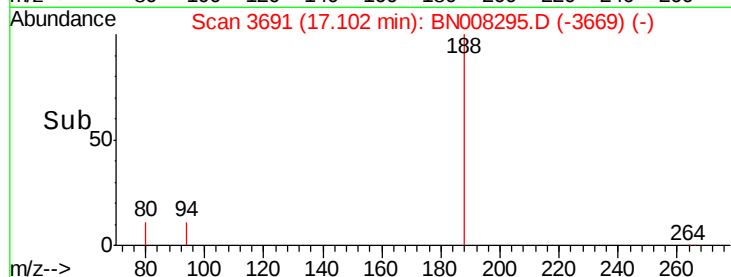
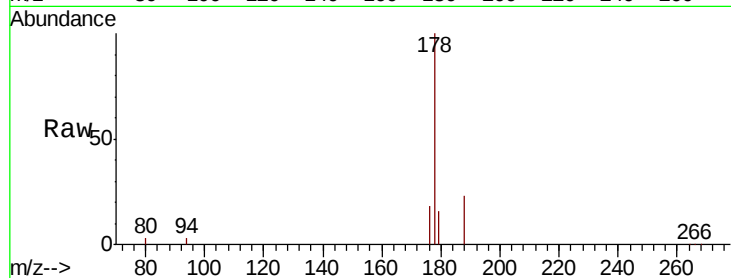
#13
 Anthracene
 Concen: 1.205 ng/ul
 RT: 17.10 min Scan# 3691
 Delta R.T. -0.01 min
 Lab File: BN008295.D
 Acq: 21 Oct 2019 22:26

Instrument :
 BNA_N
 ClientSampleId :
 BEPH0

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.0	19.6
176	18.4	15.0	22.6

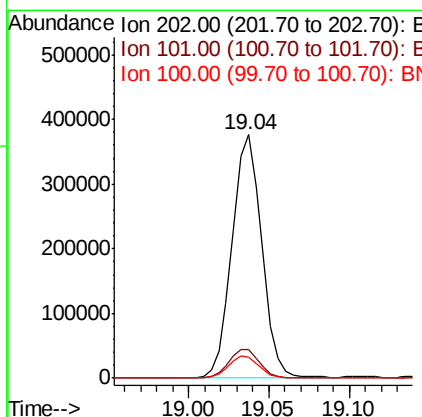
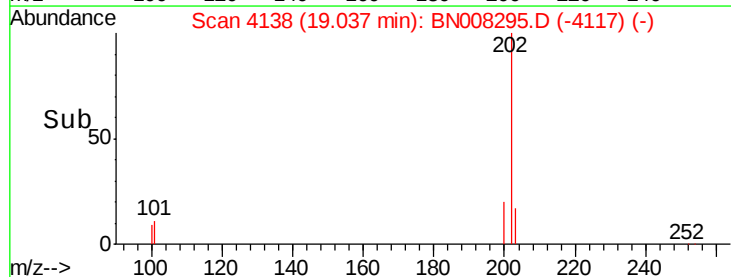
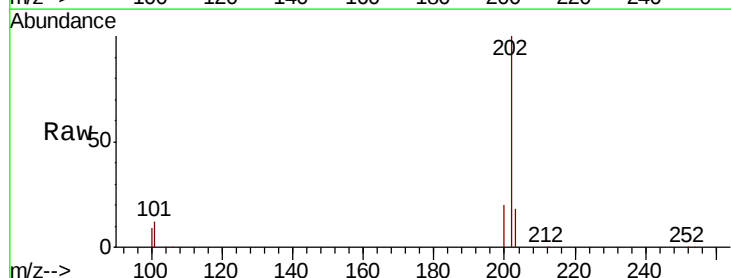
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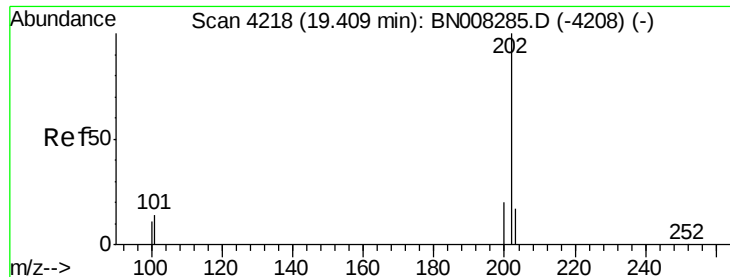
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#15
 Fluoranthene
 Concen: 9.684 ng/ul
 RT: 19.04 min Scan# 4138
 Delta R.T. -0.00 min
 Lab File: BN008295.D
 Acq: 21 Oct 2019 22:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.2
100	8.7	0.0	28.5





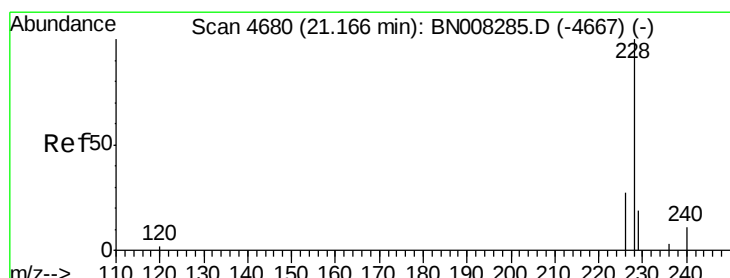
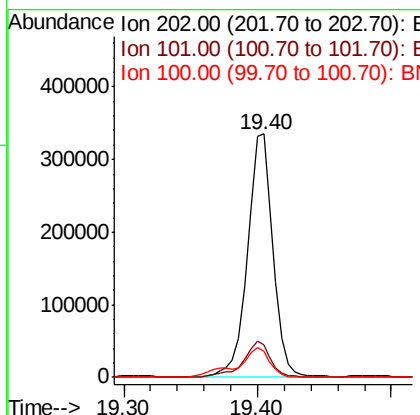
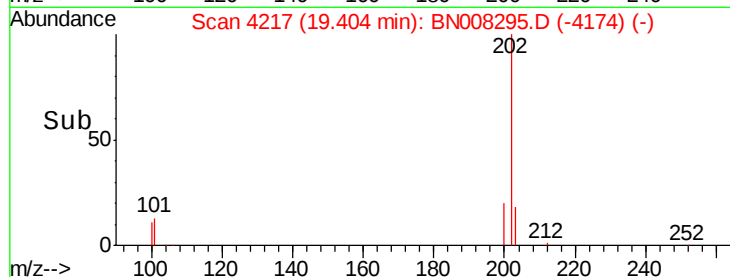
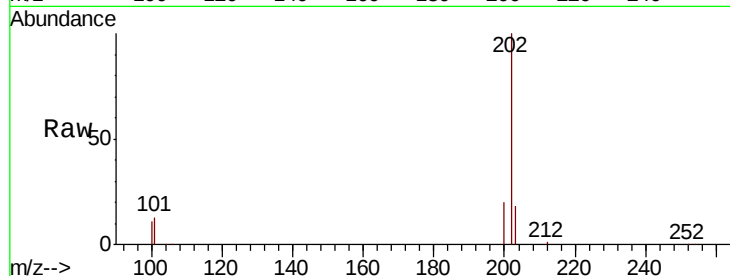
#17
Pvrene
Concen: 9.152 ng/ul
RT: 19.40 min Scan# 4217
Delta R.T. 0.00 min
Lab File: BN008295.D
Acq: 21 Oct 2019 22:26

Instrument :
BNA_N
ClientSampleId :
BEPH0

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.2	10.9	16.3
100	10.6	8.7	13.1

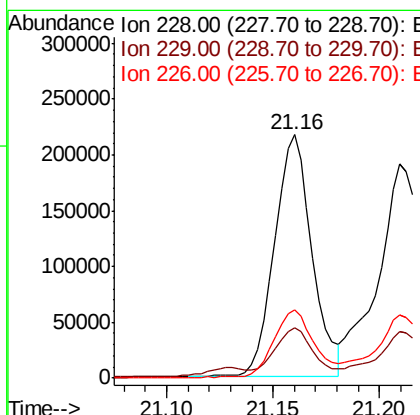
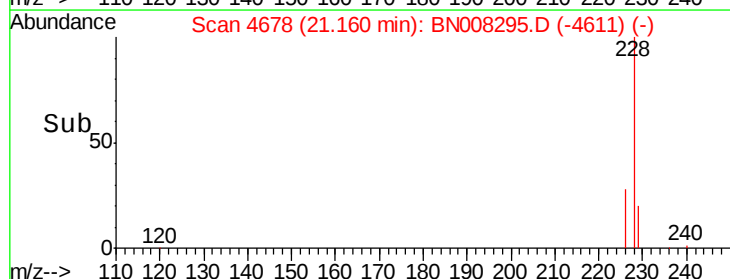
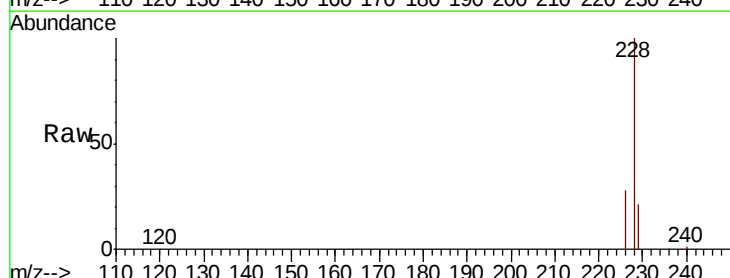
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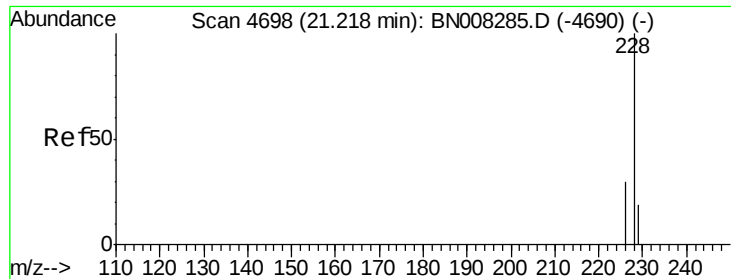
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#18
Benzo(a)anthracene
Concen: 6.005 ng/ul
RT: 21.16 min Scan# 4678
Delta R.T. -0.01 min
Lab File: BN008295.D
Acq: 21 Oct 2019 22:26

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.8	16.2	24.2
226	28.1	21.4	32.0





#19

Chrysene

Concen: 5.143 ng/ul

RT: 21.21 min Scan# 4695

Delta R.T. -0.01 min

Lab File: BN008295.D

Acq: 21 Oct 2019 22:26

Instrument :

BNA_N

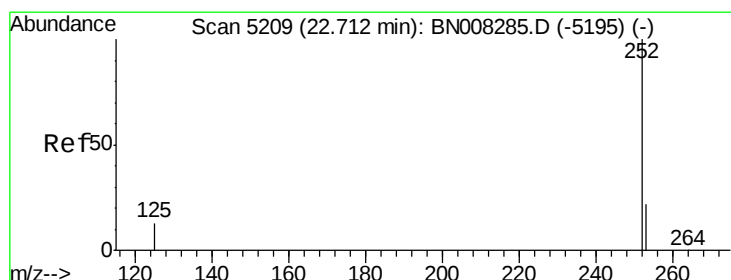
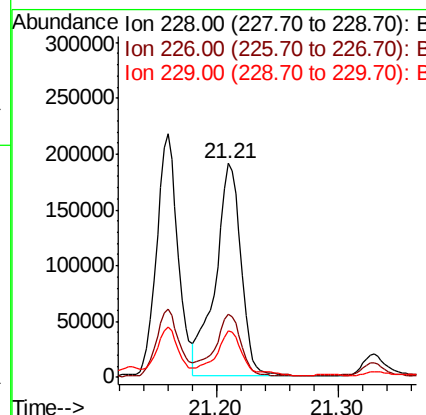
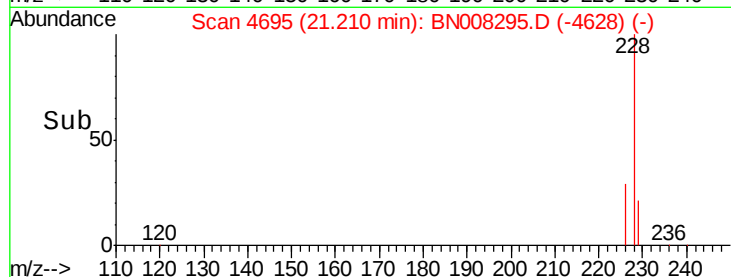
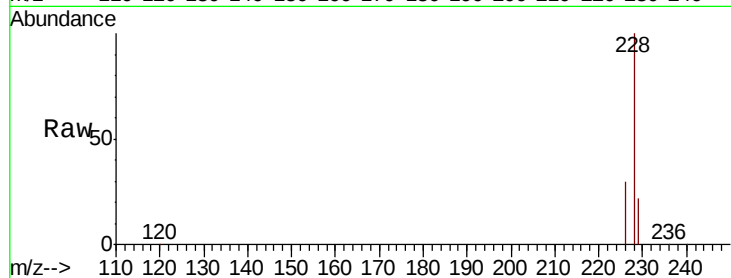
ClientSampled :

BEPH0

Tot Ion:	228	Resp:	279889
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.1	36.1
229	21.5	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 8.987 ng/ul m

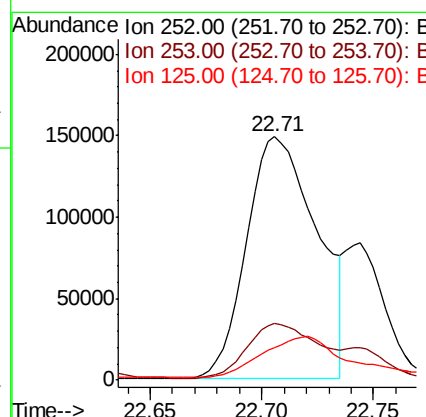
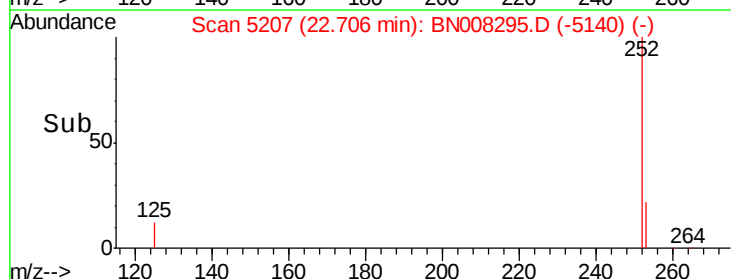
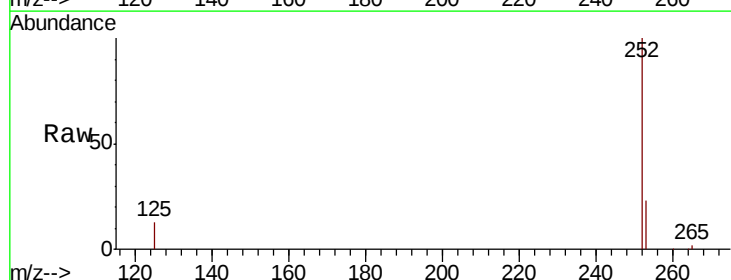
RT: 22.71 min Scan# 5207

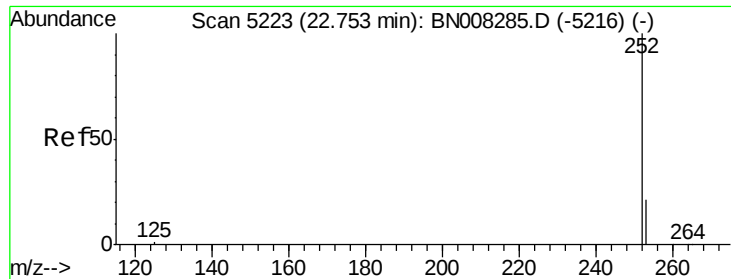
Delta R.T. -0.00 min

Lab File: BN008295.D

Acq: 21 Oct 2019 22:26

Tgt Ion:	252	Resp:	328206
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	53.4
125	13.4	0.0	32.4





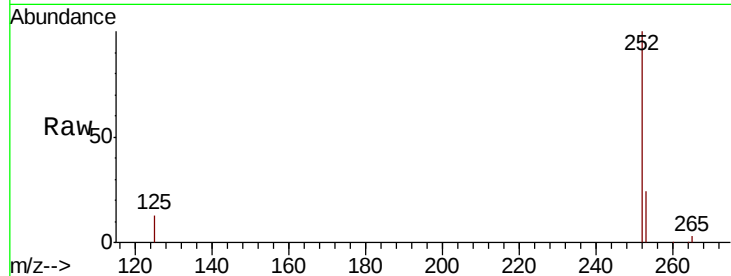
#22
Benzo(k)fluoranthene
Concen: 2.350 ng/ul m
RT: 22.74 min Scan# 5220
Delta R.T. -0.01 min
Lab File: BN008295.D
Acq: 21 Oct 2019 22:26

Instrument :
BNA_N
ClientSampleId :
BEPH0

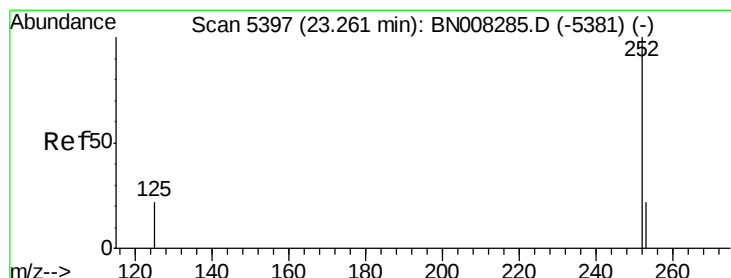
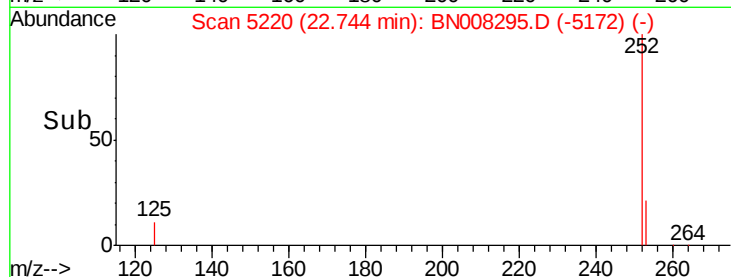
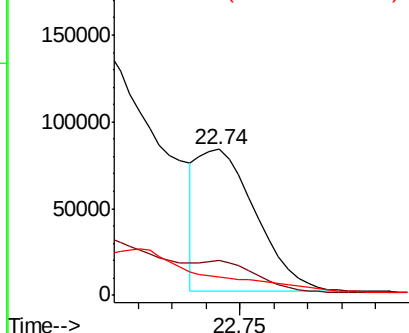
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	21.3	31.9
125	12.6	12.3	18.5

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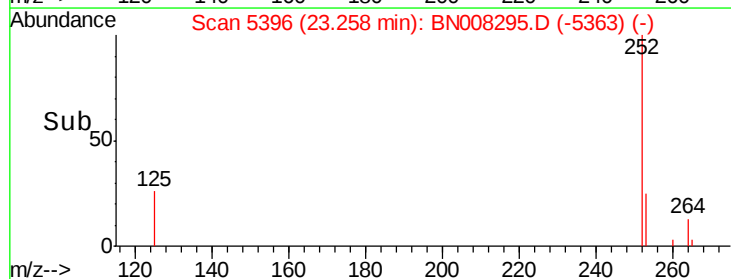
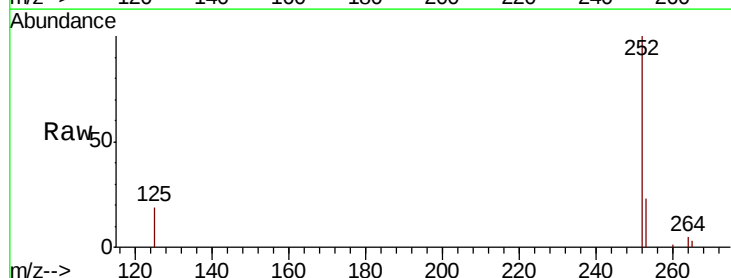
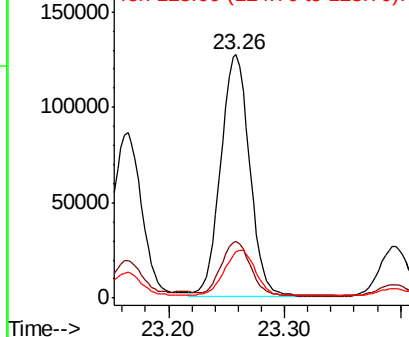
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

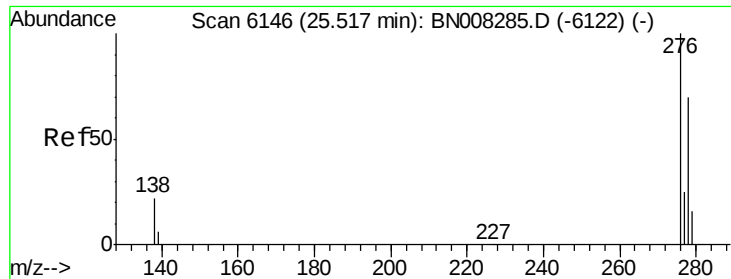


#23
Benzo(a)pyrene
Concen: 5.660 ng/ul
RT: 23.26 min Scan# 5396
Delta R.T. -0.00 min
Lab File: BN008295.D
Acq: 21 Oct 2019 22:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	22.8	34.2
125	19.0	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





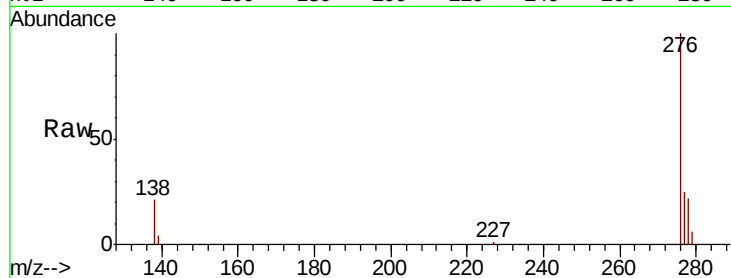
#24
Indeno(1,2,3-cd)pyrene
Concen: 2.656 ng/ul
RT: 25.50 min Scan# 6142
Delta R.T. -0.01 min
Lab File: BN008295.D
Acq: 21 Oct 2019 22:26

Instrument :
BNA_N
ClientSampleId :
BEPH0

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	20.3	16.1	24.1
227	0.2	0.2	0.2

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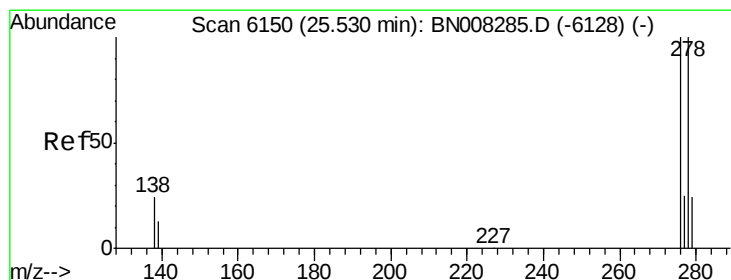
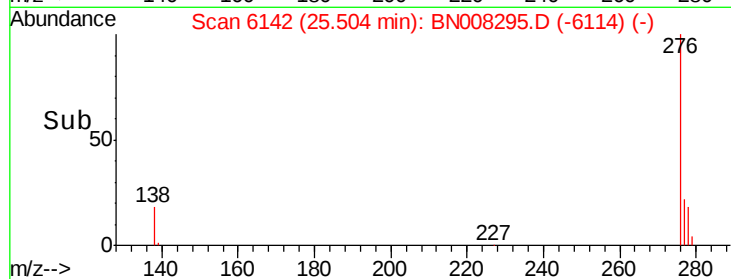
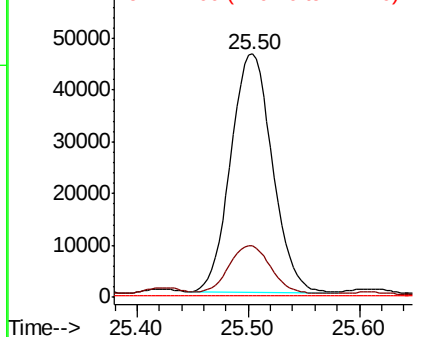


Abundance

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: 0.883 ng/ul
RT: 25.51 min Scan# 6143
Delta R.T. -0.02 min
Lab File: BN008295.D
Acq: 21 Oct 2019 22:26

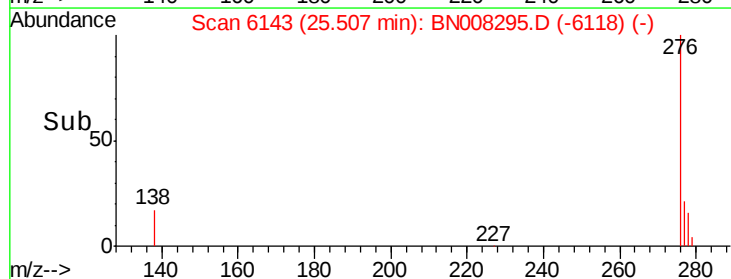
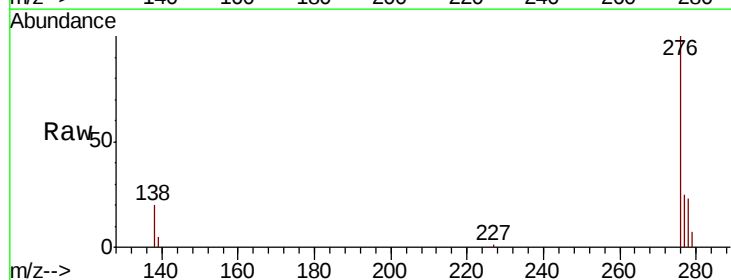
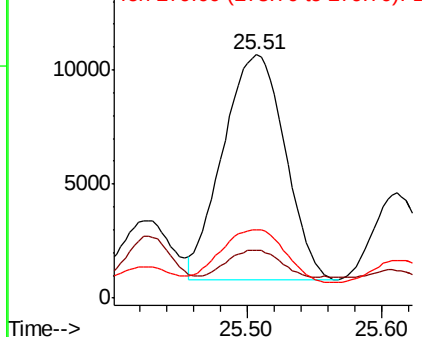
Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	19.7	15.0	22.6
279	28.3	22.4	33.6

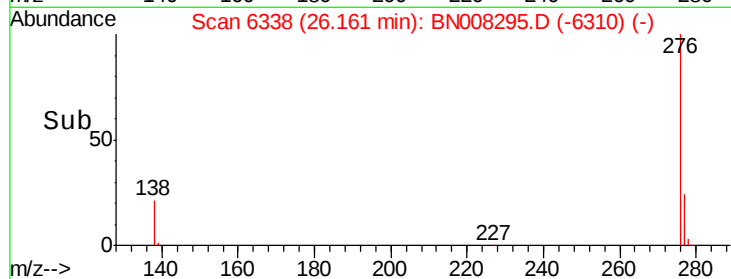
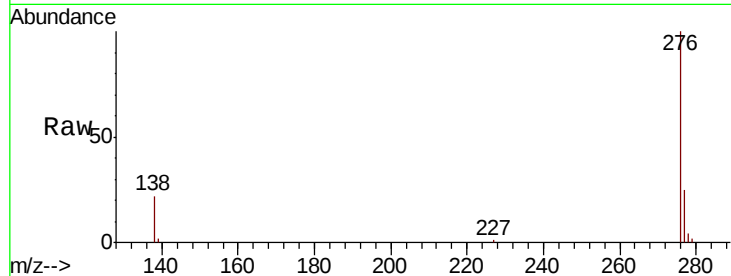
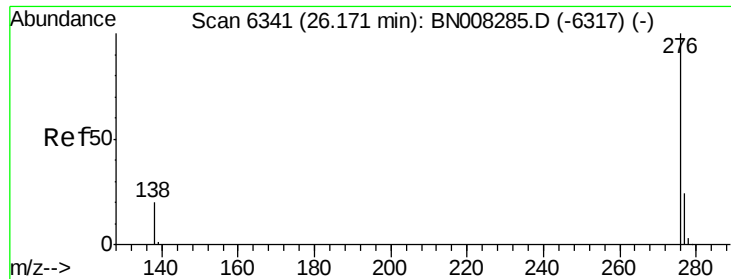
Abundance

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: 2.172 ng/ul

RT: 26.16 min Scan# 6338

Delta R.T. -0.01 min

Lab File: BN008295.D

Acq: 21 Oct 2019 22:26

Instrument :

BNA_N

ClientSampleId :

BEPH0

Tot Ion:	276	Resp:	90158
Ion Ratio	Lower	Upper	
276	100		
138	21.9	17.0	25.4
277	24.5	20.4	30.6

Manual Integrations
APPROVED

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