

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
 Data File : BN008293.D
 Acq On : 21 Oct 2019 21:14
 Operator : JU
 Sample : K5199-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPG8

Manual Integrations
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Quant Time: Oct 22 00:37:50 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	7.59	152	1854	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	8595	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5412	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	12105m	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	11561	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	9972	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	4628	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	14690	0.35	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.40	128	11476	0.469	ng/ul	100
5) 2-Methylnaphthalene	12.02	142	5915	0.352	ng/ul	99
7) Acenaphthylene	13.94	152	30681	1.190	ng/ul	99
8) Acenaphthene	14.28	153	15596	0.778	ng/ul	98
9) Fluorene	15.28	166	20107	0.883	ng/ul	98
11) Pentachlorophenol	16.63	266	115	0.039	ng/ul	93
12) Phenanthrene	17.01	178	469212	13.239	ng/ul	99
13) Anthracene	17.10	178	93569	3.000	ng/ul	99
15) Fluoranthene	19.04	202	1231570	26.311	ng/ul	99
17) Pyrene	19.40	202	1258818	27.346	ng/ul	98
18) Benzo(a)anthracene	21.16	228	750157	17.847	ng/ul	97
19) Chrysene	21.22	228	804691	15.600	ng/ul	99
21) Benzo(b)fluoranthene	22.71	252	838147m	25.819	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	288856m	7.855	ng/ul	
23) Benzo(a)pyrene	23.26	252	605381	17.722	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.51	276	332004	8.252	ng/ul	99
25) Dibenzo(a,h)anthracene	25.51	278	91049	2.863	ng/ul	98
26) Benzo(g,h,i)perylene	26.17	276	285404	7.736	ng/ul	99

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

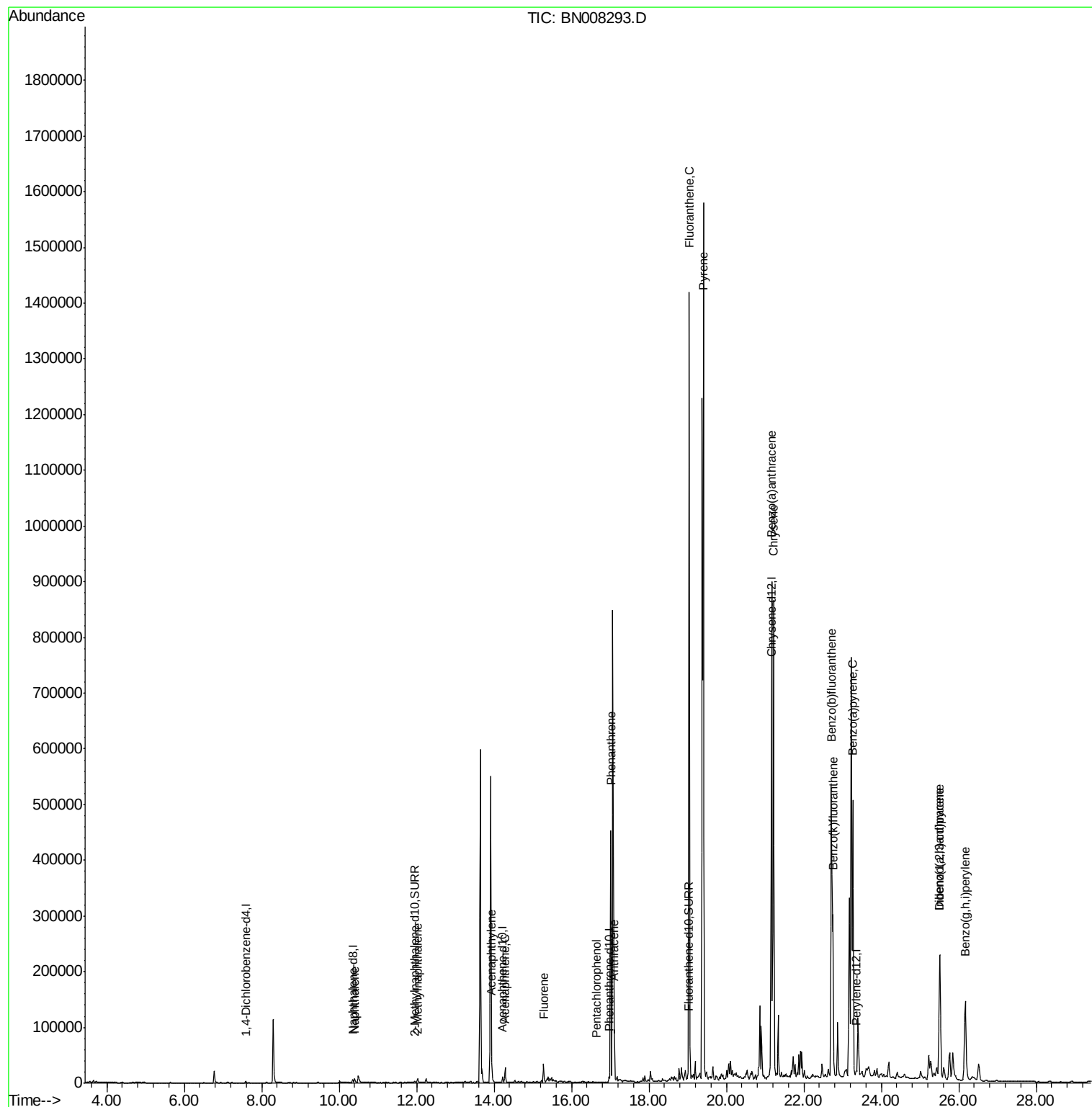
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
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ALS Vial : 21 Sample Multiplier: 1

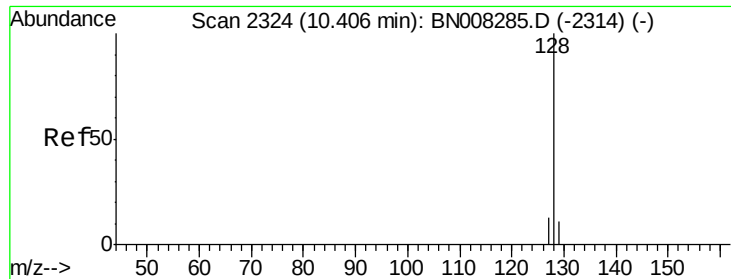
Instrument :
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#3

Naphthalene

Concen: 0.469 ng/ul

RT: 10.40 min Scan# 2323

Delta R.T. 0.00 min

Lab File: BN008293.D

Acq: 21 Oct 2019 21:14

Instrument :

BNA_N

ClientSampleId :

BEPG8

Tot Ion:128 Resp: 11476

Ion Ratio Lower Upper

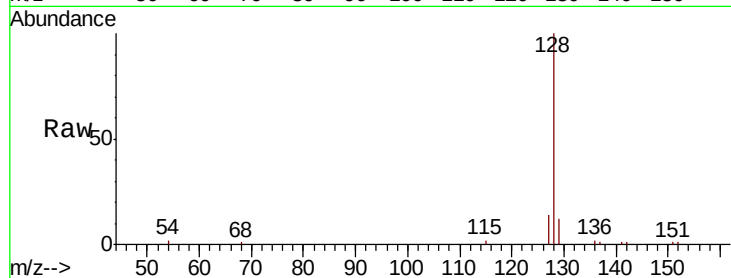
128 100

129 12.1 9.8 14.8

127 13.7 11.1 16.7

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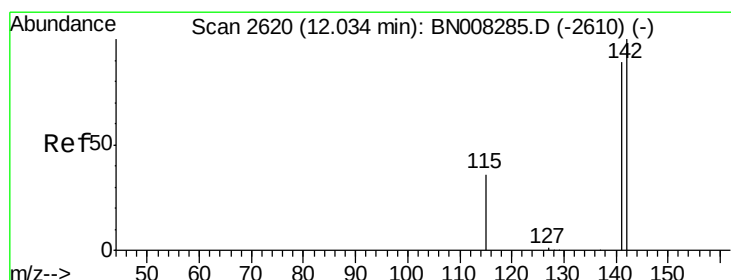
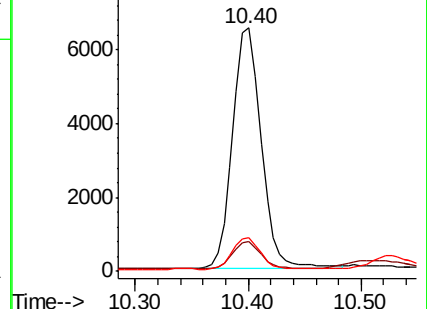
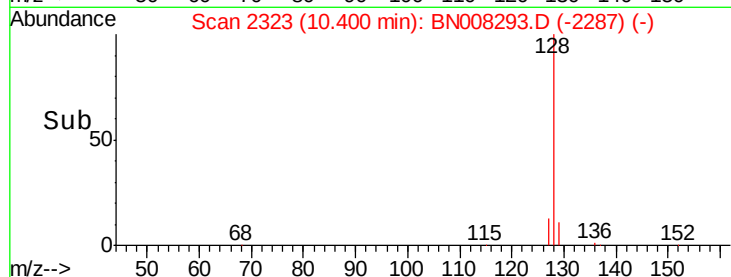
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.352 ng/ul

RT: 12.02 min Scan# 2618

Delta R.T. -0.01 min

Lab File: BN008293.D

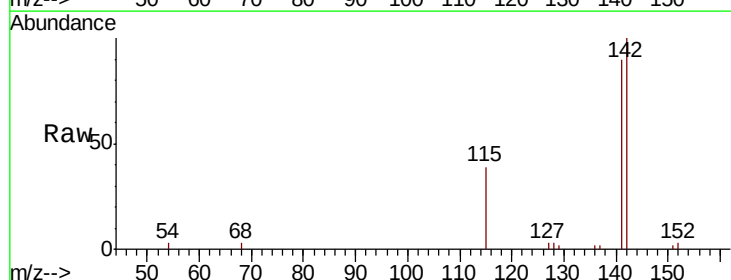
Acq: 21 Oct 2019 21:14

Tgt Ion:142 Resp: 5915

Ion Ratio Lower Upper

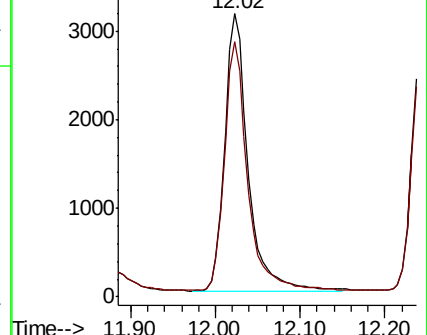
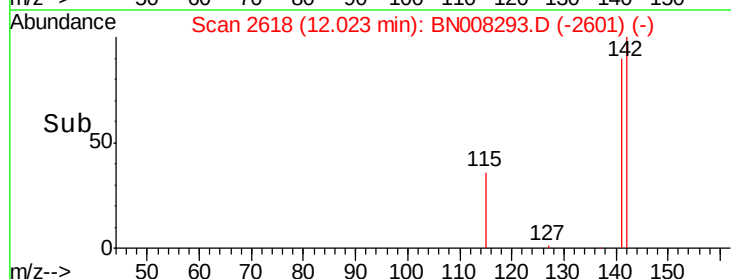
142 100

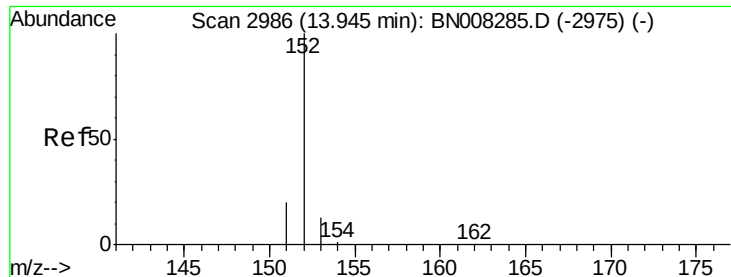
141 88.7 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.190 ng/ul

RT: 13.94 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BN008293.D

Acq: 21 Oct 2019 21:14

Instrument :

BNA_N

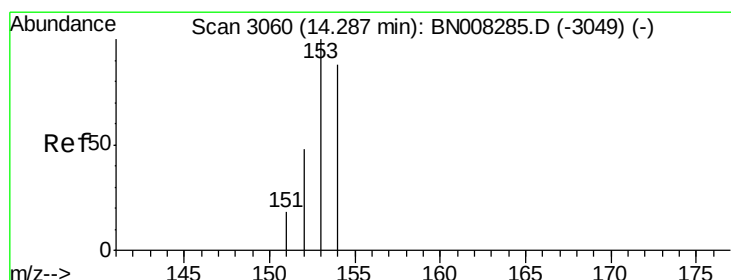
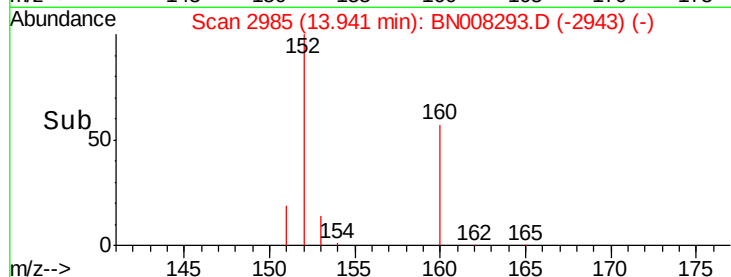
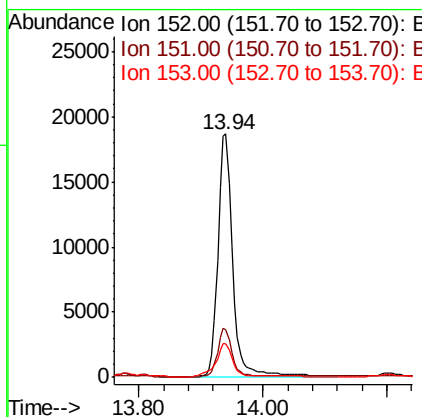
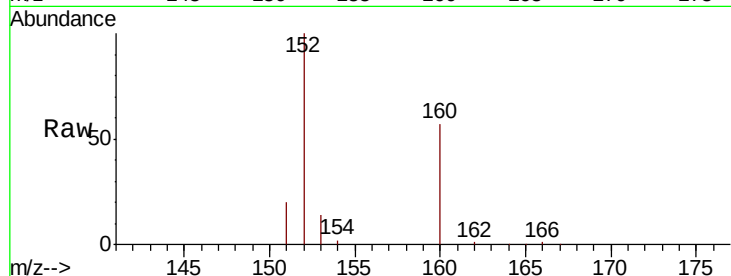
ClientSampled :

BEPG8

Tot Ion:	152	Resp:	30681
Ion Ratio	Lower	Upper	
152	100		
151	19.6	16.2	24.4
153	14.0	11.0	16.4

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#8

Acenaphthene

Concen: 0.778 ng/ul

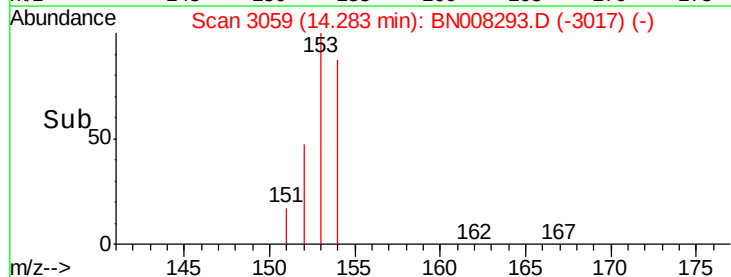
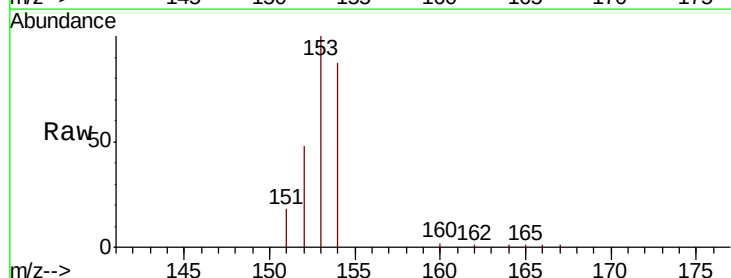
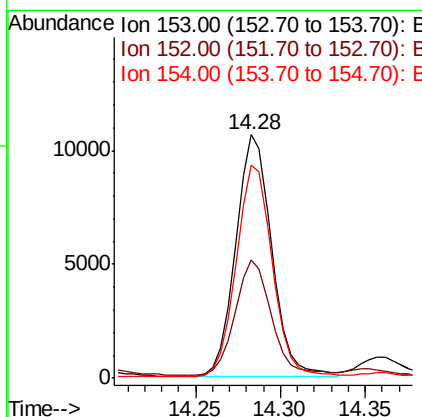
RT: 14.28 min Scan# 3059

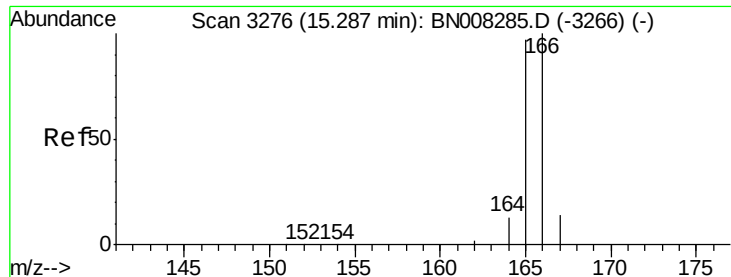
Delta R.T. -0.00 min

Lab File: BN008293.D

Acq: 21 Oct 2019 21:14

Tgt Ion:	153	Resp:	15596
Ion Ratio	Lower	Upper	
153	100		
152	48.3	38.2	57.2
154	87.4	71.8	107.8





#9

Fluorene

Concen: 0.883 ng/ul

RT: 15.28 min Scan# 3274

Delta R.T. -0.00 min

Lab File: BN008293.D

Acq: 21 Oct 2019 21:14

Instrument :

BNA_N

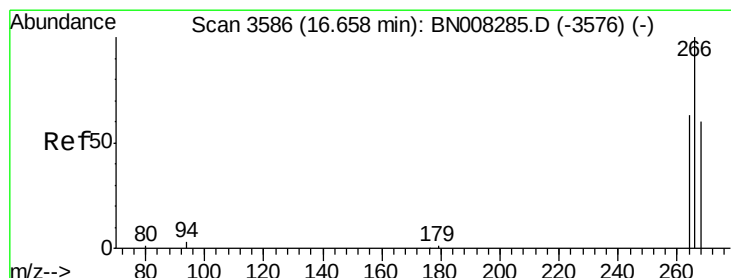
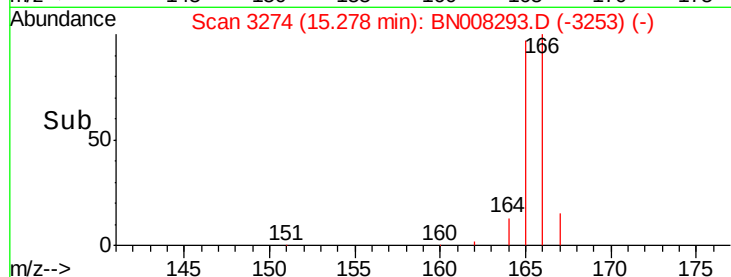
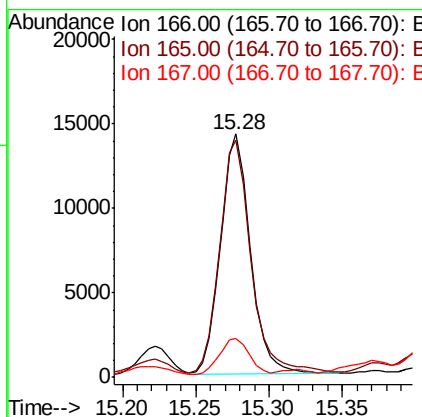
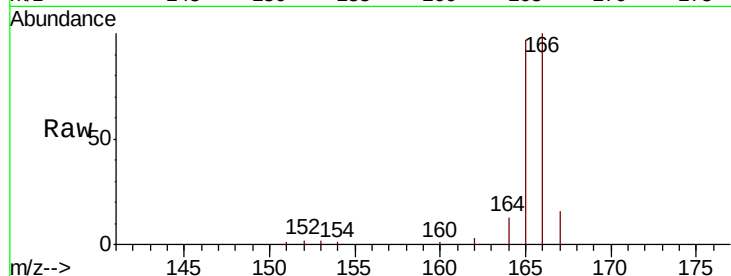
ClientSampleId :

BEPG8

Tot Ion:	166	Resp:	20107
Ion Ratio	Lower	Upper	
166	100		
165	97.5	76.6	115.0
167	16.2	11.7	17.5

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#11

Pentachlorophenol

Concen: 0.039 ng/ul

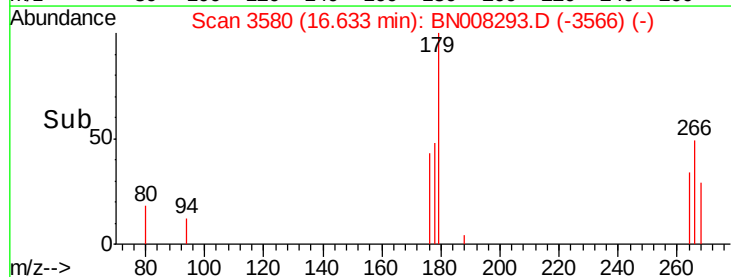
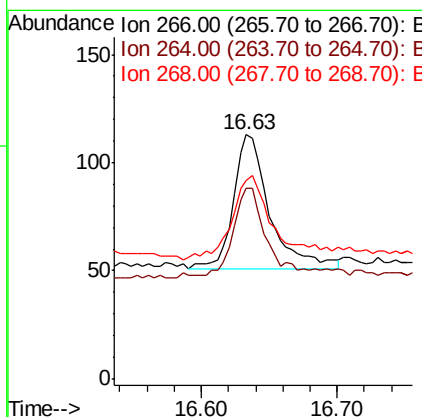
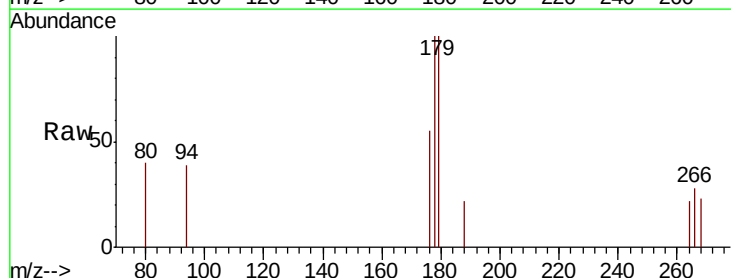
RT: 16.63 min Scan# 3580

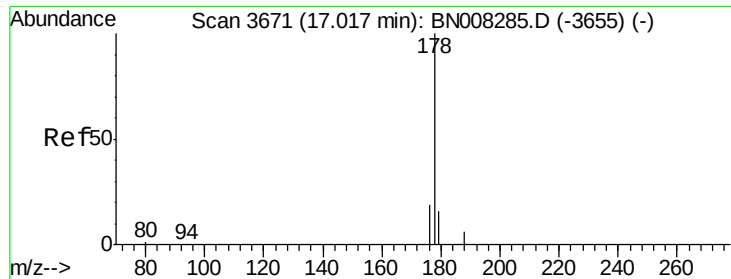
Delta R.T. -0.04 min

Lab File: BN008293.D

Acq: 21 Oct 2019 21:14

Tgt Ion:	266	Resp:	115
Ion Ratio	Lower	Upper	
266	100		
264	60.0	50.1	75.1
268	73.0	51.9	77.9





#12

Phenanthrene

Concen: 13.239 ng/ul

RT: 17.01 min Scan# 3670

Delta R.T. -0.00 min

Lab File: BN008293.D

Acq: 21 Oct 2019 21:14

Instrument :

BNA_N

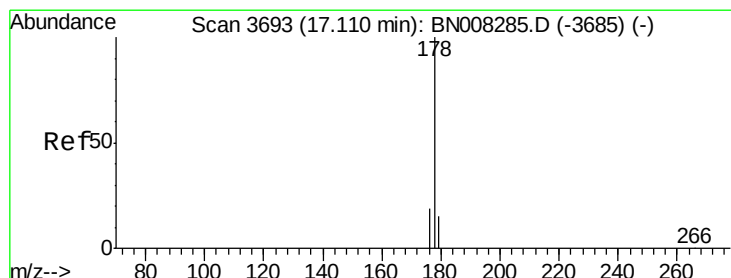
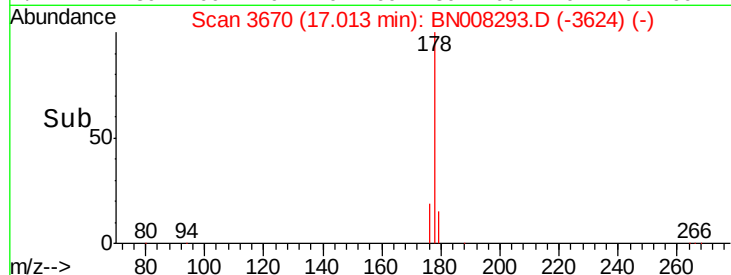
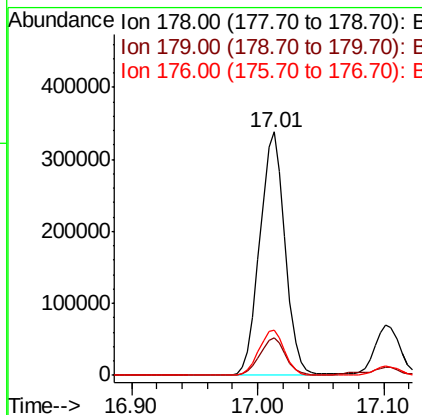
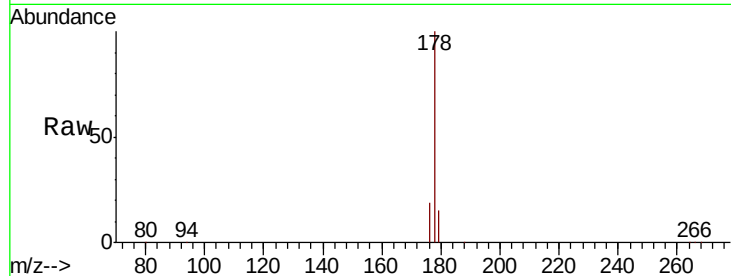
ClientSampleId :

BEPG8

Tot Ion:	178	Resp:	469212
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.8	19.2
176	18.6	15.4	23.2

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#13

Anthracene

Concen: 3.000 ng/ul

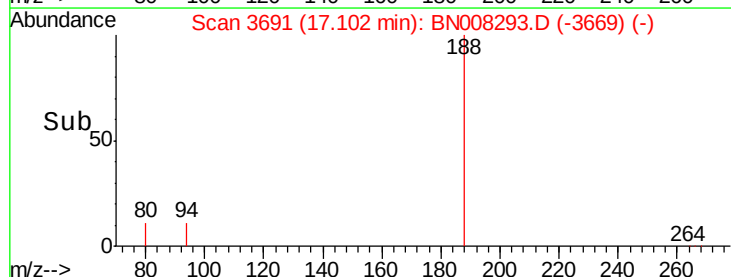
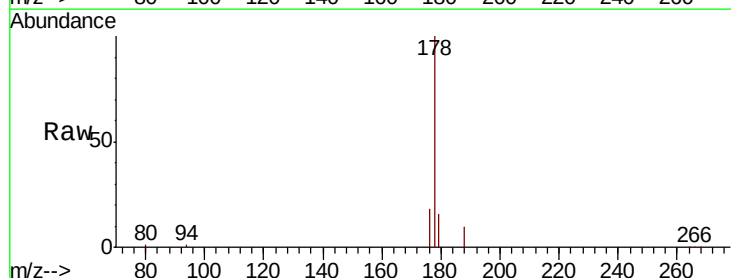
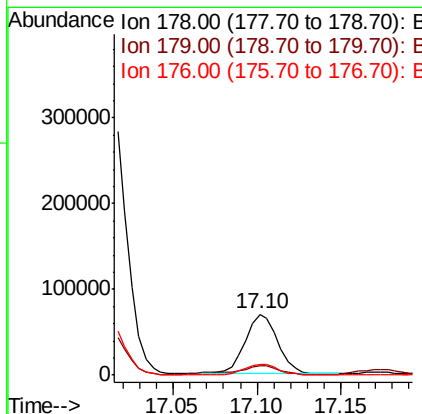
RT: 17.10 min Scan# 3691

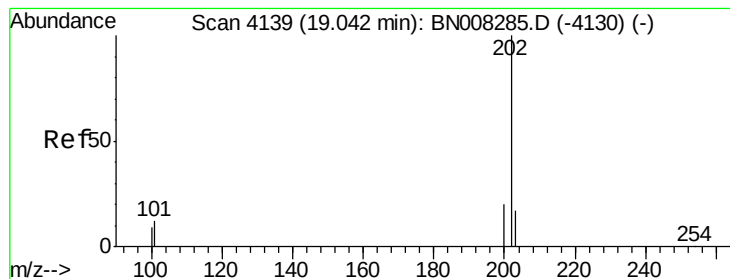
Delta R.T. -0.01 min

Lab File: BN008293.D

Acq: 21 Oct 2019 21:14

Tgt Ion:	178	Resp:	93569
Ion Ratio	Lower	Upper	
178	100		
179	15.8	13.0	19.6
176	18.5	15.0	22.6





#15

Fluoranthene

Concen: 26.311 ng/ul

RT: 19.04 min Scan# 4139

Delta R.T. 0.00 min

Lab File: BN008293.D

Acq: 21 Oct 2019 21:14

Instrument :

BNA_N

ClientSampleId :

BEPG8

Tot Ion:202 Resp: 1231570

Ion Ratio Lower Upper

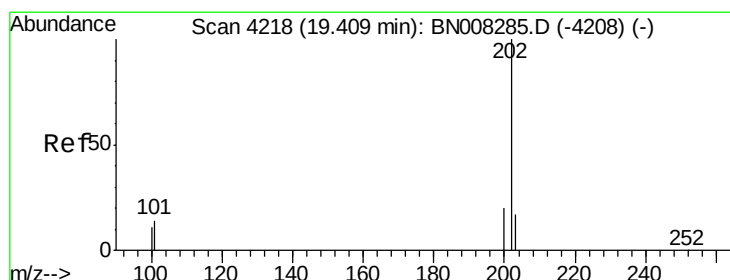
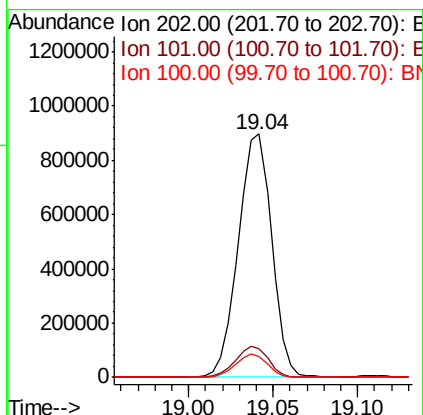
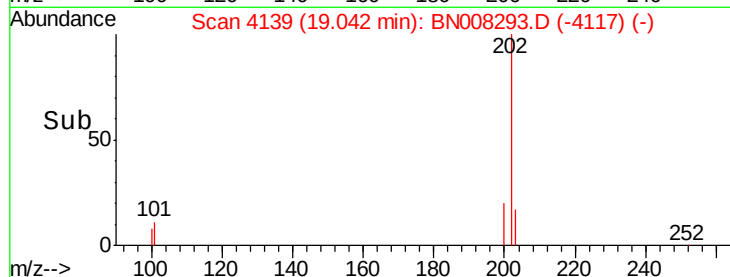
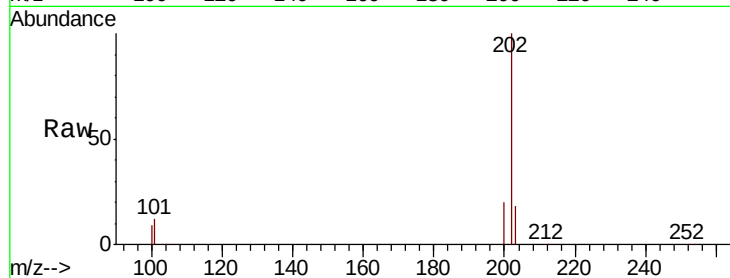
202 100

101 11.6 0.0 31.2

100 8.5 0.0 28.5

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#17

Pyrene

Concen: 27.346 ng/ul

RT: 19.40 min Scan# 4217

Delta R.T. 0.00 min

Lab File: BN008293.D

Acq: 21 Oct 2019 21:14

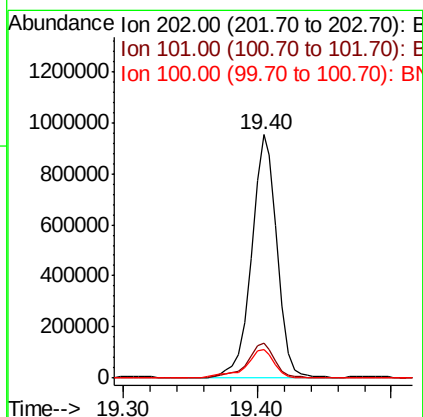
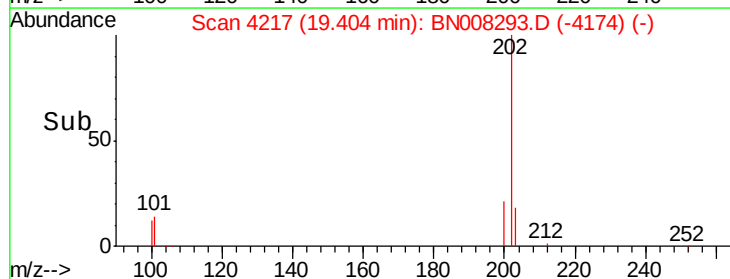
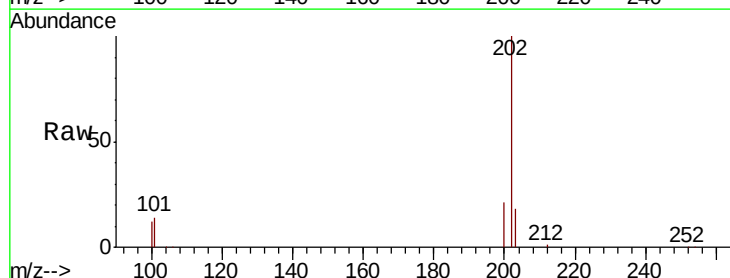
Tgt Ion:202 Resp: 1258818

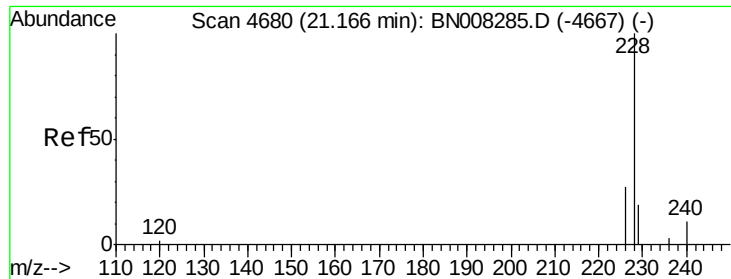
Ion Ratio Lower Upper

202 100

101 14.4 10.9 16.3

100 11.7 8.7 13.1





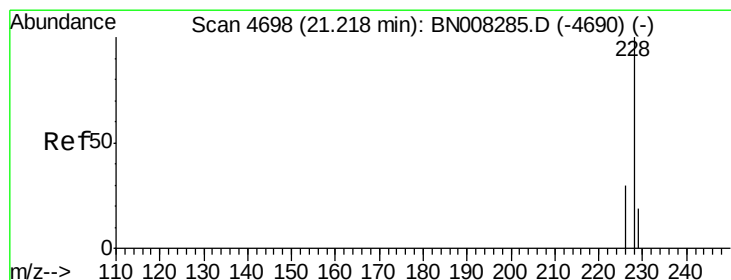
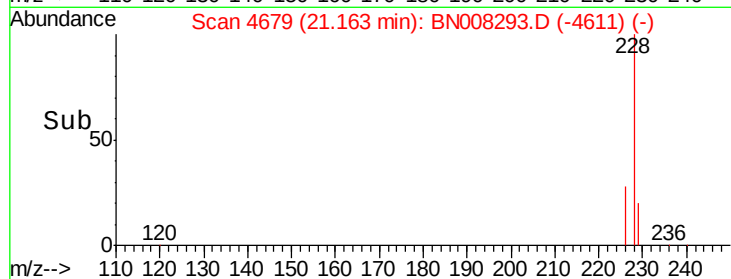
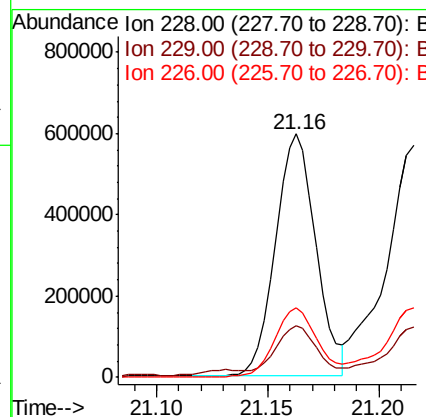
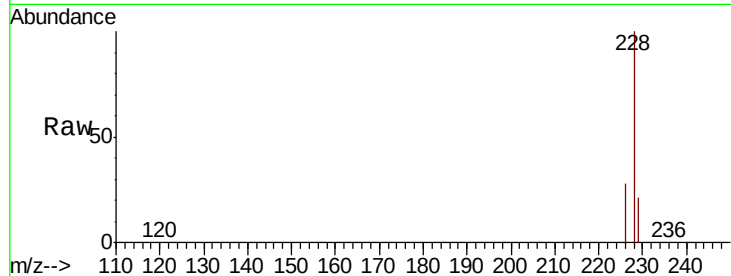
#18
Benzo(a)anthracene
Concen: 17.847 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.00 min
Lab File: BN008293.D
Acq: 21 Oct 2019 21:14

Instrument :
BNA_N
ClientSampleId :
BEPG8

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.2	24.2
226	28.4	21.4	32.0

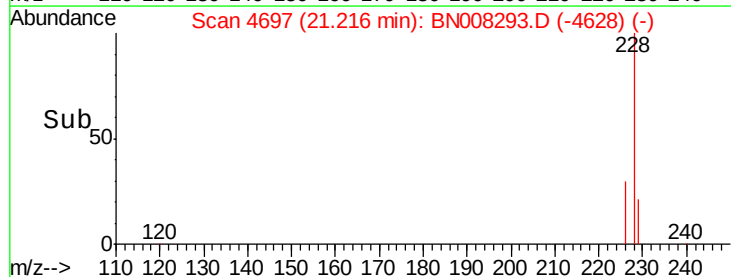
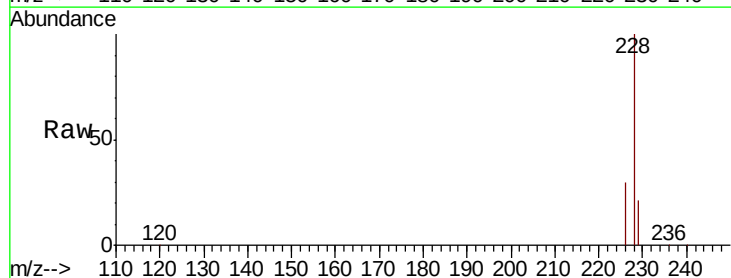
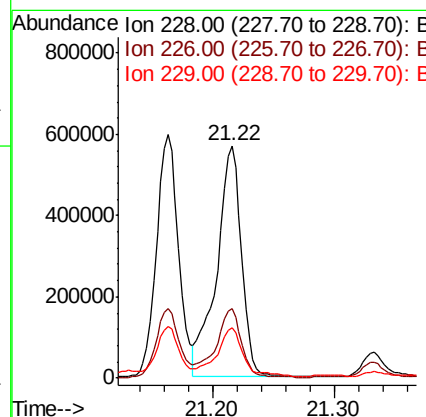
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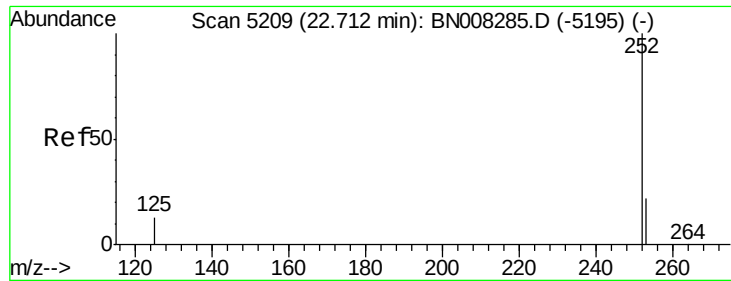
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#19
Chrysene
Concen: 15.600 ng/ul
RT: 21.22 min Scan# 4697
Delta R.T. 0.00 min
Lab File: BN008293.D
Acq: 21 Oct 2019 21:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	21.4	16.2	24.2





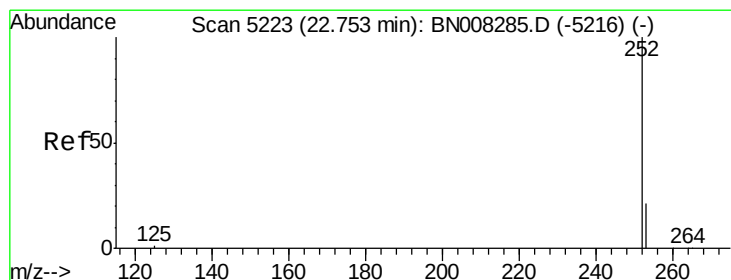
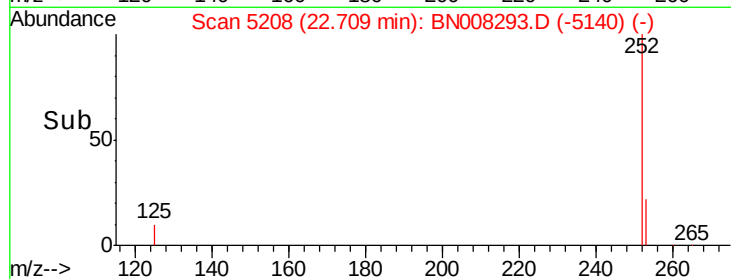
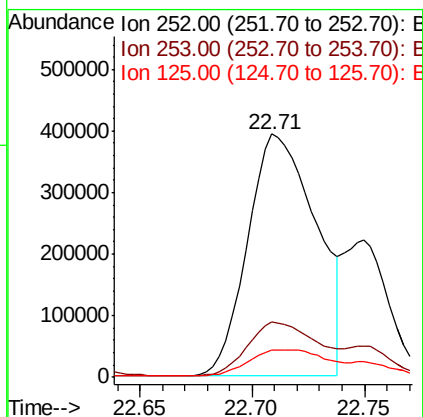
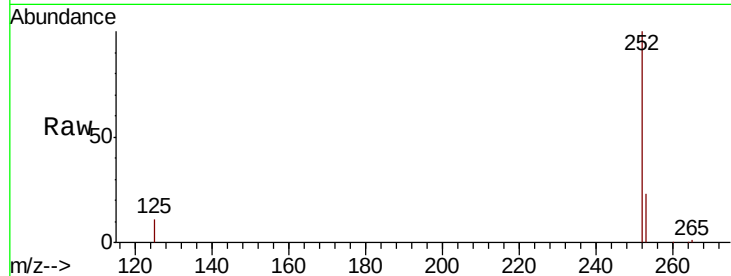
#21
Benzo(b)fluoranthene
Concen: 25.819 ng/ul m
RT: 22.71 min Scan# 5208
Delta R.T. 0.00 min
Lab File: BN008293.D
Acq: 21 Oct 2019 21:14

Instrument :
BNA_N
ClientSampled :
BEPG8

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	53.4
125	11.0	0.0	32.4

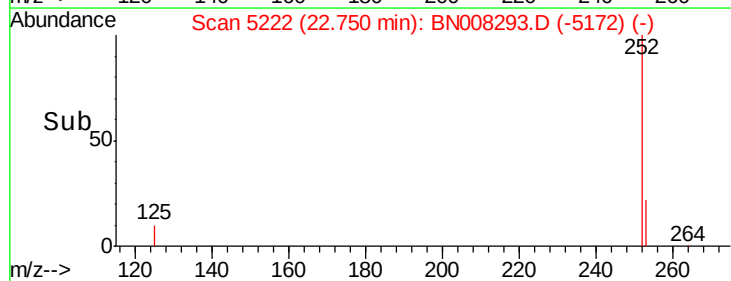
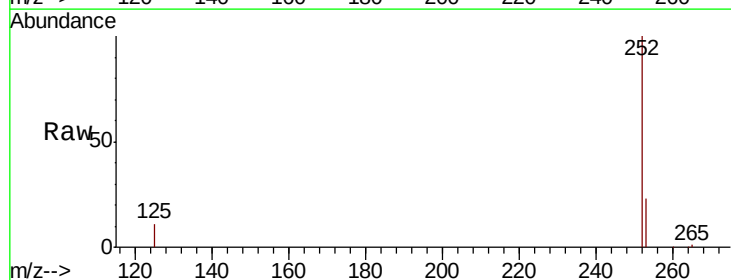
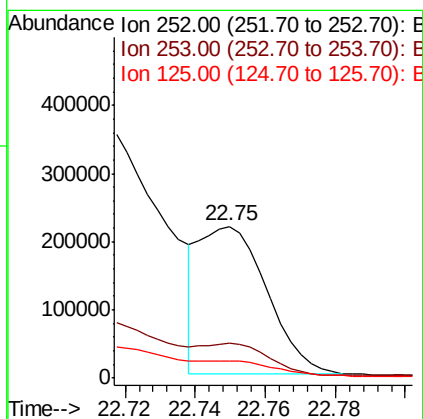
Manual Integrations
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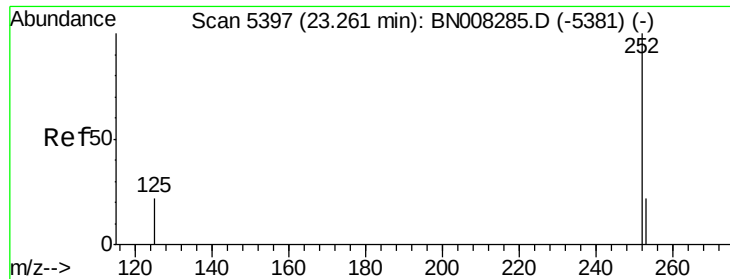
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#22
Benzo(k)fluoranthene
Concen: 7.855 ng/ul m
RT: 22.75 min Scan# 5222
Delta R.T. -0.00 min
Lab File: BN008293.D
Acq: 21 Oct 2019 21:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	21.3	31.9
125	11.2	12.3	18.5#





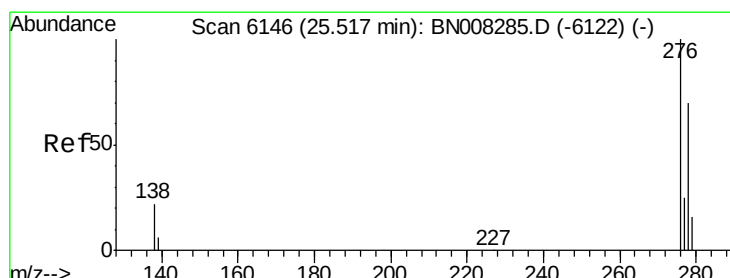
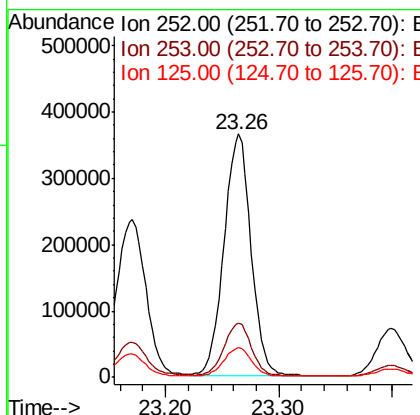
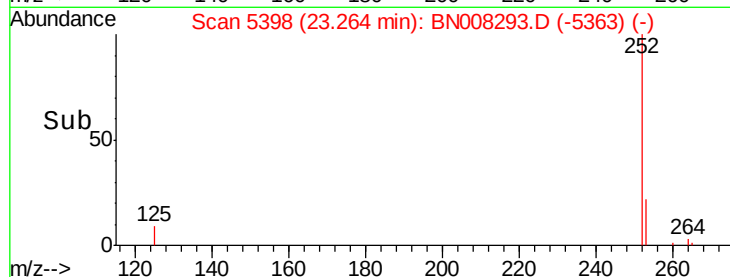
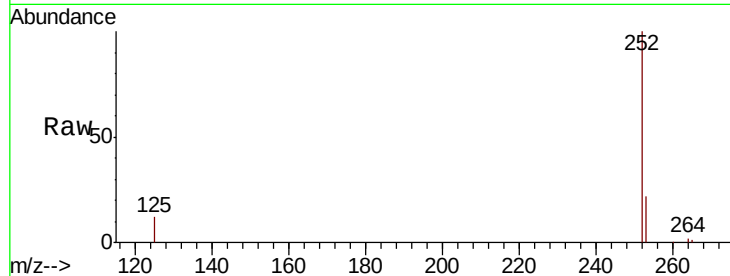
#23
Benzo(a)pyrene
Concen: 17.722 ng/ul
RT: 23.26 min Scan# 5398
Delta R.T. 0.00 min
Lab File: BN008293.D
Acq: 21 Oct 2019 21:14

Instrument :
BNA_N
ClientSampled :
BEPG8

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	22.8	34.2#
125	12.3	18.4	27.6#

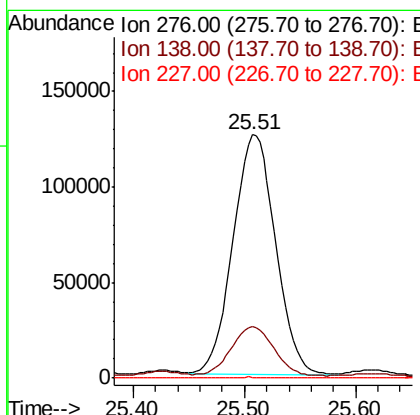
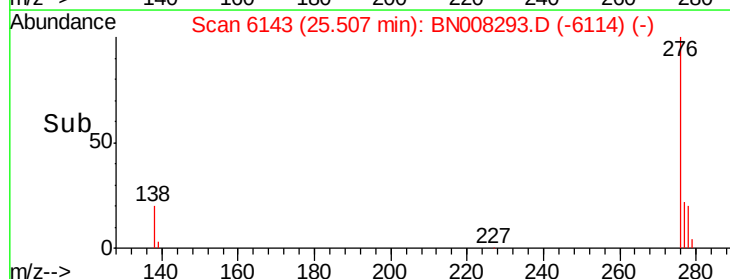
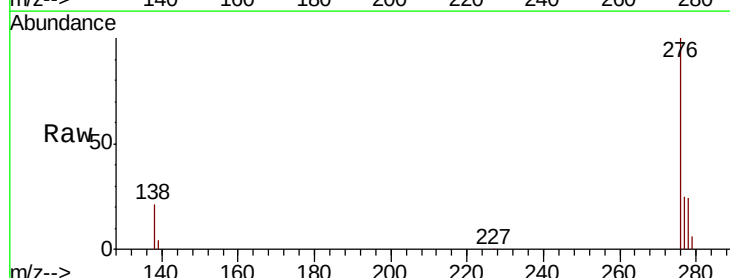
Manual Integrations
APPROVED

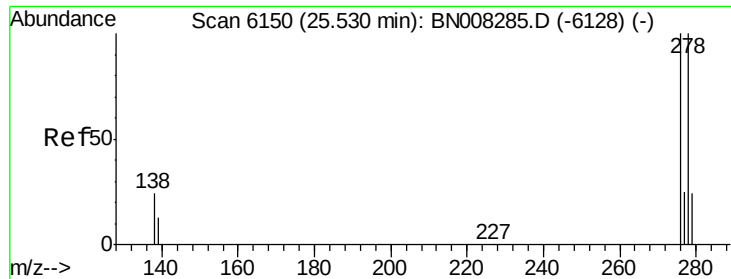
mohammad
10/22/2019 3:27:51 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 8.252 ng/ul
RT: 25.51 min Scan# 6143
Delta R.T. -0.00 min
Lab File: BN008293.D
Acq: 21 Oct 2019 21:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.7	16.1	24.1
227	0.2	0.2	0.2





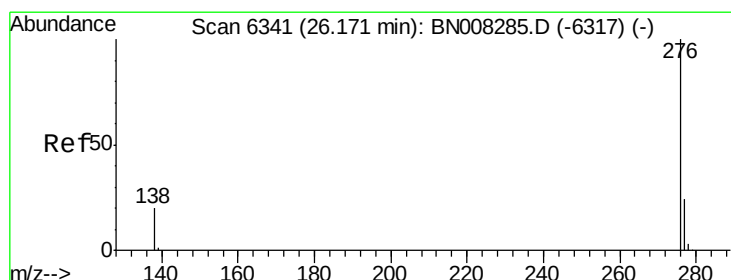
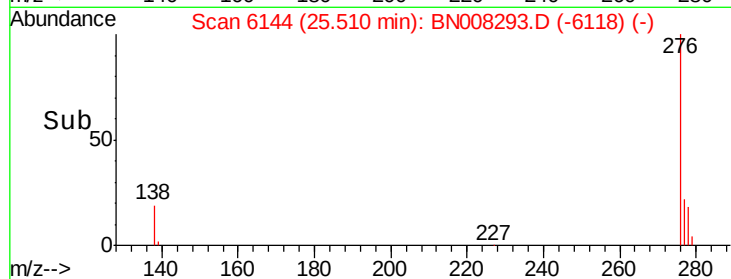
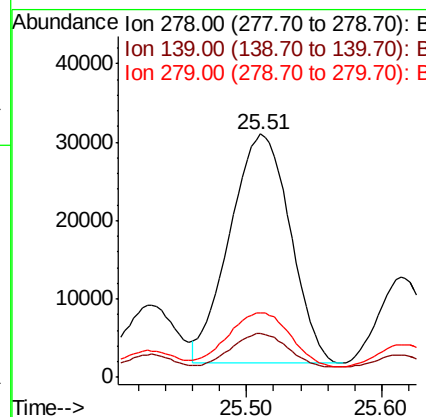
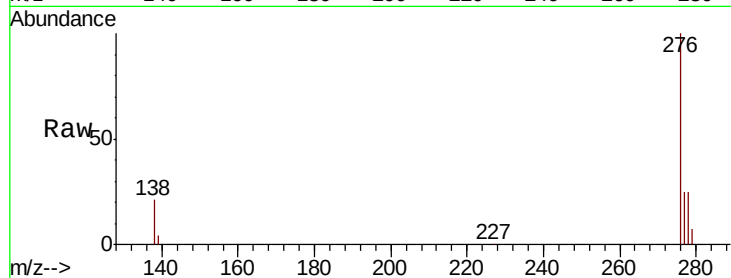
#25
Dibenzo(a,h)anthracene
Concen: 2.863 ng/ul
RT: 25.51 min Scan# 6144
Delta R.T. -0.01 min
Lab File: BN008293.D
Acq: 21 Oct 2019 21:14

Instrument :
BNA_N
ClientSampleId :
BEPG8

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.0	22.6
279	26.6	22.4	33.6

Manual Integrations
APPROVED

mohammad
10/22/2019 3:27:51 PM



#26
Benzo(g,h,i)perylene
Concen: 7.736 ng/ul
RT: 26.17 min Scan# 6340
Delta R.T. 0.00 min
Lab File: BN008293.D
Acq: 21 Oct 2019 21:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	17.0	25.4
277	24.4	20.4	30.6

