

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002498.D
 Acq On : 24 Aug 2018 12:23
 Operator : JU/SJ
 Sample : J4424-14DL 10X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z60DL

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:38:29 PM

Quant Time: Aug 24 13:55:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 02:20:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	1332	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.45	136	5413	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	3190	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	7630	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	8880	0.40	ng/ul	0.00
20) Perylene-d12	23.48	264	9452	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	221	0.03	ng/ul	0.01
14) Fluoranthene-d10	19.09	212	611	0.03	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.50	128	488	0.035	ng/ul#	68
7) Acenaphthylene	14.02	152	2388	0.160	ng/ul	99
8) Acenaphthene	14.37	153	263	0.023	ng/ul#	90
9) Fluorene	15.36	166	851	0.065	ng/ul#	91
12) Phenanthrene	17.09	178	14369	0.637	ng/ul#	89
13) Anthracene	17.19	178	2181	0.112	ng/ul	97
15) Fluoranthene	19.12	202	23133	0.872	ng/ul	97
17) Pyrene	19.48	202	21416	0.707	ng/ul	96
18) Benzo(a)anthracene	21.24	228	9638	0.363	ng/ul#	84
19) Chrysene	21.29	228	11768	0.392	ng/ul	97
21) Benzo(b)fluoranthene	22.82	252	17309m	0.510	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	5898m	0.168	ng/ul	
23) Benzo(a)pyrene	23.38	252	11405	0.357	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.70	276	7890	0.237	ng/ul#	79
25) Dibenzo(a,h)anthracene	25.71	278	1925	0.073	ng/ul#	89
26) Benzo(a,h,i)perylene	26.37	276	7383	0.259	ng/ul	98

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

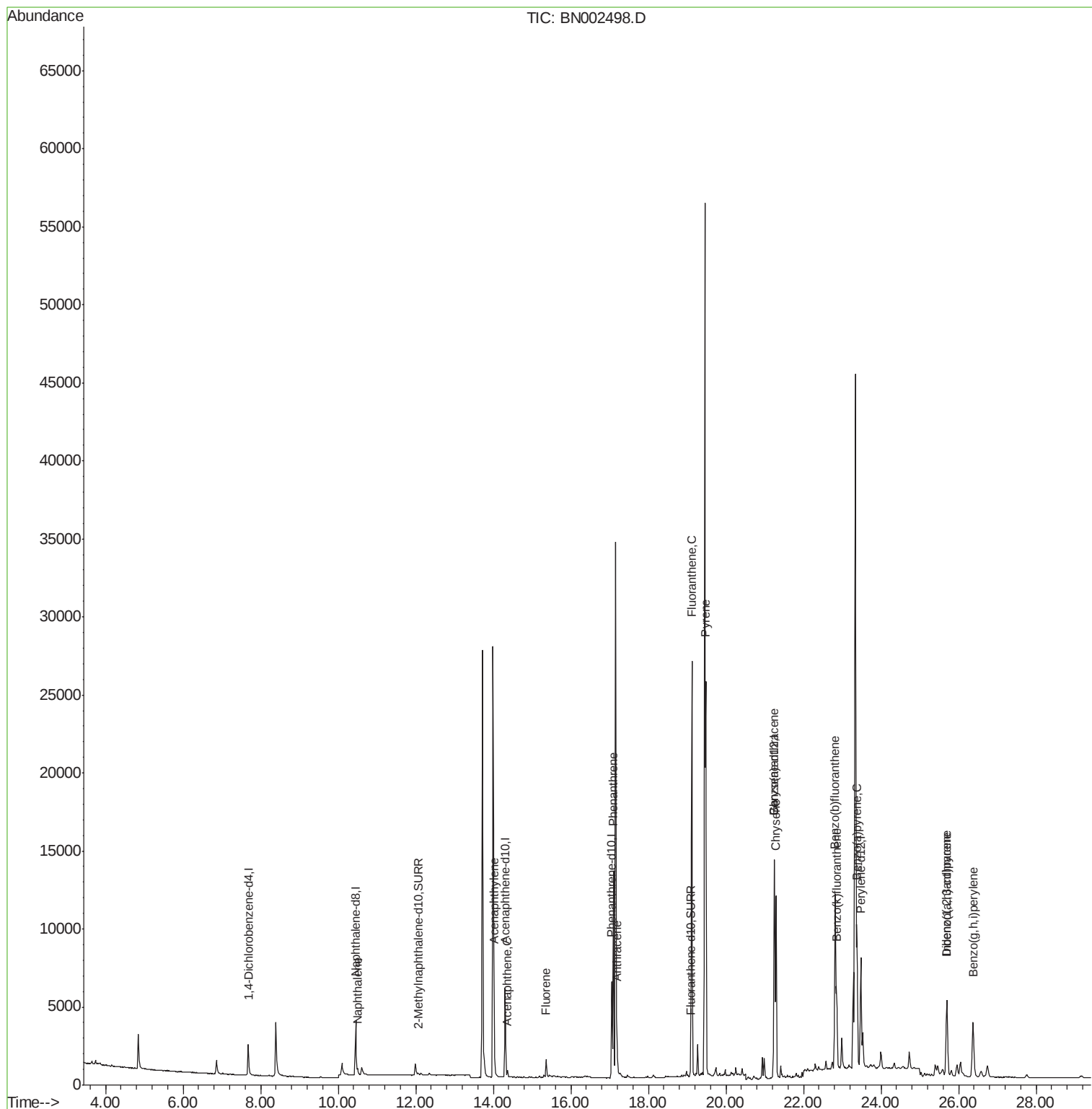
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
Data File : BN002498.D
Acq On : 24 Aug 2018 12:23
Operator : JU/SJ
Sample : J4424-14DL 10X
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ALS Vial : 33 Sample Multiplier: 1

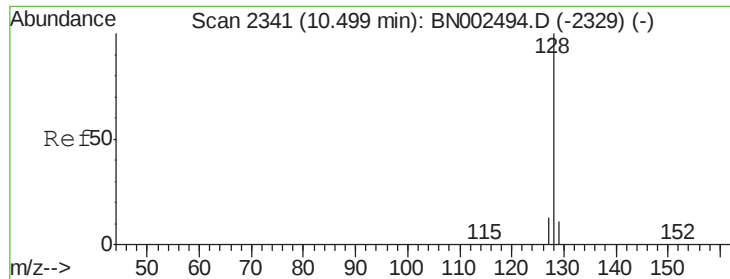
Instrument :
BNA_N
ClientSampleId :
A3Z60DL

Manual Integrations
APPROVED

Sohil
8/24/2018 5:38:29 PM

Quant Time: Aug 24 13:55:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 24 02:20:09 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.035 ng/ul

RT: 10.50 min Scan# 2341

Delta R.T. -0.01 min

Lab File: BN002498.D

Acq: 24 Aug 2018 12:23

Instrument :

BNA_N

ClientSampleId :

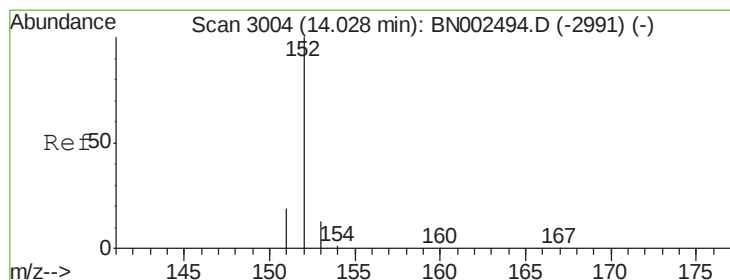
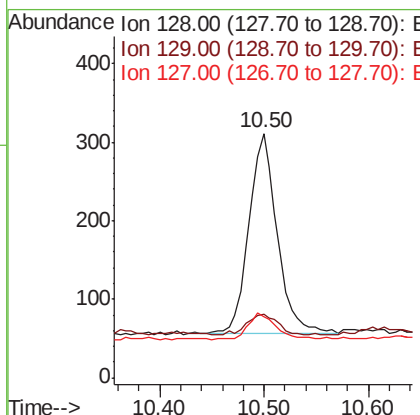
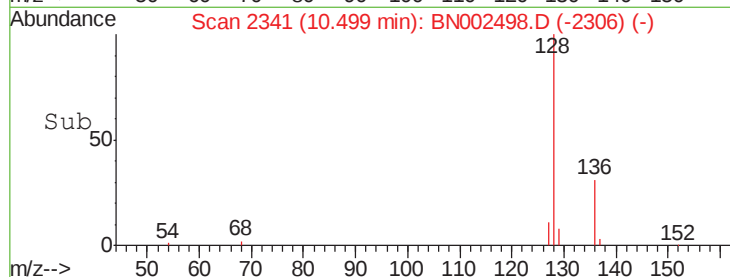
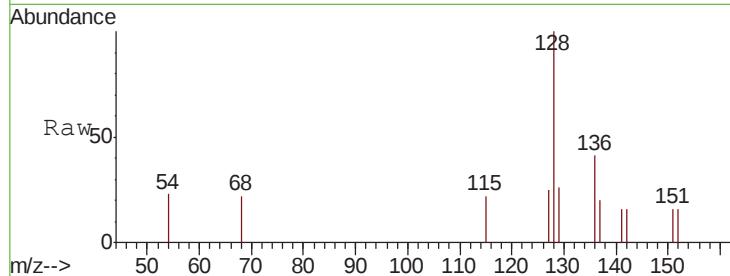
A3Z60DL

Tot Ion:128 Resp: 488

Ion	Ratio	Lower	Upper
128	100		
129	26.0	8.0	12.0#
127	25.1	12.0	18.0#

Manual Integrations
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#7

Acenaphthylene

Concen: 0.160 ng/ul

RT: 14.02 min Scan# 3003

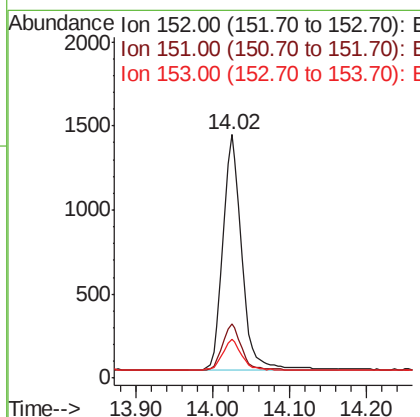
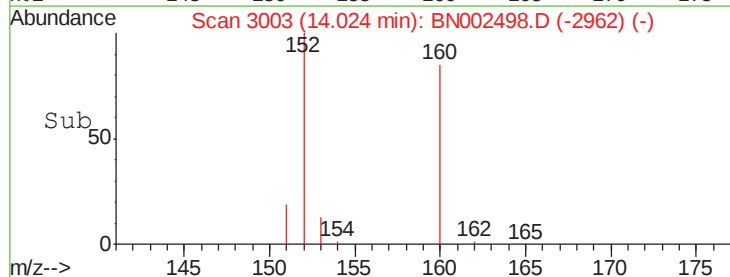
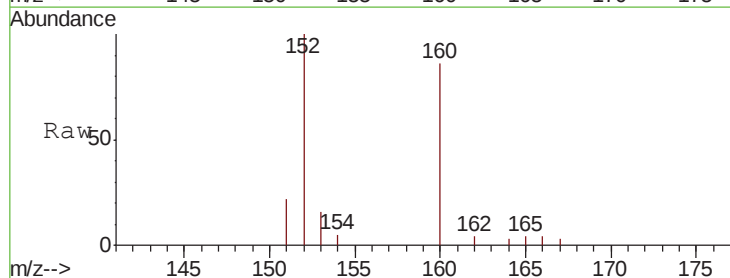
Delta R.T. -0.01 min

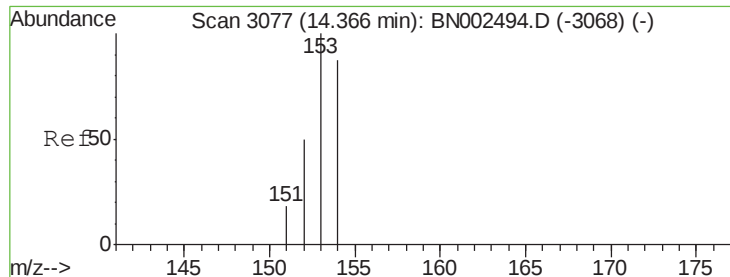
Lab File: BN002498.D

Acq: 24 Aug 2018 12:23

Tgt Ion:152 Resp: 2388

Ion	Ratio	Lower	Upper
152	100		
151	22.2	17.1	25.7
153	15.9	12.8	19.2





#8

Acenaphthene

Concen: 0.023 ng/ul

RT: 14.37 min Scan# 3078

Delta R.T. -0.00 min

Lab File: BN002498.D

Acq: 24 Aug 2018 12:23

Instrument :

BNA_N

ClientSampled :

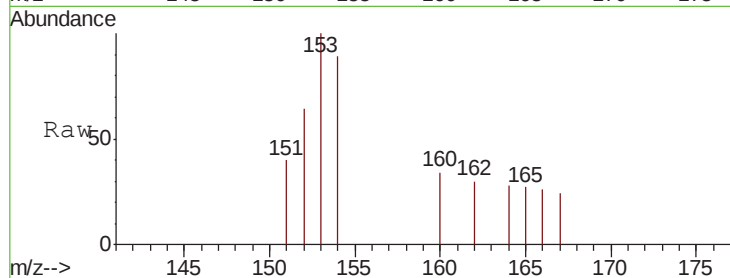
A3Z60DL

Tot Ion:153 Resp: 263

Ion	Ratio	Lower	Upper
153	100		
152	63.5	36.0	54.0#
154	88.5	72.0	108.0

Manual Integrations
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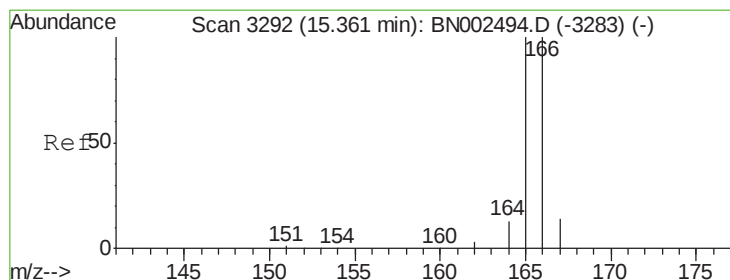
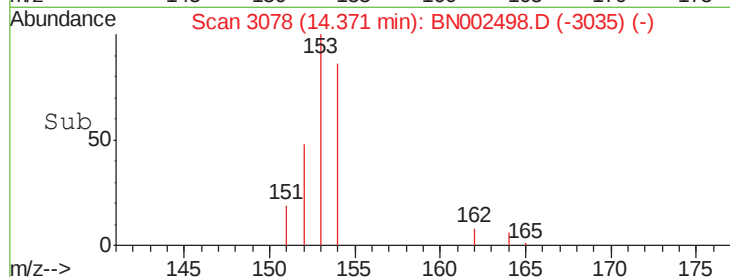
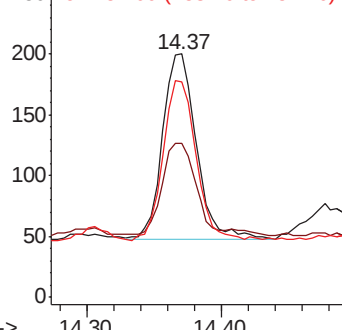


Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#9

Fluorene

Concen: 0.065 ng/ul

RT: 15.36 min Scan# 3292

Delta R.T. -0.00 min

Lab File: BN002498.D

Acq: 24 Aug 2018 12:23

Tgt Ion:166 Resp: 851

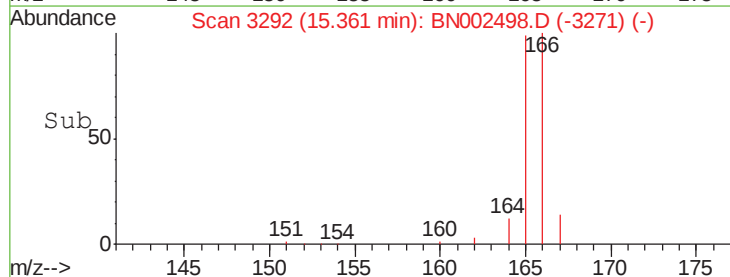
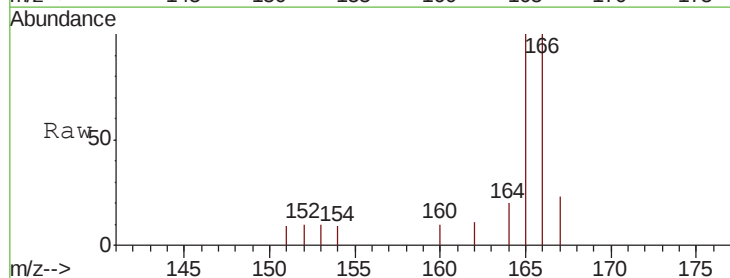
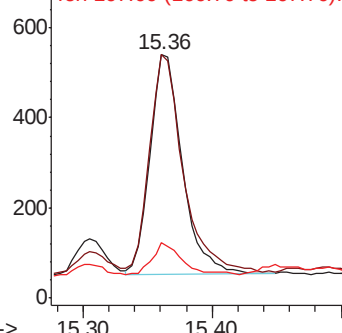
Ion	Ratio	Lower	Upper
166	100		
165	100.2	73.4	110.2
167	22.6	14.6	22.0#

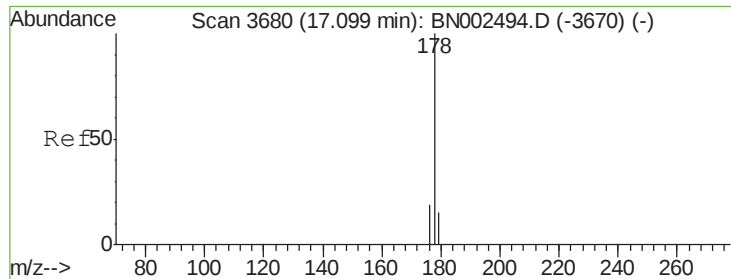
Abundance

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: 0.637 ng/ul

RT: 17.09 min Scan# 3679

Delta R.T. -0.01 min

Lab File: BN002498.D

Acq: 24 Aug 2018 12:23

Instrument :

BNA_N

ClientSampled :

A3Z60DL

Tot Ion:178 Resp: 14369

Ion Ratio Lower Upper

178 100

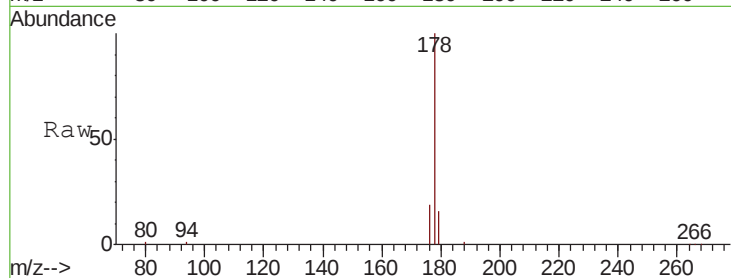
179 15.7 18.4 27.6#

176 19.4 13.6 20.4

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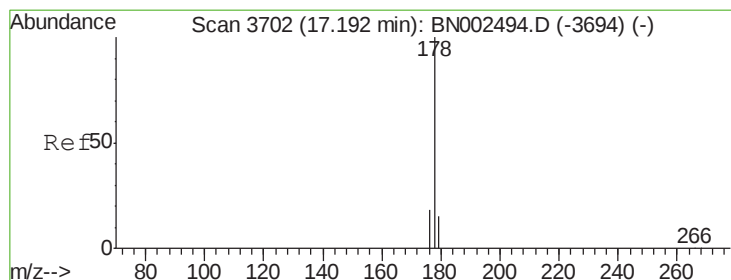
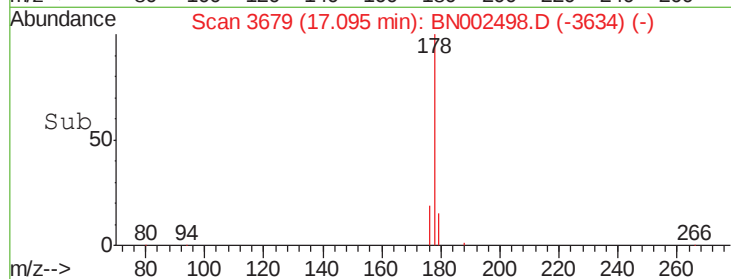
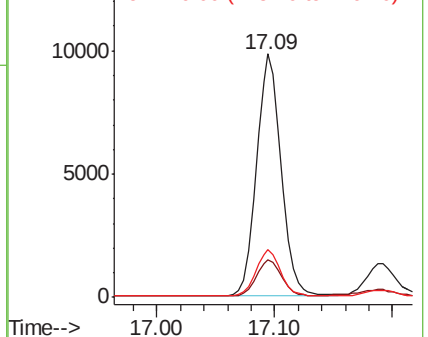
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.112 ng/ul

RT: 17.19 min Scan# 3702

Delta R.T. -0.00 min

Lab File: BN002498.D

Acq: 24 Aug 2018 12:23

Tgt Ion:178 Resp: 2181

Ion Ratio Lower Upper

178 100

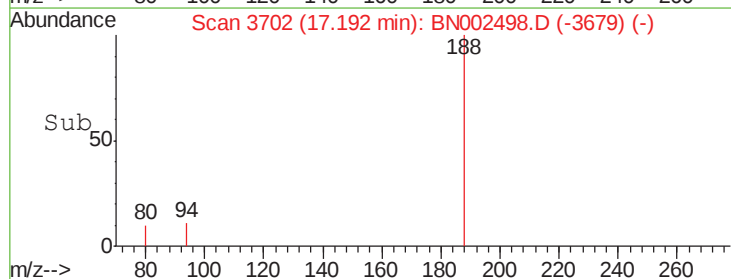
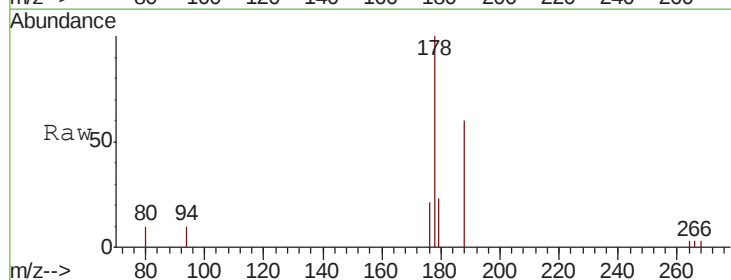
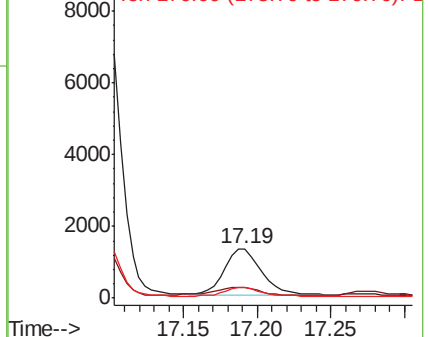
179 22.7 18.1 27.1

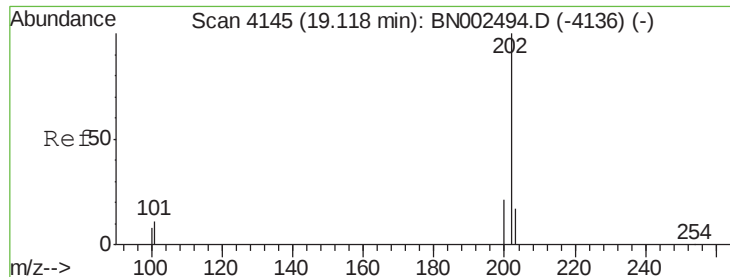
176 21.3 14.7 22.1

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





#15

Fluoranthene

Concen: 0.872 ng/ul

RT: 19.12 min Scan# 4145

Delta R.T. -0.00 min

Lab File: BN002498.D

Acq: 24 Aug 2018 12:23

Instrument :

BNA_N

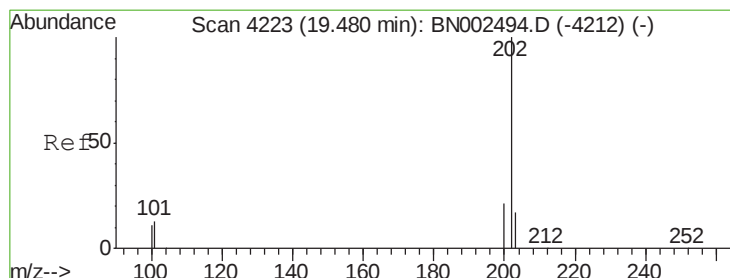
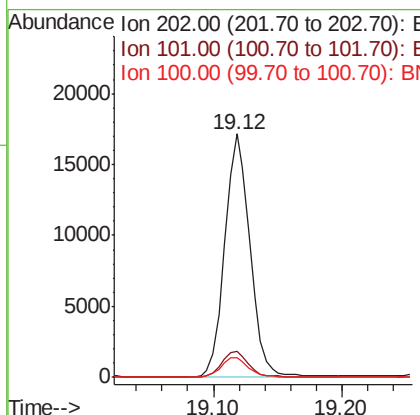
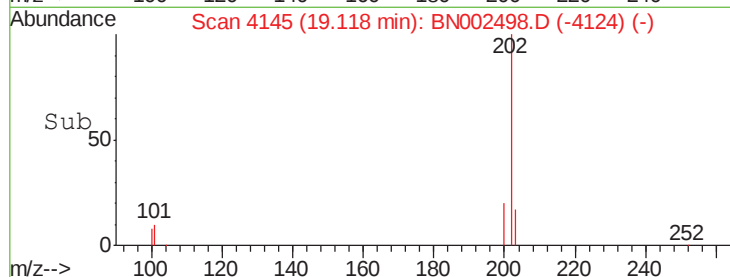
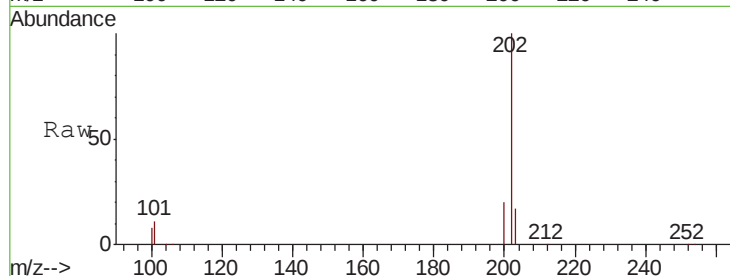
ClientSampleId :

A3Z60DL

Tot Ion:	202	Resp:	23133
Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.0
100	8.2	0.0	30.0

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#17

Pyrene

Concen: 0.707 ng/ul

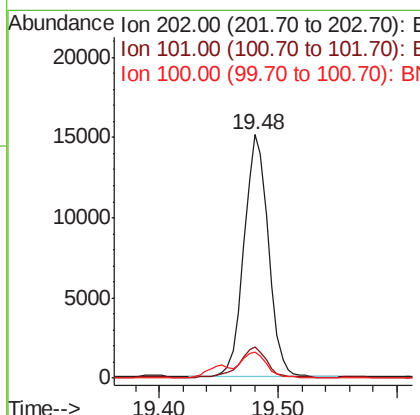
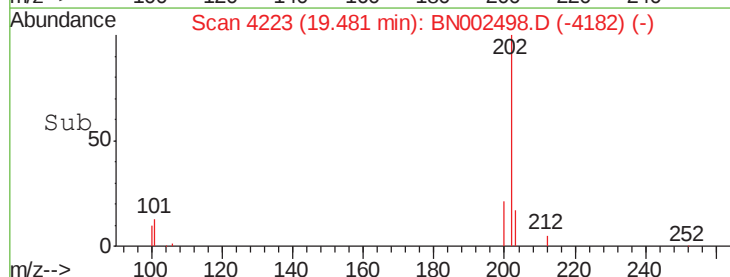
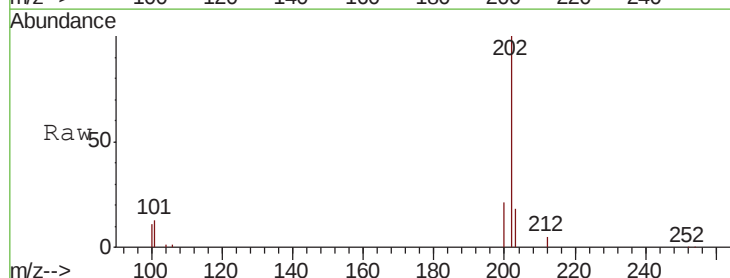
RT: 19.48 min Scan# 4223

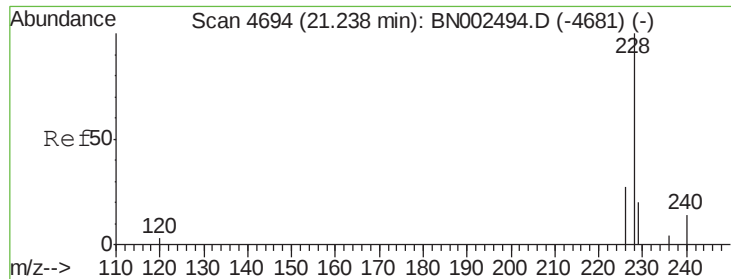
Delta R.T. -0.01 min

Lab File: BN002498.D

Acq: 24 Aug 2018 12:23

Tgt Ion:	202	Resp:	21416
Ion	Ratio	Lower	Upper
202	100		
101	12.9	12.0	18.0
100	10.6	8.0	12.0





#18

Benzo(a)anthracene

Concen: 0.363 ng/ul

RT: 21.24 min Scan# 4695

Delta R.T. -0.00 min

Lab File: BN002498.D

Acq: 24 Aug 2018 12:23

Instrument :

BNA_N

ClientSampled :

A3Z60DL

Tot Ion:228 Resp: 9638

Ion Ratio Lower Upper

228 100

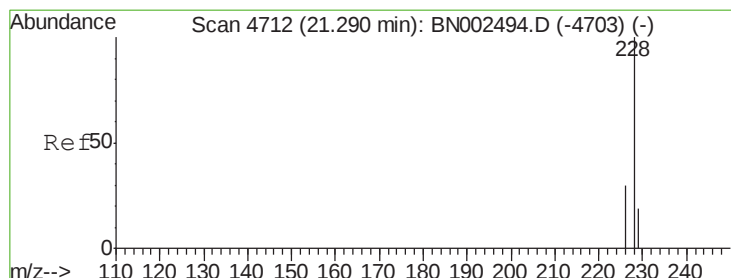
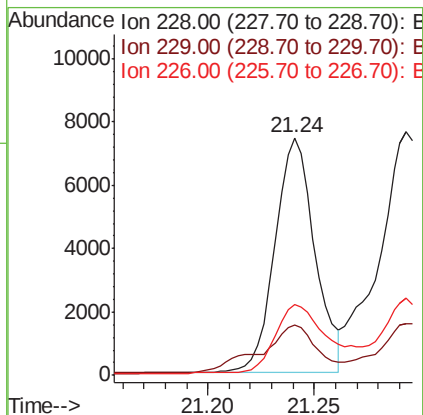
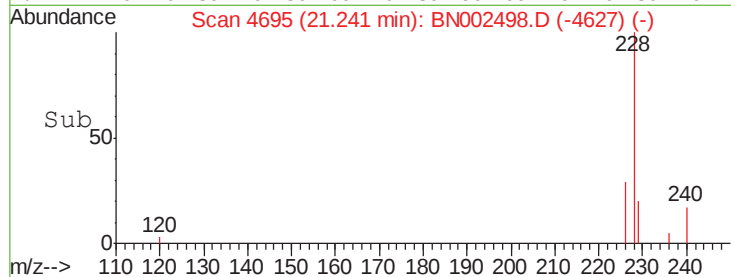
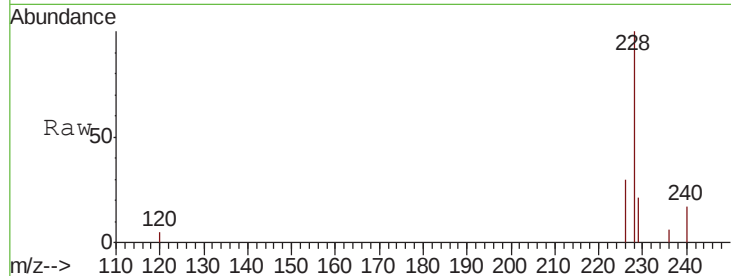
229 21.1 22.8 34.2#

226 29.6 17.0 25.6#

Manual Integrations
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#19

Chrysene

Concen: 0.392 ng/ul

RT: 21.29 min Scan# 4713

Delta R.T. -0.00 min

Lab File: BN002498.D

Acq: 24 Aug 2018 12:23

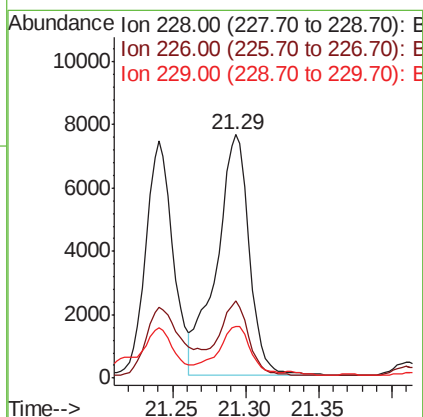
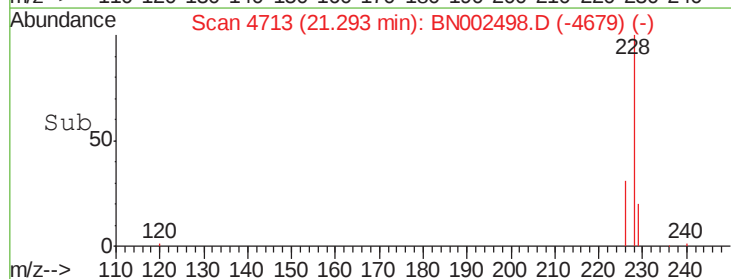
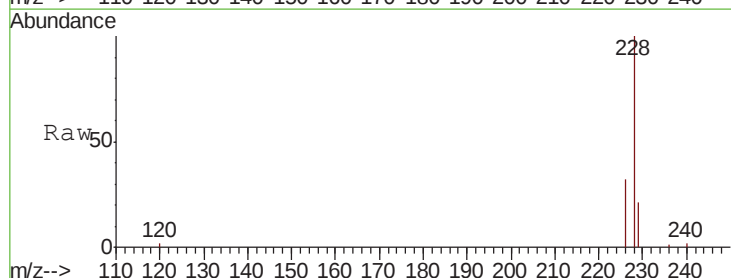
Tgt Ion:228 Resp: 11768

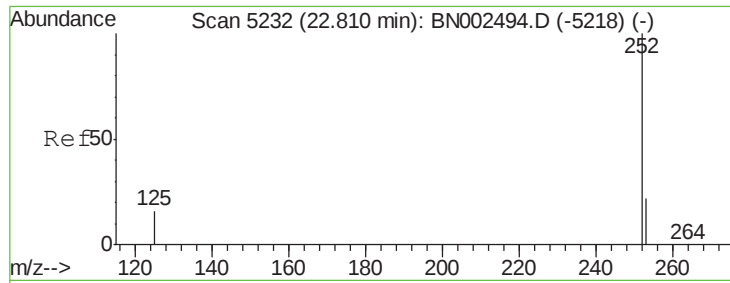
Ion Ratio Lower Upper

228 100

226 31.7 23.4 35.0

229 21.4 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.510 ng/ul m

RT: 22.82 min Scan# 5234

Delta R.T. 0.00 min

Lab File: BN002498.D

Acq: 24 Aug 2018 12:23

Instrument :

BNA_N

ClientSampleId :

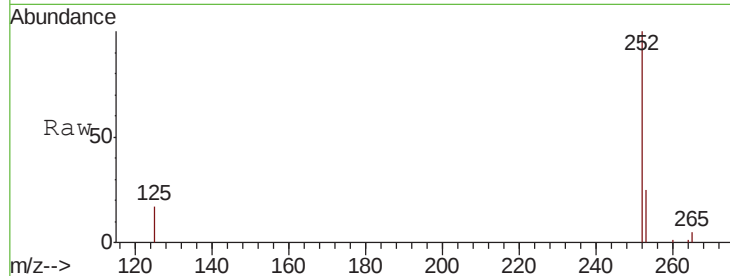
A3Z60DL

Tot Ion:252 Resp: 17309

Ion	Ratio	Lower	Upper
252	100		
253	25.2	0.0	64.2
125	17.2	0.0	35.0

Manual Integrations
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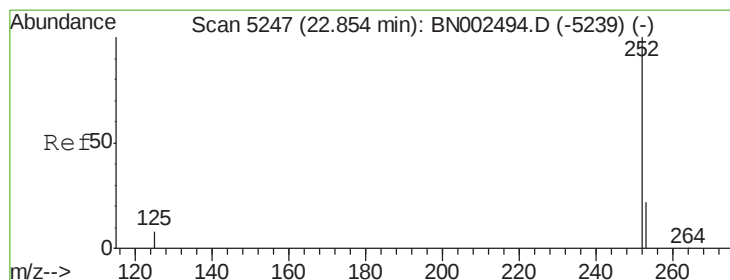
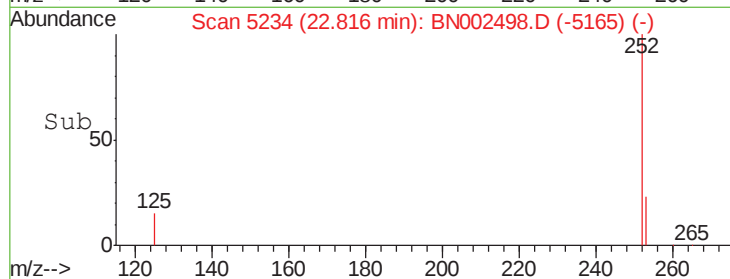
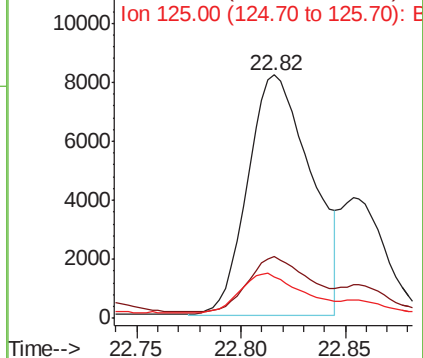
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 0.168 ng/ul m

RT: 22.85 min Scan# 5247

Delta R.T. -0.01 min

Lab File: BN002498.D

Acq: 24 Aug 2018 12:23

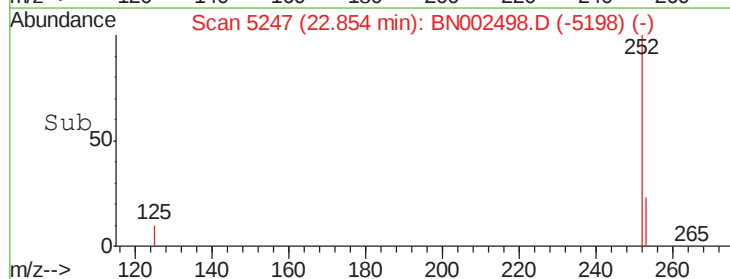
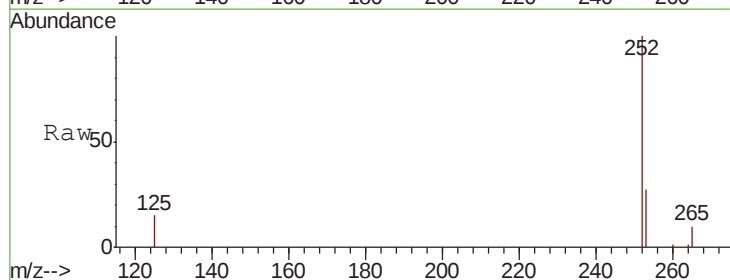
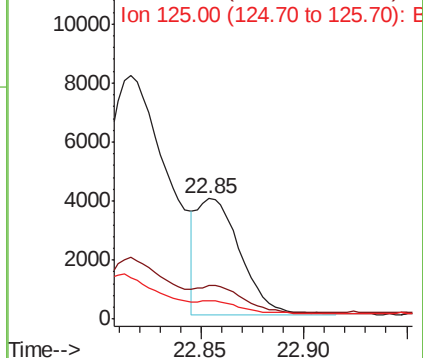
Tgt Ion:252 Resp: 5898

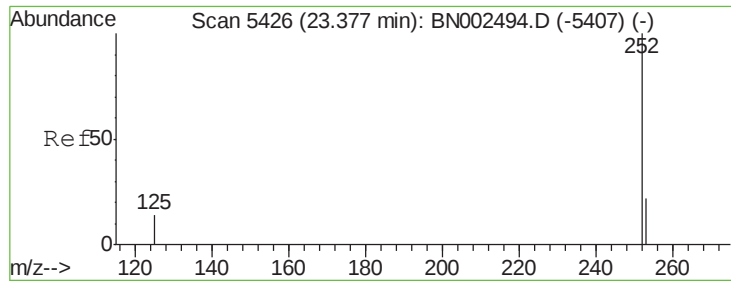
Ion	Ratio	Lower	Upper
252	100		
253	27.5	24.5	36.7
125	15.0	13.7	20.5

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: 0.357 ng/ul

RT: 23.38 min Scan# 5427

Delta R.T. -0.00 min

Lab File: BN002498.D

Acq: 24 Aug 2018 12:23

Instrument :

BNA_N

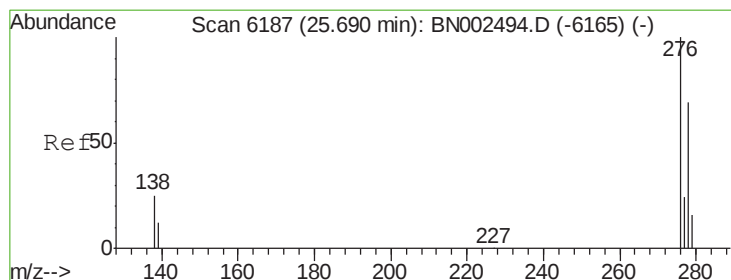
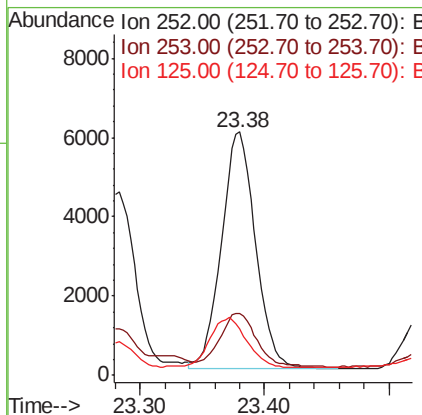
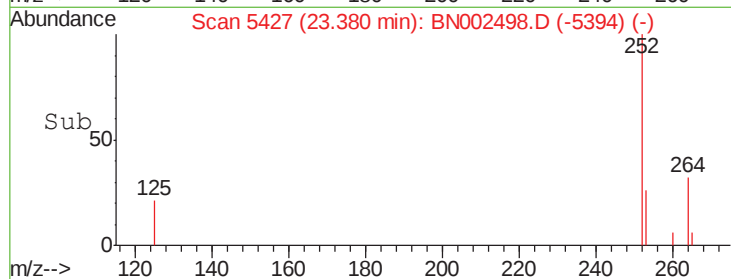
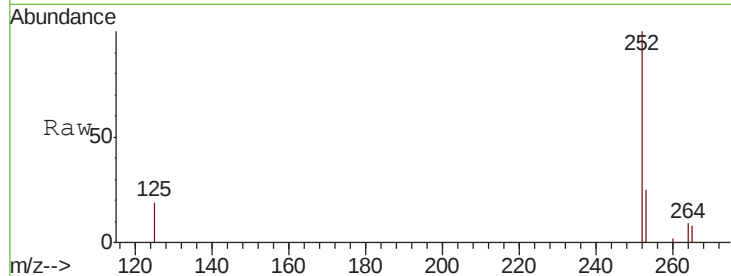
ClientSampled :

A3Z60DL

Tot Ion:252	Resp:	11405
Ion Ratio	Lower	Upper
252	100	
253	25.5	16.0 24.0#
125	19.1	12.0 18.0#

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.237 ng/ul

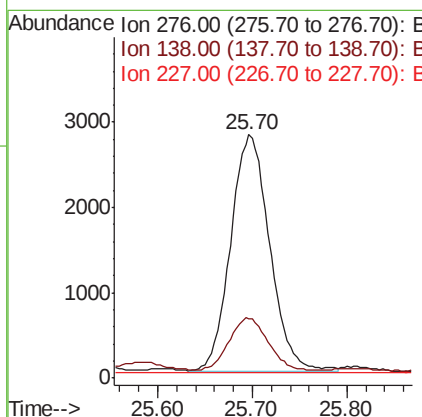
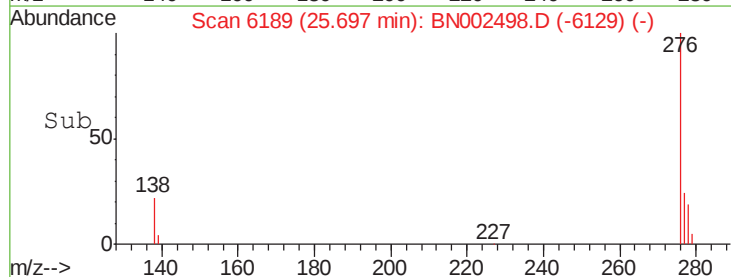
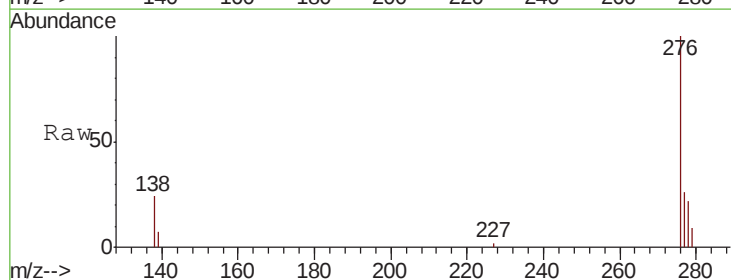
RT: 25.70 min Scan# 6189

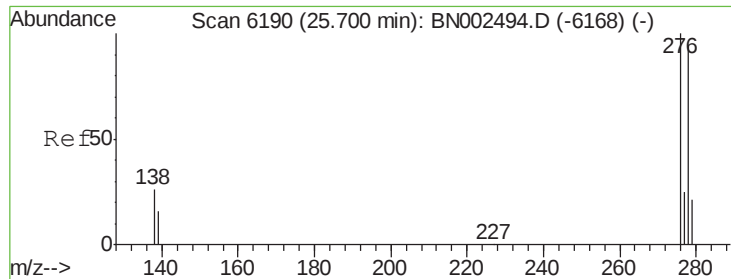
Delta R.T. -0.00 min

Lab File: BN002498.D

Acq: 24 Aug 2018 12:23

Tgt Ion:276	Resp:	7890
Ion Ratio	Lower	Upper
276	100	
138	22.5	28.0 42.0#
227	0.3	0.8 1.2#





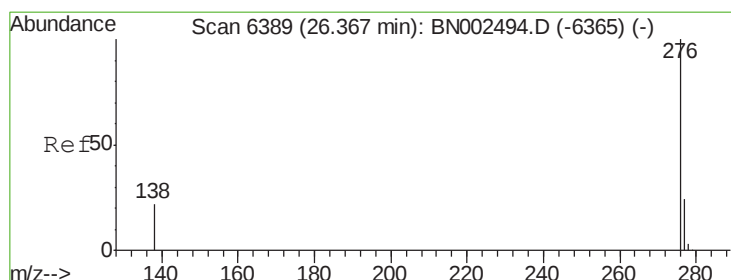
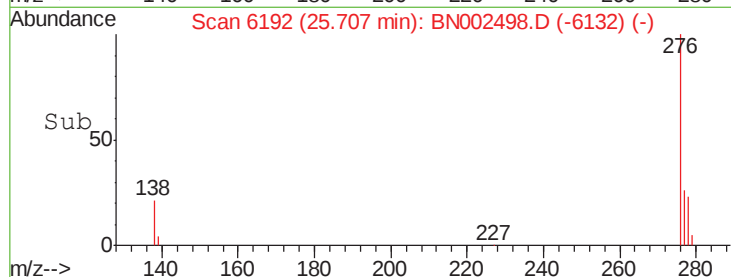
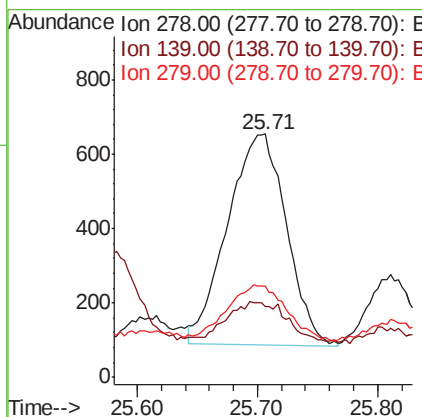
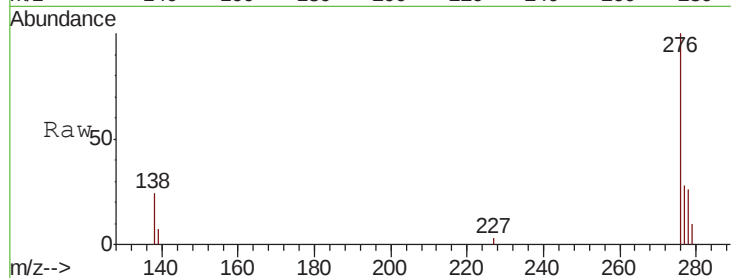
#25
Dibenzo(a,h)anthracene
Concen: 0.073 ng/ul
RT: 25.71 min Scan# 6192
Delta R.T. -0.00 min
Lab File: BN002498.D
Acq: 24 Aug 2018 12:23

Instrument :
BNA_N
ClientSampleId :
A3Z60DL

Tot Ion:278 Resp: 1925
Ion Ratio Lower Upper
278 100
139 28.9 17.4 26.0#
279 37.3 25.9 38.9

Manual Integrations
APPROVED

Sohil
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#26
Benzo(g,h,i)perylene
Concen: 0.259 ng/ul
RT: 26.37 min Scan# 6390
Delta R.T. -0.01 min
Lab File: BN002498.D
Acq: 24 Aug 2018 12:23

Tgt Ion:276 Resp: 7383
Ion Ratio Lower Upper
276 100
138 25.9 21.8 32.8
277 24.5 20.5 30.7

