

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050719\
 Data File : BN005524.D
 Acq On : 07 May 2019 19:52
 Operator : JU/SJ
 Sample : K2403-16
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5130

Manual Integrations
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Quant Time: May 08 03:54:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 07 07:04:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2059	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.35	136	8239	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.23	164	5127	0.40	ng/ul	-0.02
10) Phenanthrene-d10	16.98	188	12329m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.21	240	9214m	0.40	ng/ul	-0.02
20) Perylene-d12	23.41	264	14362	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	3700	0.29	ng/ul	-0.03
14) Fluoranthene-d10	19.03	212	10555m	0.27	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.40	128	1215	0.056	ng/ul#	87
5) 2-Methylnaphthalene	12.03	142	862	0.058	ng/ul	100
7) Acenaphthylene	13.94	152	2834	0.110	ng/ul	95
12) Phenanthrene	17.02	178	9272	0.276	ng/ul	97
13) Anthracene	17.11	178	1554m	0.046	ng/ul	
15) Fluoranthene	19.05	202	34467m	0.741	ng/ul	
17) Pyrene	19.42	202	30614	0.900	ng/ul	100
18) Benzo(a)anthracene	21.36	228	1286	0.040	ng/ul#	1
19) Chrysene	21.25	228	12811m	0.328	ng/ul	
21) Benzo(b)fluoranthene	22.76	252	22062m	0.511	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	8240m	0.152	ng/ul	
23) Benzo(a)pyrene	23.31	252	11597	0.240	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.59	276	9807	0.182	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.59	278	3355	0.075	ng/ul#	1
26) Benzo(g,h,i)perylene	26.26	276	12501	0.272	ng/ul#	82

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

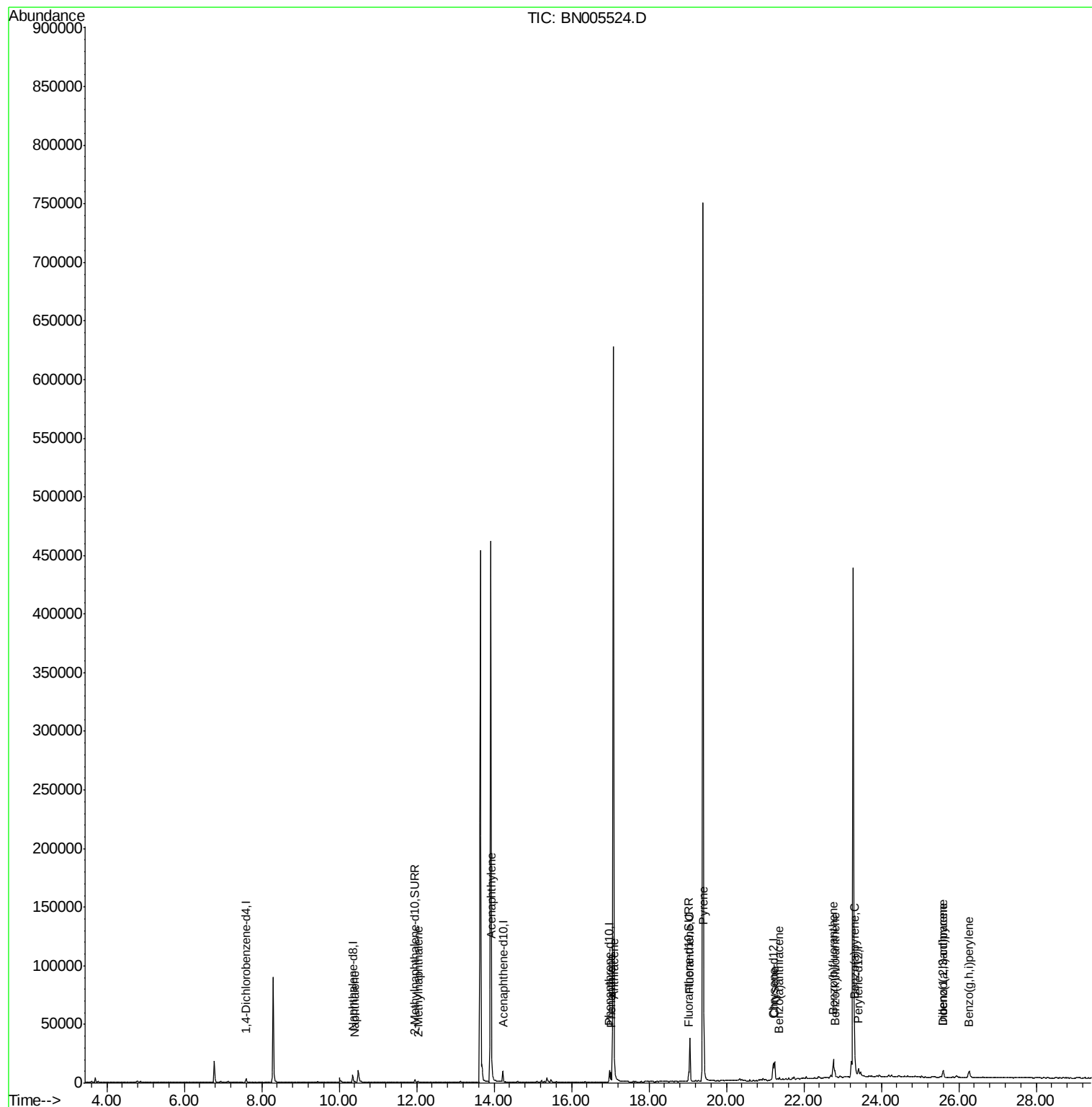
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050719\
Data File : BN005524.D
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ALS Vial : 34 Sample Multiplier: 1

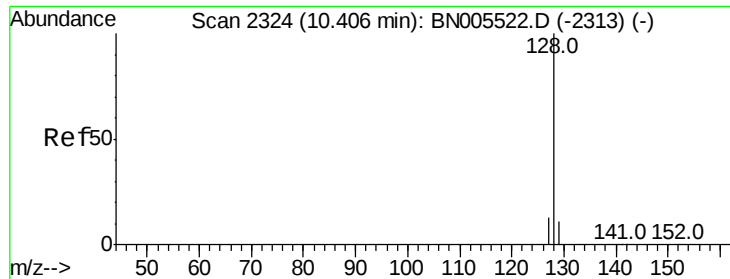
Instrument :
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Quant Time: May 08 03:54:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.056 ng/ul

RT: 10.40 min Scan# 2323

Delta R.T. -0.02 min

Lab File: BN005524.D

Acq: 07 May 2019 19:52

Instrument :

BNA_N

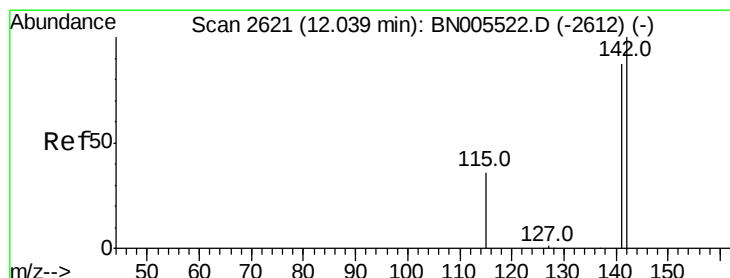
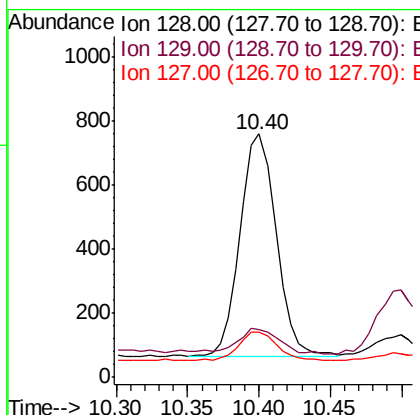
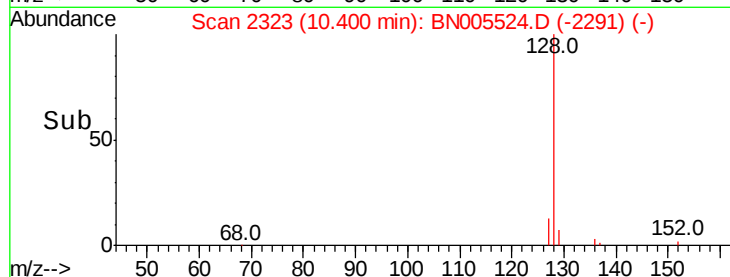
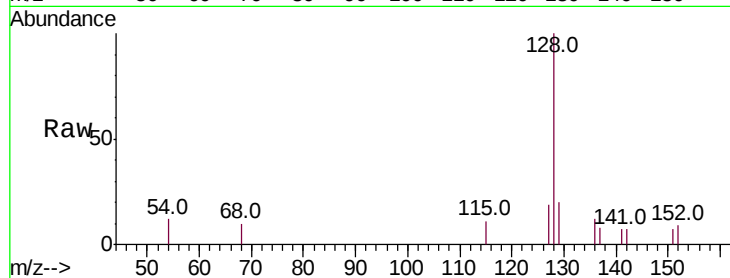
ClientSampled :

A5130

Tot Ion:	128	Resp:	1215
Ion Ratio	Lower	Upper	
128	100		
129	19.7	10.2	15.2#
127	18.7	11.8	17.8#

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#5

2-Methylnaphthalene

Concen: 0.058 ng/ul

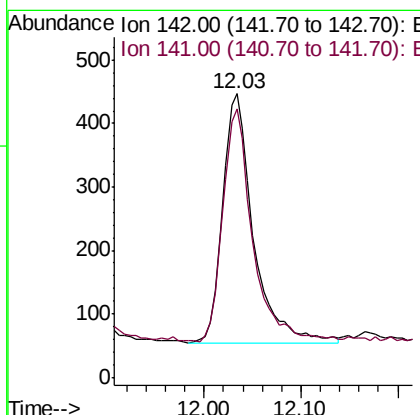
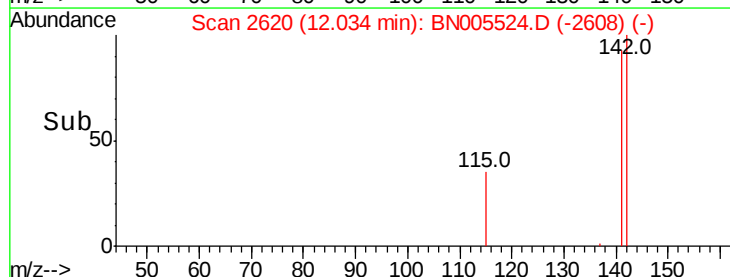
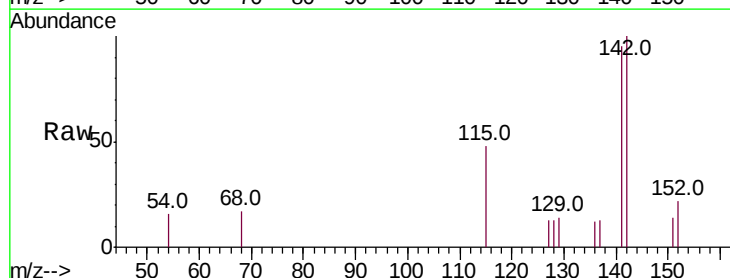
RT: 12.03 min Scan# 2620

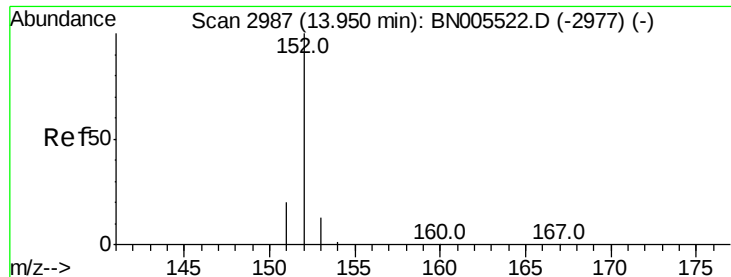
Delta R.T. -0.03 min

Lab File: BN005524.D

Acq: 07 May 2019 19:52

Tgt Ion:	142	Resp:	862
Ion Ratio	Lower	Upper	
142	100		
141	90.0	72.2	108.2





#7

Acenaphthylene

Concen: 0.110 ng/ul

RT: 13.94 min Scan# 2985

Delta R.T. -0.02 min

Lab File: BN005524.D

Acq: 07 May 2019 19:52

Instrument :

BNA_N

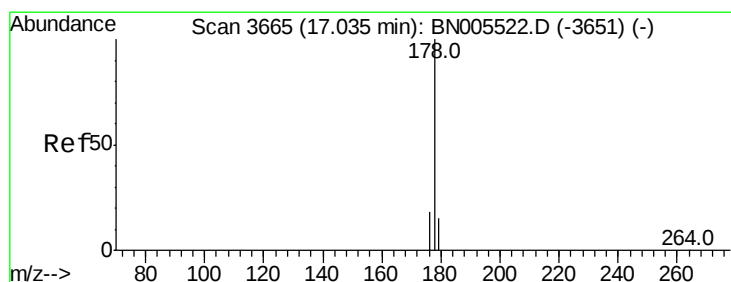
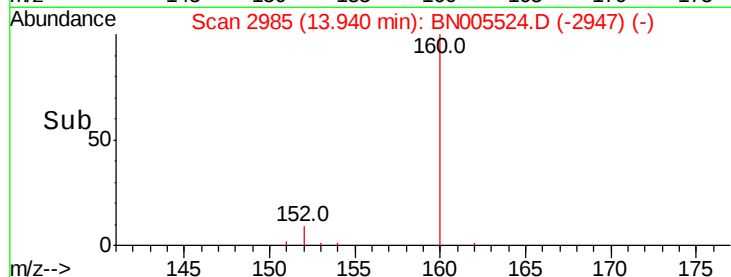
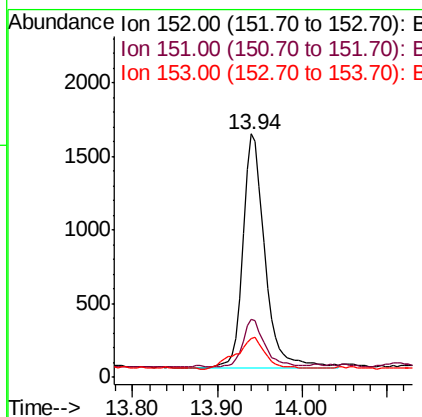
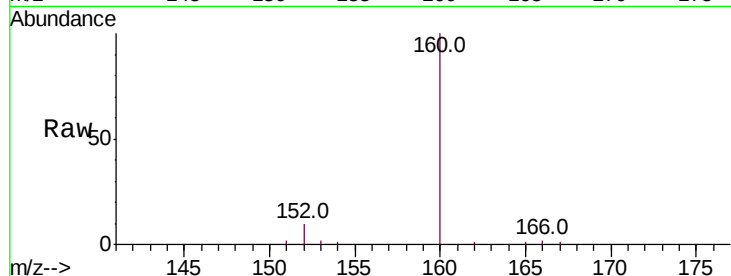
ClientSampleId :

A5130

Tot Ion:	152	Resp:	2834
Ion Ratio	Lower	Upper	
152	100		
151	23.6	16.7	25.1
153	16.0	11.6	17.4

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#12

Phenanthrene

Concen: 0.276 ng/ul

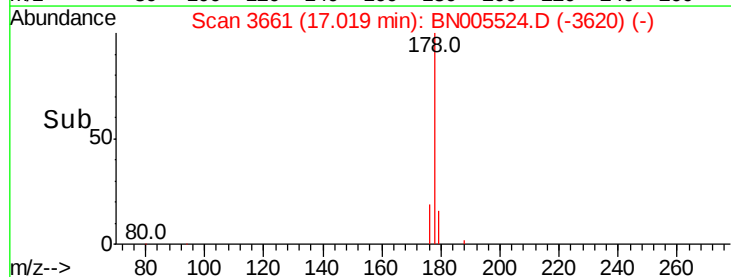
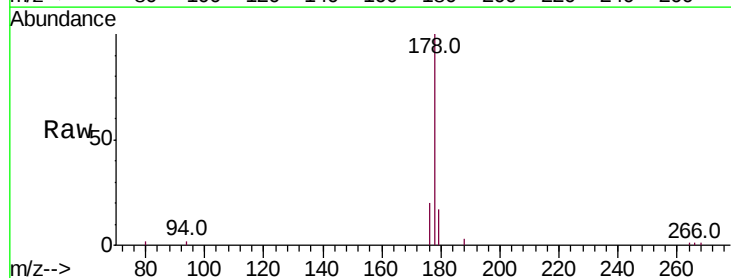
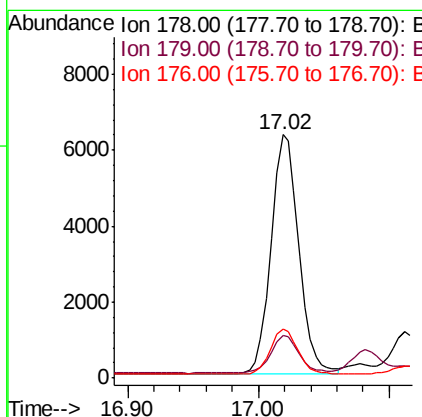
RT: 17.02 min Scan# 3661

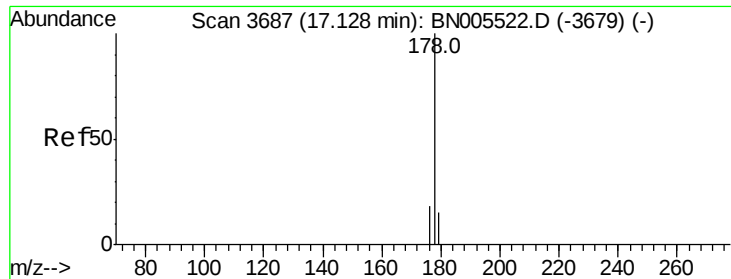
Delta R.T. -0.03 min

Lab File: BN005524.D

Acq: 07 May 2019 19:52

Tgt Ion:	178	Resp:	9272
Ion Ratio	Lower	Upper	
178	100		
179	17.4	12.8	19.2
176	20.3	15.3	22.9





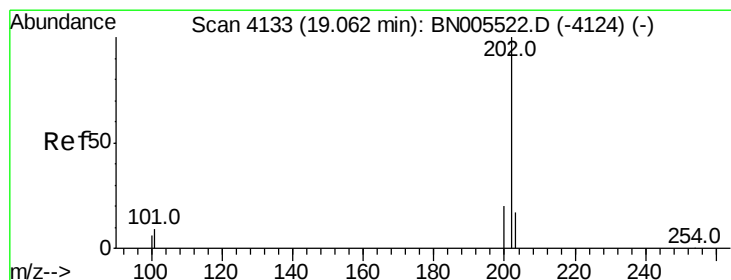
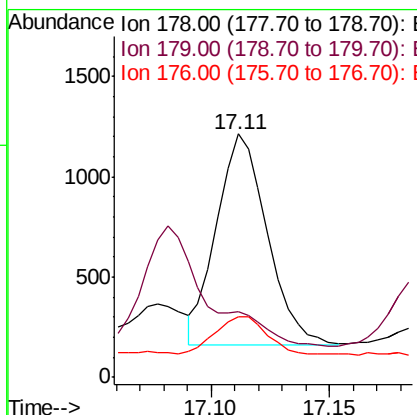
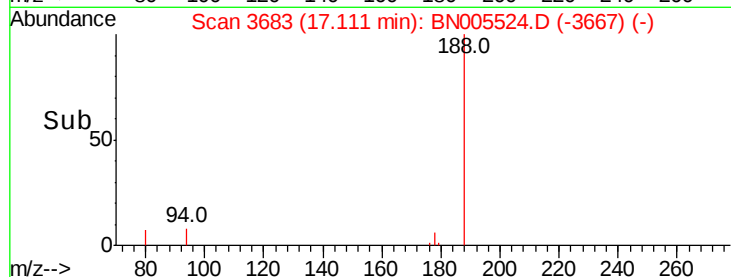
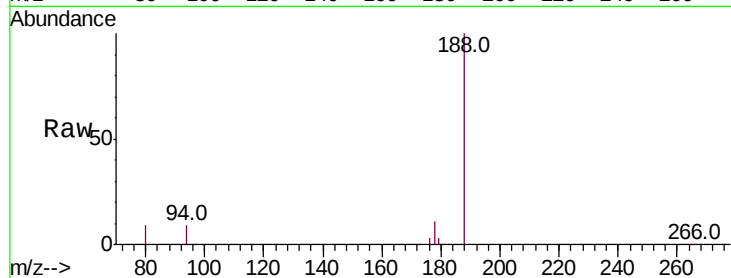
#13
 Anthracene
 Concen: 0.046 ng/ul m
 RT: 17.11 min Scan# 3683
 Delta R.T. -0.03 min
 Lab File: BN005524.D
 Acq: 07 May 2019 19:52

Instrument :
 BNA_N
 ClientSampleId :
 A5130

Tot Ion	Ratio	Lower	Upper
178	100		
179	27.2	13.4	20.2#
176	24.7	15.1	22.7#

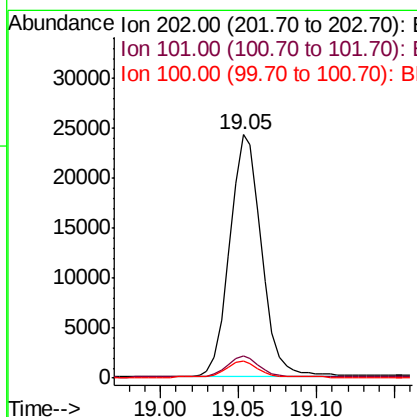
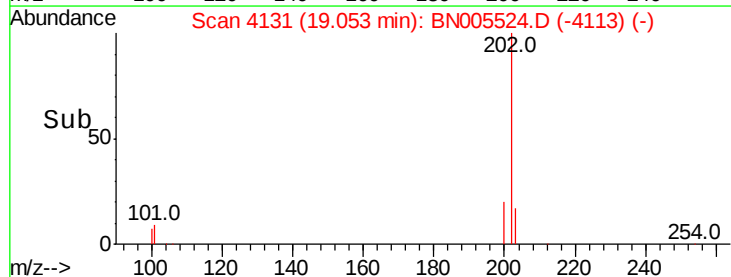
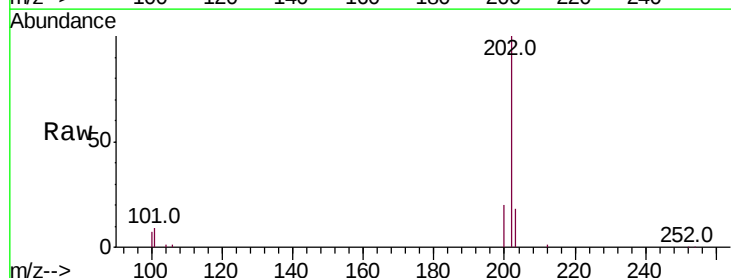
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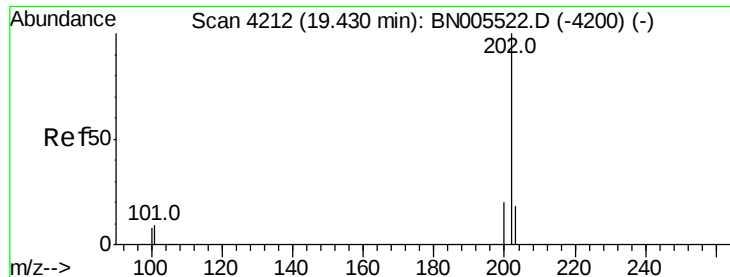
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#15
 Fluoranthene
 Concen: 0.741 ng/ul m
 RT: 19.05 min Scan# 4131
 Delta R.T. -0.02 min
 Lab File: BN005524.D
 Acq: 07 May 2019 19:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	29.4
100	6.8	0.0	27.1





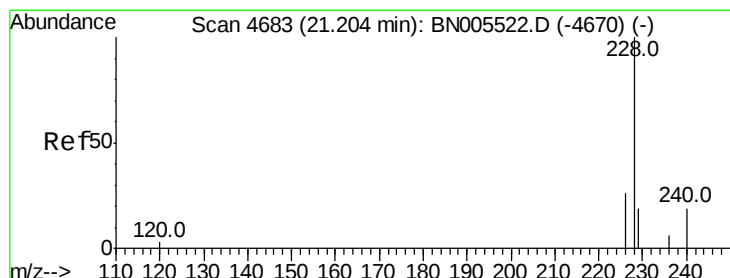
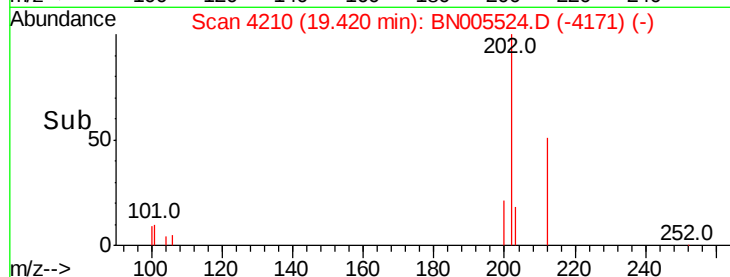
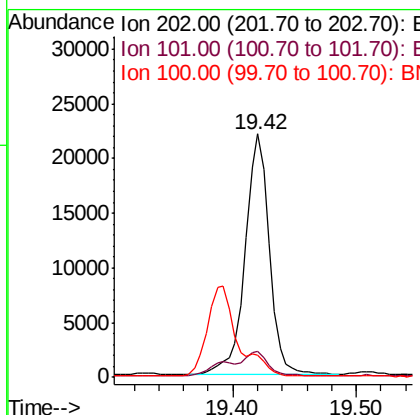
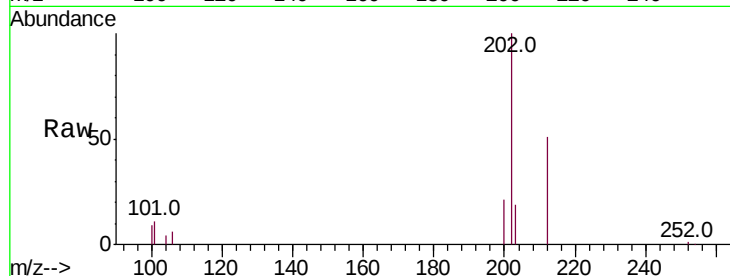
#17
Pvrene
Concen: 0.900 ng/ul
RT: 19.42 min Scan# 4210
Delta R.T. -0.02 min
Lab File: BN005524.D
Acq: 07 May 2019 19:52

Instrument :
BNA_N
ClientSampleId :
A5130

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.5	8.5	12.7
100	8.9	6.9	10.3

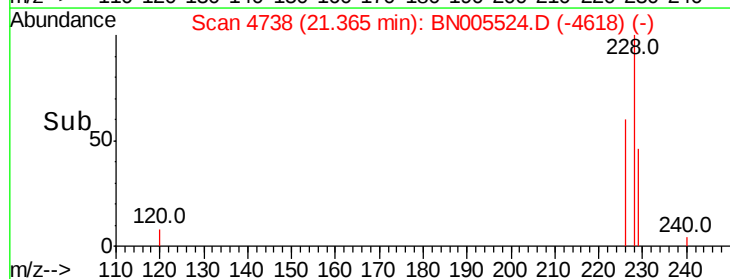
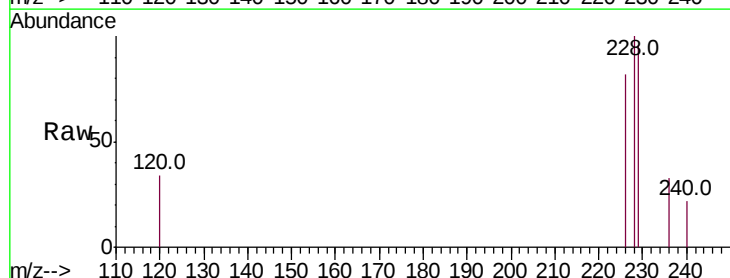
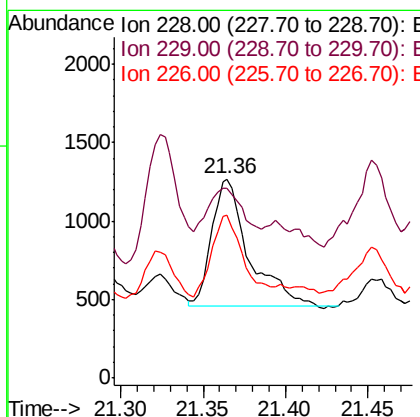
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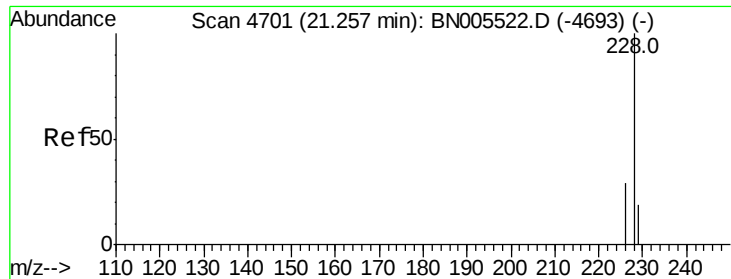
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#18
Benzo(a)anthracene
Concen: 0.040 ng/ul
RT: 21.36 min Scan# 4738
Delta R.T. 0.15 min
Lab File: BN005524.D
Acq: 07 May 2019 19:52

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	95.7	15.8	23.8#
226	81.8	21.7	32.5#





#19

Chrysene

Concen: 0.328 ng/ul m

RT: 21.25 min Scan# 4698

Delta R.T. -0.02 min

Lab File: BN005524.D

Acq: 07 May 2019 19:52

Instrument :

BNA_N

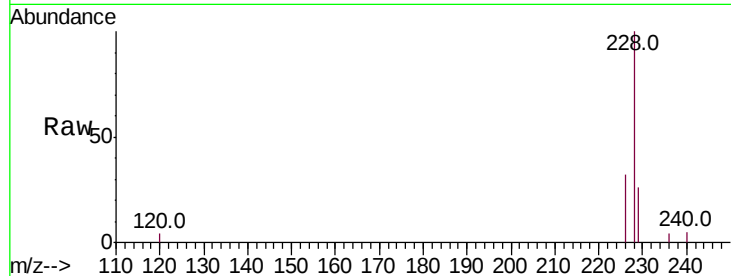
ClientSampled :

A5130

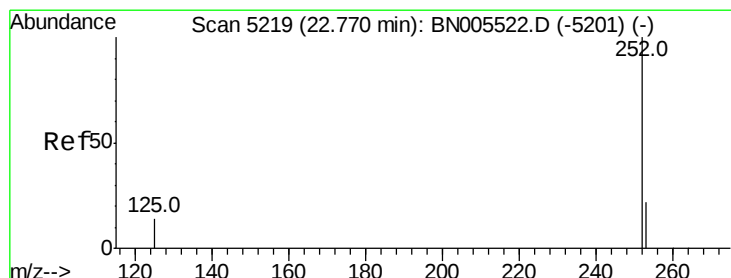
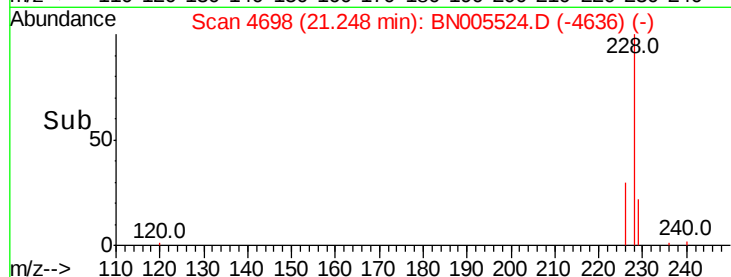
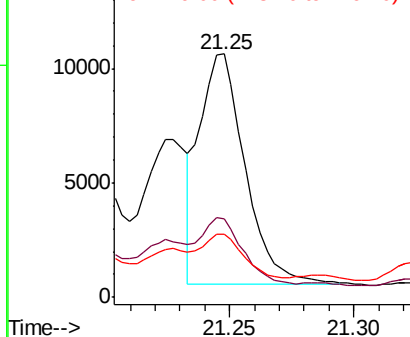
Tot Ion:228	Resp:	12811
Ion Ratio	Lower	Upper
228 100		
226 32.3	23.2	34.8
229 25.8	16.0	24.0#

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 0.511 ng/ul m

RT: 22.76 min Scan# 5215

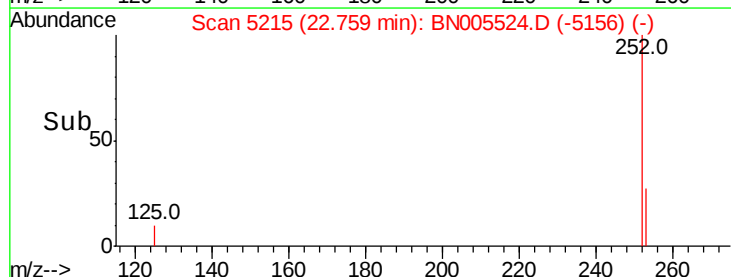
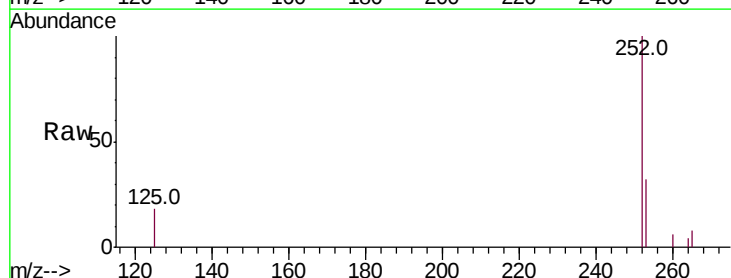
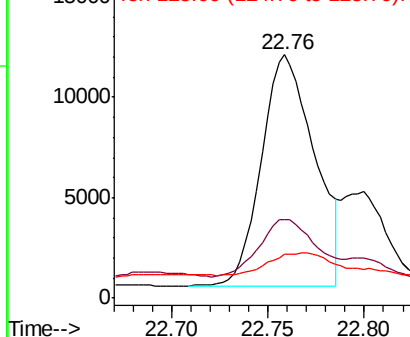
Delta R.T. -0.03 min

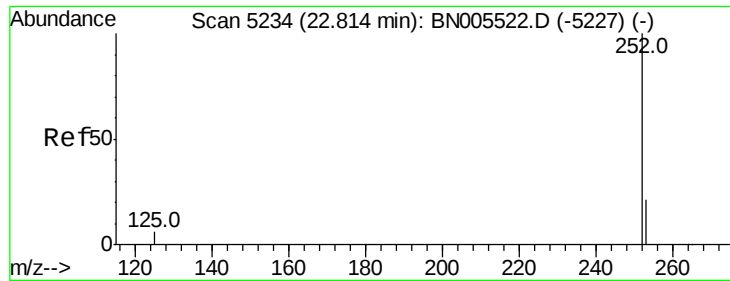
Lab File: BN005524.D

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Tgt Ion:252	Resp:	22062
Ion Ratio	Lower	Upper
252 100		
253 32.5	0.0	47.6
125 17.8	0.0	20.8

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: 0.152 ng/ul m

RT: 22.80 min Scan# 5229

Delta R.T. -0.03 min

Lab File: BN005524.D

Acq: 07 May 2019 19:52

Instrument :

BNA_N

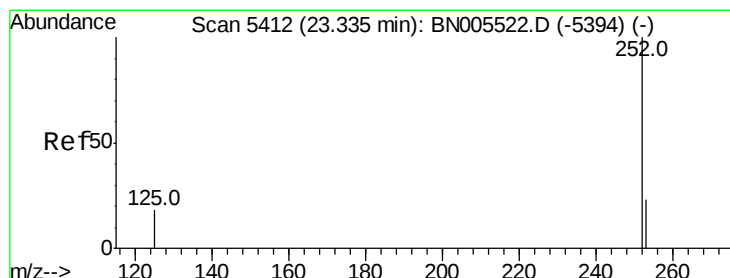
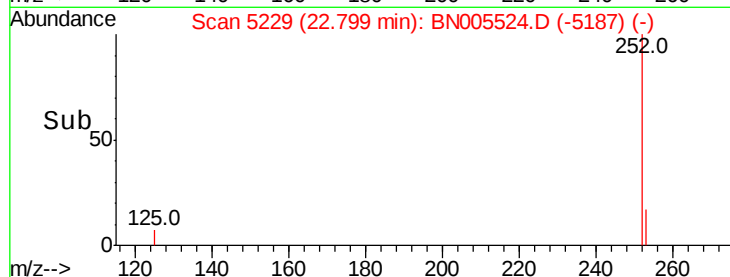
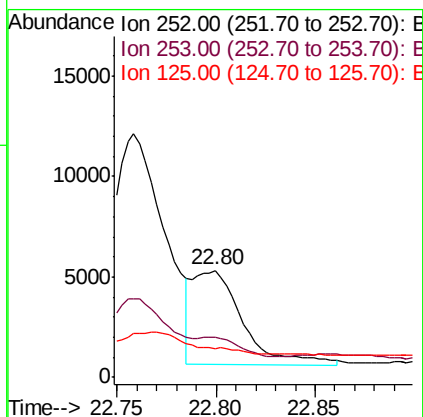
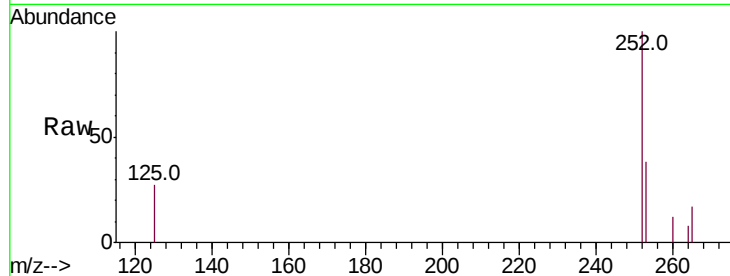
ClientSampleId :

A5130

Tot Ion:	252	Resp:	8240
Ion Ratio	Lower	Upper	
252	100		
253	37.6	18.8	28.2#
125	27.2	7.6	11.4#

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#23

Benzo(a)pyrene

Concen: 0.240 ng/ul

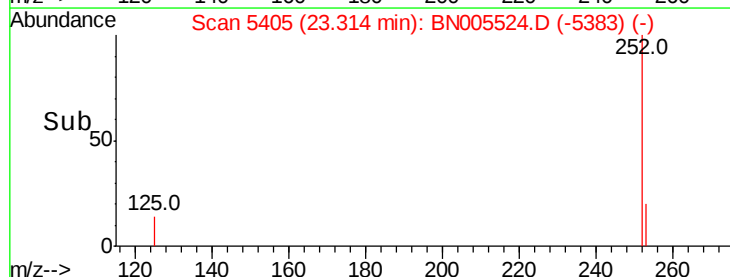
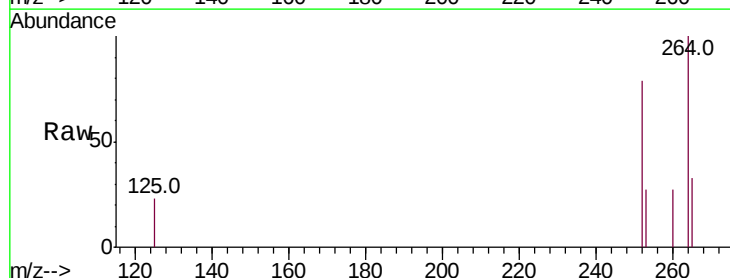
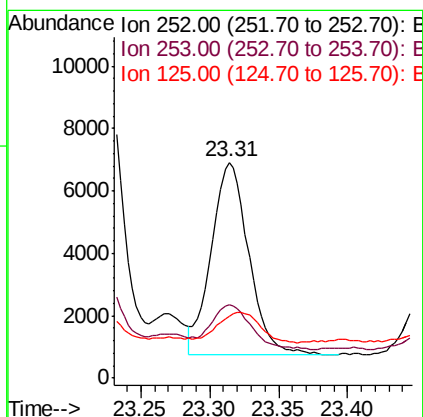
RT: 23.31 min Scan# 5405

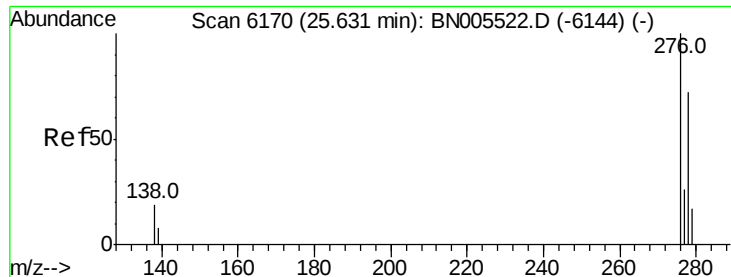
Delta R.T. -0.04 min

Lab File: BN005524.D

Acq: 07 May 2019 19:52

Tgt Ion:	252	Resp:	11597
Ion Ratio	Lower	Upper	
252	100		
253	33.9	19.6	29.4#
125	28.8	10.1	15.1#





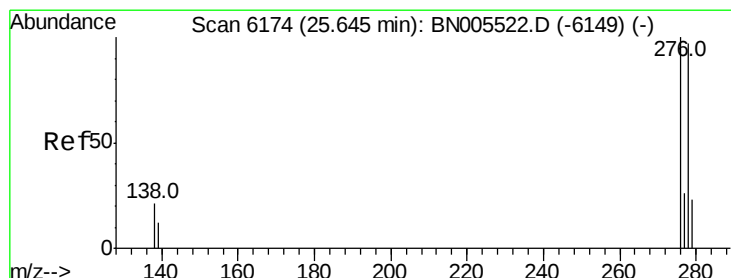
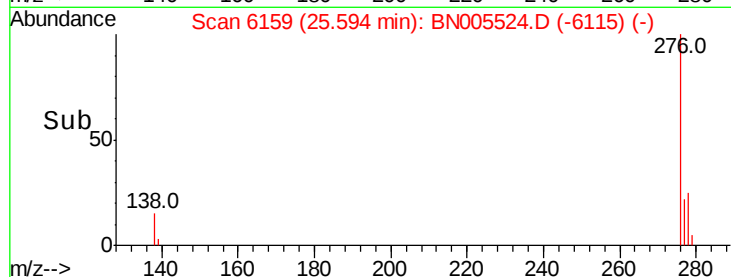
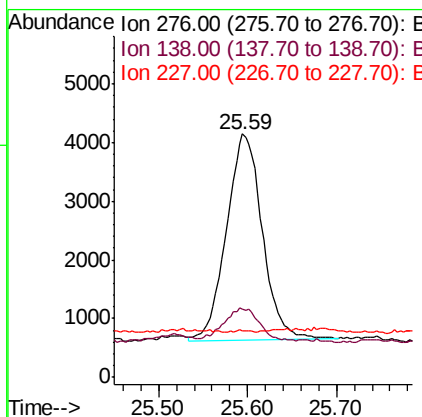
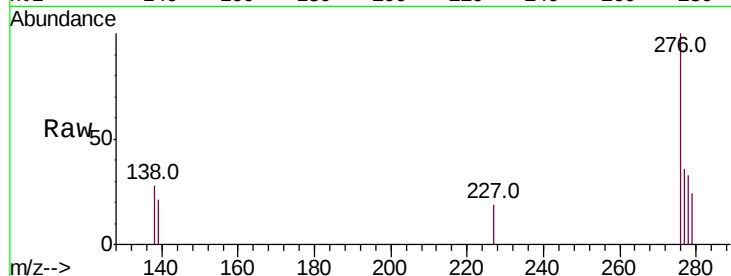
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.182 ng/ul
 RT: 25.59 min Scan# 6159
 Delta R.T. -0.05 min
 Lab File: BN005524.D
 Acq: 07 May 2019 19:52

Instrument :
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 A5130

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.9	15.8	23.8
227	0.4	0.1	0.1#

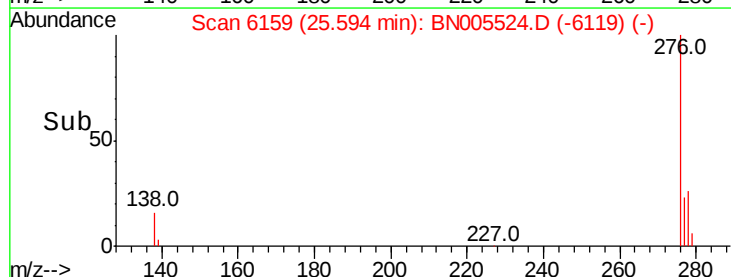
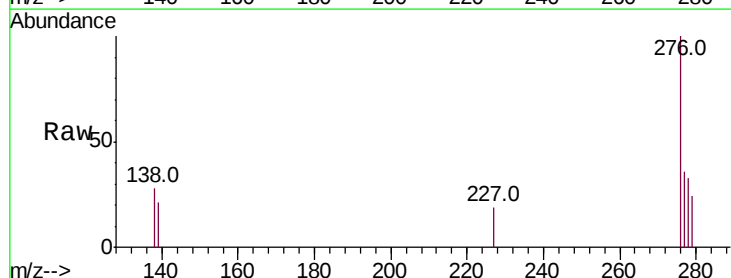
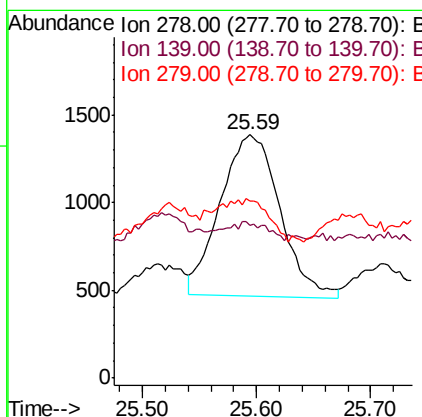
Manual Integrations
 APPROVED

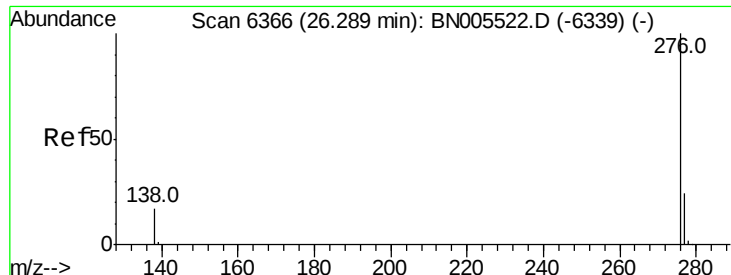
Sohil
 5/8/2019 6:27:08 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.075 ng/ul
 RT: 25.59 min Scan# 6159
 Delta R.T. -0.07 min
 Lab File: BN005524.D
 Acq: 07 May 2019 19:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	63.0	12.4	18.6#
279	72.6	21.0	31.4#





#26

Benzo(a,h,i)perylene

Concen: 0.272 ng/ul

RT: 26.26 min Scan# 6358

Delta R.T. -0.04 min

Lab File: BN005524.D

Acq: 07 May 2019 19:52

Instrument :

BNA_N

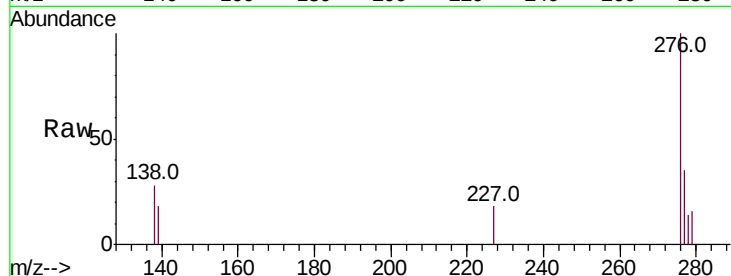
ClientSampleId :

A5130

Tot Ion:	276	Resp:	12501
Ion Ratio	Lower	Upper	
276	100		
138	27.9	15.6	23.4#
277	35.1	20.6	31.0#

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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

