

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006568.D
 Acq On : 25 Jun 2019 13:15
 Operator : HP/JU
 Sample : K3360-22MSD
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4202MSD

Manual Integrations
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mohammad
 6/25/2019 10:22:01 PM

Quant Time: Jun 25 13:51:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 25 07:15:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4026	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	14999	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	7595	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	15010	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	9476	0.40	ng/ul	0.02
20) Perylene-d12	23.53	264	10475	0.40	ng/ul	0.05
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	5431	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	10776	0.27	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.46	128	978	0.024	ng/ul#	75
7) Acenaphthylene	14.00	152	1078	0.026	ng/ul#	84
8) Acenaphthene	14.34	153	8370	0.286	ng/ul	99
9) Fluorene	15.34	166	980	0.029	ng/ul#	93
11) Pentachlorophenol	16.74	266	144	0.038	ng/ul	93
12) Phenanthrene	17.08	178	39965	0.829	ng/ul	99
13) Anthracene	17.17	178	4784	0.104	ng/ul#	94
15) Fluoranthene	19.11	202	164226	3.087	ng/ul	100
17) Pyrene	19.48	202	146794	2.941	ng/ul	98
18) Benzo(a)anthracene	21.26	228	60578	1.445	ng/ul	100
19) Chrysene	21.31	228	80901	2.056	ng/ul	100
21) Benzo(b)fluoranthene	22.86	252	112023m	2.565	ng/ul	
22) Benzo(k)fluoranthene	22.90	252	39912m	0.938	ng/ul	
23) Benzo(a)pyrene	23.43	252	65095	1.600	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.77	276	51002	1.158	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.77	278	11517	0.327	ng/ul	98
26) Benzo(g,h,i)perylene	26.45	276	43545	1.181	ng/ul	95

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

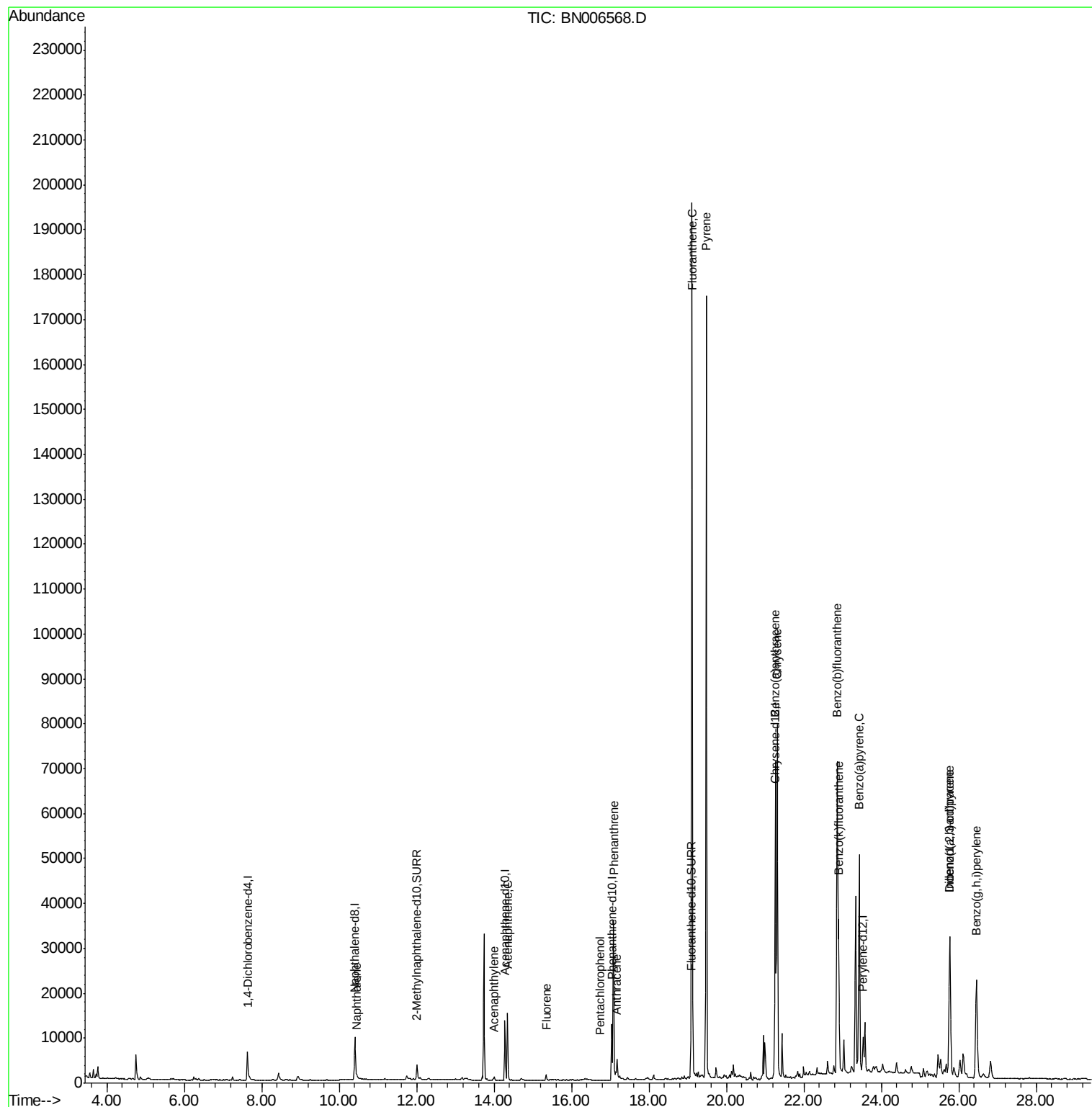
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
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ALS Vial : 45 Sample Multiplier: 1

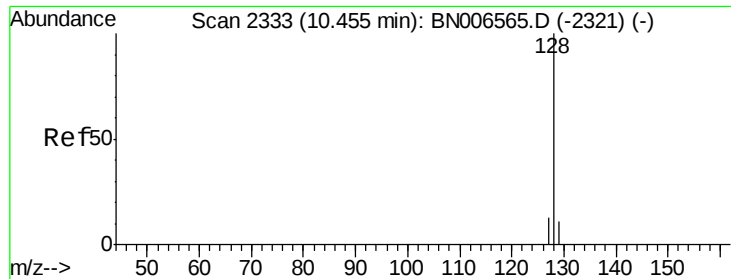
Instrument :
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Quant Time: Jun 25 13:51:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

Naphthalene

Concen: 0.024 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. 0.00 min

Lab File: BN006568.D

Acq: 25 Jun 2019 13:15

Instrument :

BNA_N

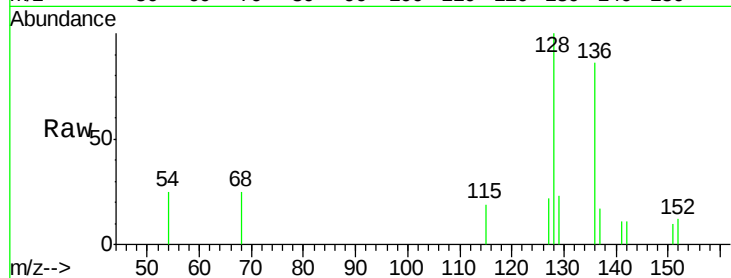
ClientSampleId :

A4202MSD

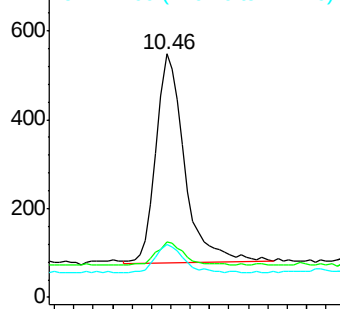
Tgt Ion:	128	Resp:	978
Ion Ratio	Lower	Upper	
128	100		
129	22.6	9.3	13.9#
127	21.9	10.7	16.1#

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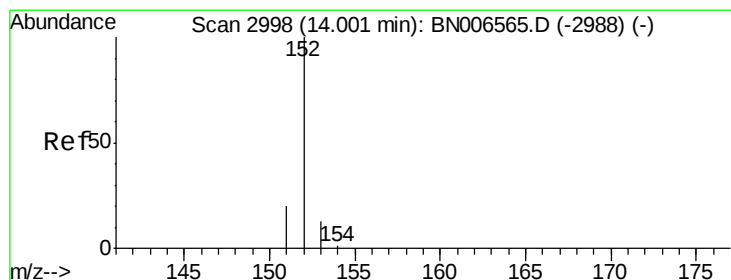
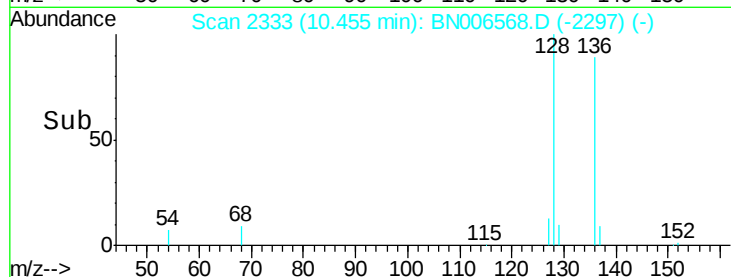
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->



#7

Acenaphthylene

Concen: 0.026 ng/ul

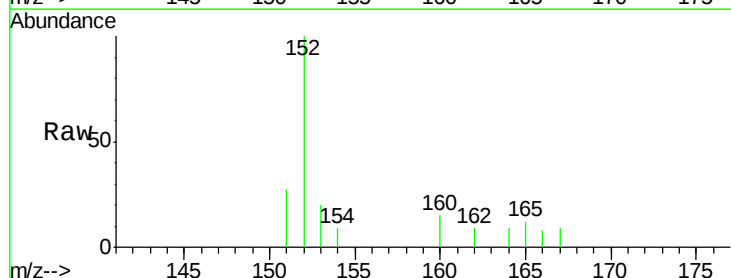
RT: 14.00 min Scan# 2998

Delta R.T. 0.00 min

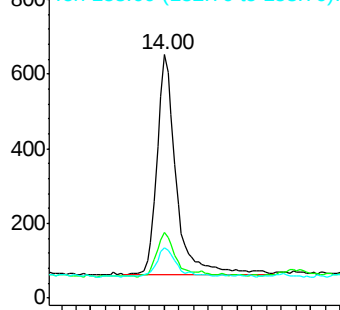
Lab File: BN006568.D

Acq: 25 Jun 2019 13:15

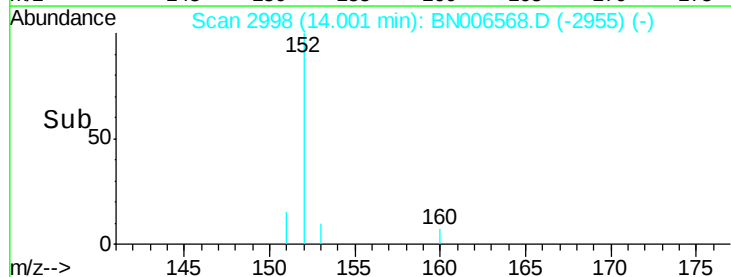
Tgt Ion:	152	Resp:	1078
Ion Ratio	Lower	Upper	
152	100		
151	27.1	15.8	23.8#
153	20.4	10.8	16.2#

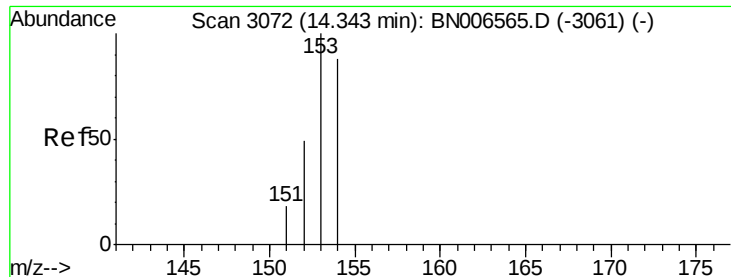


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time-->





#8

Acenaphthene

Concen: 0.286 ng/ul

RT: 14.34 min Scan# 3072

Delta R.T. 0.00 min

Lab File: BN006568.D

Acq: 25 Jun 2019 13:15

Instrument :

BNA_N

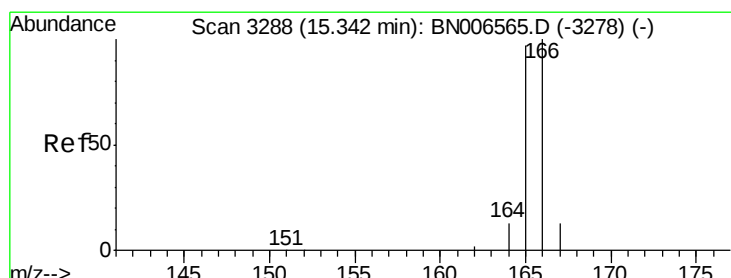
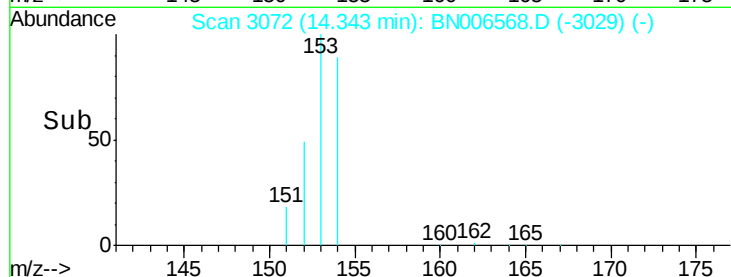
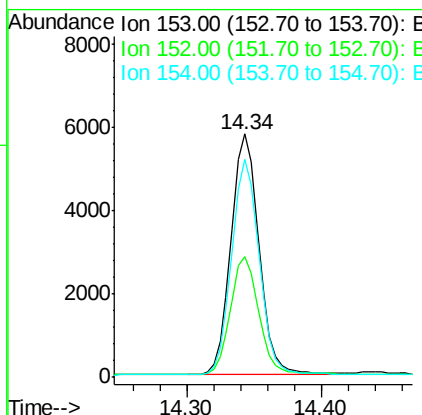
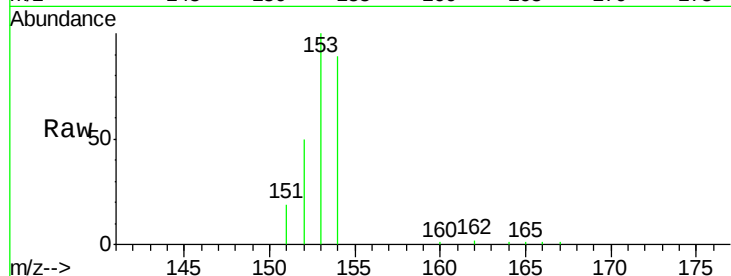
ClientSampleId :

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Tgt Ion:	153	Resp:	8370
Ion Ratio	Lower	Upper	
153	100		
152	49.5	39.1	58.7
154	89.3	71.1	106.7

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#9

Fluorene

Concen: 0.029 ng/ul

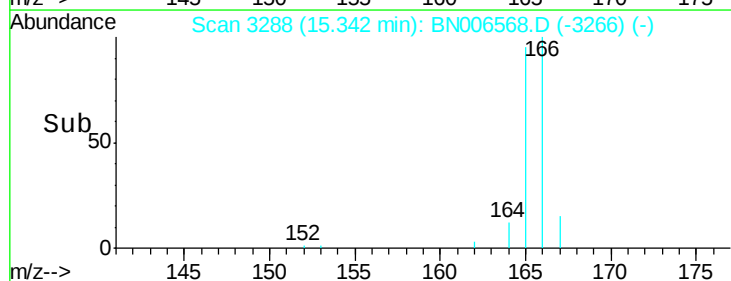
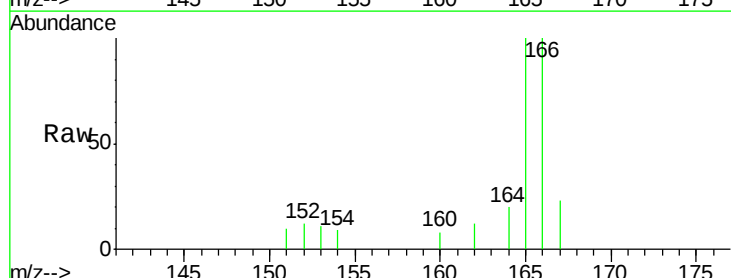
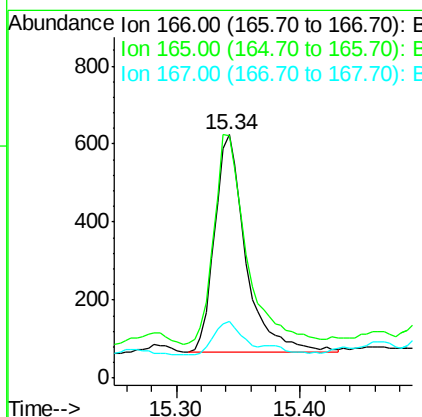
RT: 15.34 min Scan# 3288

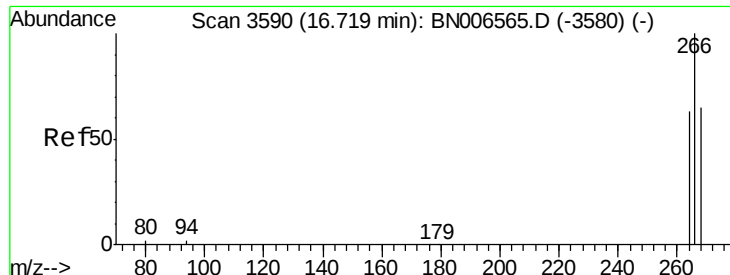
Delta R.T. 0.00 min

Lab File: BN006568.D

Acq: 25 Jun 2019 13:15

Tgt Ion:	166	Resp:	980
Ion Ratio	Lower	Upper	
166	100		
165	99.5	76.4	114.6
167	23.2	11.0	16.6#





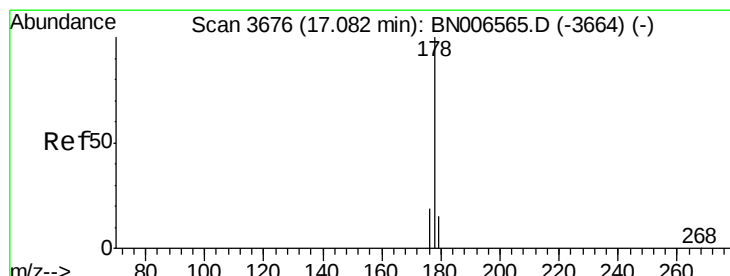
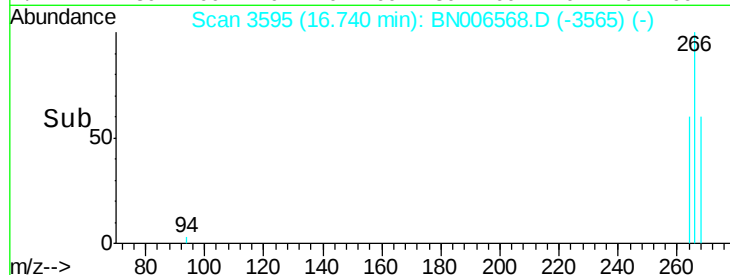
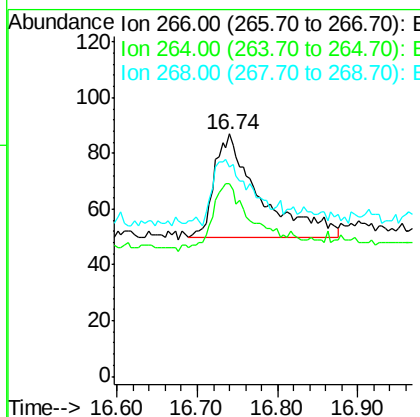
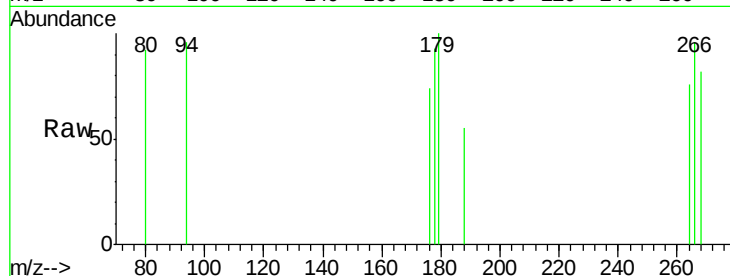
#11
 Pentachlorophenol
 Concen: 0.038 ng/ul
 RT: 16.74 min Scan# 3595
 Delta R.T. 0.03 min
 Lab File: BN006568.D
 Acq: 25 Jun 2019 13:15

Instrument :
 BNA_N
 ClientSampleId :
 A4202MSD

Tgt Ion:	266	Resp:	144
Ion Ratio	Lower	Upper	
266	100		
264	63.2	50.3	75.5
268	53.5	51.3	76.9

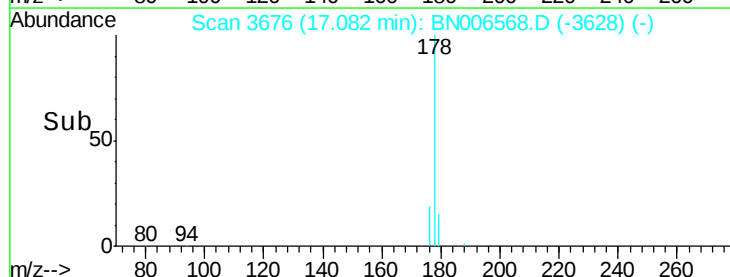
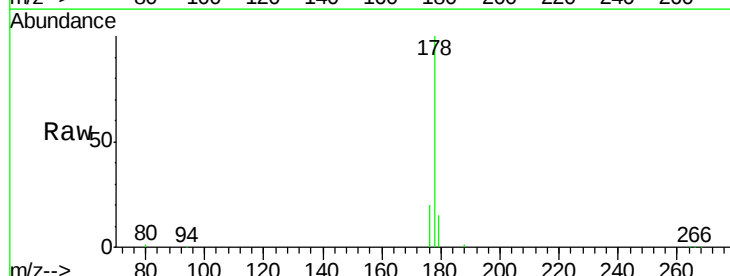
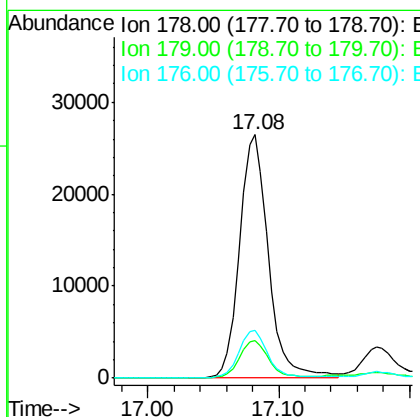
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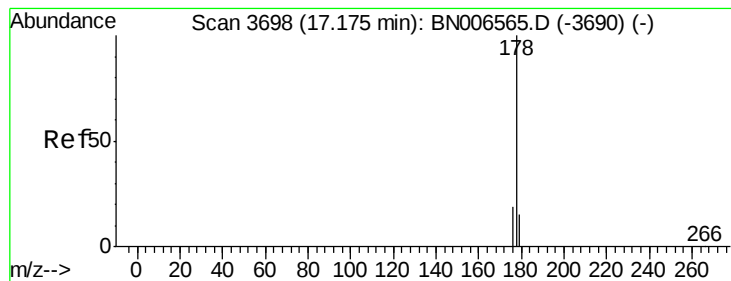
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#12
 Phenanthrene
 Concen: 0.829 ng/ul
 RT: 17.08 min Scan# 3676
 Delta R.T. 0.00 min
 Lab File: BN006568.D
 Acq: 25 Jun 2019 13:15

Tgt Ion:	178	Resp:	39965
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.3	18.5
176	19.5	15.3	22.9





#13

Anthracene

Concen: 0.104 ng/ul

RT: 17.17 min Scan# 3698

Delta R.T. 0.00 min

Lab File: BN006568.D

Acq: 25 Jun 2019 13:15

Instrument :

BNA_N

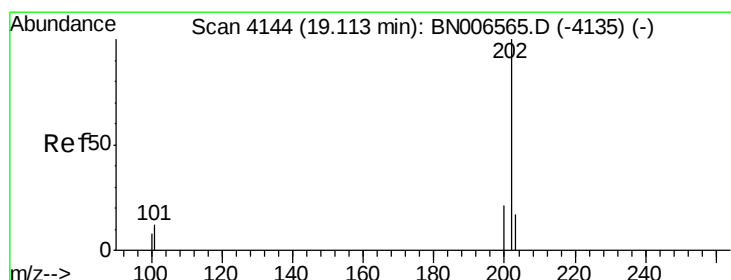
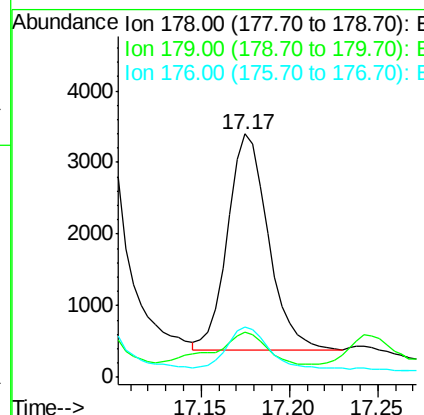
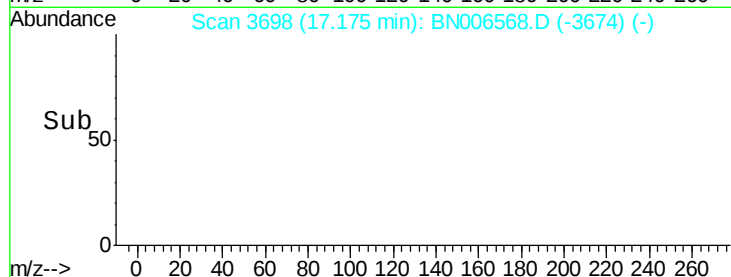
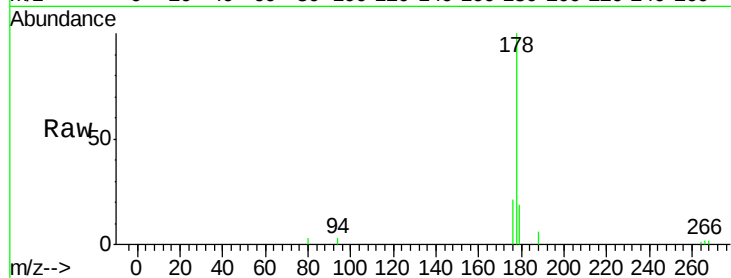
ClientSampleId :

A4202MSD

Tgt Ion:	178	Resp:	4784
Ion Ratio	Lower	Upper	
178	100		
179	18.7	12.2	18.4#
176	20.9	15.1	22.7

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#15

Fluoranthene

Concen: 3.087 ng/ul

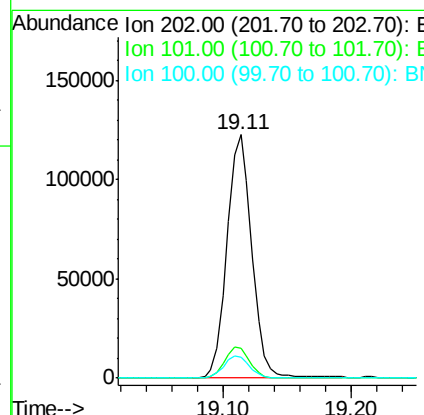
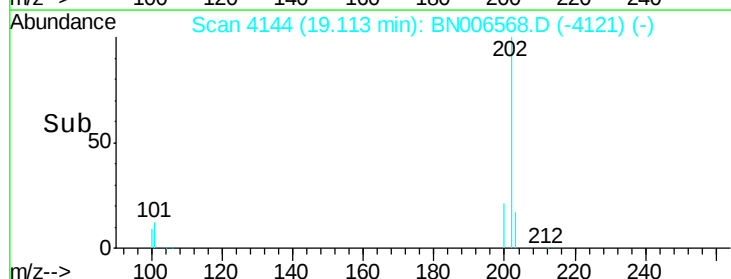
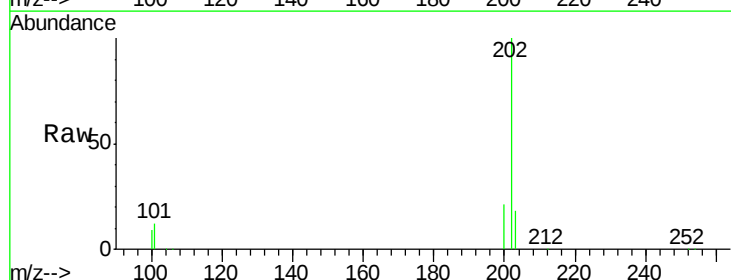
RT: 19.11 min Scan# 4144

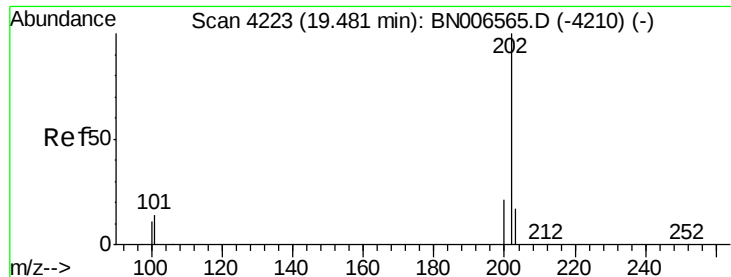
Delta R.T. 0.00 min

Lab File: BN006568.D

Acq: 25 Jun 2019 13:15

Tgt Ion:	202	Resp:	164226
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	32.1
100	8.8	0.0	28.7





#17

Pyrene

Concen: 2.941 ng/ul

RT: 19.48 min Scan# 4223

Delta R.T. 0.00 min

Lab File: BN006568.D

Acq: 25 Jun 2019 13:15

Instrument :

BNA_N

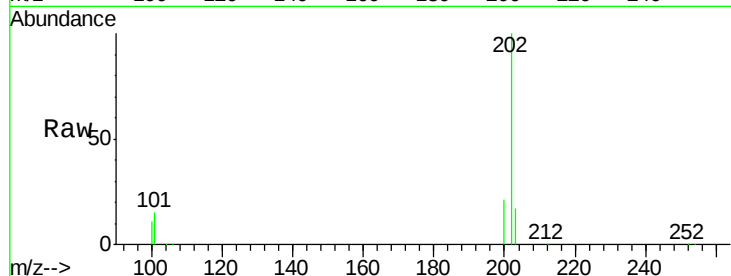
ClientSampleId :

A4202MSD

Tgt Ion:	202	Resp:	146794
Ion Ratio	Lower	Upper	
202	100		
101	14.5	12.2	18.2
100	11.2	9.8	14.6

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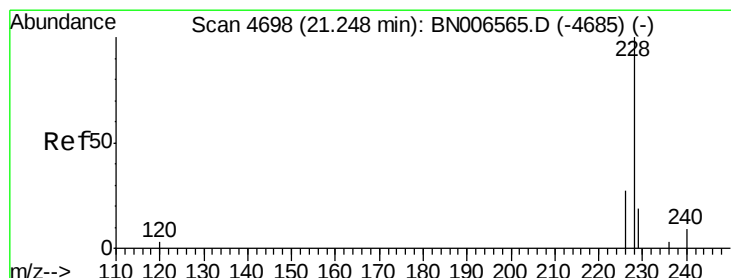
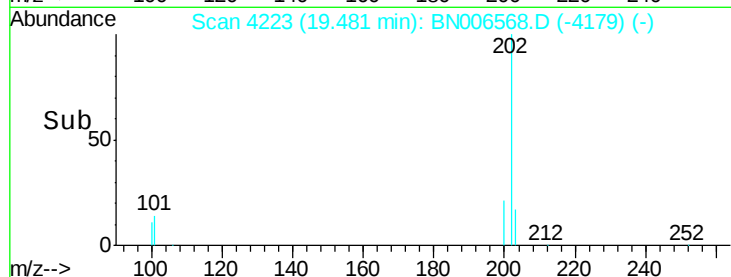
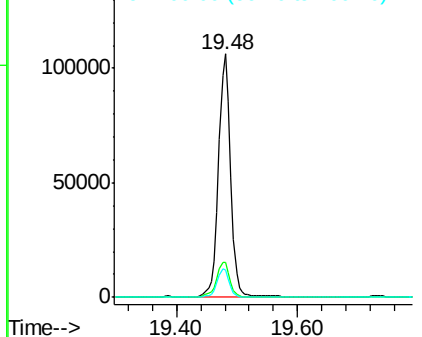
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 1.445 ng/ul

RT: 21.26 min Scan# 4702

Delta R.T. 0.02 min

Lab File: BN006568.D

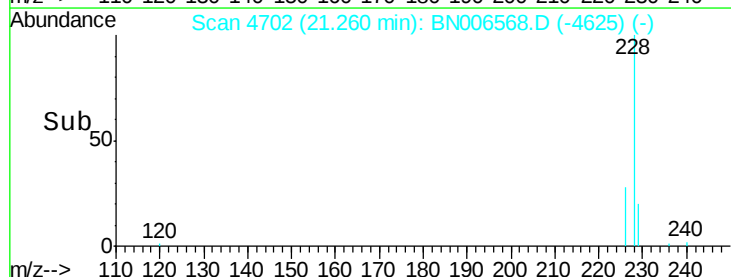
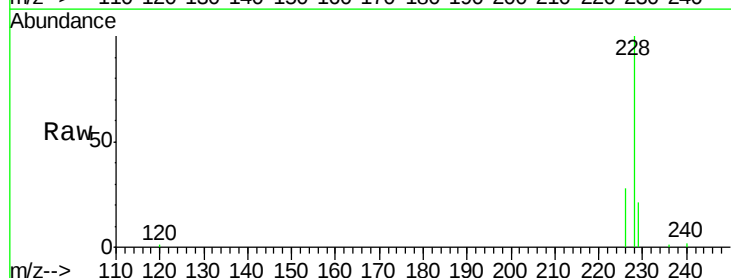
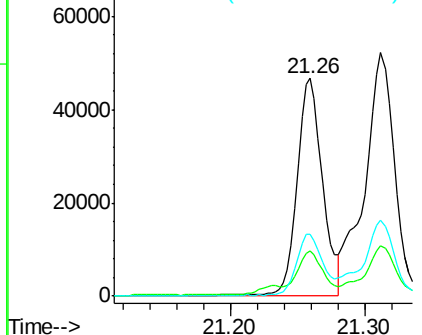
Acq: 25 Jun 2019 13:15

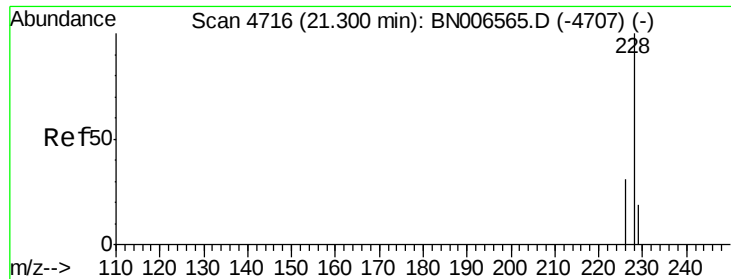
Tgt Ion:	228	Resp:	60578
Ion Ratio	Lower	Upper	
228	100		
229	20.5	16.5	24.7
226	28.5	22.8	34.2

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: 2.056 ng/ul

RT: 21.31 min Scan# 4720

Delta R.T. 0.02 min

Lab File: BN006568.D

Acq: 25 Jun 2019 13:15

Instrument :

BNA_N

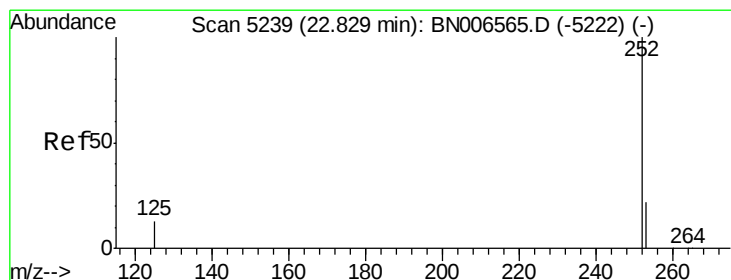
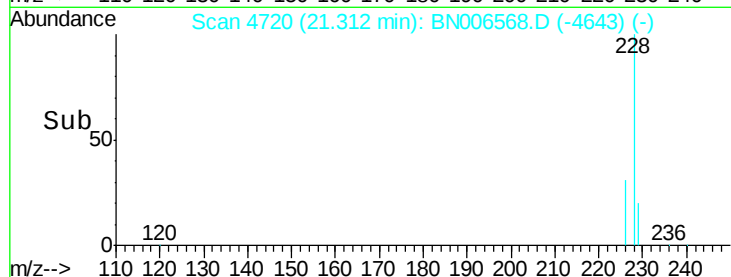
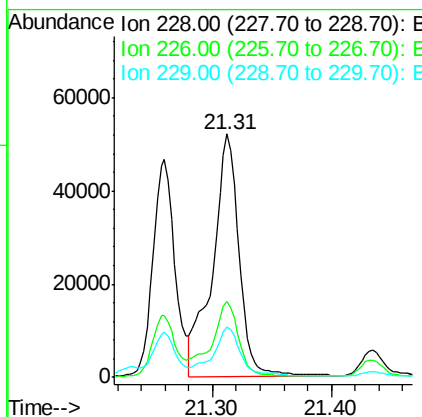
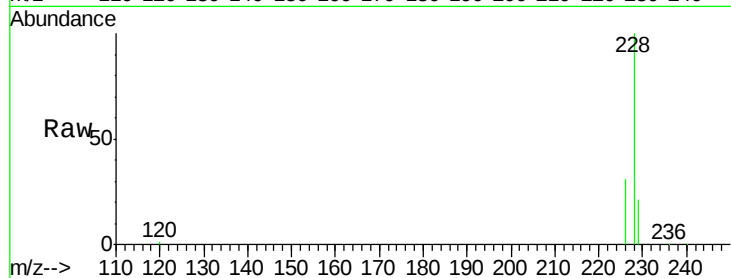
ClientSampleId :

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Tgt Ion:	228	Resp:	80901
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.0	37.6
229	20.5	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 2.565 ng/ul m

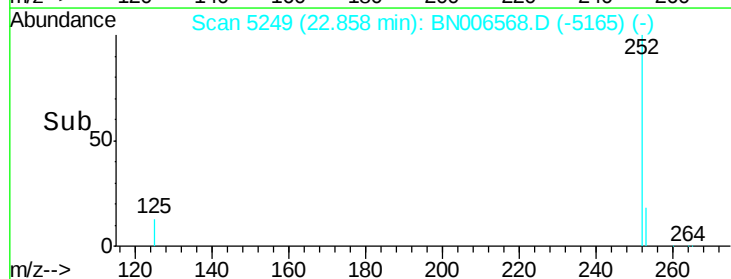
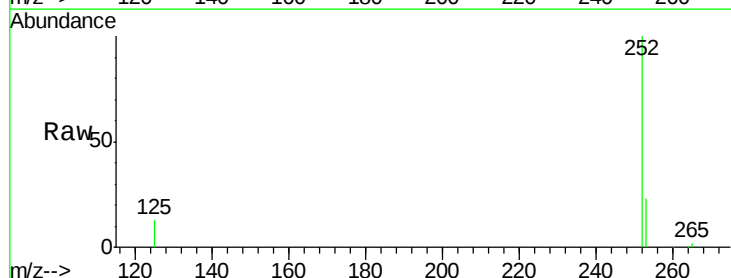
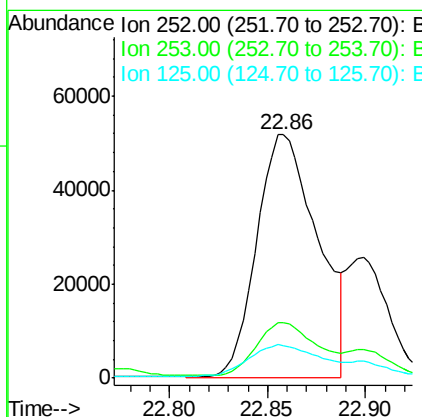
RT: 22.86 min Scan# 5249

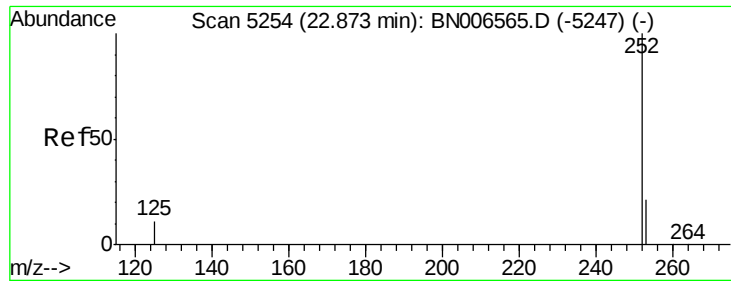
Delta R.T. 0.05 min

Lab File: BN006568.D

Acq: 25 Jun 2019 13:15

Tgt Ion:	252	Resp:	112023
Ion Ratio	Lower	Upper	
252	100		
253	22.7	0.0	51.4
125	13.5	0.0	41.0





#22

Benzo(k)fluoranthene

Concen: 0.938 ng/ul m

RT: 22.90 min Scan# 5263

Delta R.T. 0.04 min

Lab File: BN006568.D

Acq: 25 Jun 2019 13:15

Instrument :

BNA_N

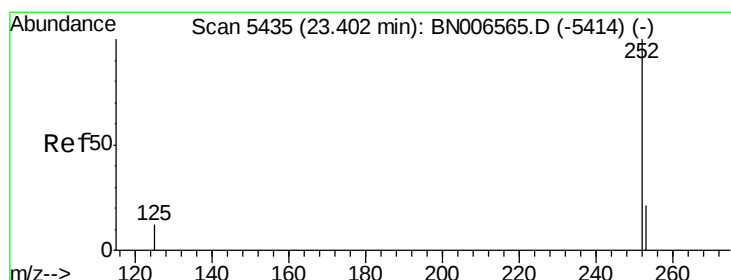
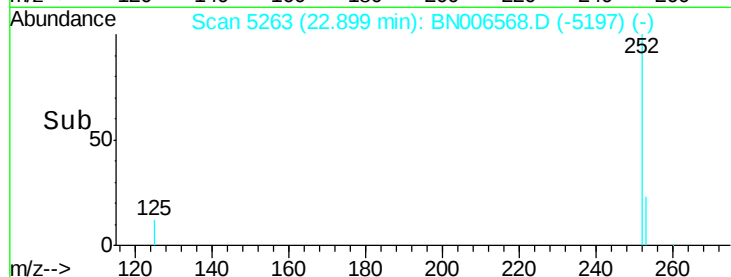
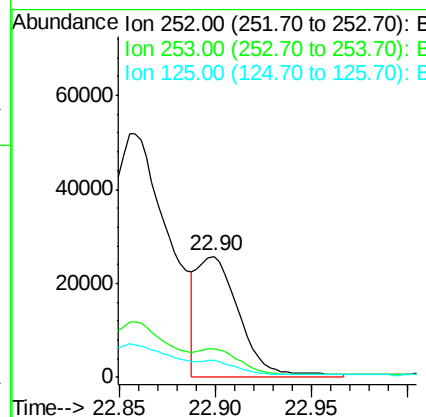
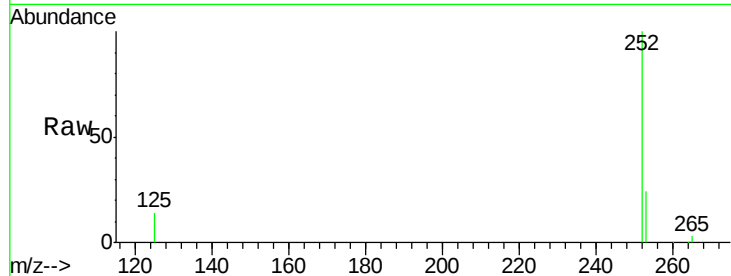
ClientSampleId :

A4202MSD

Tgt Ion:	252	Resp:	39912
Ion Ratio	Lower	Upper	
252	100		
253	24.0	20.3	30.5
125	13.7	14.3	21.5#

Manual Integrations
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#23

Benzo(a)pyrene

Concen: 1.600 ng/ul

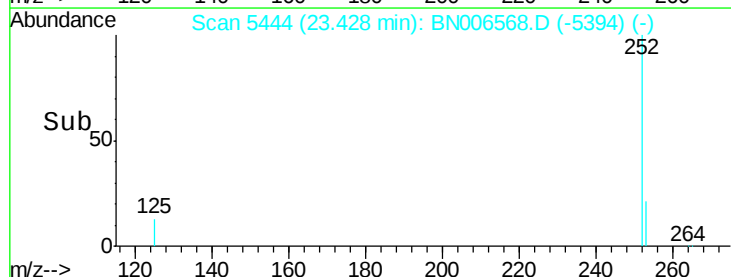
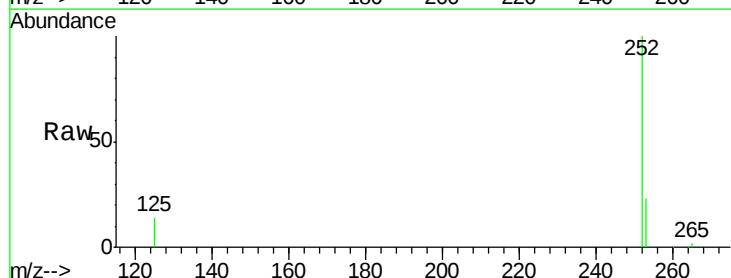
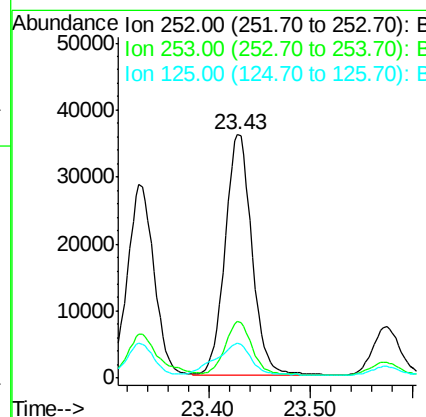
RT: 23.43 min Scan# 5444

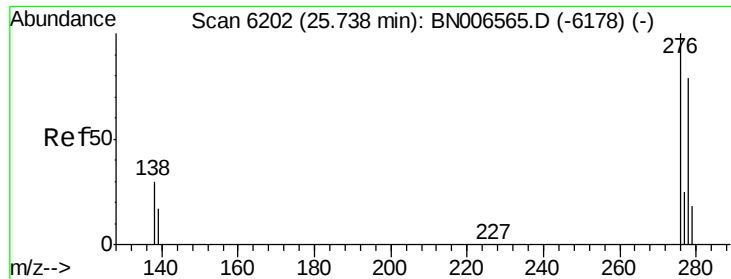
Delta R.T. 0.05 min

Lab File: BN006568.D

Acq: 25 Jun 2019 13:15

Tgt Ion:	252	Resp:	65095
Ion Ratio	Lower	Upper	
252	100		
253	23.1	21.1	31.7
125	14.1	20.3	30.5#





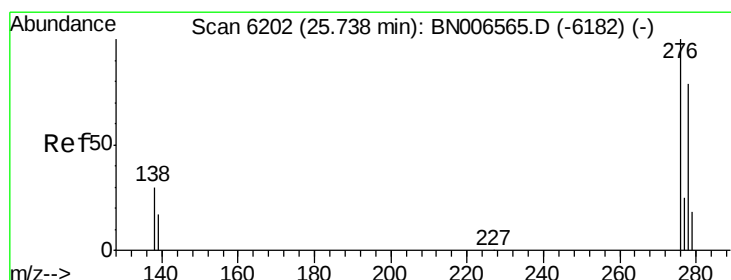
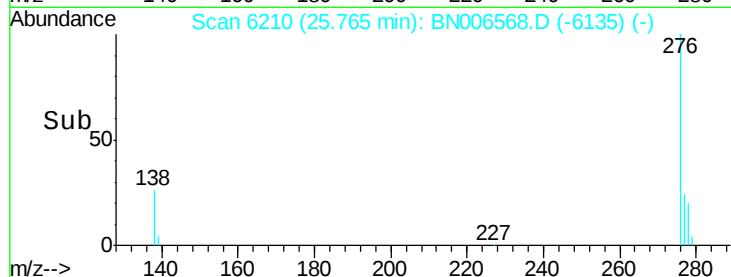
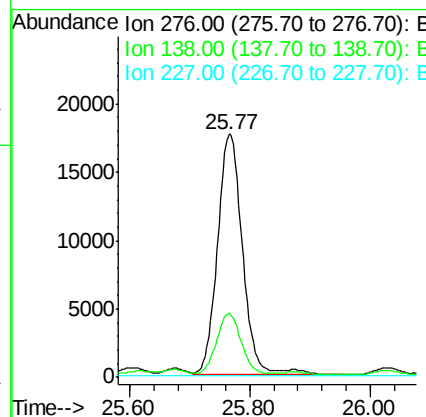
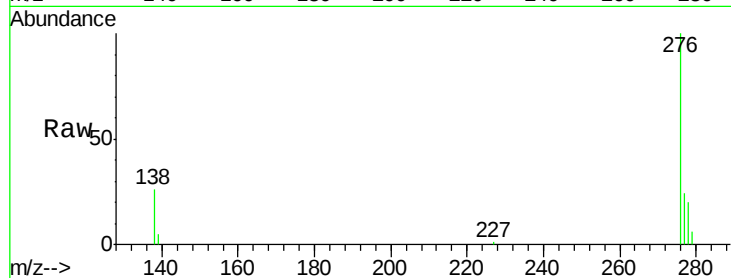
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.158 ng/u1
RT: 25.77 min Scan# 6210
Delta R.T. 0.05 min
Lab File: BN006568.D
Acq: 25 Jun 2019 13:15

Instrument :
BNA_N
ClientSampleId :
A4202MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	25.6	38.4#
227	0.2	0.3	0.5#

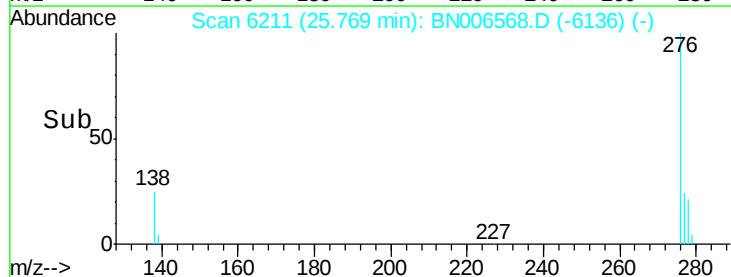
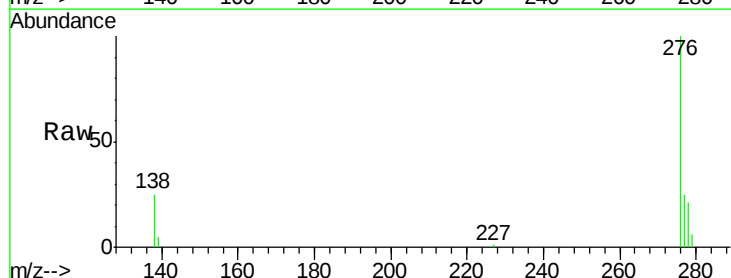
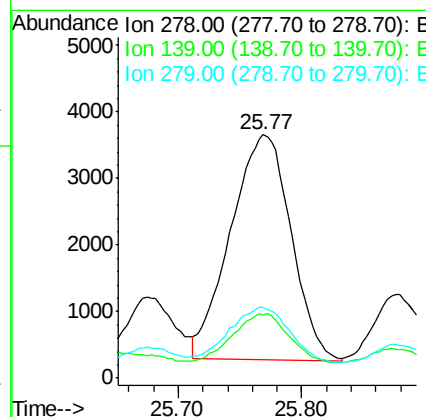
Manual Integrations
APPROVED

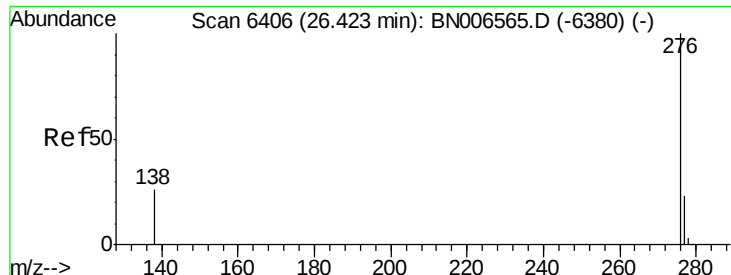
mohammad
6/25/2019 10:22:01 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.327 ng/u1
RT: 25.77 min Scan# 6211
Delta R.T. 0.05 min
Lab File: BN006568.D
Acq: 25 Jun 2019 13:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.9	21.2	31.8
279	29.2	22.6	33.8





#26

Benzo(g,h,i)perylene

Concen: 1.181 ng/ul

RT: 26.45 min Scan# 6415

Delta R.T. 0.06 min

Lab File: BN006568.D

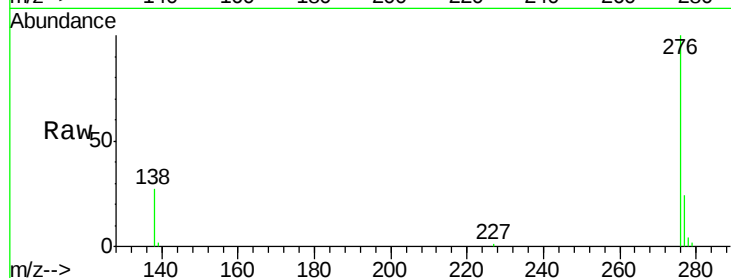
Acq: 25 Jun 2019 13:15

Instrument :

BNA_N

ClientSampleId :

A4202MSD



Tgt Ion:	276	Resp:	43545
Ion Ratio	Lower	Upper	
276	100		
138	27.0	24.2	36.4
277	24.5	21.5	32.3

Manual Integrations
APPROVED

mohammad
6/25/2019 10:22:01 PM

