

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
 Data File : BN006575.D
 Acq On : 25 Jun 2019 17:59
 Operator : HP/JU
 Sample : K3362-15DL 2X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 A4206DL

Manual Integrations
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Quant Time: Jun 25 18:38:15 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	5302	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	19460	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	9207	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	16851	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	9871	0.40	ng/ul	0.01
20) Perylene-d12	23.50	264	13226	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	3954	0.13	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	5804	0.13	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.46	128	1838	0.034	ng/ul#	87
7) Acenaphthylene	14.00	152	12289	0.240	ng/ul	98
8) Acenaphthene	14.34	153	1011	0.028	ng/ul	96
9) Fluorene	15.34	166	1747	0.042	ng/ul#	94
12) Phenanthrene	17.08	178	25846	0.478	ng/ul	99
13) Anthracene	17.17	178	9877	0.191	ng/ul	97
15) Fluoranthene	19.11	202	51593	0.864	ng/ul	97
17) Pyrene	19.48	202	49557	0.953	ng/ul	99
18) Benzo(a)anthracene	21.24	228	21626	0.495	ng/ul	97
19) Chrysene	21.30	228	25812	0.630	ng/ul	98
21) Benzo(b)fluoranthene	22.83	252	44068m	0.799	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	17476m	0.325	ng/ul	
23) Benzo(a)pyrene	23.40	252	31767	0.618	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.73	276	27929	0.502	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.73	278	6282	0.141	ng/ul	96
26) Benzo(a,h,i)perylene	26.42	276	25000	0.537	ng/ul	96

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

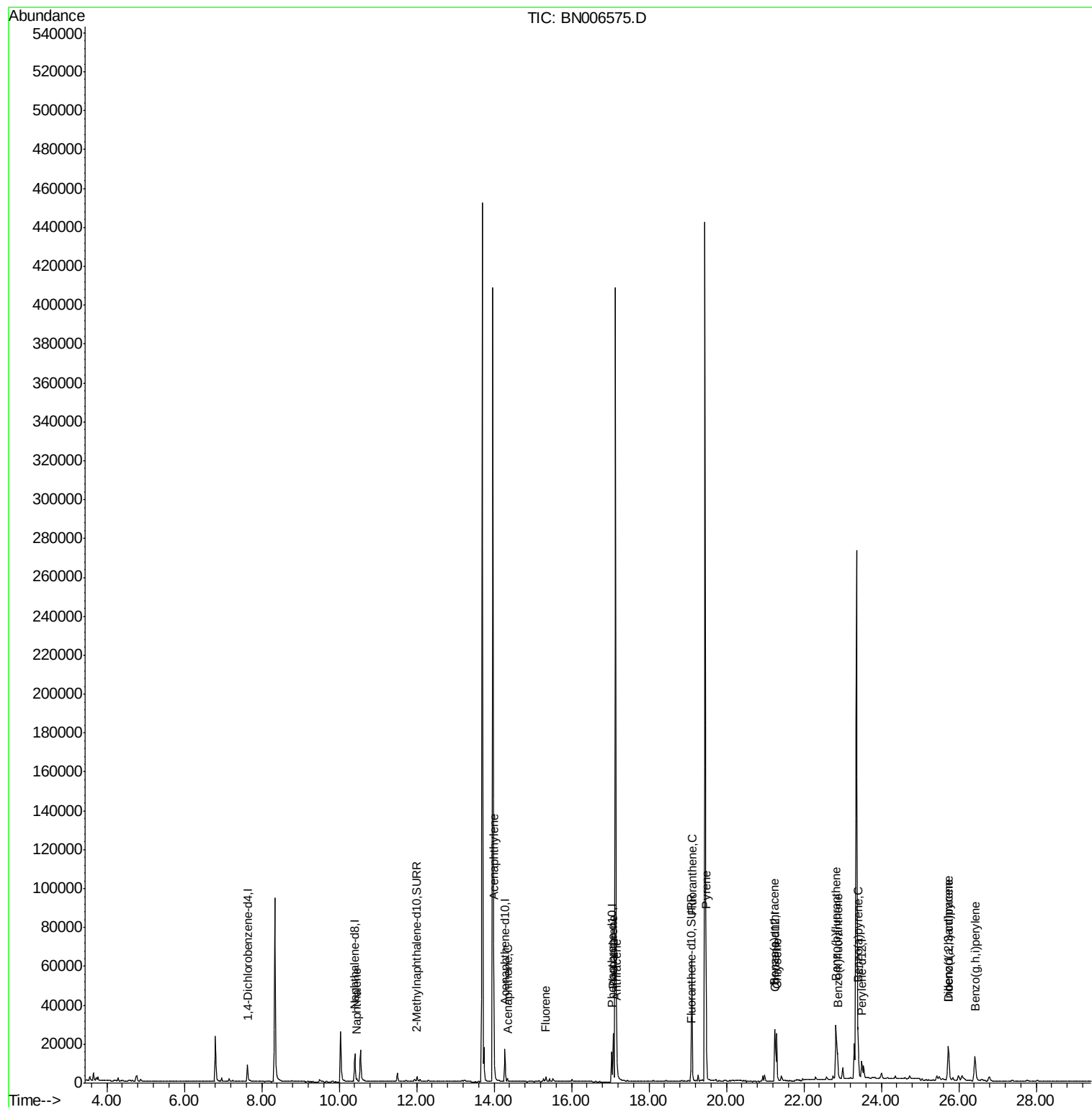
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
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ALS Vial : 52 Sample Multiplier: 1

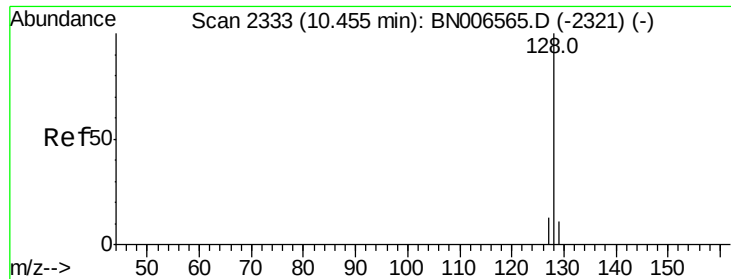
Instrument :
BNA_N
ClientSampleId :
A4206DL

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Quant Time: Jun 25 18:38:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
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QLast Update : Tue Jun 25 07:15:41 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.034 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. 0.00 min

Lab File: BN006575.D

Acq: 25 Jun 2019 17:59

Instrument :

BNA_N

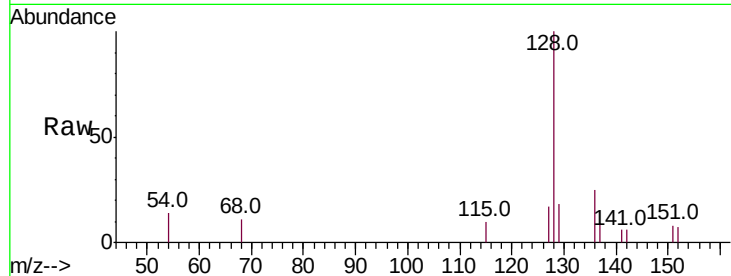
ClientSampleID :

A4206DL

Tot Ion:	128	Resp:	1838
Ion	Ratio	Lower	Upper
128	100		
129	18.2	9.3	13.9#
127	17.5	10.7	16.1#

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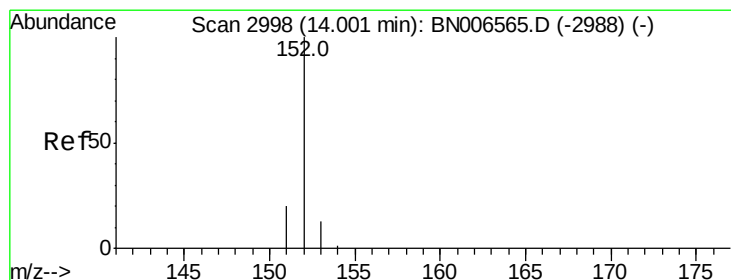
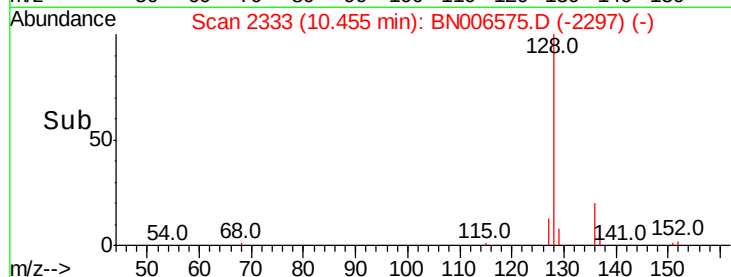
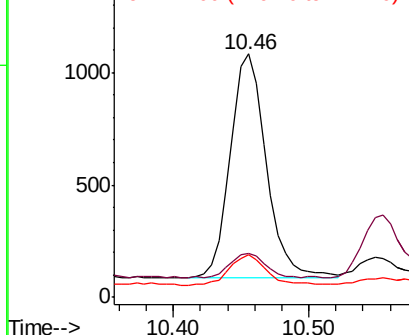


Abundance

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



#7

Acenaphthylene

Concen: 0.240 ng/ul

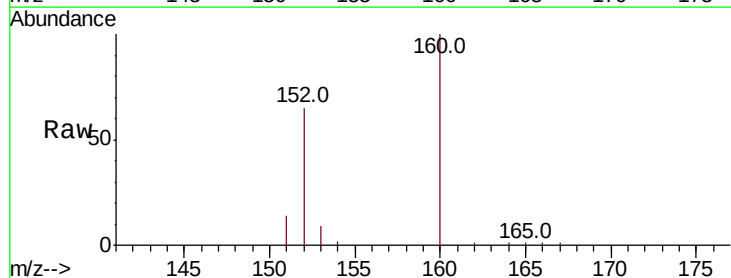
RT: 14.00 min Scan# 2997

Delta R.T. -0.00 min

Lab File: BN006575.D

Acq: 25 Jun 2019 17:59

Tgt Ion:	152	Resp:	12289
Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.8	23.8
153	13.8	10.8	16.2

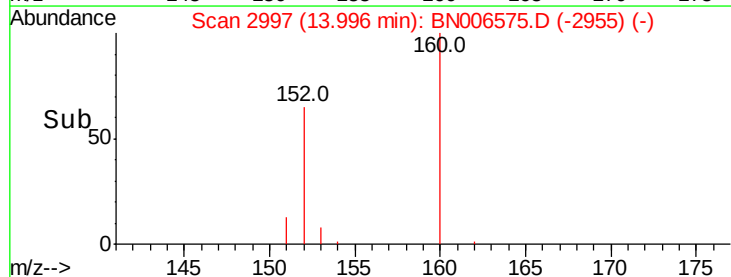
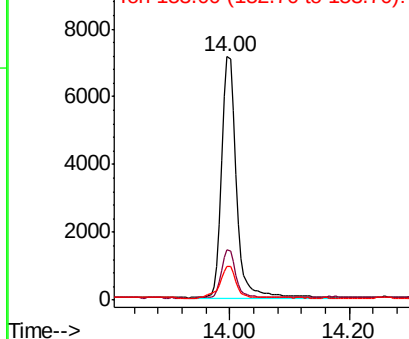


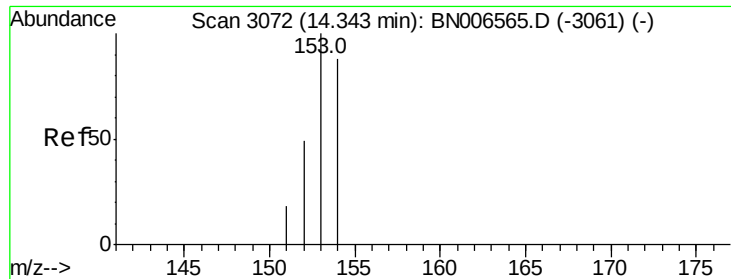
Abundance

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





#8

Acenaphthene

Concen: 0.028 ng/ul

RT: 14.34 min Scan# 3072

Delta R.T. 0.00 min

Lab File: BN006575.D

Acq: 25 Jun 2019 17:59

Instrument :

BNA_N

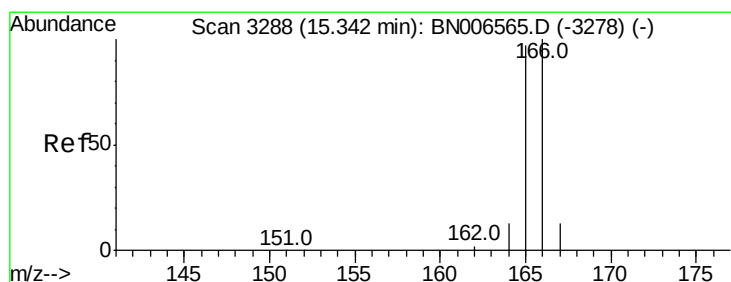
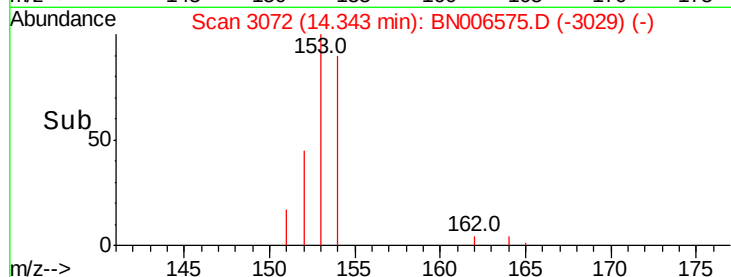
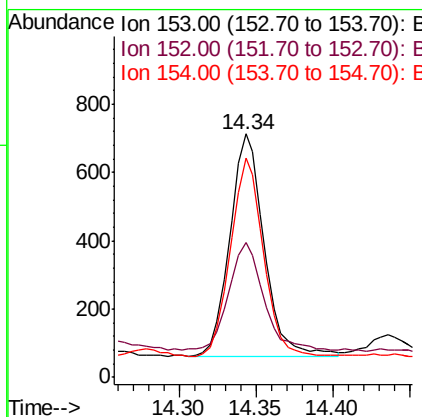
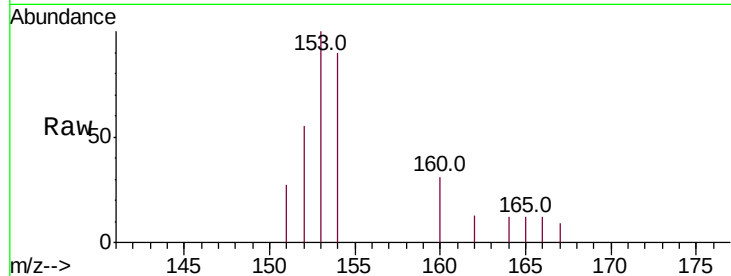
ClientSampled :

A4206DL

Tot Ion:	153	Resp:	1011
Ion Ratio	Lower	Upper	
153	100		
152	55.3	39.1	58.7
154	90.3	71.1	106.7

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#9

Fluorene

Concen: 0.042 ng/ul

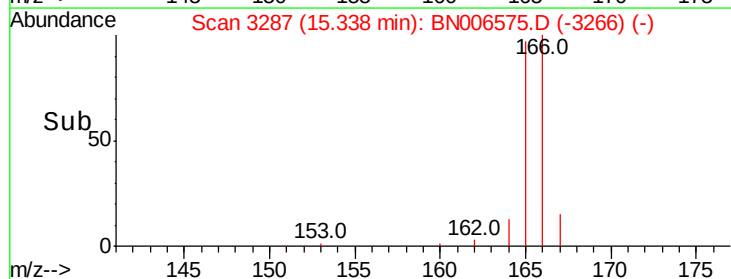
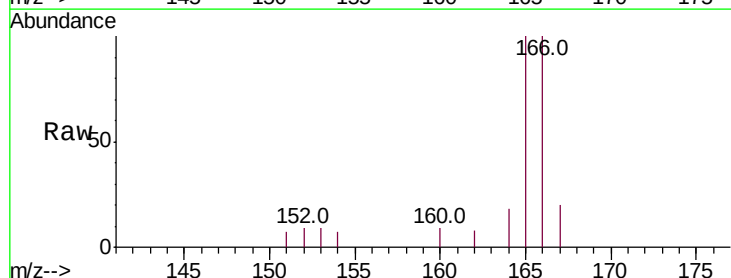
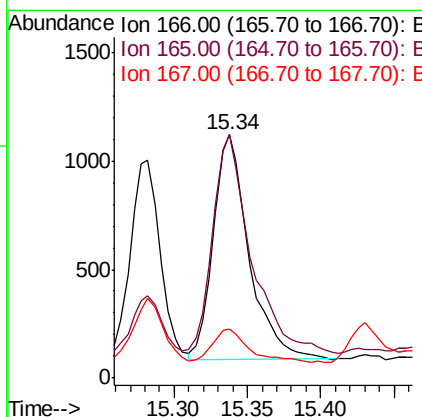
RT: 15.34 min Scan# 3287

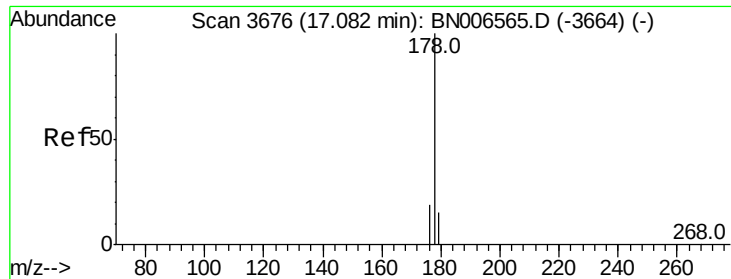
Delta R.T. -0.00 min

Lab File: BN006575.D

Acq: 25 Jun 2019 17:59

Tgt Ion:	166	Resp:	1747
Ion Ratio	Lower	Upper	
166	100		
165	100.1	76.4	114.6
167	20.2	11.0	16.6#





#12

Phenanthrene

Concen: 0.478 ng/ul

RT: 17.08 min Scan# 3675

Delta R.T. 0.00 min

Lab File: BN006575.D

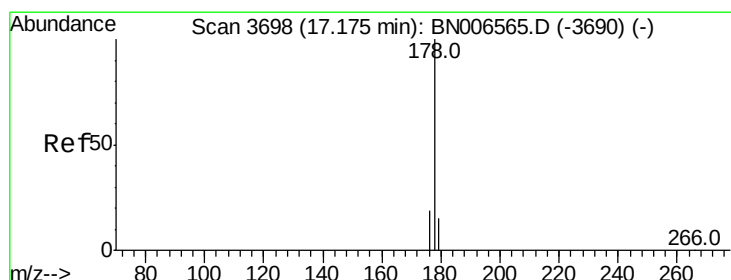
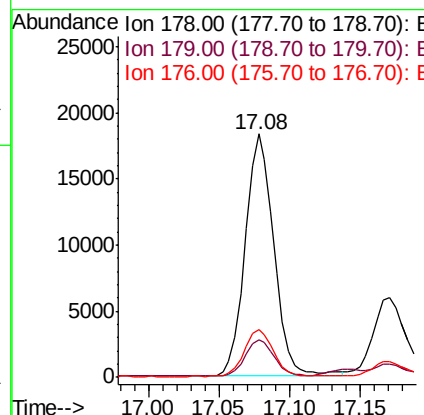
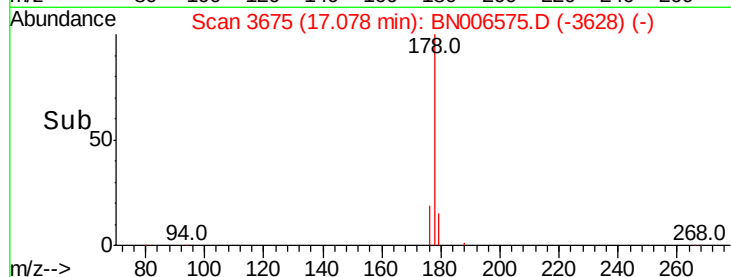
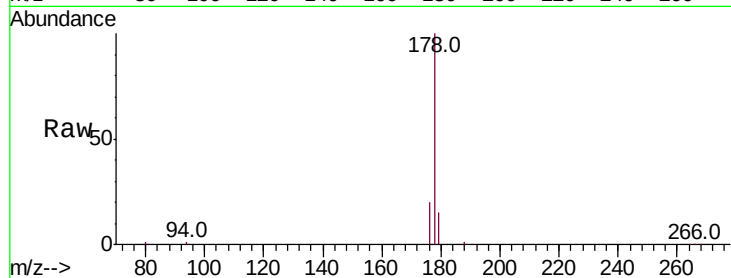
Acq: 25 Jun 2019 17:59

Instrument :
BNA_N
ClientSampleID :
A4206DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.8	15.3	22.9

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#13

Anthracene

Concen: 0.191 ng/ul

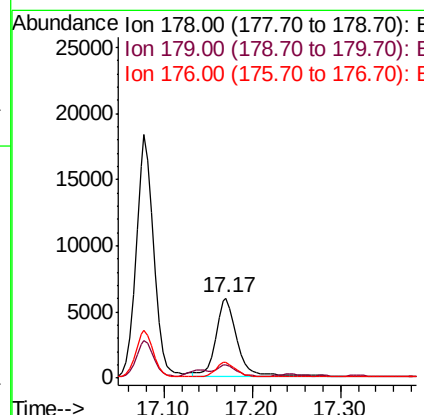
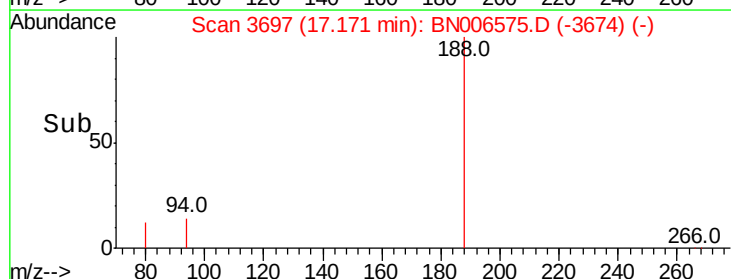
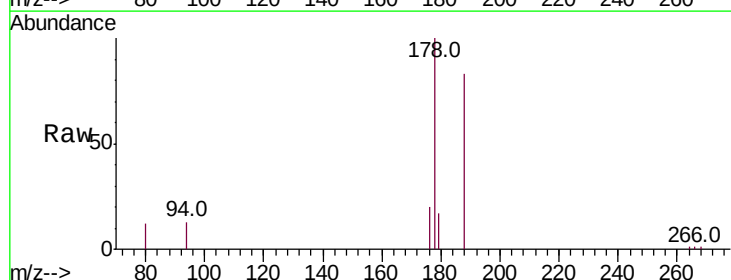
RT: 17.17 min Scan# 3697

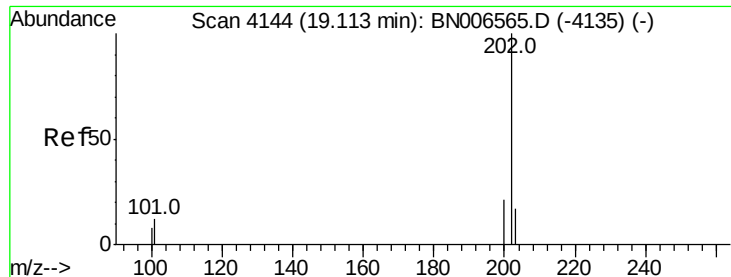
Delta R.T. -0.00 min

Lab File: BN006575.D

Acq: 25 Jun 2019 17:59

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.2	18.4
176	20.1	15.1	22.7





#15

Fluoranthene

Concen: 0.864 ng/ul

RT: 19.11 min Scan# 4143

Delta R.T. 0.00 min

Lab File: BN006575.D

Acq: 25 Jun 2019 17:59

Instrument :

BNA_N

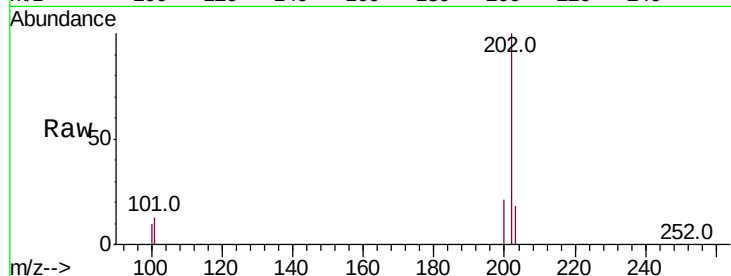
ClientSampled :

A4206DL

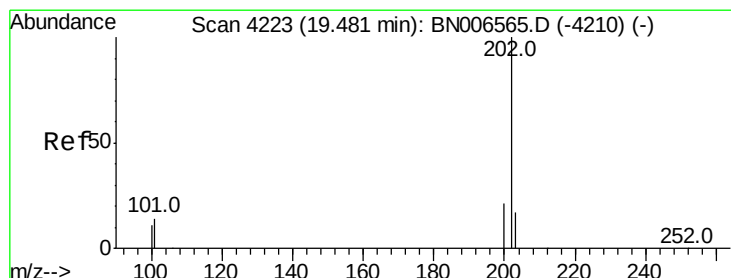
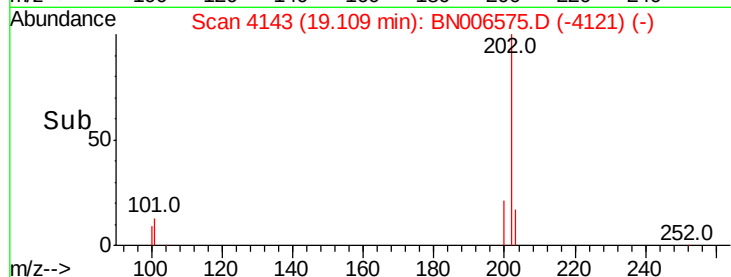
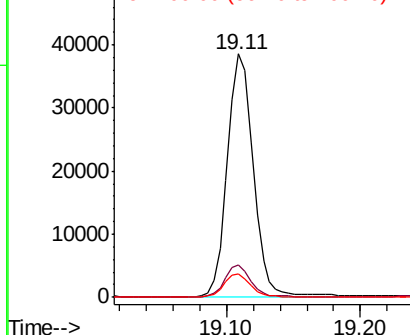
Tot Ion:	202	Resp:	51593
Ion Ratio	Lower	Upper	
202	100		
101	13.3	0.0	32.1
100	9.7	0.0	28.7

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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



#17

Pyrene

Concen: 0.953 ng/ul

RT: 19.48 min Scan# 4222

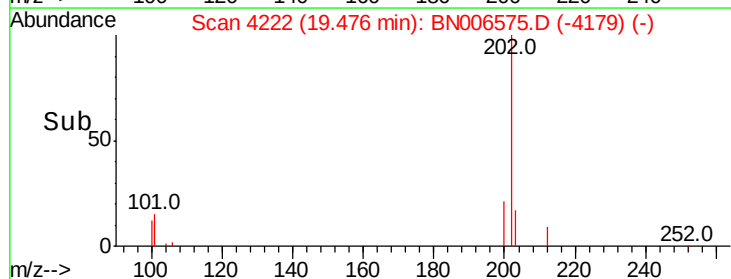
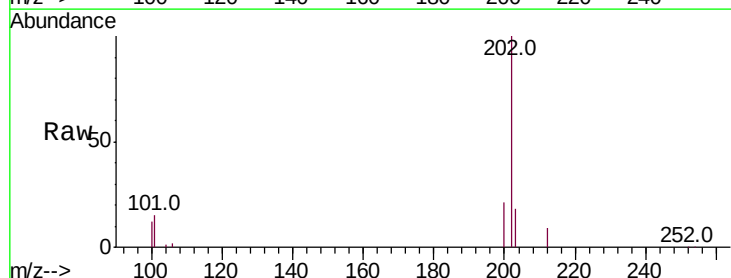
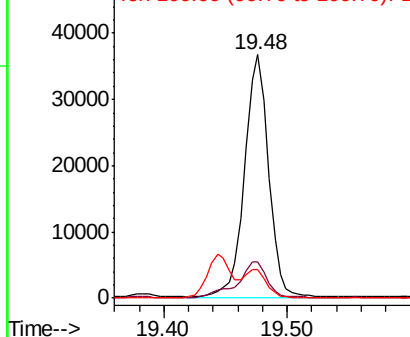
Delta R.T. 0.00 min

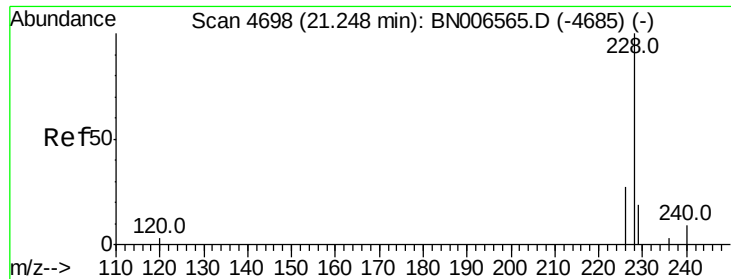
Lab File: BN006575.D

Acq: 25 Jun 2019 17:59

Tgt Ion:	202	Resp:	49557
Ion Ratio	Lower	Upper	
202	100		
101	14.8	12.2	18.2
100	11.6	9.8	14.6

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: 0.495 ng/ul

RT: 21.24 min Scan# 4697

Delta R.T. 0.01 min

Lab File: BN006575.D

Acq: 25 Jun 2019 17:59

Instrument :

BNA_N

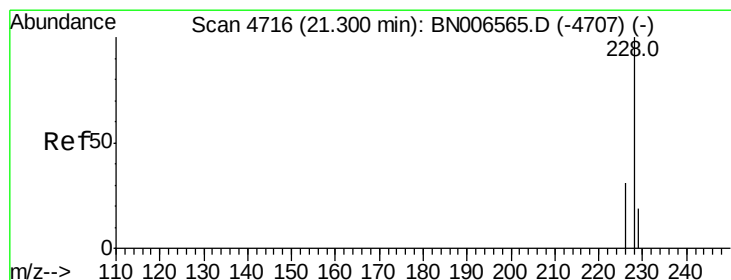
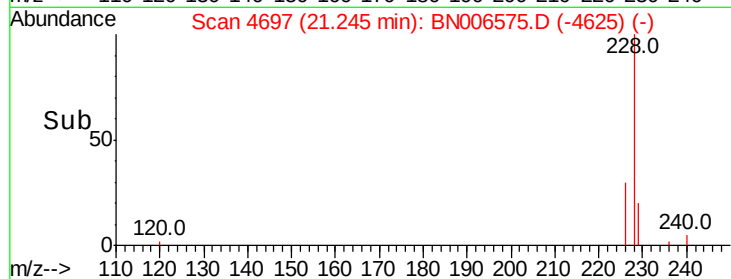
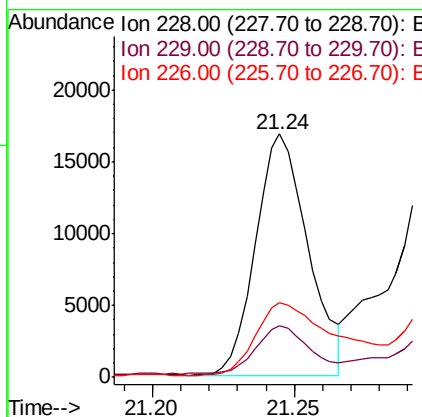
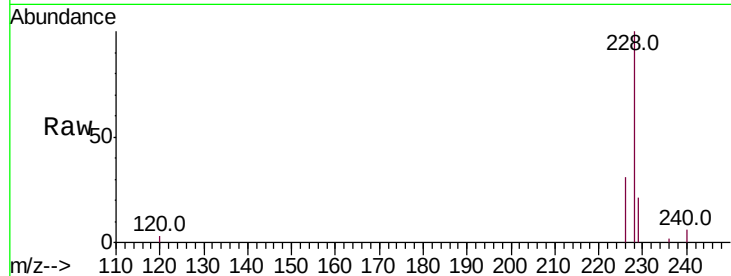
ClientSampled :

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Tot Ion:	228	Resp:	21626
Ion Ratio	Lower	Upper	
228	100		
229	21.4	16.5	24.7
226	30.6	22.8	34.2

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#19

Chrysene

Concen: 0.630 ng/ul

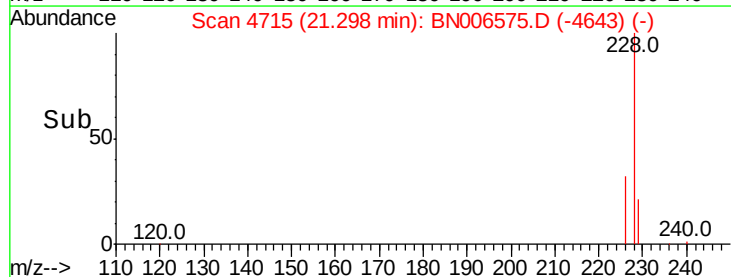
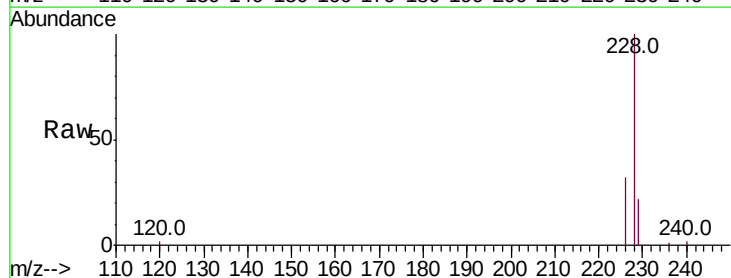
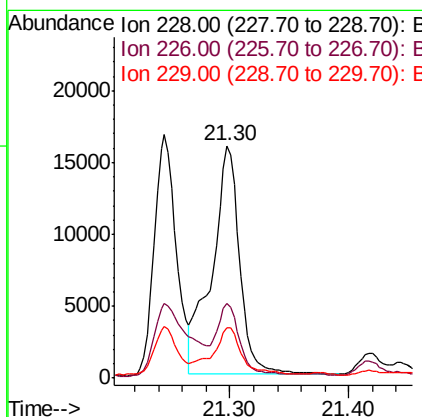
RT: 21.30 min Scan# 4715

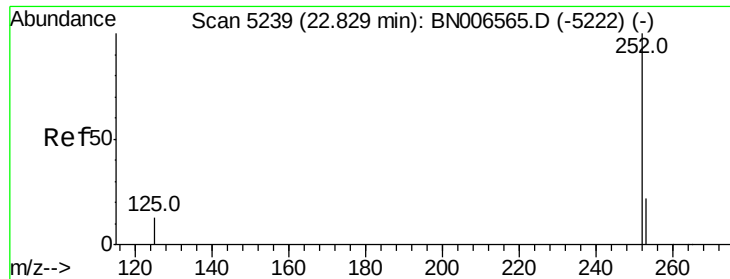
Delta R.T. 0.01 min

Lab File: BN006575.D

Acq: 25 Jun 2019 17:59

Tgt Ion:	228	Resp:	25812
Ion Ratio	Lower	Upper	
228	100		
226	32.1	25.0	37.6
229	21.7	16.3	24.5





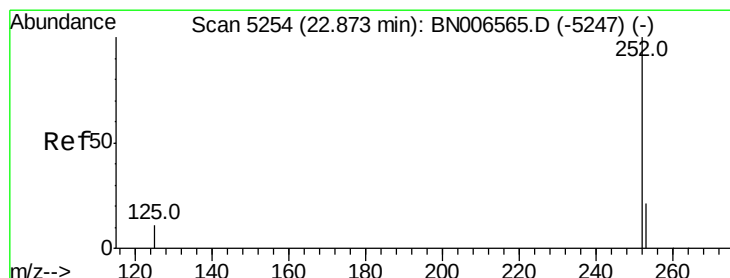
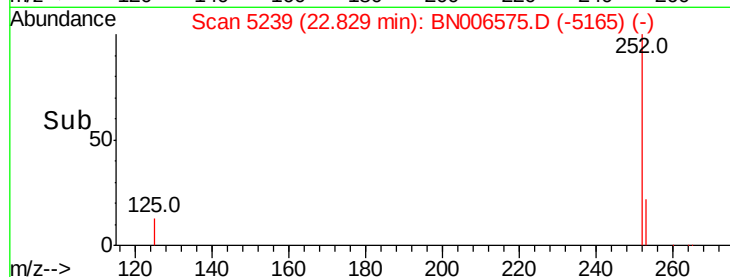
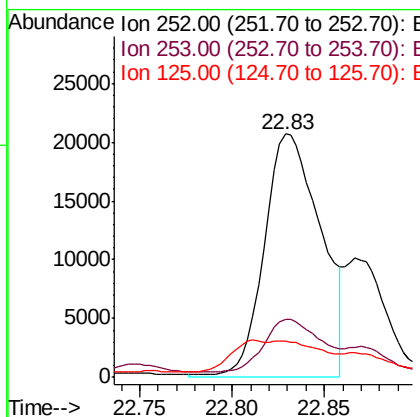
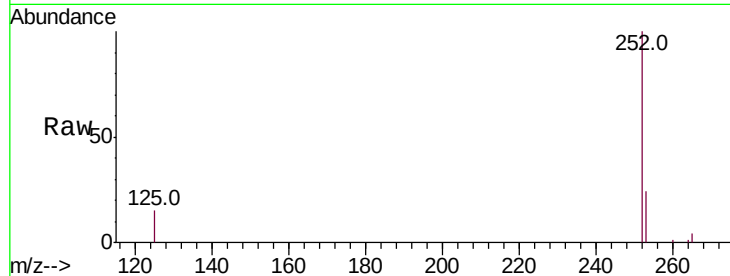
#21
Benzo(b)fluoranthene
Concen: 0.799 ng/ul m
RT: 22.83 min Scan# 5239
Delta R.T. 0.02 min
Lab File: BN006575.D
Acq: 25 Jun 2019 17:59

Instrument :
BNA_N
ClientSampled :
A4206DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	0.0	51.4
125	14.7	0.0	41.0

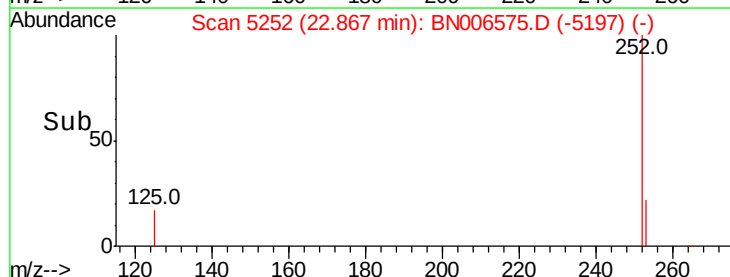
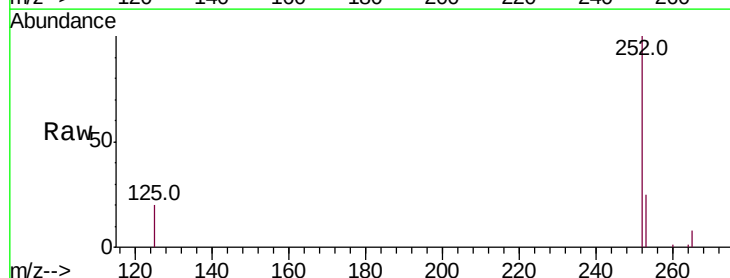
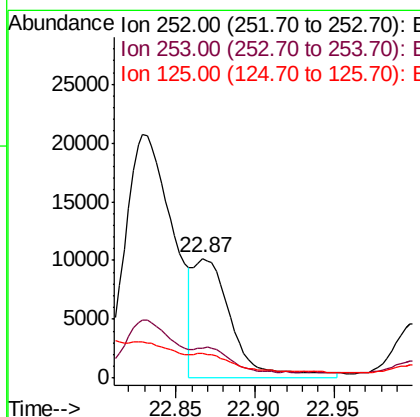
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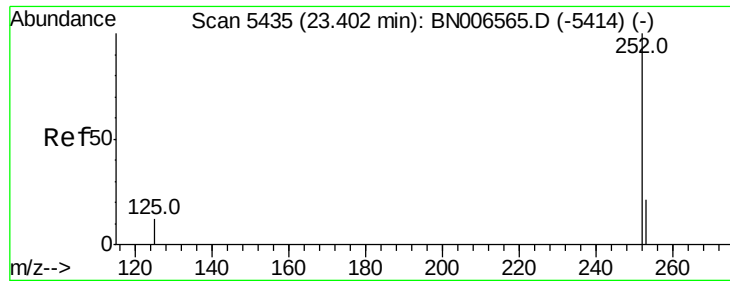
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#22
Benzo(k)fluoranthene
Concen: 0.325 ng/ul m
RT: 22.87 min Scan# 5252
Delta R.T. 0.01 min
Lab File: BN006575.D
Acq: 25 Jun 2019 17:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	20.3	30.5
125	20.4	14.3	21.5





#23

Benzo(a)pyrene

Concen: 0.618 ng/ul

RT: 23.40 min Scan# 5434

Delta R.T. 0.02 min

Lab File: BN006575.D

Acq: 25 Jun 2019 17:59

Instrument :

BNA_N

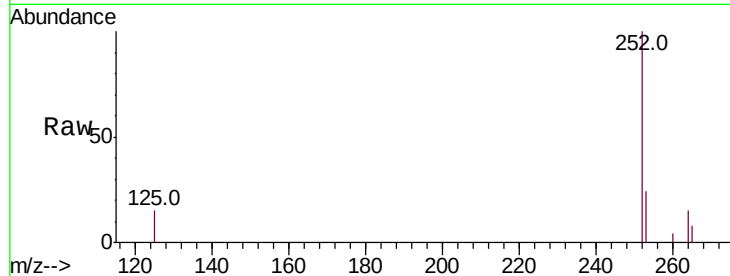
ClientSampleId :

A4206DL

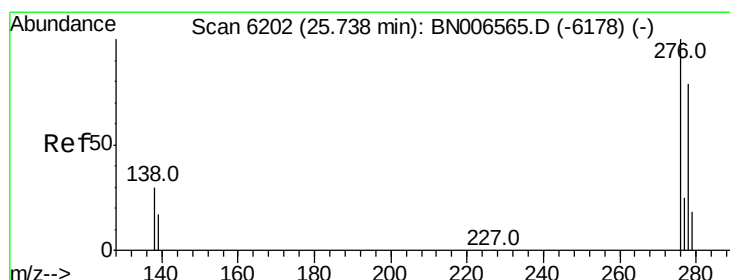
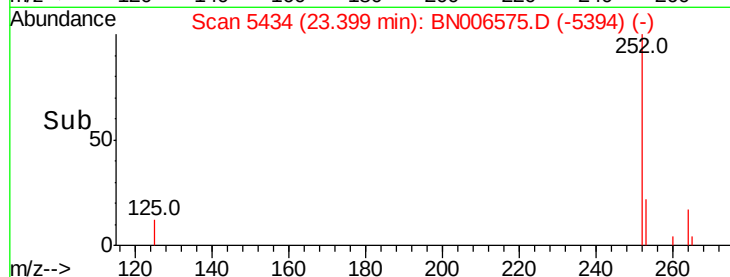
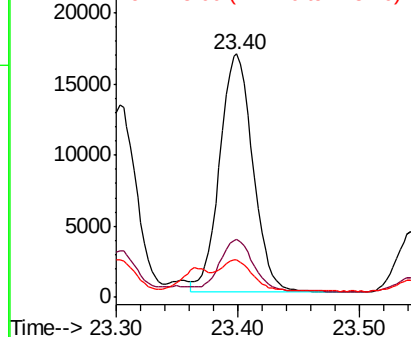
Tot Ion:	252	Resp:	31767
Ion Ratio	Lower	Upper	
252	100		
253	23.8	21.1	31.7
125	15.3	20.3	30.5#

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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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.502 ng/ul

RT: 25.73 min Scan# 6199

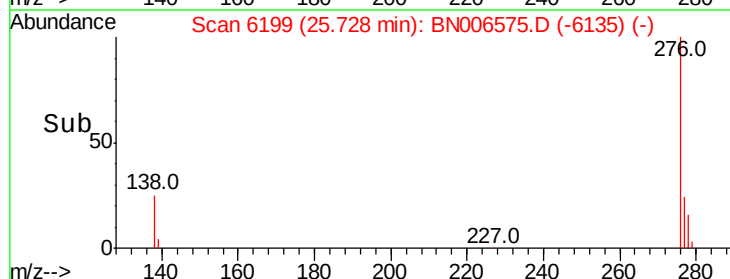
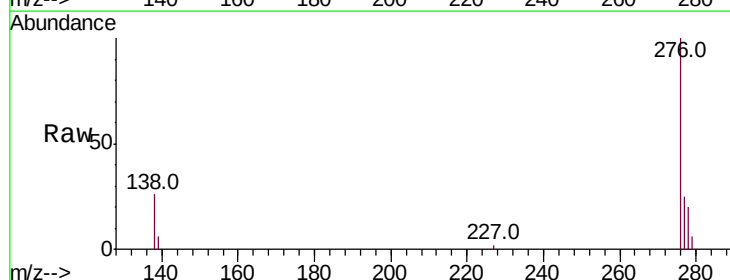
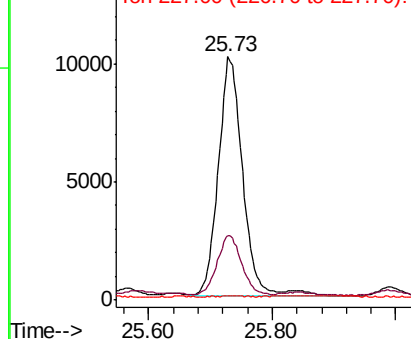
Delta R.T. 0.01 min

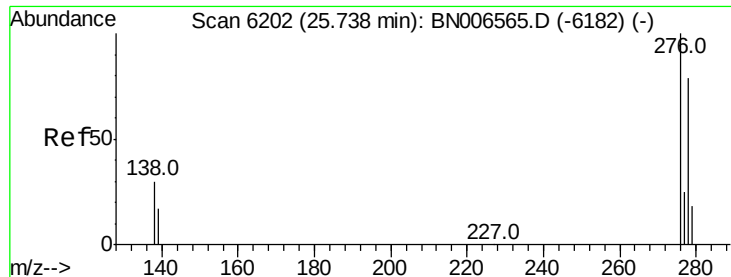
Lab File: BN006575.D

Acq: 25 Jun 2019 17:59

Tgt Ion:	276	Resp:	27929
Ion Ratio	Lower	Upper	
276	100		
138	24.6	25.6	38.4#
227	0.1	0.3	0.5#

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: 0.141 ng/ul

RT: 25.73 min Scan# 6200

Delta R.T. 0.01 min

Lab File: BN006575.D

Acq: 25 Jun 2019 17:59

Instrument :

BNA_N

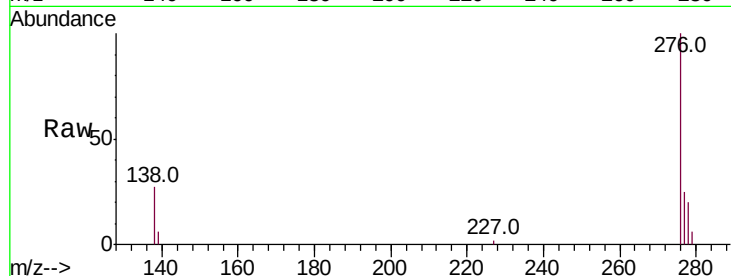
ClientSampleID :

A4206DL

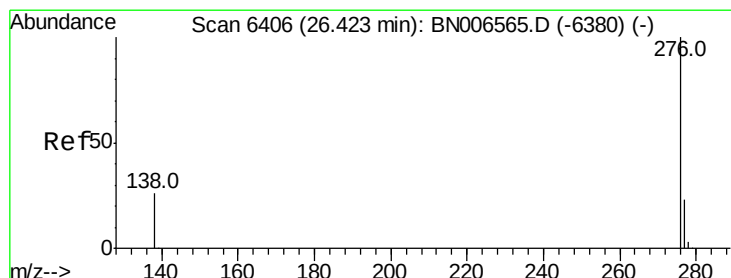
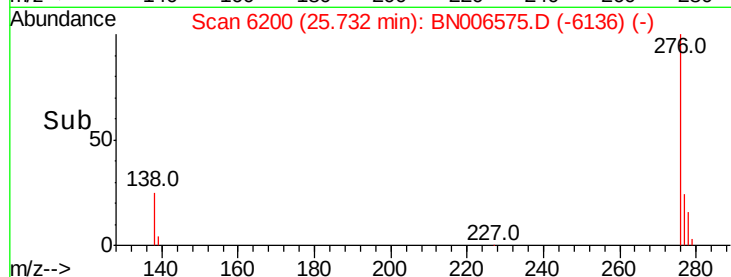
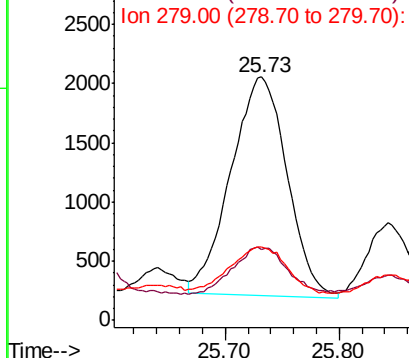
Tot Ion:	278	Resp:	6282
Ion Ratio	Lower	Upper	
278	100		
139	29.1	21.2	31.8
279	29.9	22.6	33.8

Manual Integrations
APPROVED

mohammad
6/25/2019 10:22:28 PM



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(g,h,i)perylene

Concen: 0.537 ng/ul

RT: 26.42 min Scan# 6404

Delta R.T. 0.02 min

Lab File: BN006575.D

Acq: 25 Jun 2019 17:59

Tgt Ion:	276	Resp:	25000
Ion Ratio	Lower	Upper	
276	100		
138	28.1	24.2	36.4
277	24.8	21.5	32.3

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

