

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
 Data File : BN006558.D
 Acq On : 25 Jun 2019 06:59
 Operator : HP/JU
 Sample : K3388-05MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4216MSD

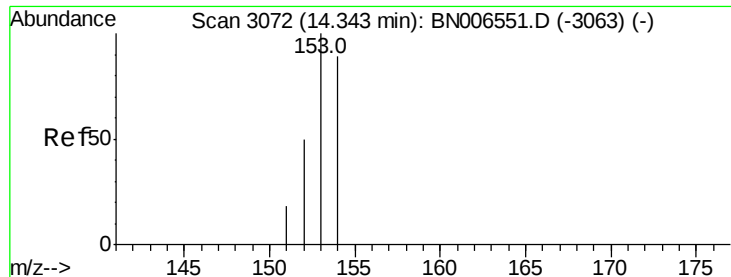
Manual Integrations
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Quant Time: Jun 25 07:51:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 25 07:15:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5168	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	18967	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	8999	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	16026	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	9804	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	11199	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	4010	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	6274	0.15	ng/ul	0.00
Target Compounds					Ovalue	
8) Acenaphthene	14.34	153	5979	0.172	ng/ul	99
11) Pentachlorophenol	16.72	266	312	0.077	ng/ul	97
12) Phenanthrene	17.08	178	6283	0.122	ng/ul	96
15) Fluoranthene	19.11	202	15023	0.264	ng/ul	95
17) Pyrene	19.48	202	22075	0.427	ng/ul	99
18) Benzo(a)anthracene	21.24	228	4828	0.111	ng/ul#	87
19) Chrysene	21.30	228	6736	0.165	ng/ul#	91
21) Benzo(b)fluoranthene	22.82	252	8964m	0.192	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	3466m	0.076	ng/ul	
23) Benzo(a)pyrene	23.39	252	5345	0.123	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.73	276	4813	0.102	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.73	278	1107	0.029	ng/ul#	1
26) Benzo(g,h,i)perylene	26.41	276	4087	0.104	ng/ul#	82

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



#8

Acenaphthene

Concen: 0.172 ng/ul

RT: 14.34 min Scan# 3072

Delta R.T. -0.00 min

Lab File: BN006558.D

Acq: 25 Jun 2019 06:59

Instrument :

BNA_N

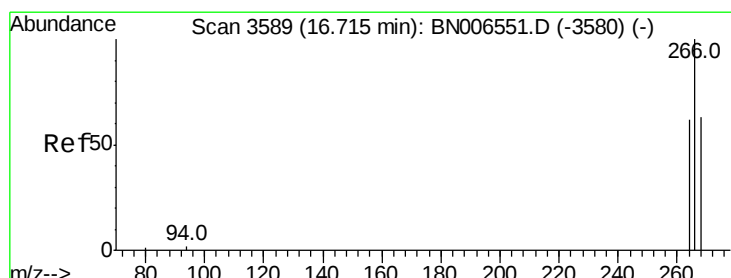
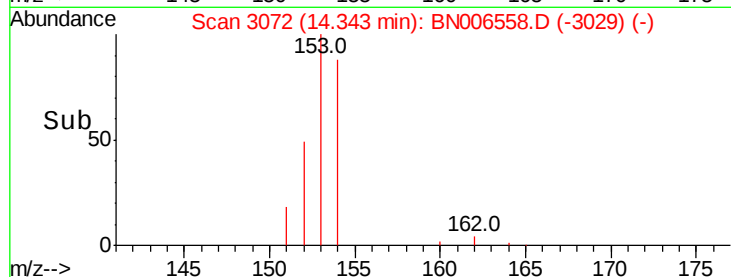
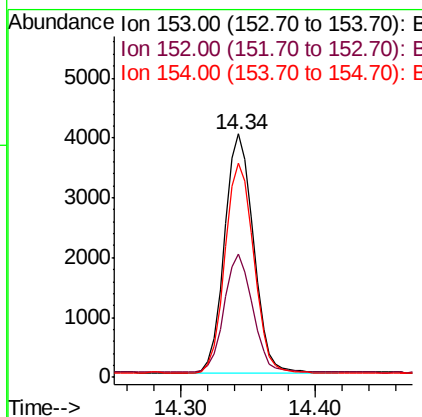
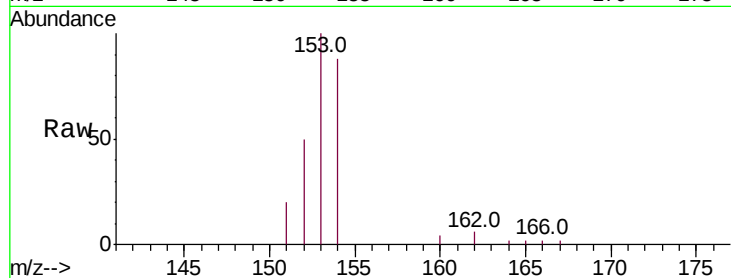
ClientSampled :

A4216MSD

Tot Ion:	153	Resp:	5979
Ion	Ratio	Lower	Upper
153	100		
152	50.4	39.1	58.7
154	88.0	71.1	106.7

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#11

Pentachlorophenol

Concen: 0.077 ng/ul

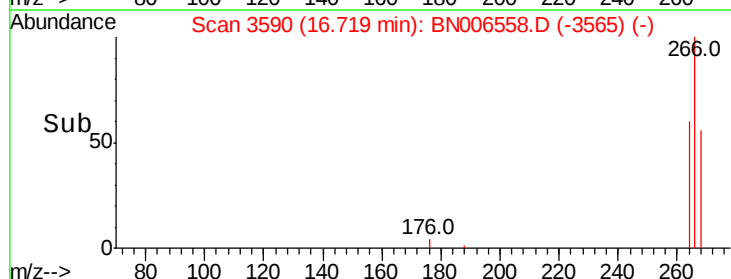
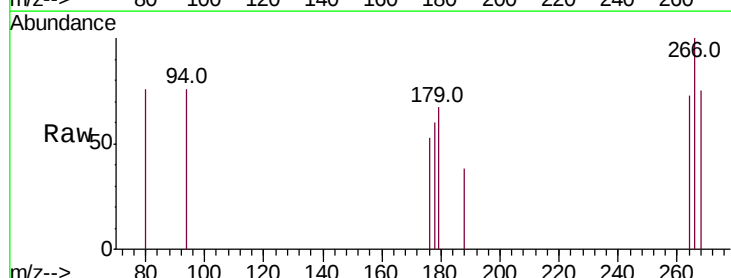
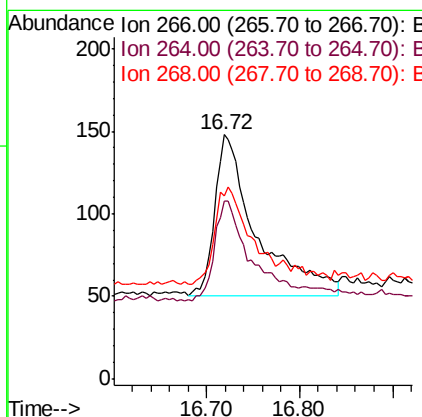
RT: 16.72 min Scan# 3590

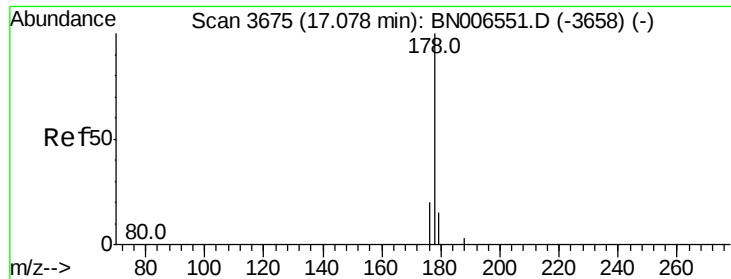
Delta R.T. 0.00 min

Lab File: BN006558.D

Acq: 25 Jun 2019 06:59

Tgt Ion:	266	Resp:	312
Ion	Ratio	Lower	Upper
266	100		
264	63.5	50.3	75.5
268	59.9	51.3	76.9





#12

Phenanthrene

Concen: 0.122 ng/ul

RT: 17.08 min Scan# 3675

Delta R.T. -0.00 min

Lab File: BN006558.D

Acq: 25 Jun 2019 06:59

Instrument :

BNA_N

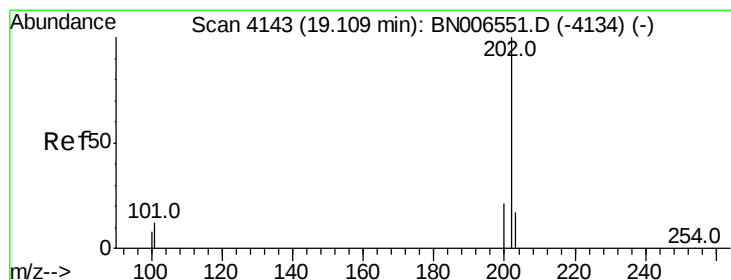
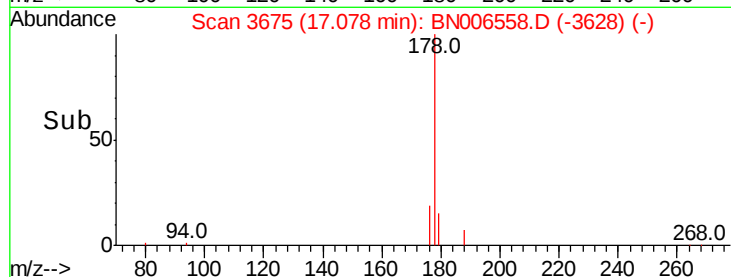
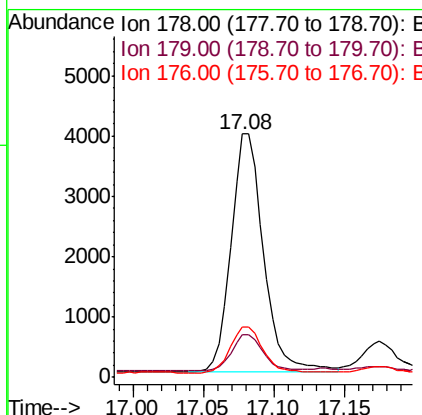
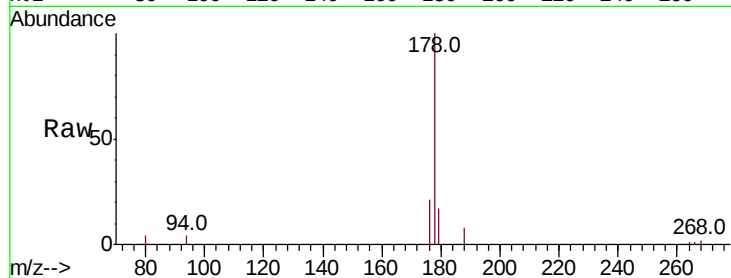
ClientSampleId :

A4216MSD

Tot Ion:	178	Resp:	6283
Ion Ratio	Lower	Upper	
178	100		
179	17.4	12.3	18.5
176	20.9	15.3	22.9

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#15

Fluoranthene

Concen: 0.264 ng/ul

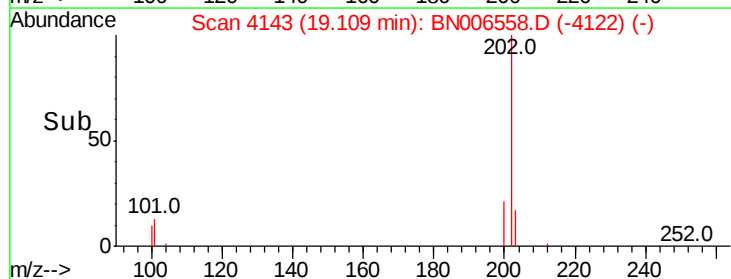
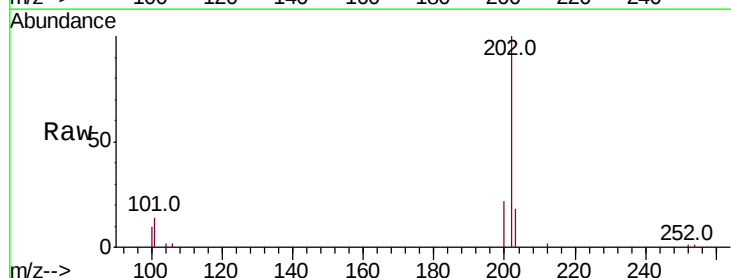
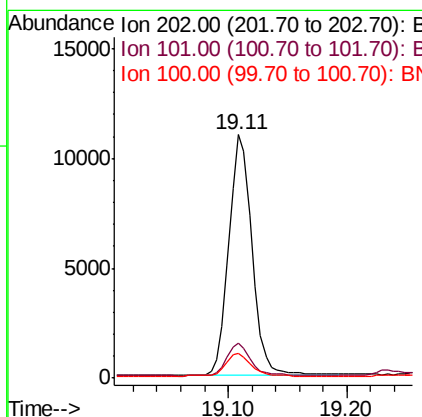
RT: 19.11 min Scan# 4143

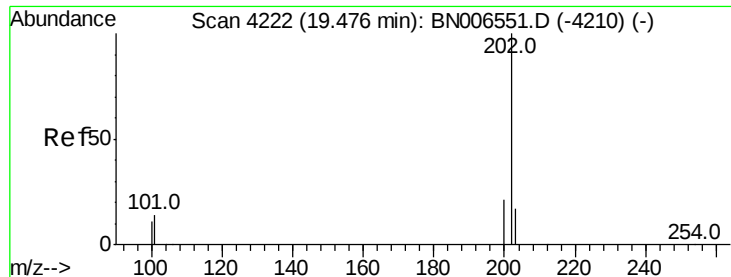
Delta R.T. -0.00 min

Lab File: BN006558.D

Acq: 25 Jun 2019 06:59

Tgt Ion:	202	Resp:	15023
Ion Ratio	Lower	Upper	
202	100		
101	14.4	0.0	32.1
100	10.3	0.0	28.7





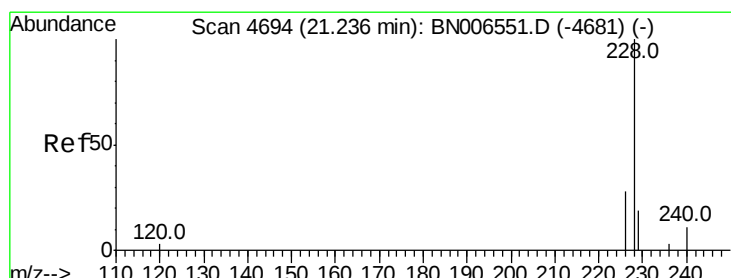
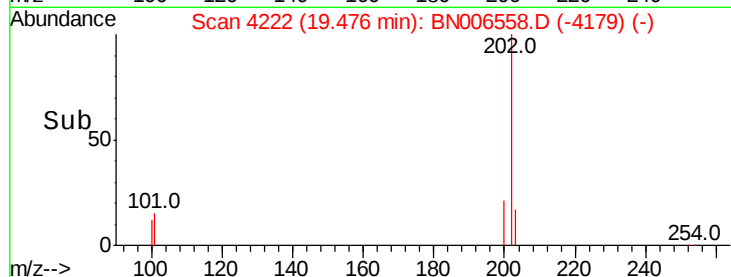
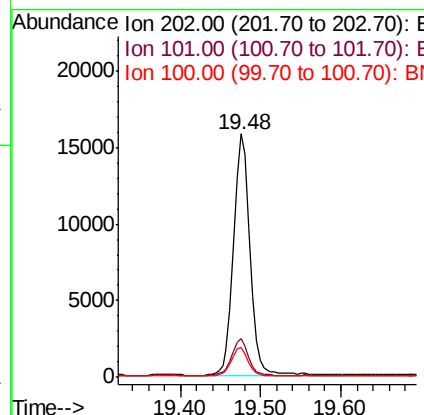
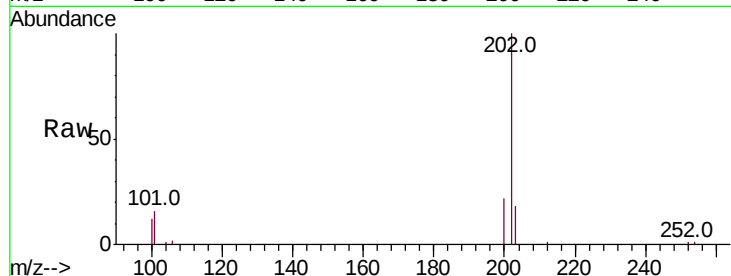
#17
Pvrene
Concen: 0.427 ng/ul
RT: 19.48 min Scan# 4222
Delta R.T. -0.00 min
Lab File: BN006558.D
Acq: 25 Jun 2019 06:59

Instrument :
BNA_N
ClientSampleId :
A4216MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	16.0	12.2	18.2
100	12.2	9.8	14.6

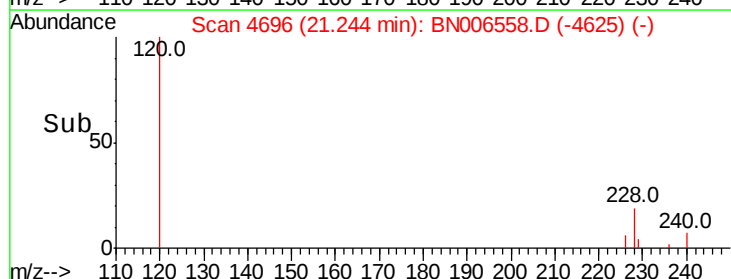
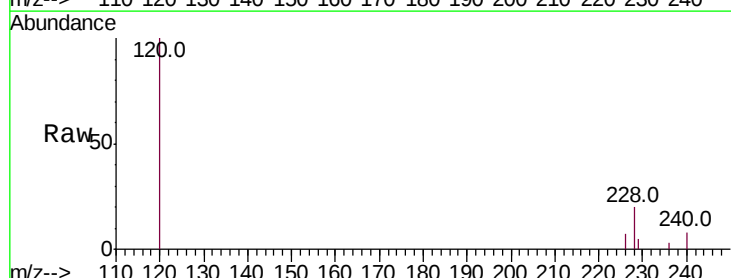
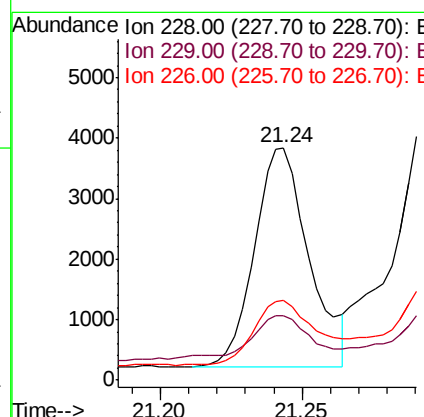
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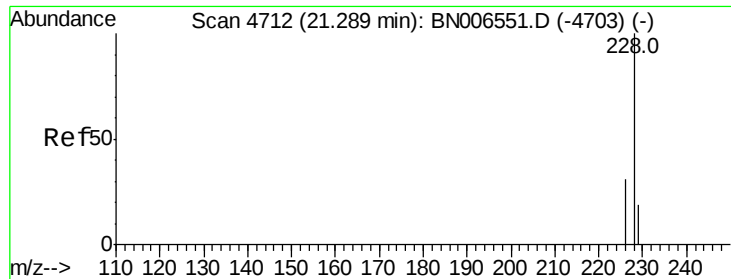
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#18
Benzo(a)anthracene
Concen: 0.111 ng/ul
RT: 21.24 min Scan# 4696
Delta R.T. 0.01 min
Lab File: BN006558.D
Acq: 25 Jun 2019 06:59

Tgt Ion	Ratio	Lower	Upper
228	100		
229	27.5	16.5	24.7#
226	34.6	22.8	34.2#





#19

Chrysene

Concen: 0.165 ng/ul

RT: 21.30 min Scan# 4714

Delta R.T. 0.01 min

Lab File: BN006558.D

Acq: 25 Jun 2019 06:59

Instrument :

BNA_N

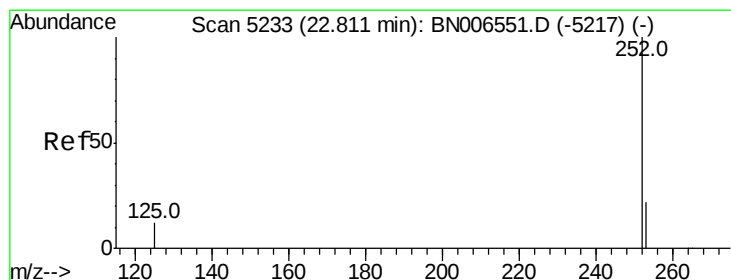
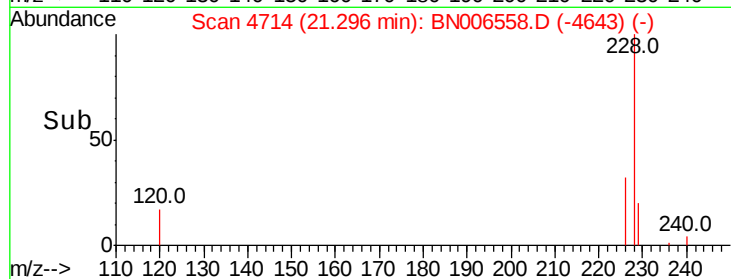
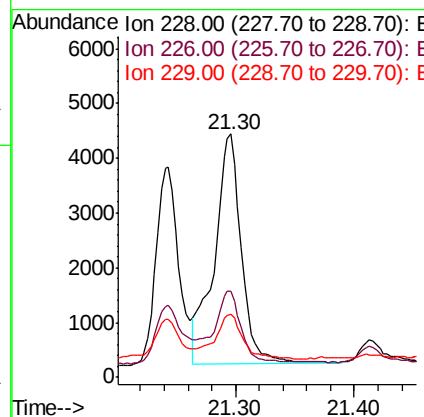
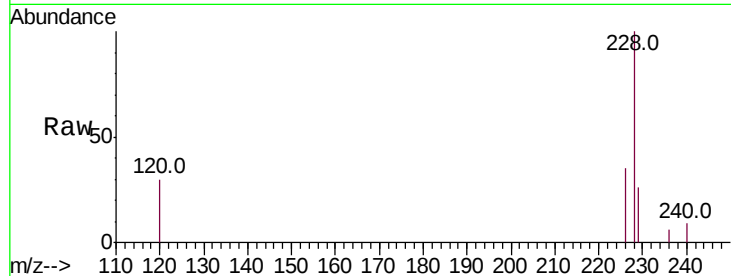
ClientSampleId :

A4216MSD

Tot Ion:	228	Resp:	6736
Ion Ratio	Lower	Upper	
228	100		
226	35.4	25.0	37.6
229	25.9	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 0.192 ng/ul m

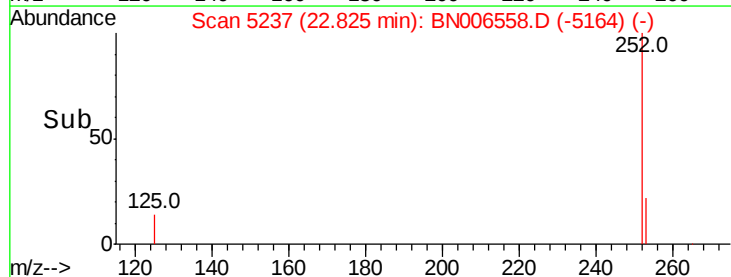
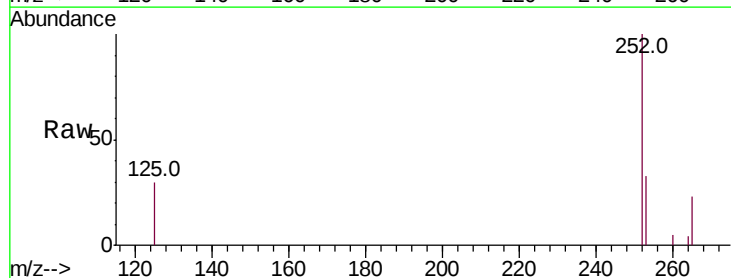
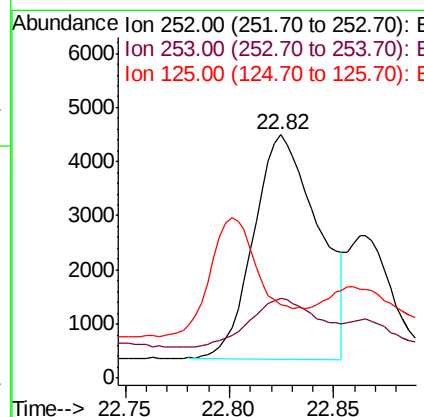
RT: 22.82 min Scan# 5237

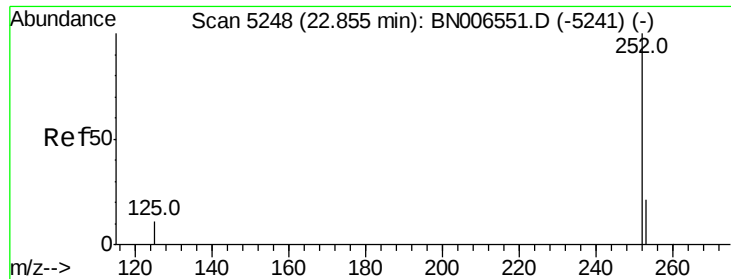
Delta R.T. 0.01 min

Lab File: BN006558.D

Acq: 25 Jun 2019 06:59

Tgt Ion:	252	Resp:	8964
Ion Ratio	Lower	Upper	
252	100		
253	32.9	0.0	51.4
125	30.2	0.0	41.0





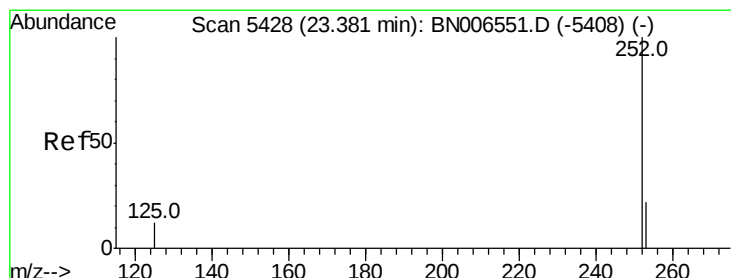
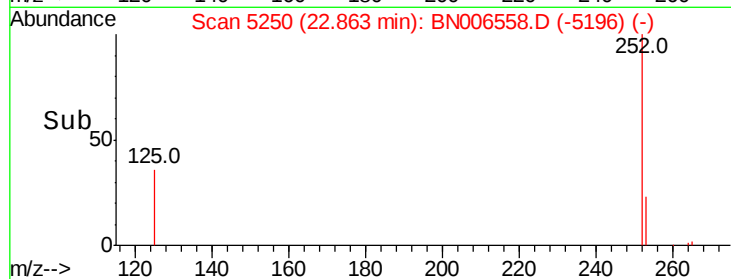
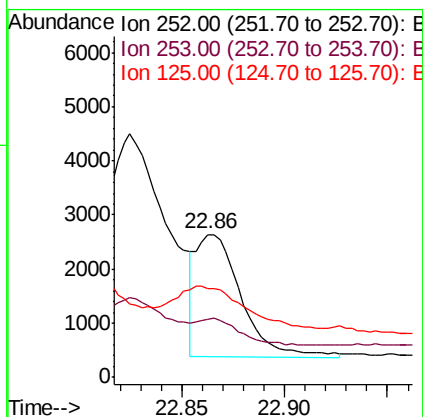
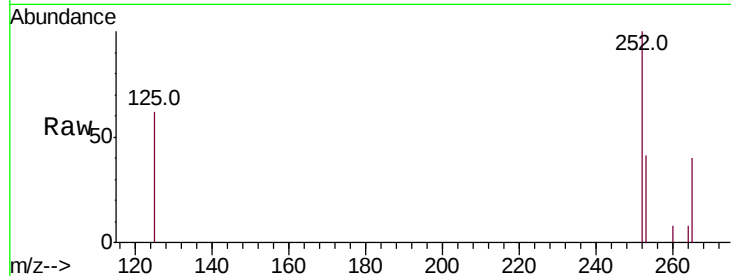
#22
Benzo(k)fluoranthene
Concen: 0.076 ng/ul m
RT: 22.86 min Scan# 5250
Delta R.T. 0.01 min
Lab File: BN006558.D
Acq: 25 Jun 2019 06:59

Instrument :
BNA_N
ClientSampleId :
A4216MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	40.7	20.3	30.5#
125	62.3	14.3	21.5#

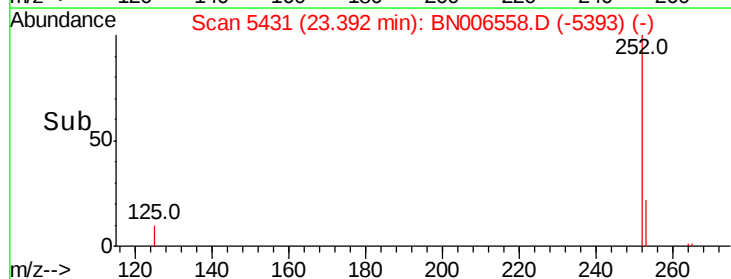
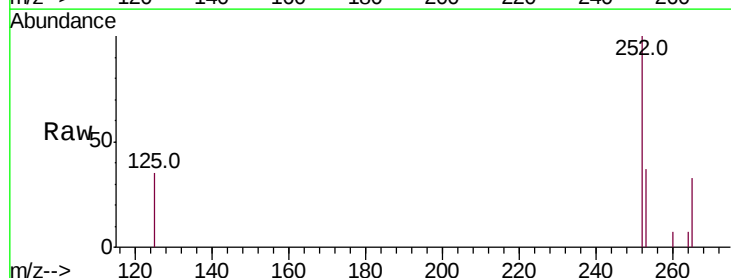
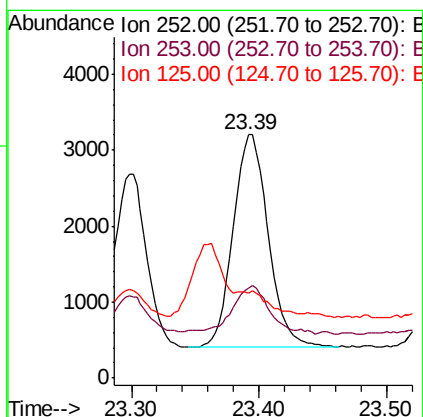
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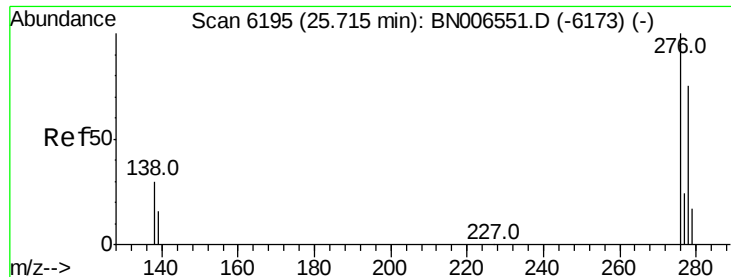
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#23
Benzo(a)pyrene
Concen: 0.123 ng/ul
RT: 23.39 min Scan# 5431
Delta R.T. 0.01 min
Lab File: BN006558.D
Acq: 25 Jun 2019 06:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.8	21.1	31.7#
125	35.0	20.3	30.5#





#24

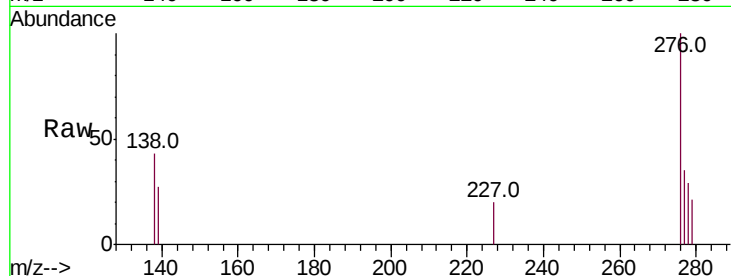
Indeno(1,2,3-cd)pyrene
Concen: 0.102 ng/uL
RT: 25.73 min Scan# 6198
Delta R.T. 0.01 min
Lab File: BN006558.D
Acq: 25 Jun 2019 06:59

Instrument :
BNA_N
ClientSampleID :
A4216MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.1	25.6	38.4
227	1.3	0.3	0.5

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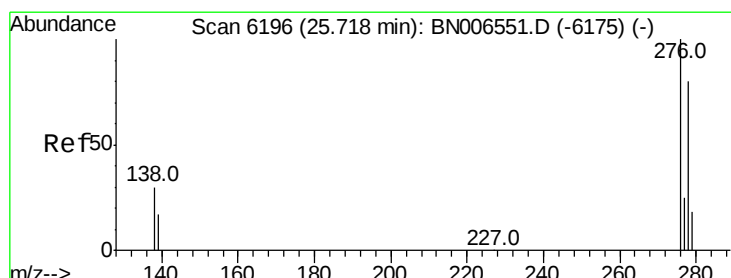
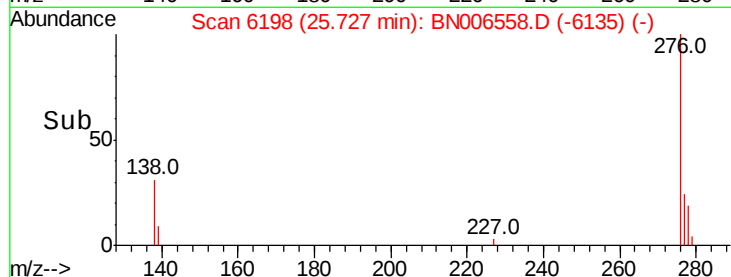
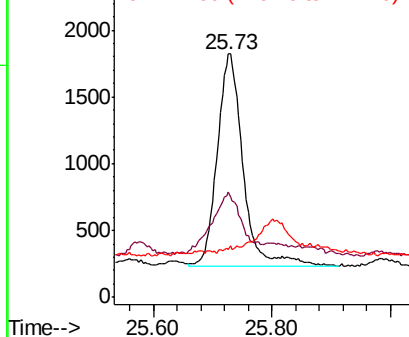


Abundance

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: 0.029 ng/uL
RT: 25.73 min Scan# 6198
Delta R.T. 0.01 min
Lab File: BN006558.D
Acq: 25 Jun 2019 06:59

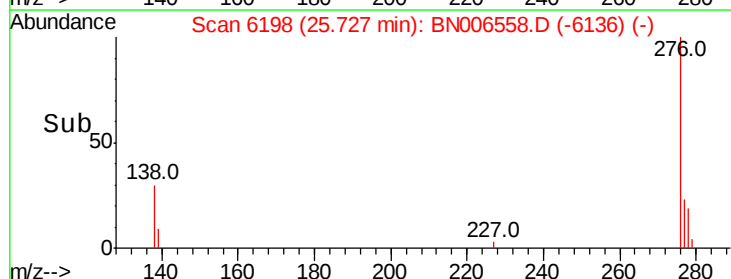
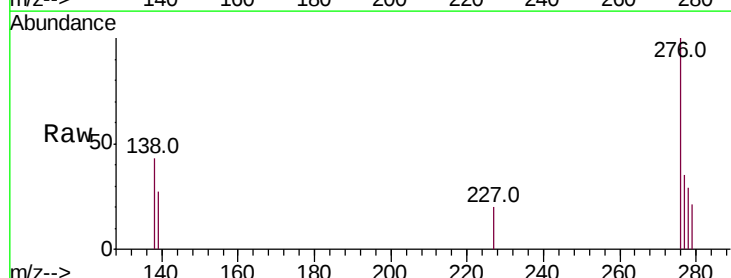
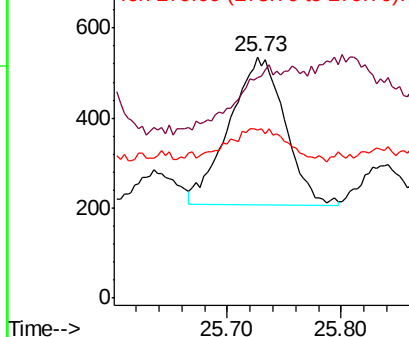
Tgt Ion	Ratio	Lower	Upper
278	100		
139	91.4	21.2	31.8
279	69.8	22.6	33.8

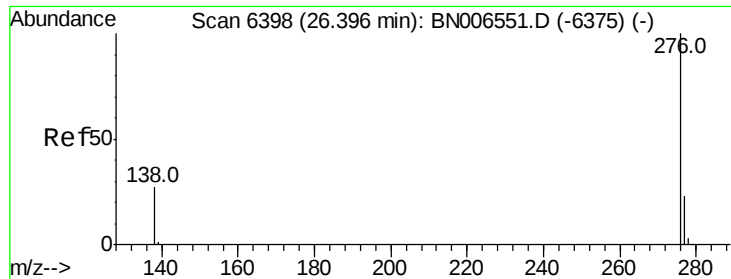
Abundance

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(a,h,i)perylene
 Concen: 0.104 ng/ul
 RT: 26.41 min Scan# 6403
 Delta R.T. 0.02 min
 Lab File: BN006558.D
 Acq: 25 Jun 2019 06:59

Instrument :
 BNA_N
 ClientSampleId :
 A4216MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	40.9	24.2	36.4#
277	35.8	21.5	32.3#

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