

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121619\
 Data File : BN009000.D
 Acq On : 16 Dec 2019 16:07
 Operator : JU
 Sample : K6089-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BQ3

Manual Integrations
 APPROVED

mohammad
 12/17/2019 5:34:48 AM

Quant Time: Dec 16 16:41:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 15:27:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2220	0.40	ng/ul	0.00
2) Naphthalene-d8	10.30	136	9488	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	6467	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.92	188	14346	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	12287	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	10486	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.90	152	3436	0.20	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	10169	0.24	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.35	128	19920	0.692	ng/ul	99
5) 2-Methylnaphthalene	11.97	142	22360	1.028	ng/ul	100
7) Acenaphthylene	13.89	152	8201	0.241	ng/ul#	95
8) Acenaphthene	14.24	153	906	0.034	ng/ul#	92
9) Fluorene	15.23	166	3260	0.103	ng/ul#	78
12) Phenanthrene	16.96	178	99086	1.986	ng/ul	100
13) Anthracene	17.06	178	6531	0.146	ng/ul#	94
15) Fluoranthene	18.99	202	109019	1.911	ng/ul	97
17) Pyrene	19.35	202	91087	1.453	ng/ul	99
18) Benzo(a)anthracene	21.11	228	49831	0.913	ng/ul#	92
19) Chrysene	21.16	228	91057	1.661	ng/ul#	96
21) Benzo(b)fluoranthene	22.64	252	86327m	1.763	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	25125m	0.509	ng/ul	
23) Benzo(a)pyrene	23.18	252	47387	1.104	ng/ul	100
24) Indeno(1,2,3-cd)pyrene	25.37	276	35256	0.754	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.38	278	12652	0.340	ng/ul#	78
26) Benzo(a,h,i)perylene	26.01	276	41925	1.065	ng/ul	98

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

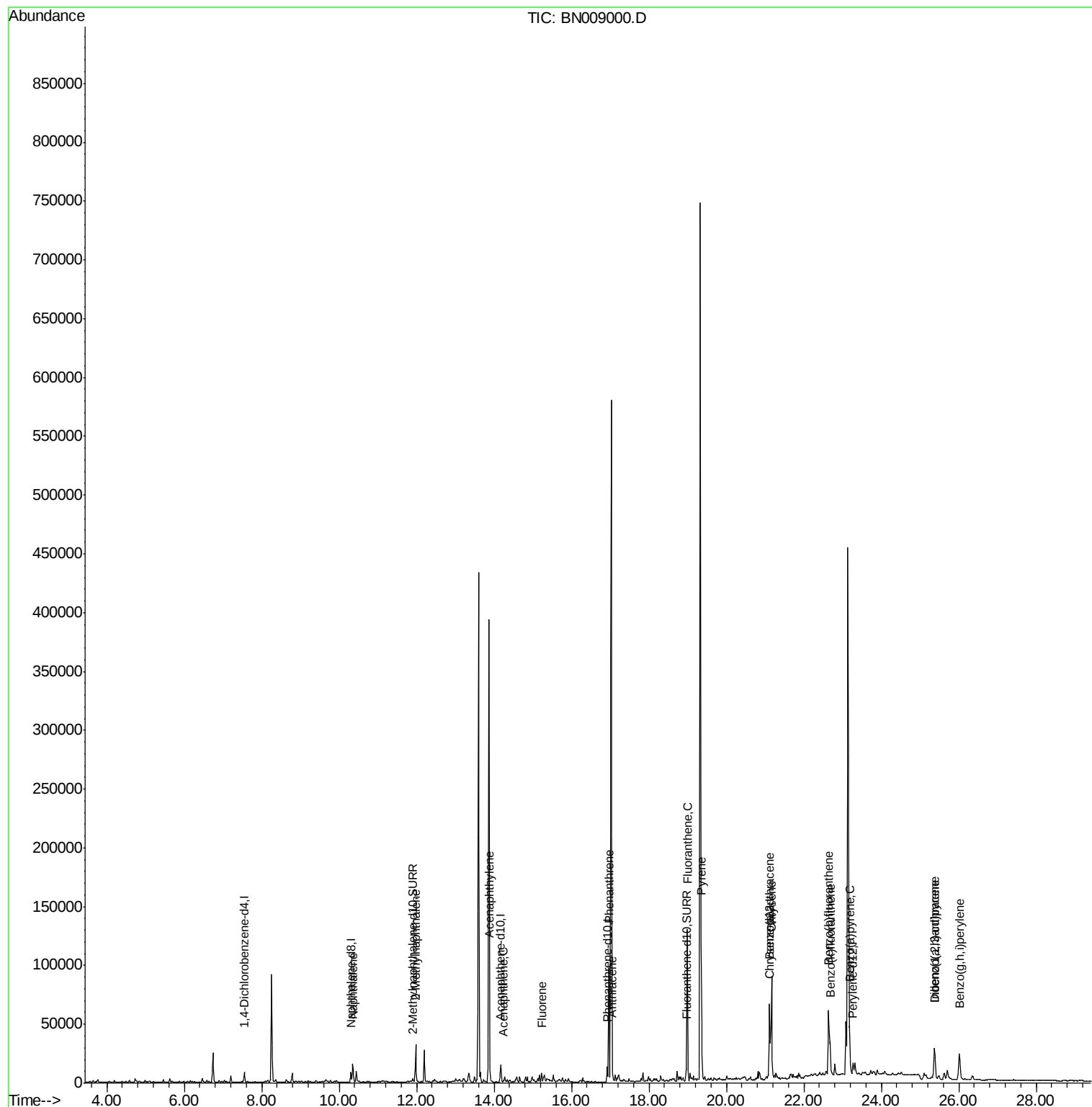
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121619\
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ALS Vial : 9 Sample Multiplier: 1

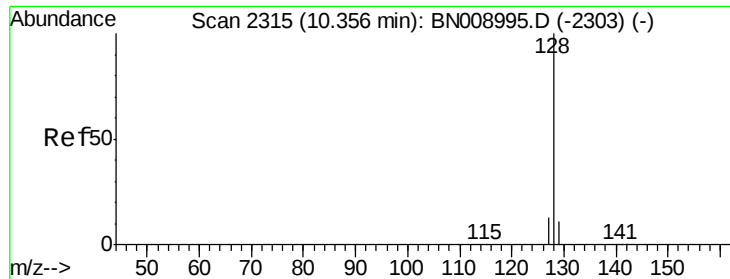
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 15:27:44 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.692 ng/ul

RT: 10.35 min Scan# 2314

Delta R.T. -0.01 min

Lab File: BN009000.D

Acq: 16 Dec 2019 16:07

Instrument :

BNA_N

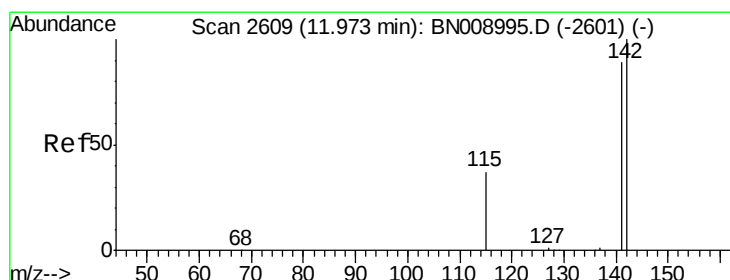
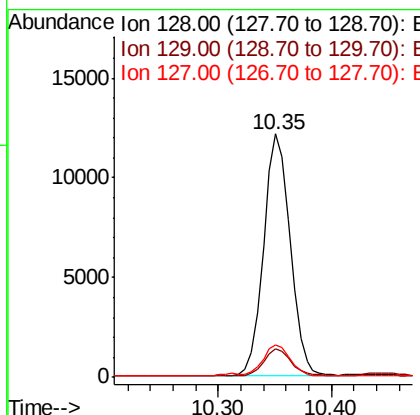
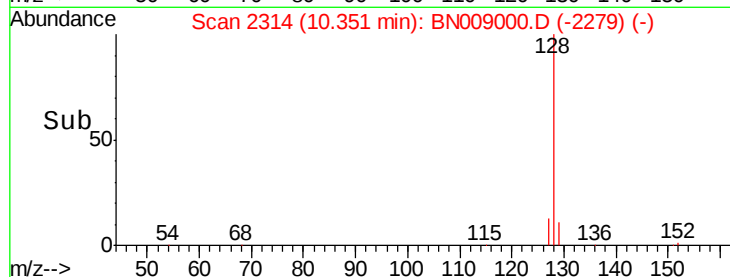
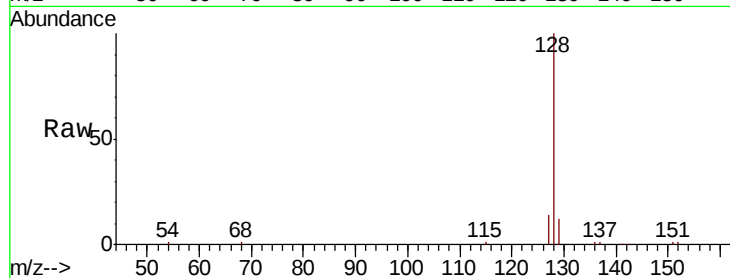
ClientSampleId :

C0BQ3

Tot Ion:	128	Resp:	19920
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.0	13.4
127	13.5	10.9	16.3

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#5

2-Methylnaphthalene

Concen: 1.028 ng/ul

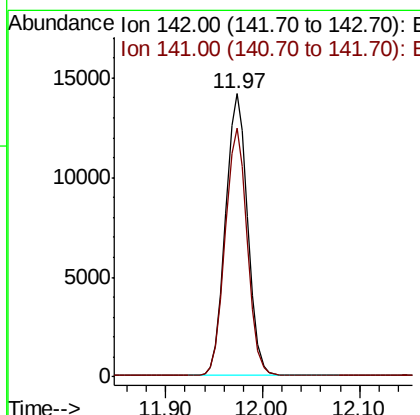
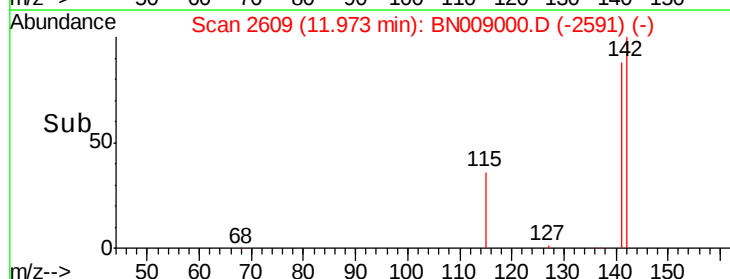
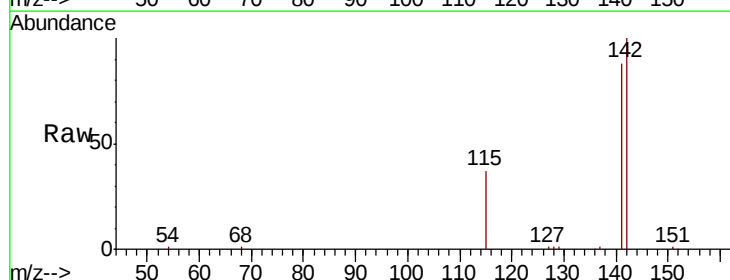
RT: 11.97 min Scan# 2609

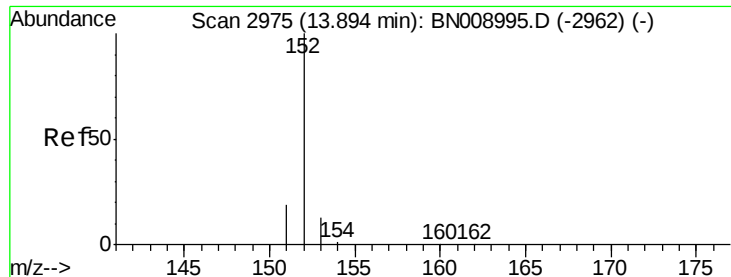
Delta R.T. 0.00 min

Lab File: BN009000.D

Acq: 16 Dec 2019 16:07

Tgt Ion:	142	Resp:	22360
Ion Ratio	Lower	Upper	
142	100		
141	87.6	70.2	105.4





#7

Acenaphthylene

Concen: 0.241 ng/ul

RT: 13.89 min Scan# 2974

Delta R.T. -0.00 min

Lab File: BN009000.D

Acq: 16 Dec 2019 16:07

Instrument :

BNA_N

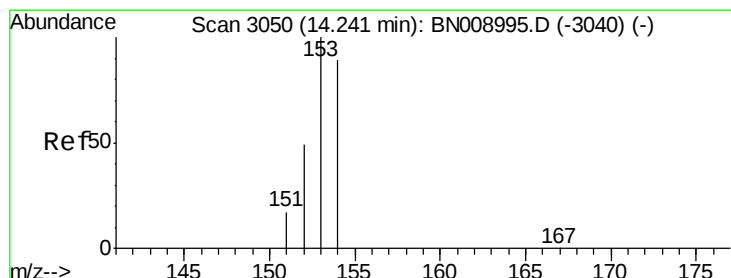
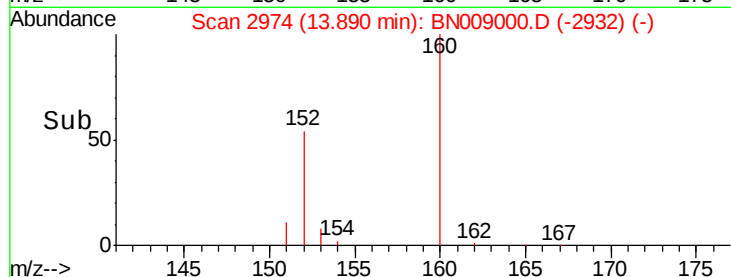
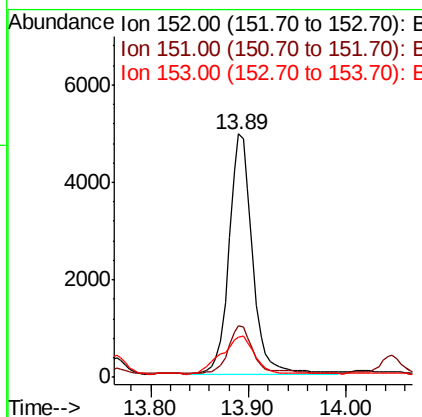
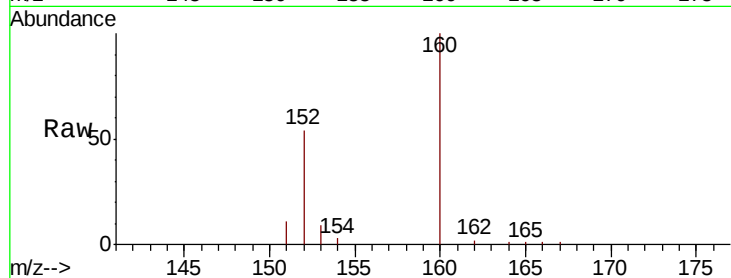
ClientSampleId :

C0BQ3

Tot Ion:	152	Resp:	8201
Ion Ratio	Lower	Upper	
152	100		
151	21.1	15.7	23.5
153	16.4	10.8	16.2

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#8

Acenaphthene

Concen: 0.034 ng/ul

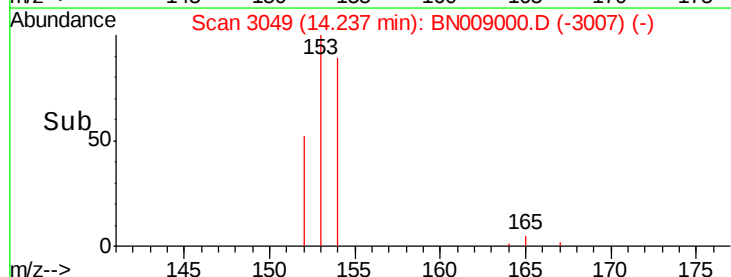
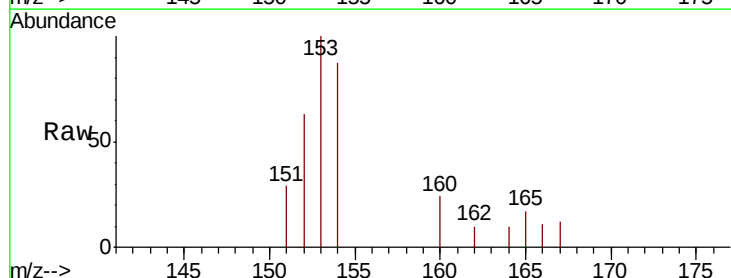
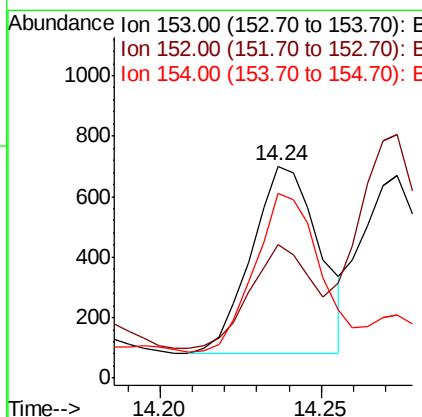
RT: 14.24 min Scan# 3049

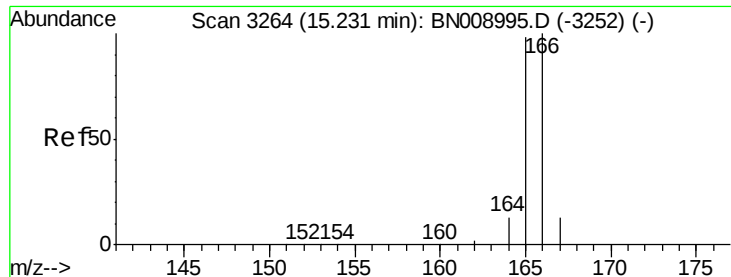
Delta R.T. -0.00 min

Lab File: BN009000.D

Acq: 16 Dec 2019 16:07

Tgt Ion:	153	Resp:	906
Ion Ratio	Lower	Upper	
153	100		
152	62.9	39.5	59.3
154	87.3	71.3	106.9





#9

Fluorene

Concen: 0.103 ng/ul

RT: 15.23 min Scan# 3264

Delta R.T. 0.00 min

Lab File: BN009000.D

Acq: 16 Dec 2019 16:07

Instrument :

BNA_N

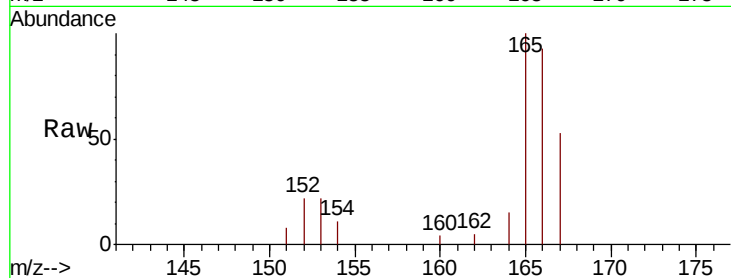
ClientSampled :

C0BQ3

Tot Ion	Ratio	Lower	Upper
166	100		
165	107.5	78.2	117.4
167	56.5	11.0	16.6

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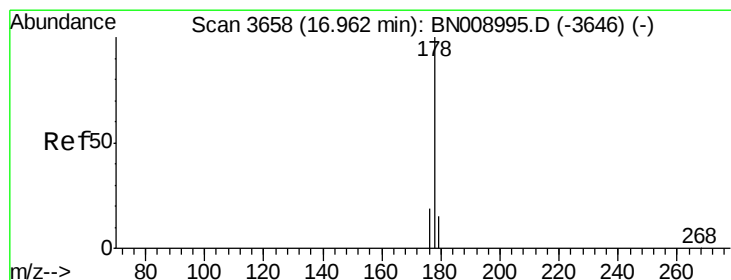
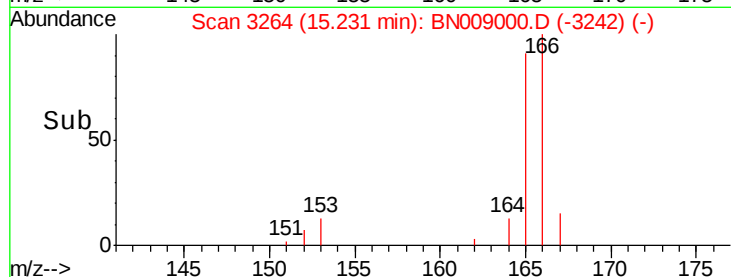
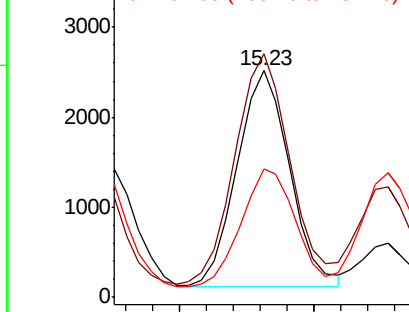


Abundance

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: 1.986 ng/ul

RT: 16.96 min Scan# 3658

Delta R.T. 0.00 min

Lab File: BN009000.D

Acq: 16 Dec 2019 16:07

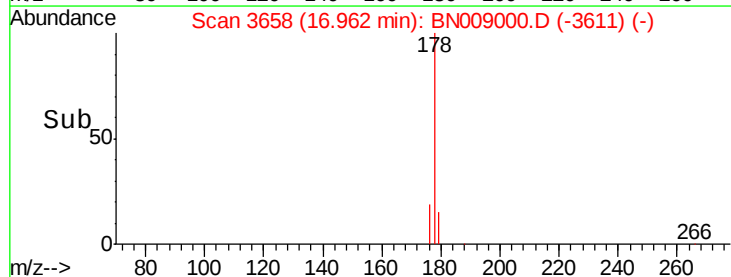
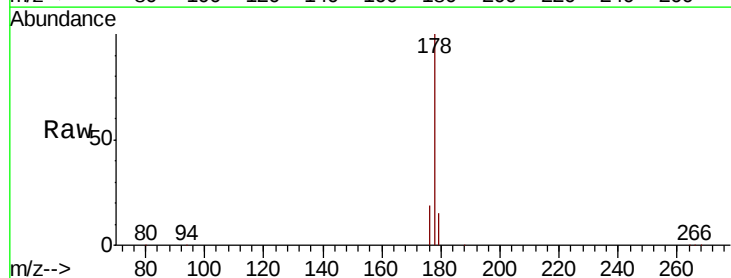
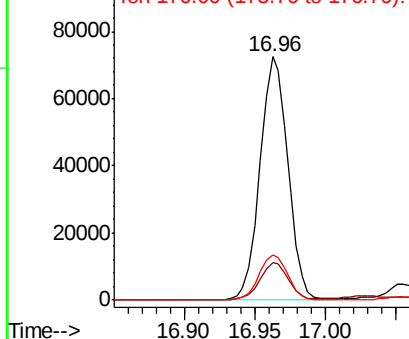
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.8	15.1	22.7

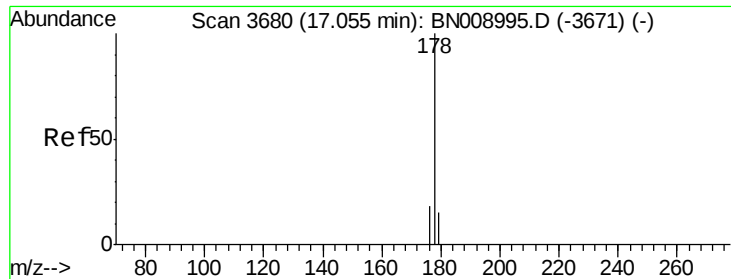
Abundance

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: 0.146 ng/ul

RT: 17.06 min Scan# 3680

Delta R.T. 0.00 min

Lab File: BN009000.D

Acq: 16 Dec 2019 16:07

Instrument :

BNA_N

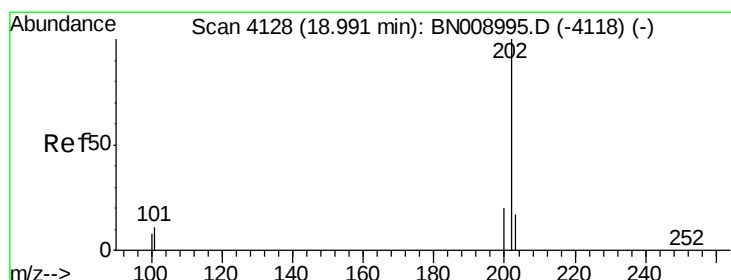
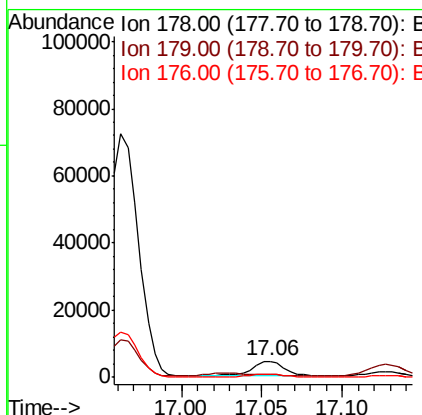
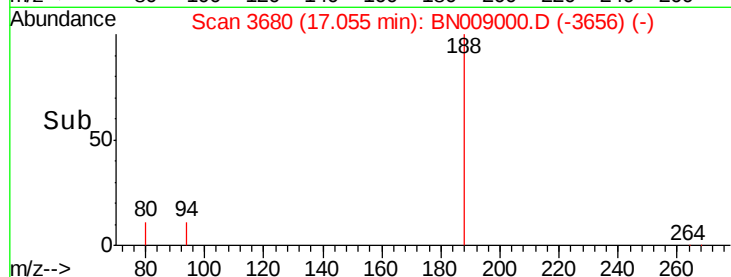
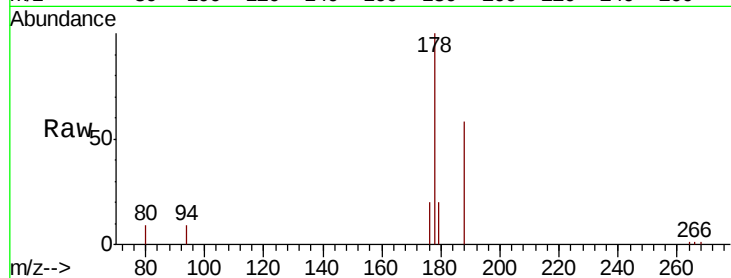
ClientSampleId :

C0BQ3

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.8	12.5	18.7#
176	19.9	14.9	22.3

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#15

Fluoranthene

Concen: 1.911 ng/ul

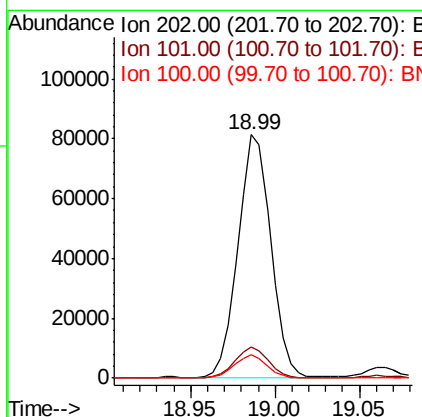
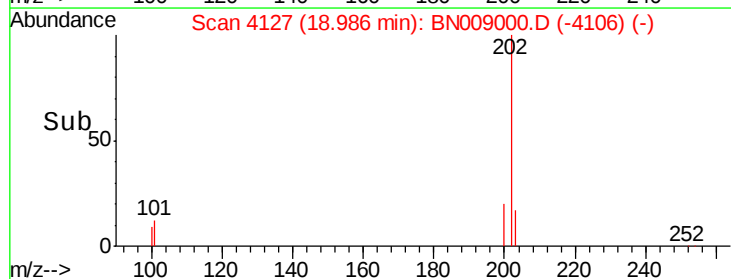
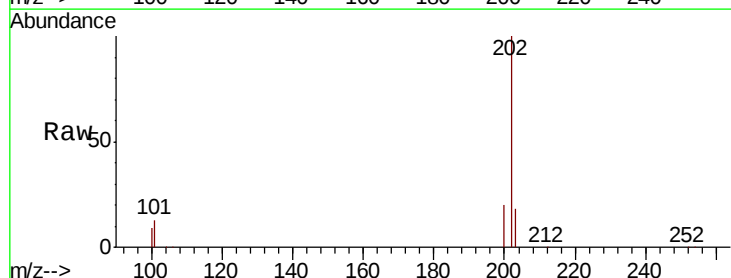
RT: 18.99 min Scan# 4127

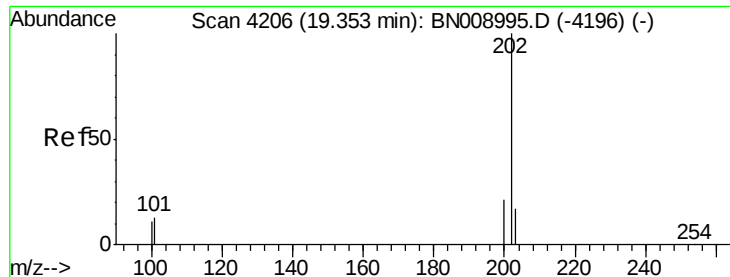
Delta R.T. -0.00 min

Lab File: BN009000.D

Acq: 16 Dec 2019 16:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	31.5
100	9.5	0.0	28.9





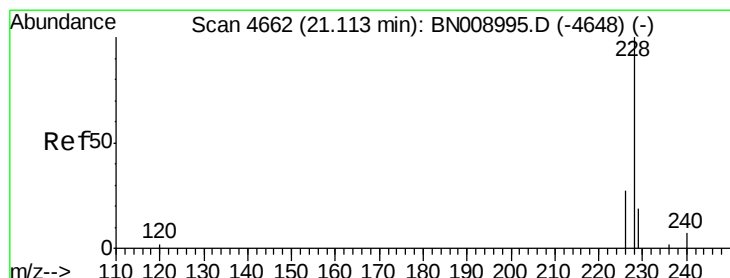
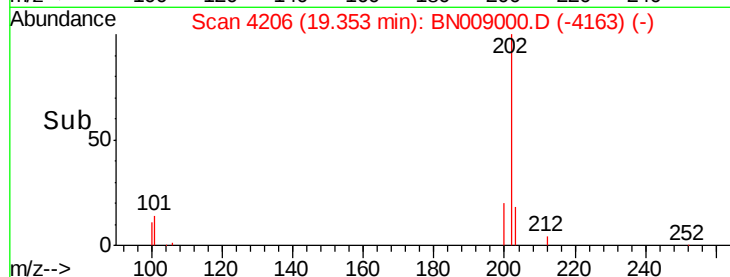
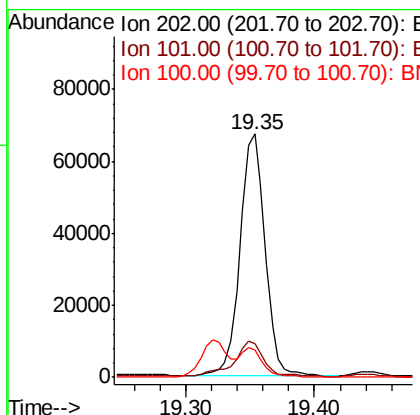
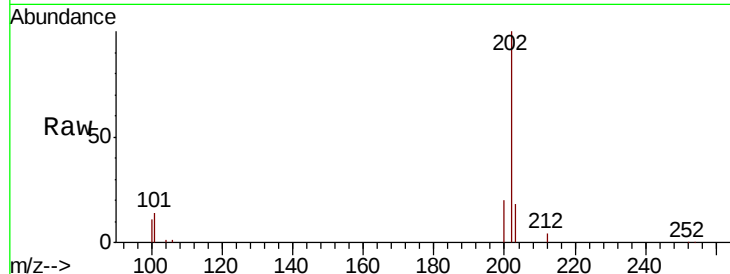
#17
Pvrene
Concen: 1.453 ng/ul
RT: 19.35 min Scan# 4206
Delta R.T. 0.00 min
Lab File: BN009000.D
Acq: 16 Dec 2019 16:07

Instrument :
BNA_N
ClientSampleId :
C0BQ3

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.9	16.3
100	11.0	9.0	13.6

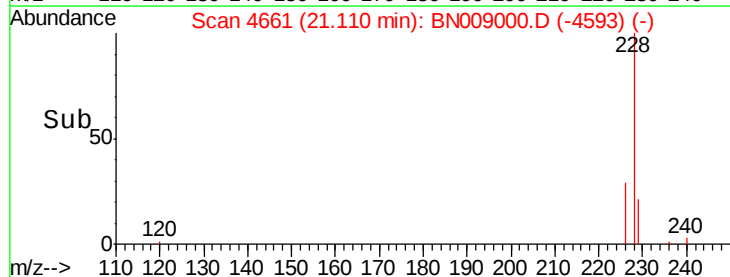
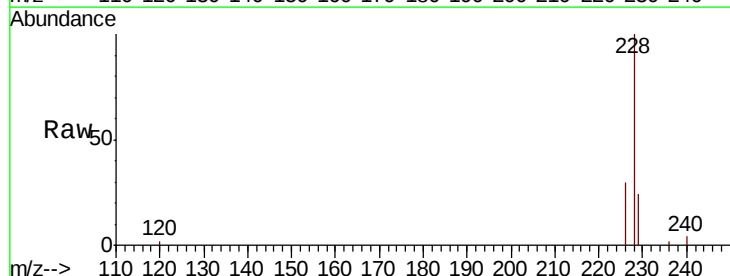
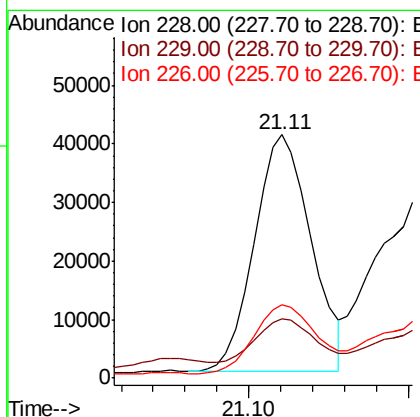
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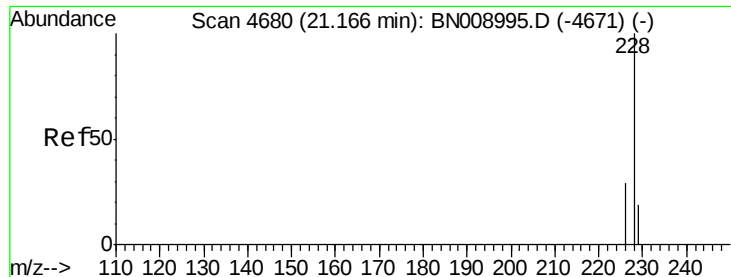
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#18
Benzo(a)anthracene
Concen: 0.913 ng/ul
RT: 21.11 min Scan# 4661
Delta R.T. -0.00 min
Lab File: BN009000.D
Acq: 16 Dec 2019 16:07

Tgt Ion	Ratio	Lower	Upper
228	100		
229	24.4	15.5	23.3#
226	30.4	21.7	32.5





#19

Chrysene

Concen: 1.661 ng/ul

RT: 21.16 min Scan# 4679

Delta R.T. -0.00 min

Lab File: BN009000.D

Acq: 16 Dec 2019 16:07

Instrument :

BNA_N

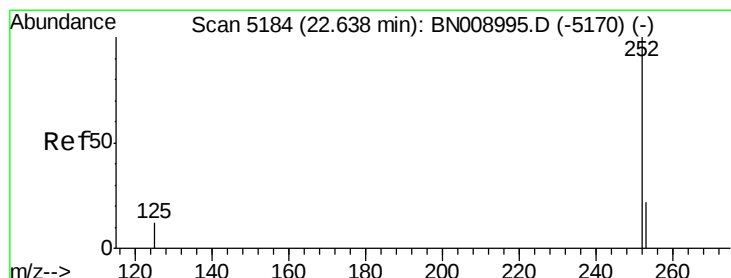
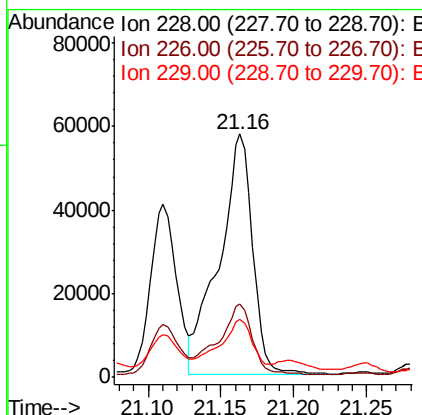
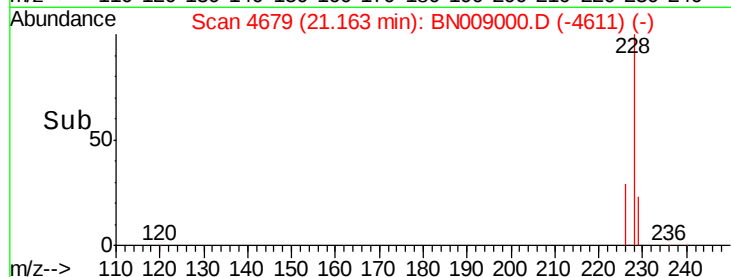
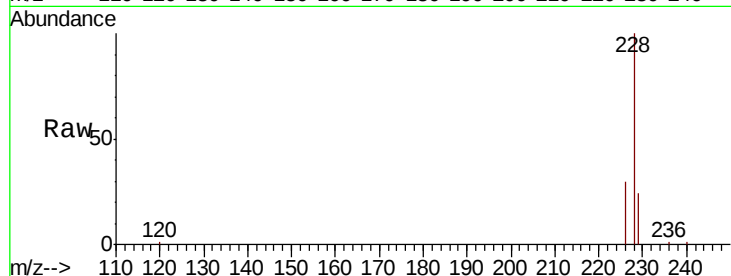
ClientSampleId :

C0BQ3

Tot Ion:	228	Resp:	91057
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.7	35.5
229	24.0	15.4	23.0

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#21

Benzo(b)fluoranthene

Concen: 1.763 ng/ul m

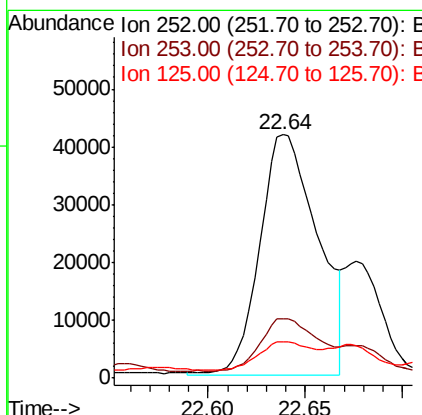
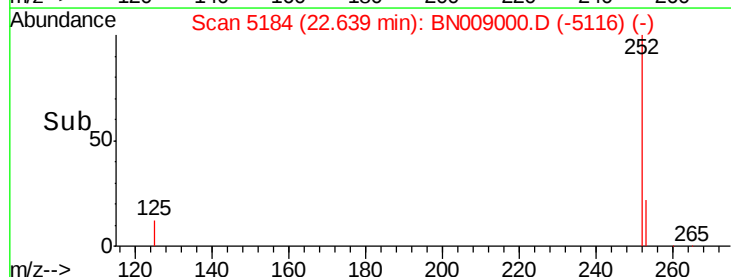
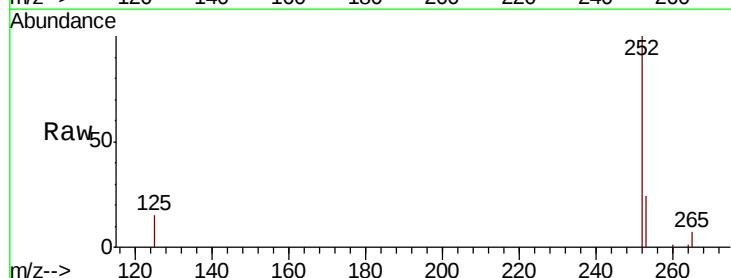
RT: 22.64 min Scan# 5184

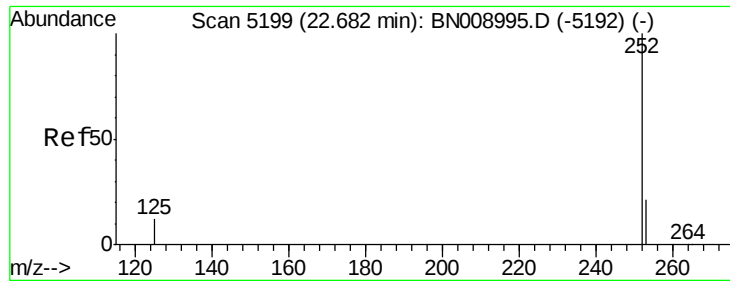
Delta R.T. 0.00 min

Lab File: BN009000.D

Acq: 16 Dec 2019 16:07

Tgt Ion:	252	Resp:	86327
Ion Ratio	Lower	Upper	
252	100		
253	24.3	0.0	48.2
125	14.8	0.0	30.0





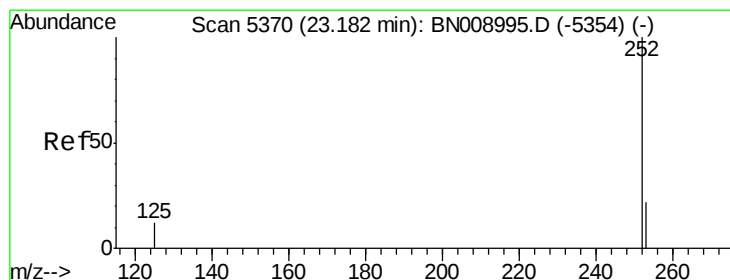
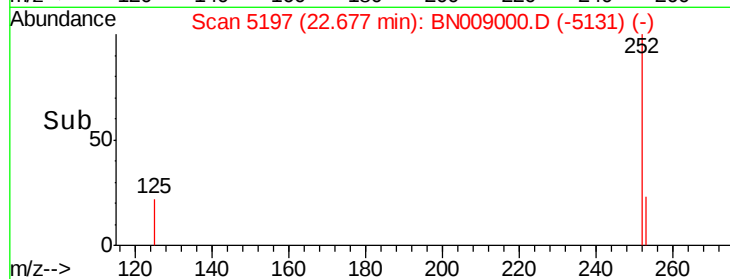
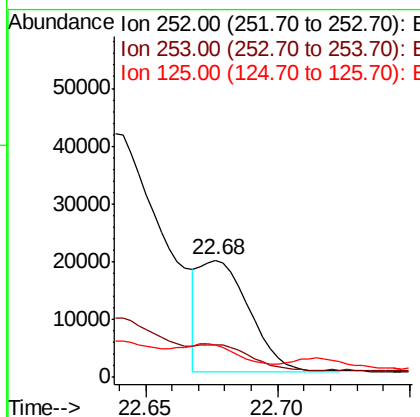
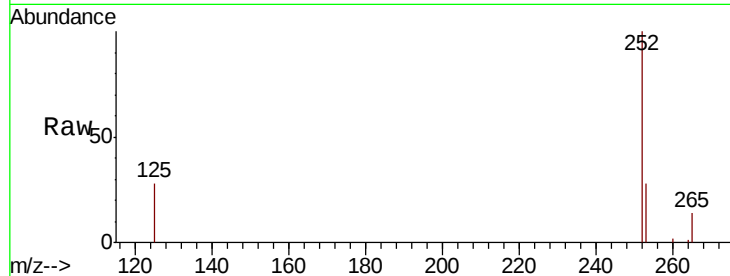
#22
Benzo(k)fluoranthene
Concen: 0.509 ng/ul m
RT: 22.68 min Scan# 5197
Delta R.T. -0.01 min
Lab File: BN009000.D
Acq: 16 Dec 2019 16:07

Instrument :
BNA_N
ClientSampleId :
C0BQ3

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.0	19.4	29.0
125	27.9	12.4	18.6

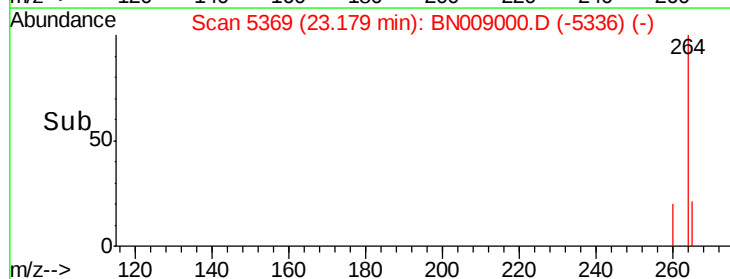
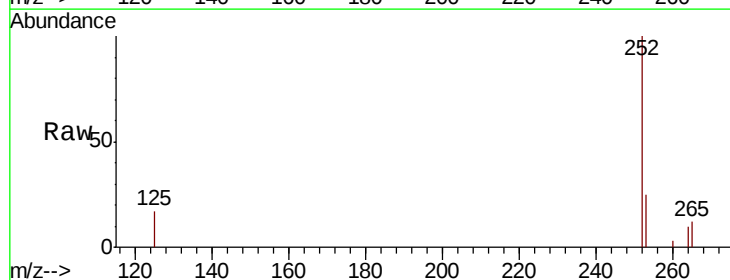
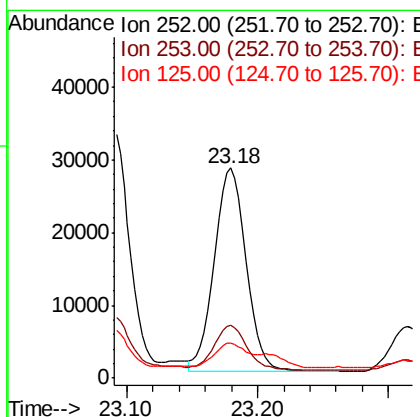
Manual Integrations
APPROVED

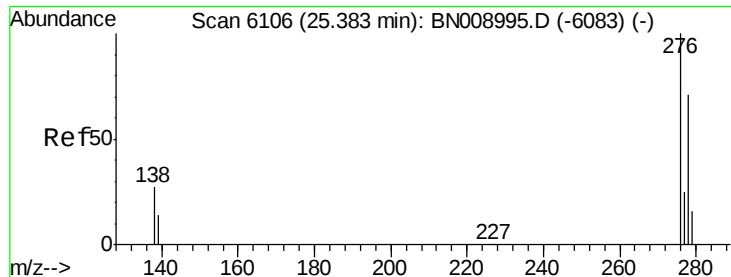
mohammad
12/17/2019 5:34:48 AM



#23
Benzo(a)pyrene
Concen: 1.104 ng/ul
RT: 23.18 min Scan# 5369
Delta R.T. -0.00 min
Lab File: BN009000.D
Acq: 16 Dec 2019 16:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.2	30.4
125	16.6	13.2	19.8





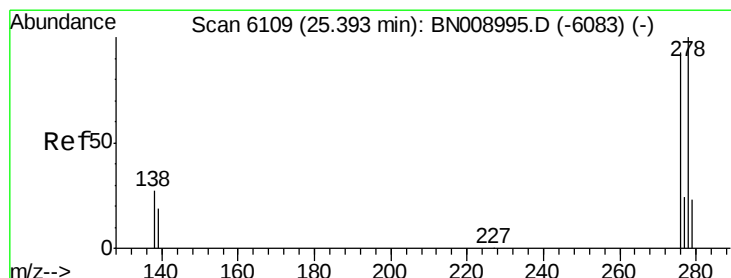
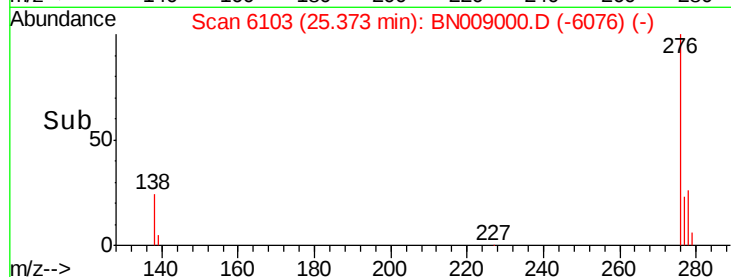
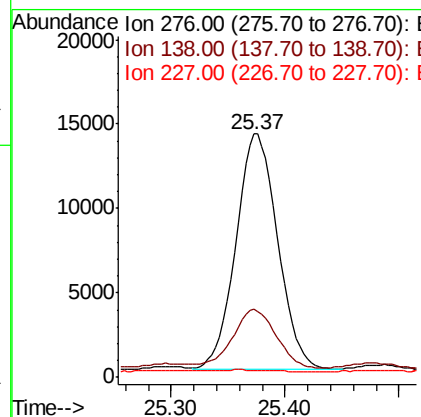
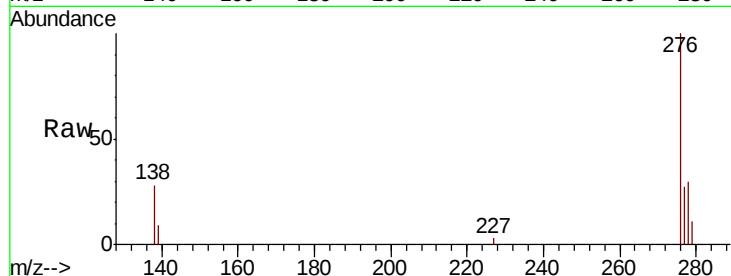
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.754 ng/ul
RT: 25.37 min Scan# 6103
Delta R.T. -0.01 min
Lab File: BN009000.D
Acq: 16 Dec 2019 16:07

Instrument :
BNA_N
ClientSampleId :
C0BQ3

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	25.6	22.4	33.6
227	0.9	0.2	0.4

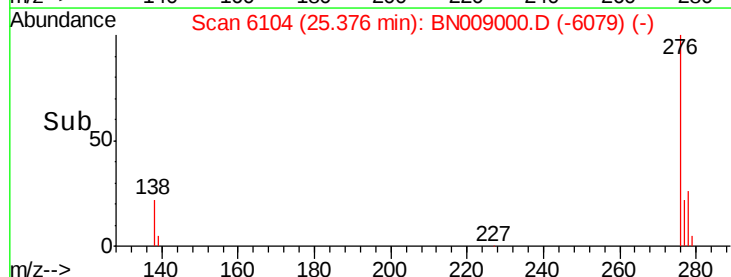
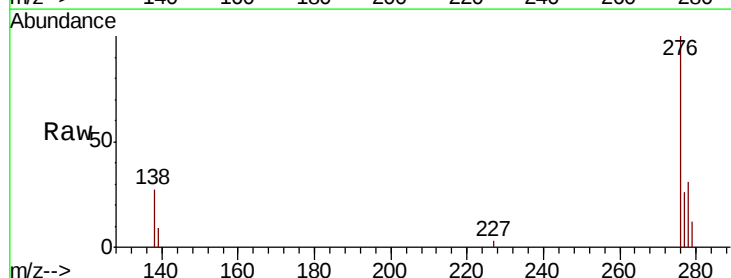
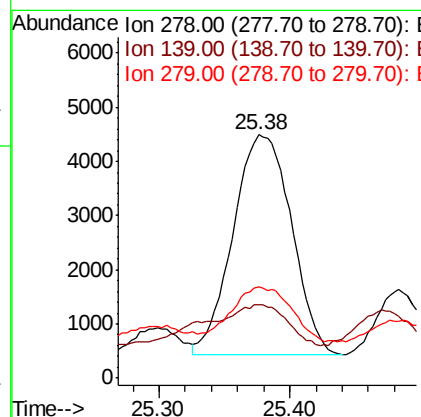
Manual Integrations
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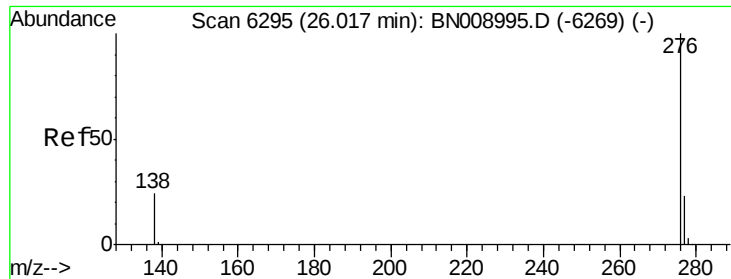
mohammad
12/17/2019 5:34:48 AM



#25
Dibenzo(a,h)anthracene
Concen: 0.340 ng/ul
RT: 25.38 min Scan# 6104
Delta R.T. -0.02 min
Lab File: BN009000.D
Acq: 16 Dec 2019 16:07

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	30.0	16.2	24.2
279	37.3	20.3	30.5





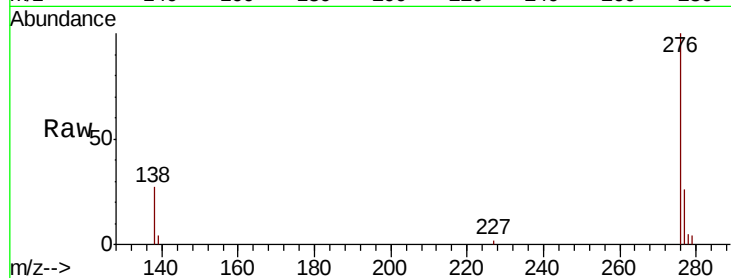
#26
Benzo(a,h,i)perylene
Concen: 1.065 ng/ul
RT: 26.01 min Scan# 6294
Delta R.T. -0.00 min
Lab File: BN009000.D
Acq: 16 Dec 2019 16:07

Instrument :
BNA_N
ClientSampleId :
C0BQ3

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.9	20.6	30.8
277	25.6	19.6	29.4

Manual Integrations
APPROVED

mohammad
12/17/2019 5:34:48 AM



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

