

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN123019\
 Data File : BN009270.D
 Acq On : 30 Dec 2019 21:18
 Operator : JU
 Sample : K6322-11DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C95DL

Manual Integrations
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Quant Time: Dec 31 01:58:47 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 : Tue Dec 31 00:59:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2428	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	8550	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.13	164	4511	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.88	188	8889	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	6975	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	7113	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	534	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	1019	0.04	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.85	152	1788	0.075	ng/ul#	93
9) Fluorene	15.19	166	1084	0.049	ng/ul#	96
12) Phenanthrene	16.92	178	17587	0.569	ng/ul	100
13) Anthracene	17.02	178	3332	0.120	ng/ul	97
15) Fluoranthene	18.95	202	32393	0.916	ng/ul	100
17) Pyrene	19.31	202	27585	0.775	ng/ul	99
18) Benzo(a)anthracene	21.07	228	10789	0.348	ng/ul	98
19) Chrysene	21.12	228	10578	0.340	ng/ul	97
21) Benzo(b)fluoranthene	22.59	252	12999m	0.391	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	4918m	0.147	ng/ul	
23) Benzo(a)pyrene	23.12	252	9508	0.327	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.30	276	6341	0.200	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.31	278	1405	0.056	ng/ul#	62
26) Benzo(g,h,i)perylene	25.93	276	6441	0.241	ng/ul	98

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

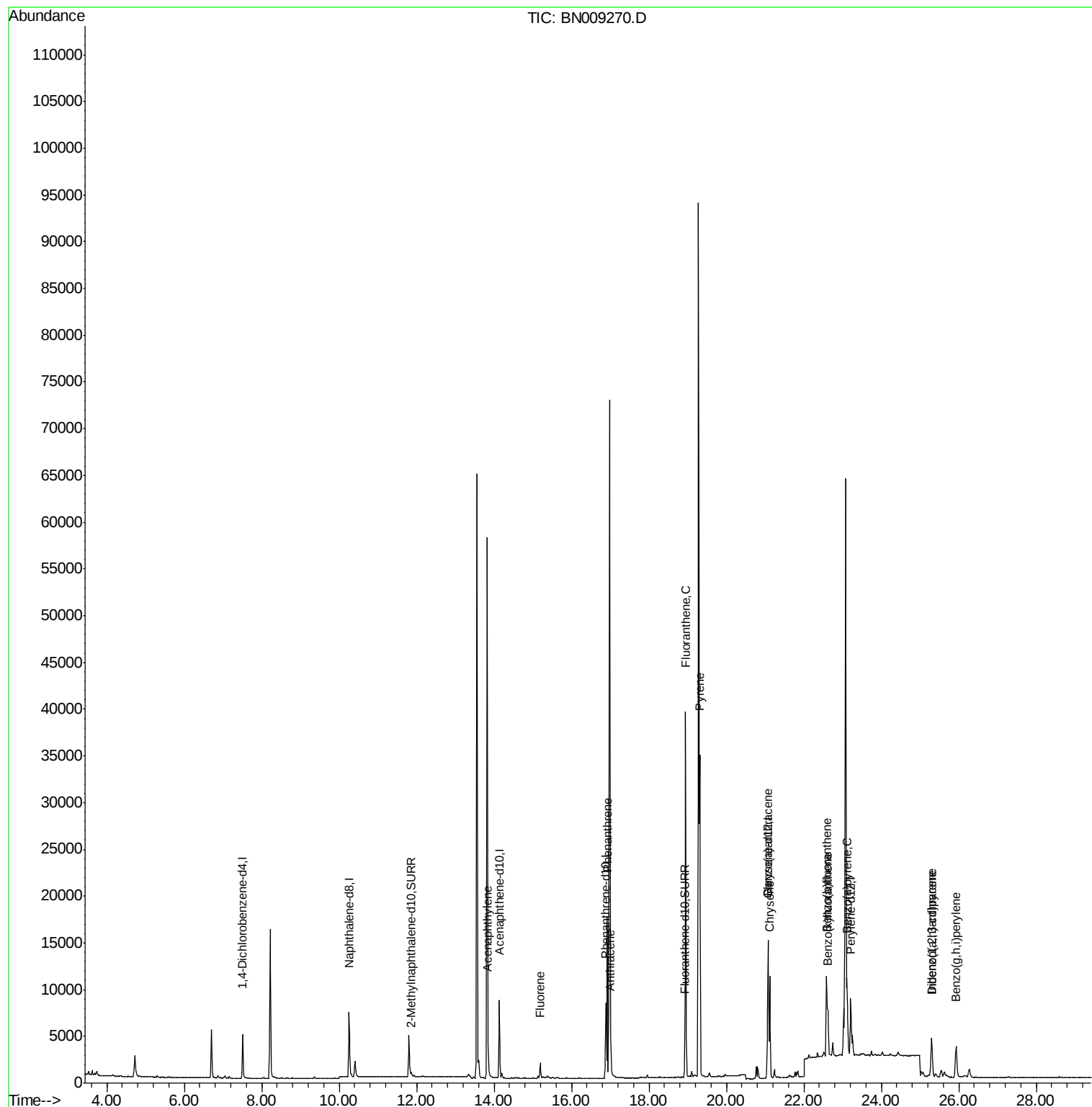
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN123019\
Data File : BN009270.D
Acq On : 30 Dec 2019 21:18
Operator : JU
Sample : K6322-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

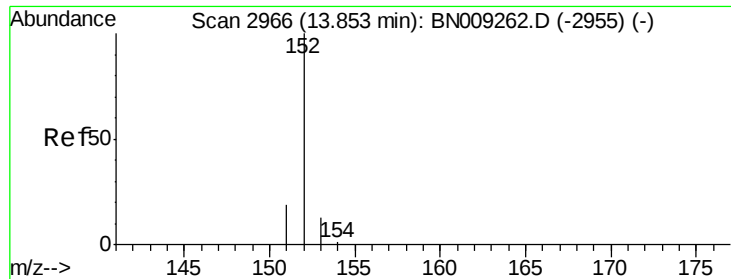
Instrument :
BNA_N
ClientSampleId :
C0C95DL

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Quant Time: Dec 31 01:58:47 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 : Tue Dec 31 00:59:26 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.075 ng/ul

RT: 13.85 min Scan# 2966

Delta R.T. 0.00 min

Lab File: BN009270.D

Acq: 30 Dec 2019 21:18

Instrument :

BNA_N

ClientSampleId :

C0C95DL

Tot Ion:152 Resp: 1788

Ion Ratio Lower Upper

152 100

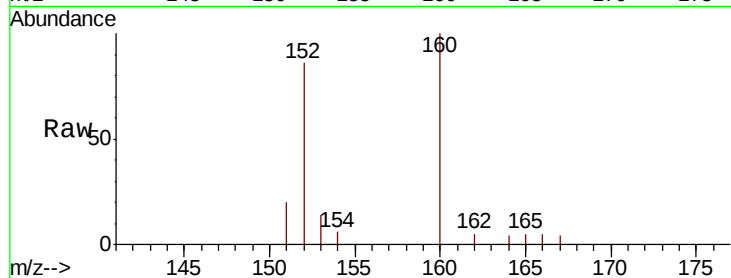
151 22.8 15.7 23.5

153 16.5 10.8 16.2#

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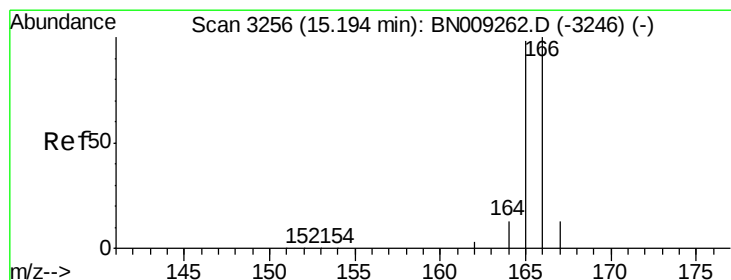
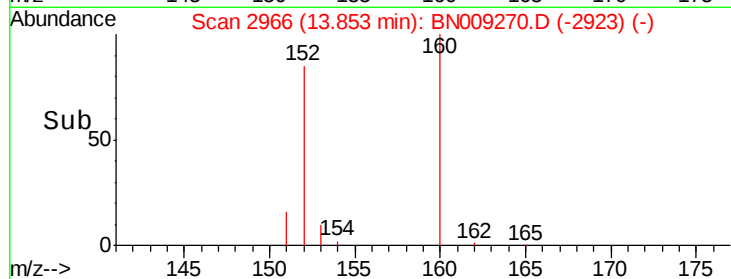
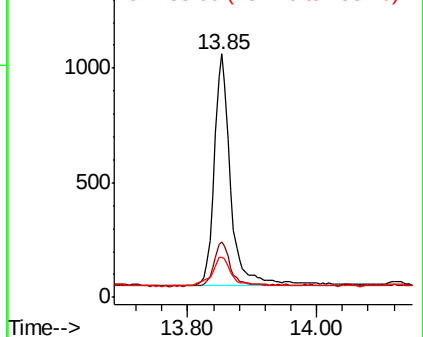
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#9

Fluorene

Concen: 0.049 ng/ul

RT: 15.19 min Scan# 3256

Delta R.T. 0.00 min

Lab File: BN009270.D

Acq: 30 Dec 2019 21:18

Tgt Ion:166 Resp: 1084

Ion Ratio Lower Upper

166 100

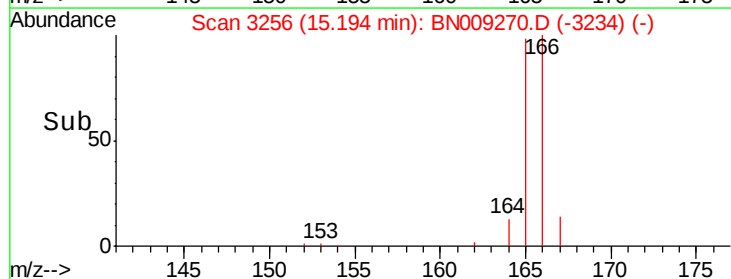
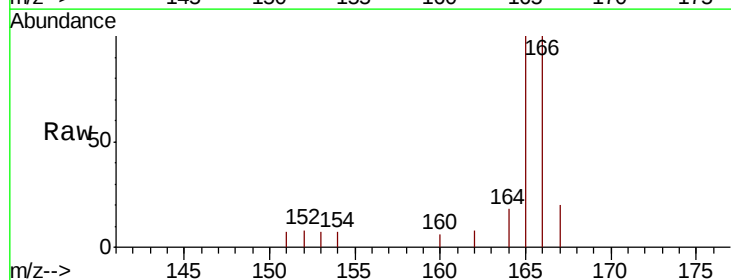
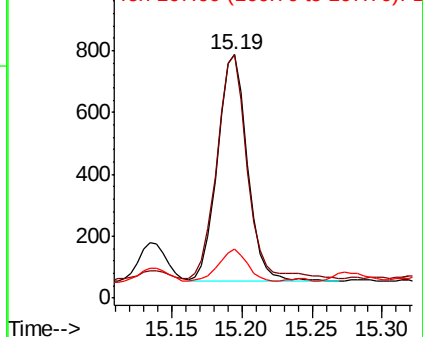
165 100.1 78.2 117.4

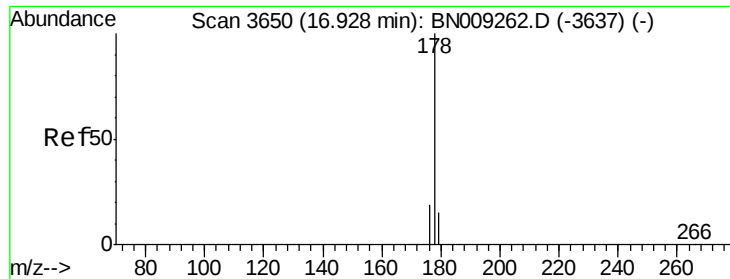
167 20.2 11.0 16.6#

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: 0.569 ng/ul

RT: 16.92 min Scan# 3649

Delta R.T. -0.00 min

Lab File: BN009270.D

Acq: 30 Dec 2019 21:18

Instrument :

BNA_N

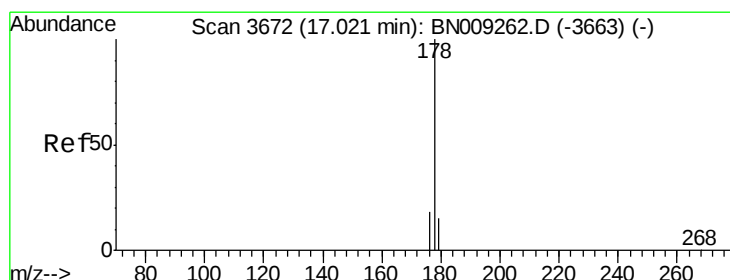
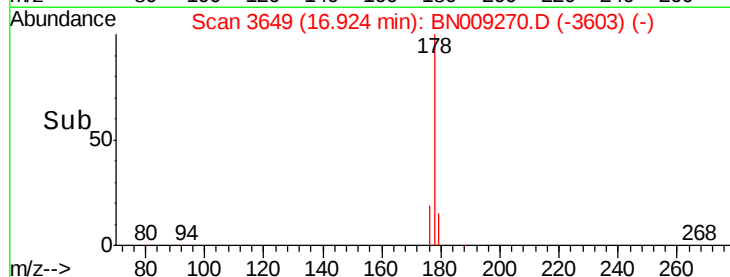
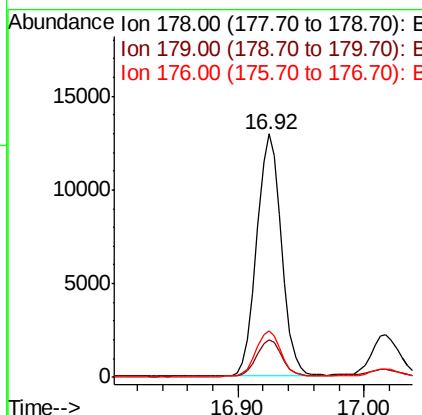
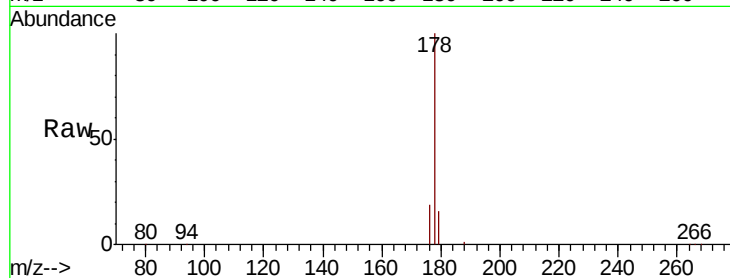
ClientSampleId :

C0C95DL

Tot Ion:	178	Resp:	17587
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.3	18.5
176	19.1	15.1	22.7

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#13

Anthracene

Concen: 0.120 ng/ul

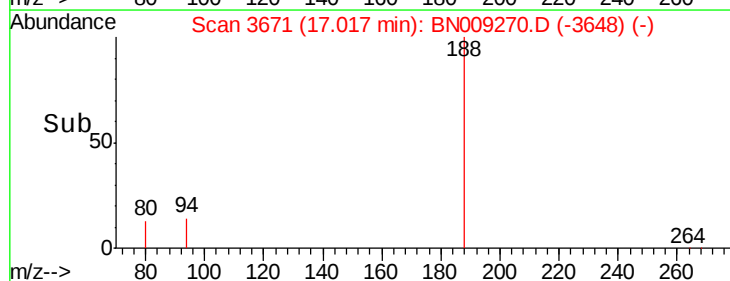
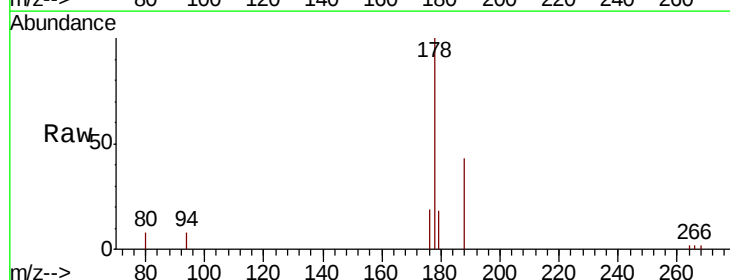
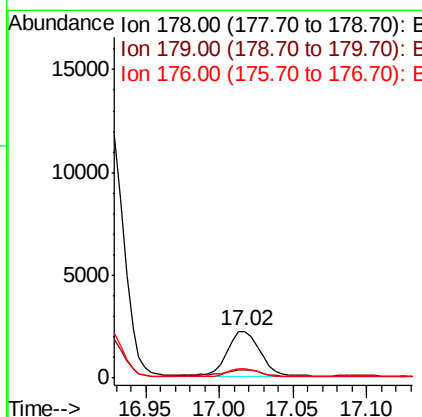
RT: 17.02 min Scan# 3671

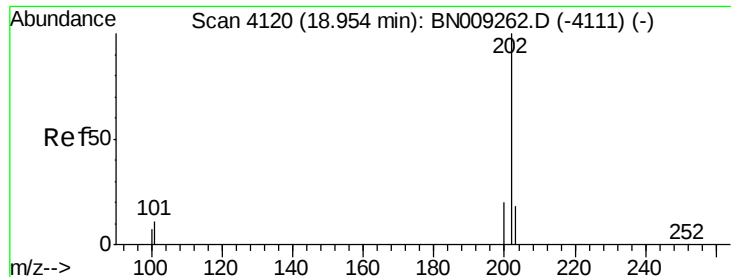
Delta R.T. -0.00 min

Lab File: BN009270.D

Acq: 30 Dec 2019 21:18

Tgt Ion:	178	Resp:	3332
Ion Ratio	Lower	Upper	
178	100		
179	17.8	12.5	18.7
176	19.2	14.9	22.3





#15

Fluoranthene

Concen: 0.916 ng/ul

RT: 18.95 min Scan# 4119

Delta R.T. -0.00 min

Lab File: BN009270.D

Acq: 30 Dec 2019 21:18

Instrument :

BNA_N

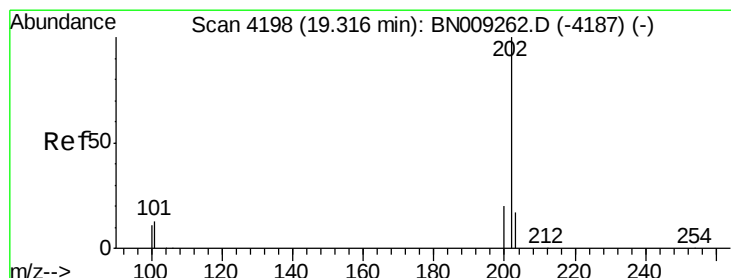
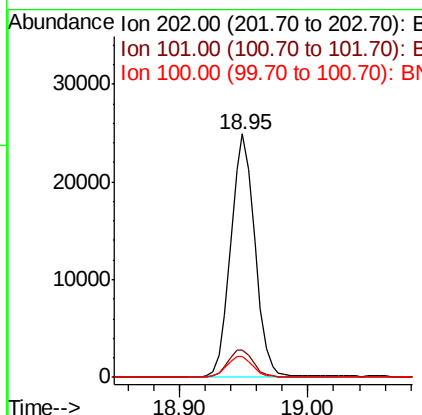
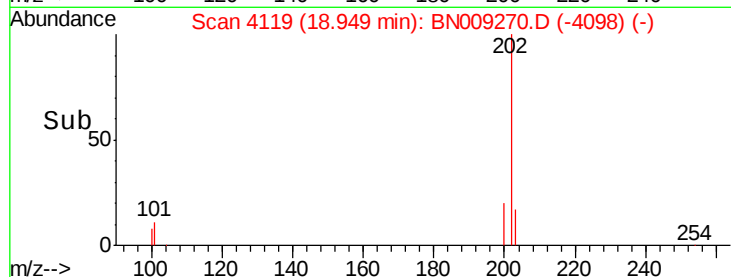
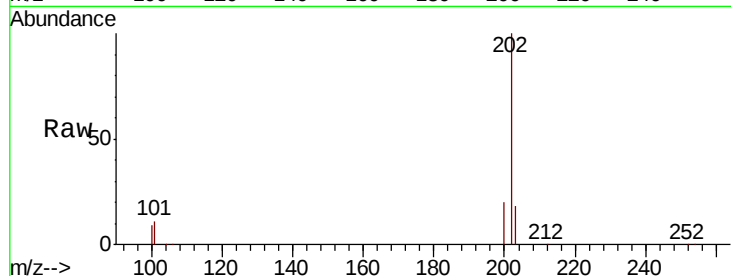
ClientSampleId :

C0C95DL

Tot Ion:	202	Resp:	32393
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	31.5
100	8.7	0.0	28.9

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#17

Pyrene

Concen: 0.775 ng/ul

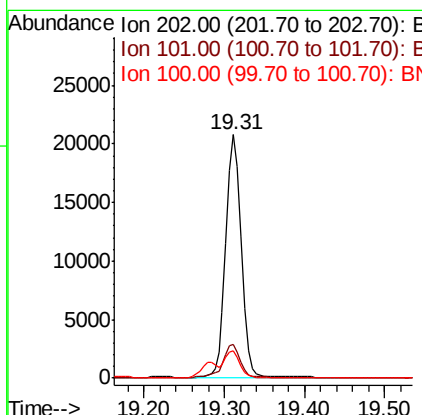
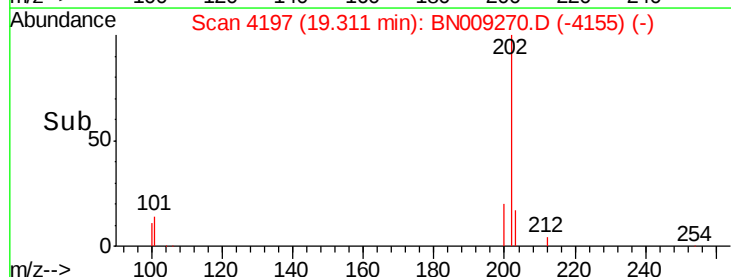
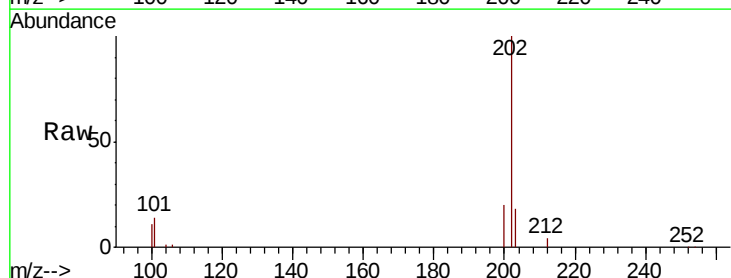
RT: 19.31 min Scan# 4197

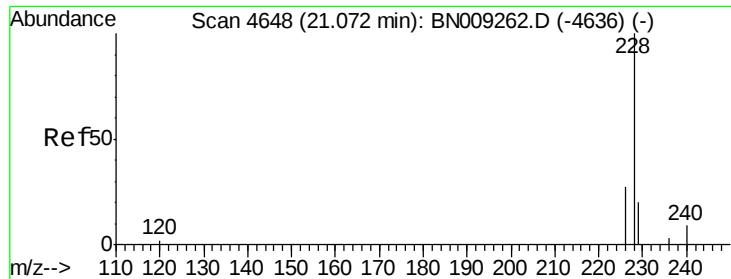
Delta R.T. -0.00 min

Lab File: BN009270.D

Acq: 30 Dec 2019 21:18

Tgt Ion:	202	Resp:	27585
Ion Ratio	Lower	Upper	
202	100		
101	13.8	10.9	16.3
100	11.1	9.0	13.6





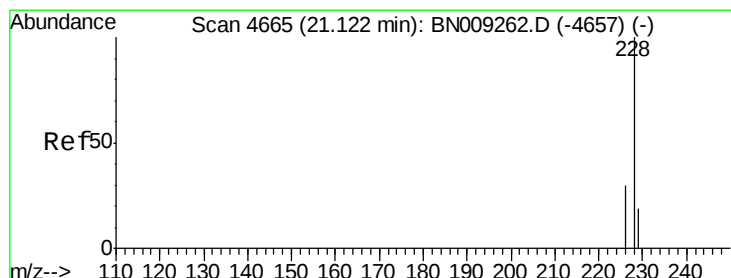
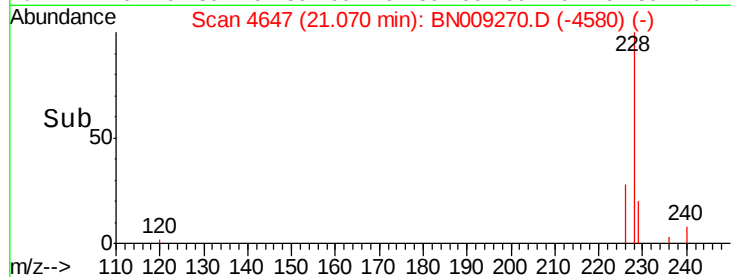
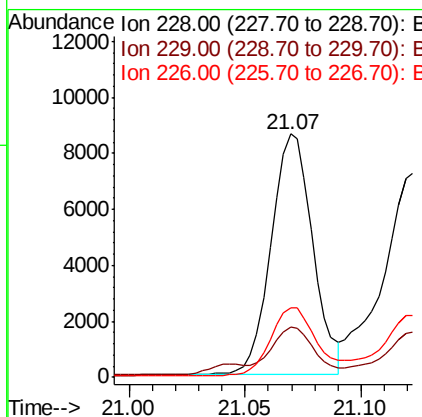
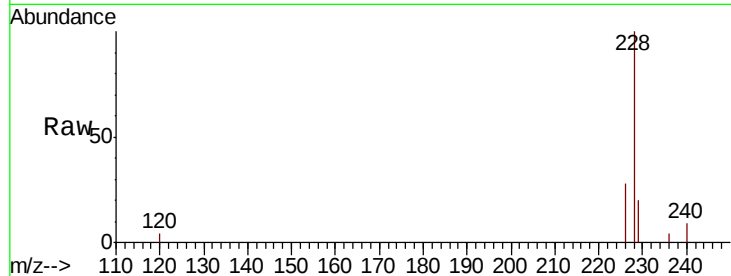
#18
Benzo(a)anthracene
Concen: 0.348 ng/ul
RT: 21.07 min Scan# 4647
Delta R.T. -0.00 min
Lab File: BN009270.D
Acq: 30 Dec 2019 21:18

Instrument :
BNA_N
ClientSampleId :
C0C95DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.5	23.3
226	28.4	21.7	32.5

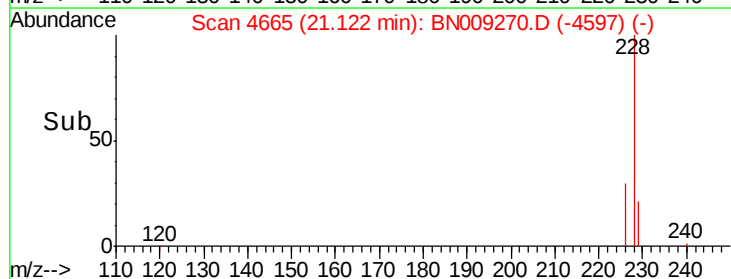
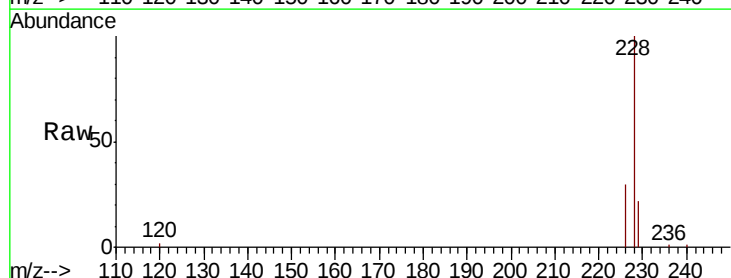
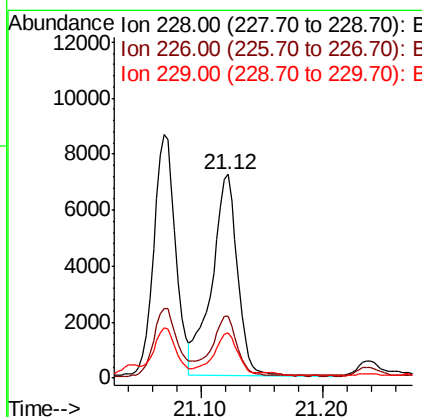
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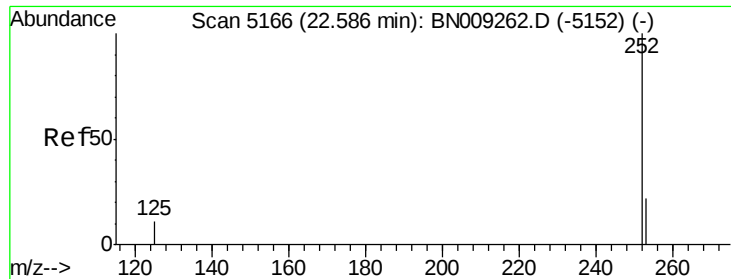
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#19
Chrysene
Concen: 0.340 ng/ul
RT: 21.12 min Scan# 4665
Delta R.T. 0.00 min
Lab File: BN009270.D
Acq: 30 Dec 2019 21:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.7	35.5
229	22.3	15.4	23.0





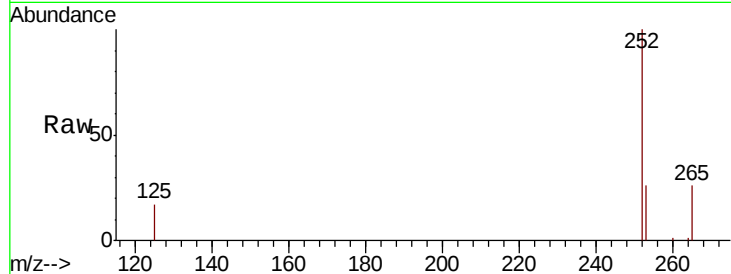
#21
Benzo(b)fluoranthene
Concen: 0.391 ng/ul m
RT: 22.59 min Scan# 5166
Delta R.T. 0.00 min
Lab File: BN009270.D
Acq: 30 Dec 2019 21:18

Instrument :
BNA_N
ClientSampleId :
C0C95DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.0	0.0	48.2
125	16.8	0.0	30.0

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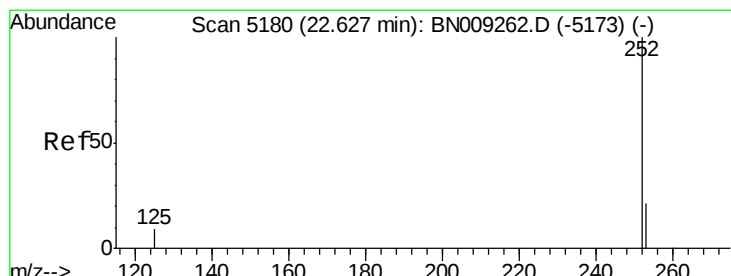
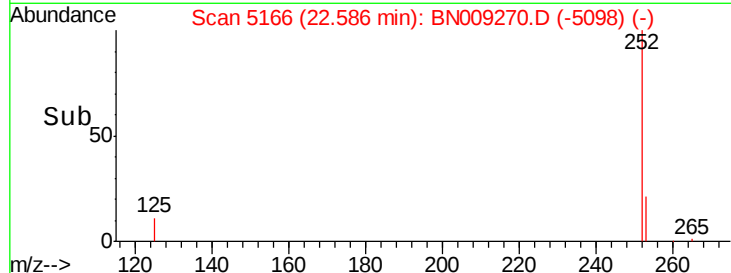
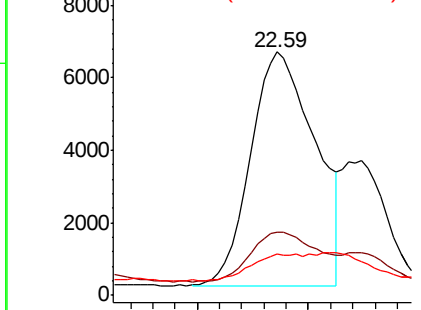


Abundance

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



#22
Benzo(k)fluoranthene
Concen: 0.147 ng/ul m
RT: 22.62 min Scan# 5179
Delta R.T. -0.00 min
Lab File: BN009270.D
Acq: 30 Dec 2019 21:18

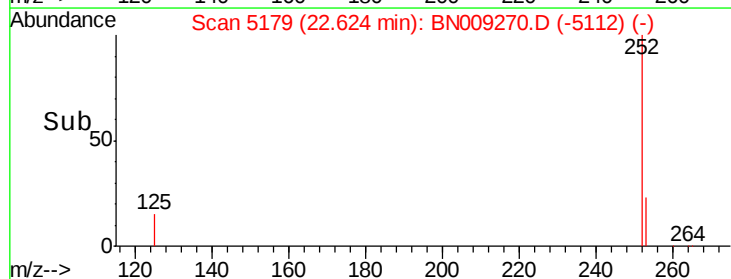
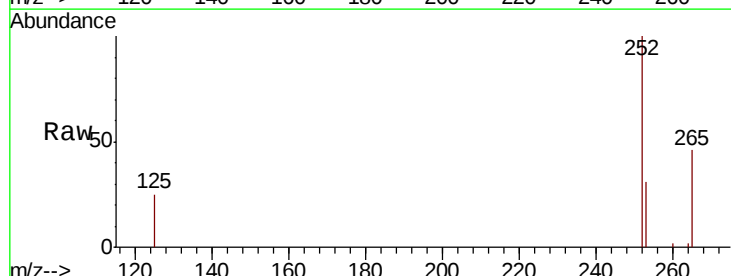
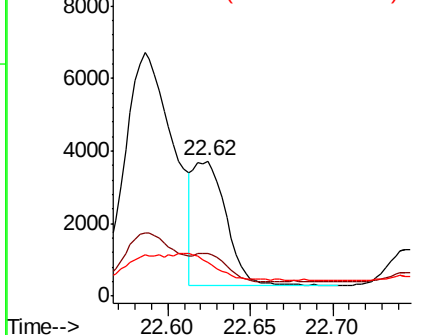
Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.4	19.4	29.0#
125	24.6	12.4	18.6#

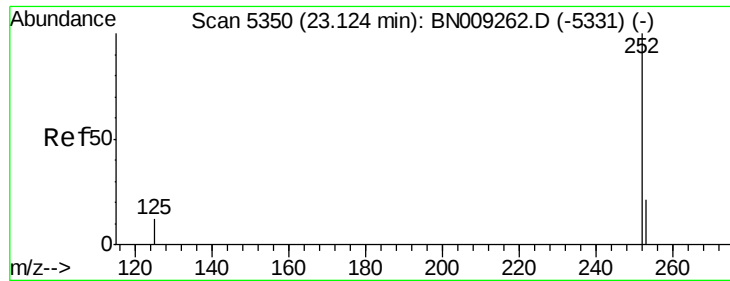
Abundance

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





#23

Benzo(a)pyrene

Concen: 0.327 ng/ul

RT: 23.12 min Scan# 5348

Delta R.T. -0.01 min

Lab File: BN009270.D

Acq: 30 Dec 2019 21:18

Instrument :

BNA_N

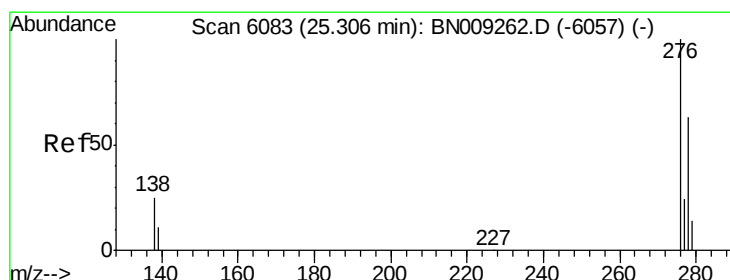
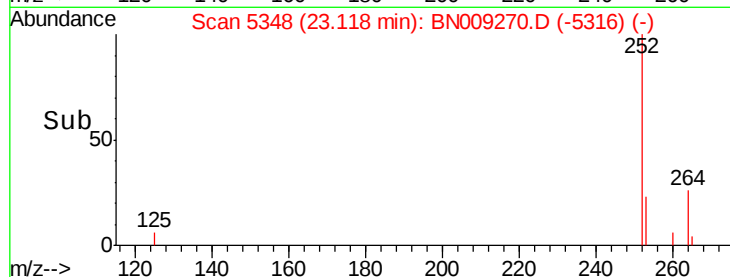
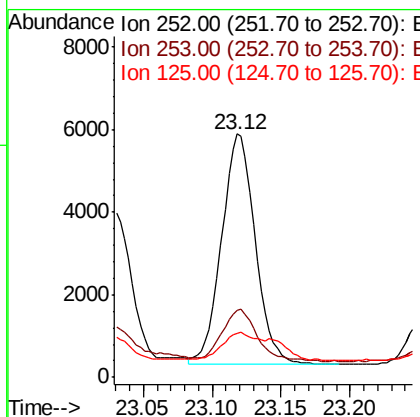
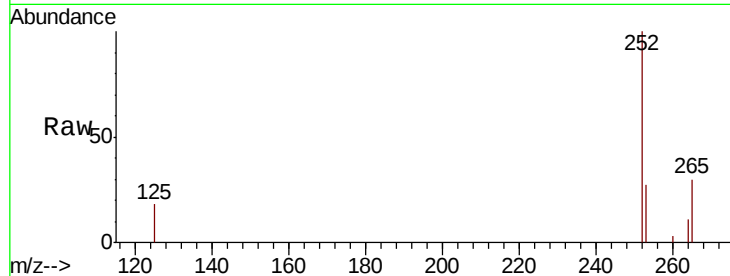
ClientSampleId :

C0C95DL

Tot Ion:	252	Resp:	9508
Ion Ratio	Lower	Upper	
252	100		
253	27.4	20.2	30.4
125	18.0	13.2	19.8

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.200 ng/ul

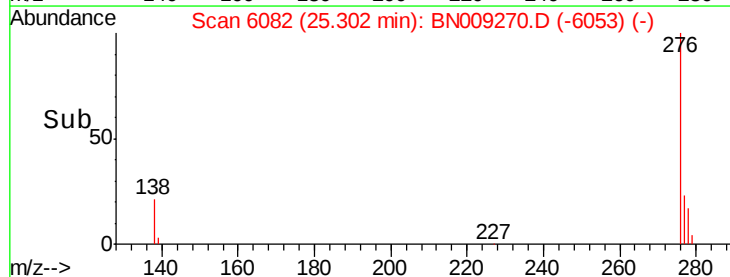
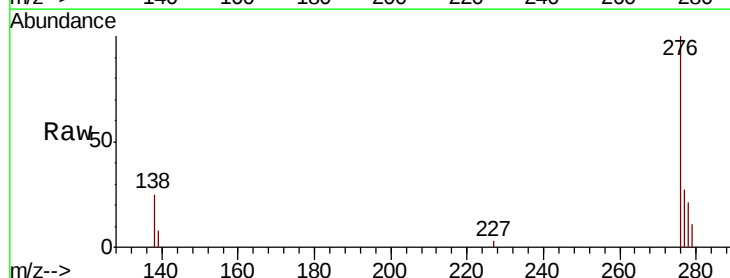
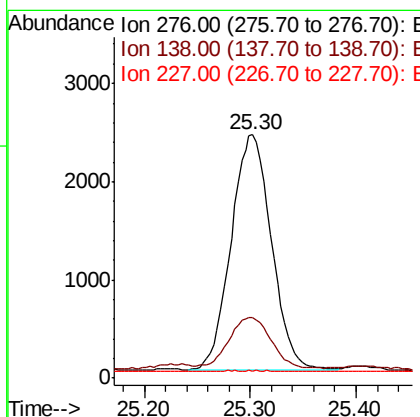
RT: 25.30 min Scan# 6082

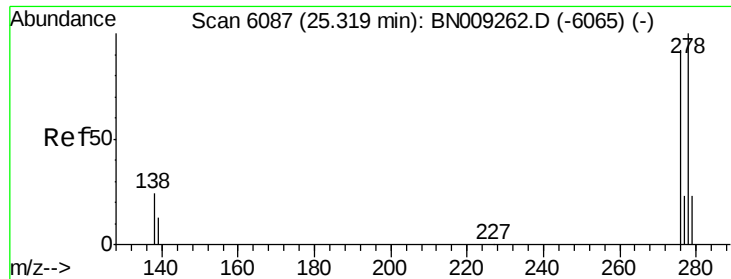
Delta R.T. -0.00 min

Lab File: BN009270.D

Acq: 30 Dec 2019 21:18

Tgt Ion:	276	Resp:	6341
Ion Ratio	Lower	Upper	
276	100		
138	22.5	22.4	33.6
227	0.1	0.2	0.4#





#25

Dibenzo(a,h)anthracene

Concen: 0.056 ng/ul

RT: 25.31 min Scan# 6085

Delta R.T. -0.01 min

Lab File: BN009270.D

Acq: 30 Dec 2019 21:18

Instrument :

BNA_N

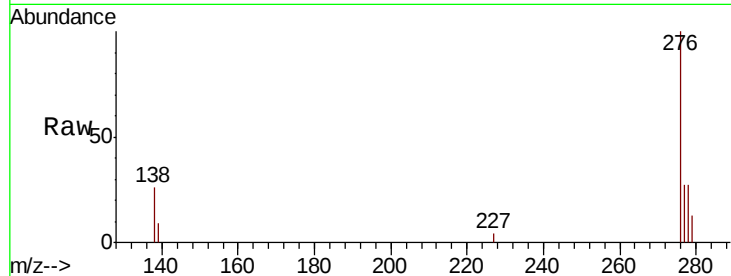
ClientSampleId :

C0C95DL

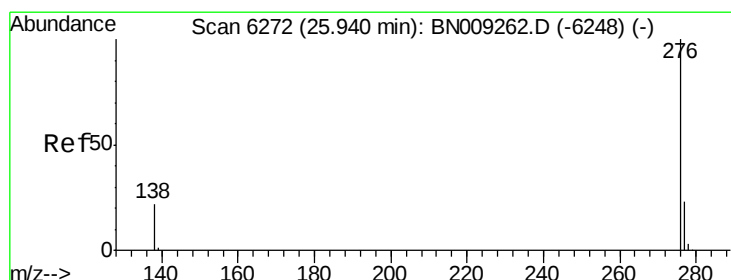
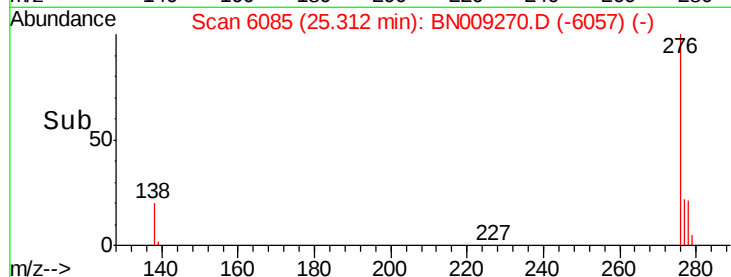
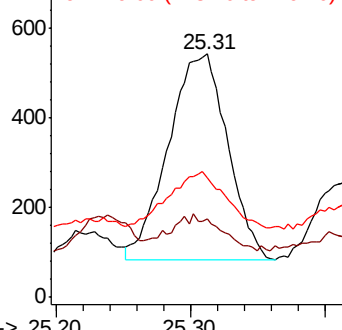
Tot Ion:	278	Resp:	1405
Ion Ratio	Lower	Upper	
278	100		
139	32.3	16.2	24.2#
279	49.3	20.3	30.5#

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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: 0.241 ng/ul

RT: 25.93 min Scan# 6269

Delta R.T. -0.01 min

Lab File: BN009270.D

Acq: 30 Dec 2019 21:18

Tgt Ion:	276	Resp:	6441
Ion Ratio	Lower	Upper	
276	100		
138	26.1	20.6	30.8
277	26.2	19.6	29.4

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

