

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN123119\
 Data File : BN009278.D
 Acq On : 31 Dec 2019 13:12
 Operator : JU
 Sample : K6322-12DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BT7DL

Manual Integrations
 APPROVED

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Quant Time: Dec 31 13:50:05 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 11:02:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2430	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	8751	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.13	164	4539	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.88	188	8562	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	6495	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	6576	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	602	0.04	ng/ul	0.01
14) Fluoranthene-d10	18.92	212	1145	0.05	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.85	152	1557	0.065	ng/ul#	90
9) Fluorene	15.19	166	545	0.025	ng/ul#	94
12) Phenanthrene	16.92	178	13436	0.451	ng/ul	99
13) Anthracene	17.02	178	2407	0.090	ng/ul#	94
15) Fluoranthene	18.95	202	26979	0.792	ng/ul	99
17) Pyrene	19.31	202	22353	0.675	ng/ul	99
18) Benzo(a)anthracene	21.07	228	8787	0.305	ng/ul	96
19) Chrysene	21.12	228	10077	0.348	ng/ul	97
21) Benzo(b)fluoranthene	22.59	252	12158m	0.396	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	4874m	0.157	ng/ul	
23) Benzo(a)pyrene	23.12	252	7834	0.291	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.30	276	5692	0.194	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.31	278	1376	0.059	ng/ul#	59
26) Benzo(g,h,i)perylene	25.94	276	5487	0.222	ng/ul	97

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

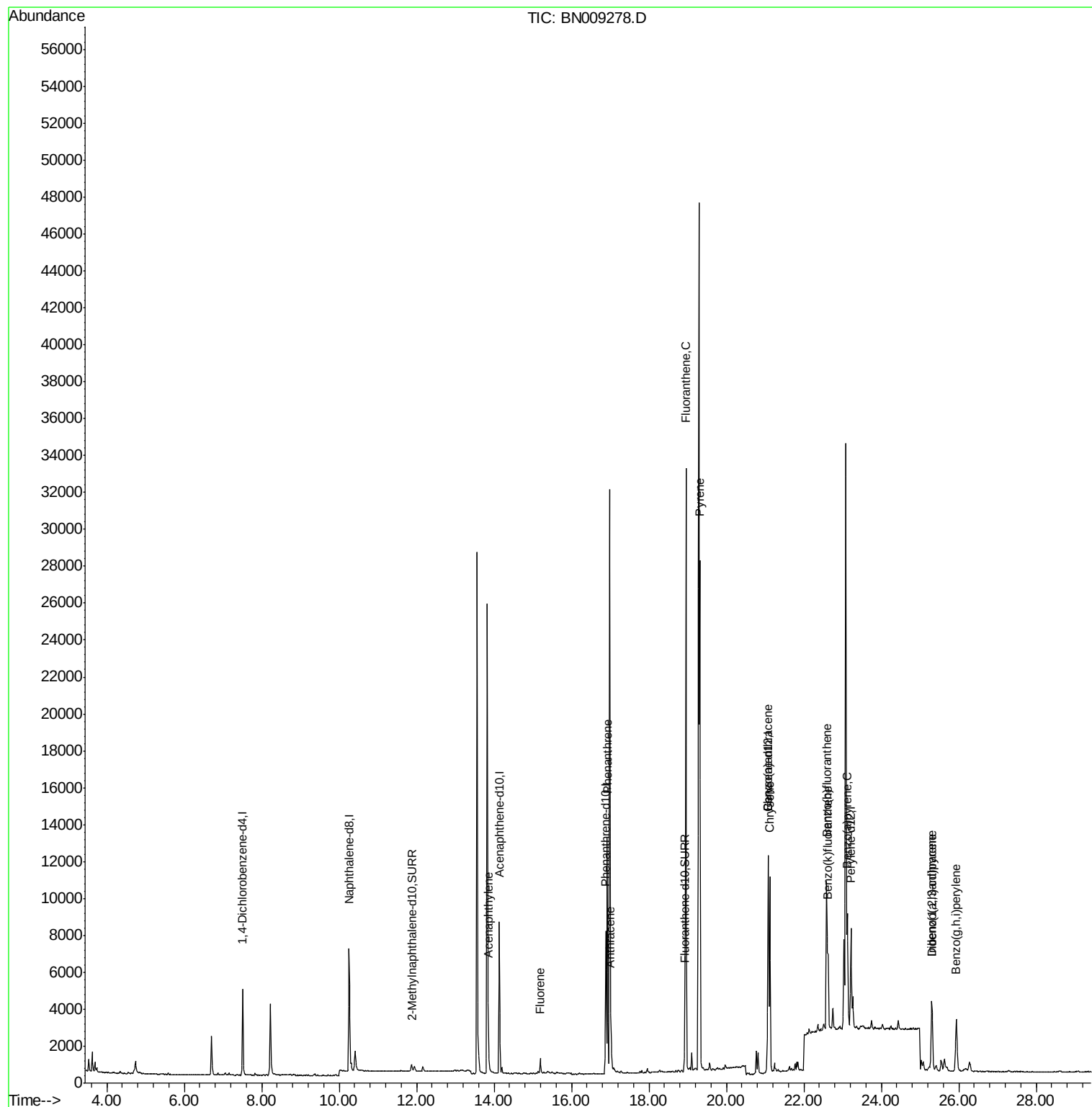
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN123119\
Data File : BN009278.D
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Sample : K6322-12DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

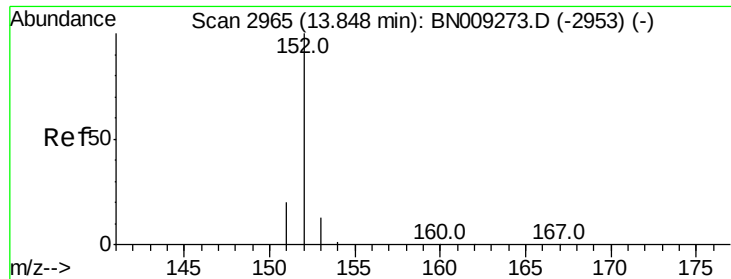
Instrument :
BNA_N
ClientSampleId :
C0BT7DL

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Quant Time: Dec 31 13:50:05 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 11:02:23 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.065 ng/ul

RT: 13.85 min Scan# 2966

Delta R.T. 0.00 min

Lab File: BN009278.D

Acq: 31 Dec 2019 13:12

Instrument :

BNA_N

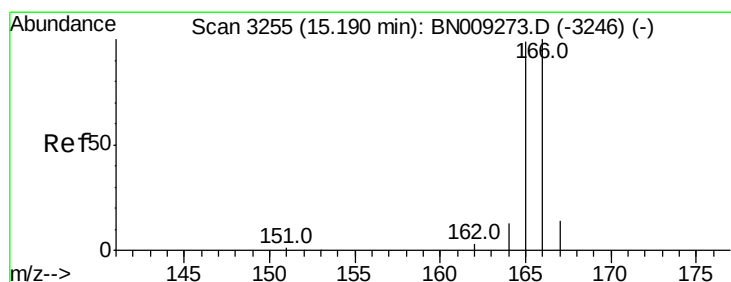
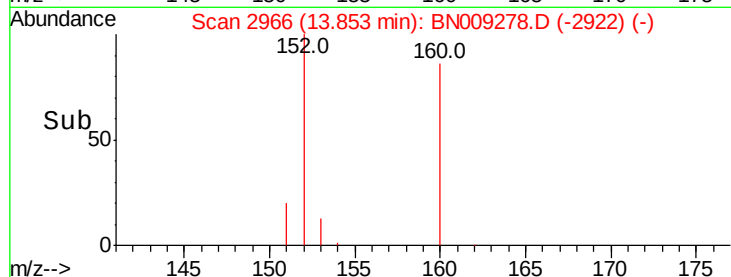
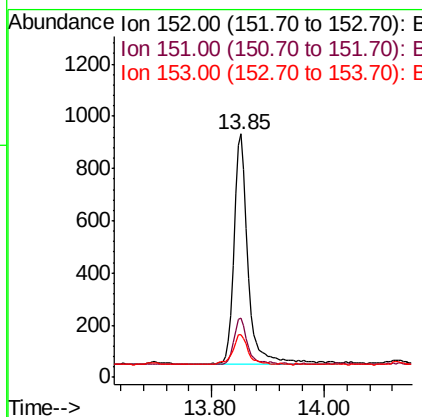
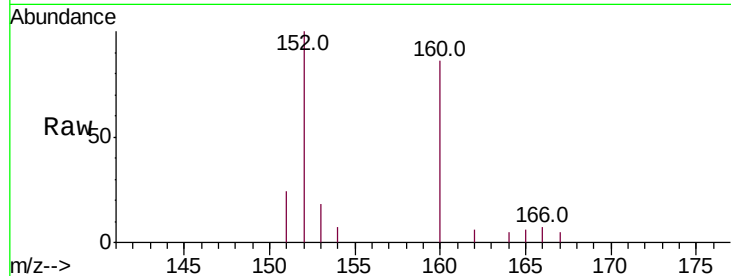
ClientSampleId :

C0BT7DL

Tot Ion:	152	Resp:	1557
Ion Ratio	Lower	Upper	
152	100		
151	24.2	15.7	23.5#
153	17.6	10.8	16.2#

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#9

Fluorene

Concen: 0.025 ng/ul

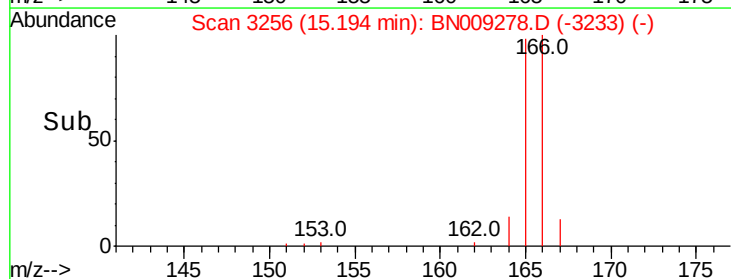
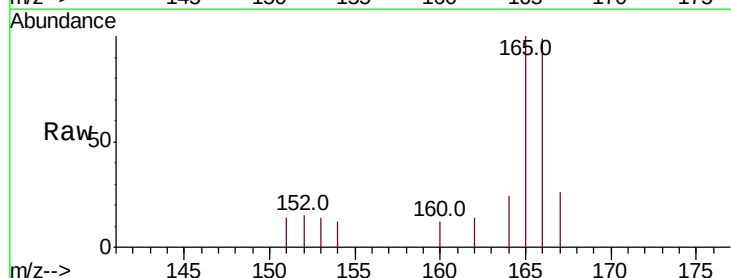
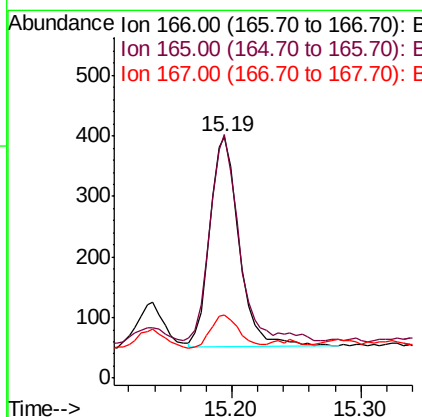
RT: 15.19 min Scan# 3256

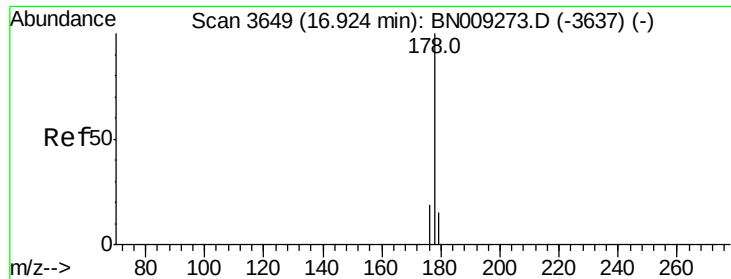
Delta R.T. 0.00 min

Lab File: BN009278.D

Acq: 31 Dec 2019 13:12

Tgt Ion:	166	Resp:	545
Ion Ratio	Lower	Upper	
166	100		
165	100.8	78.2	117.4
167	26.1	11.0	16.6#





#12

Phenanthrene

Concen: 0.451 ng/ul

RT: 16.92 min Scan# 3649

Delta R.T. 0.00 min

Lab File: BN009278.D

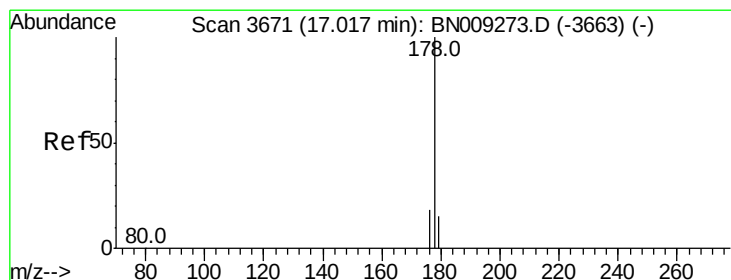
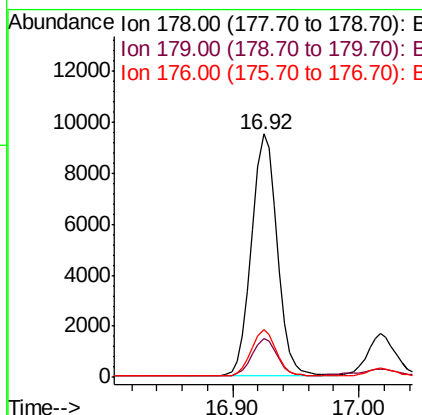
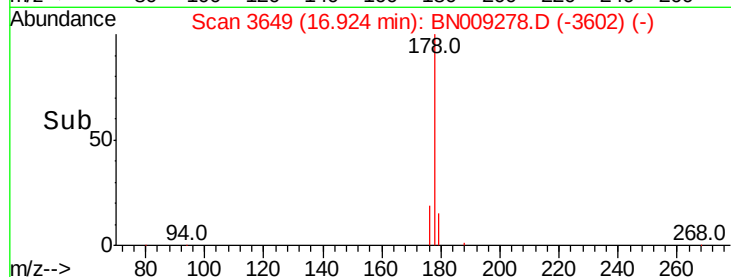
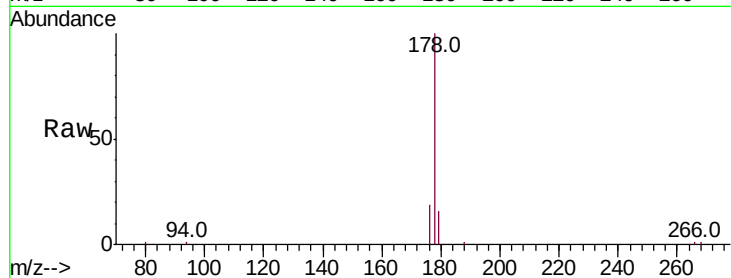
Acq: 31 Dec 2019 13:12

Instrument :
BNA_N
ClientSampleId :
C0BT7DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.4	15.1	22.7

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#13

Anthracene

Concen: 0.090 ng/ul

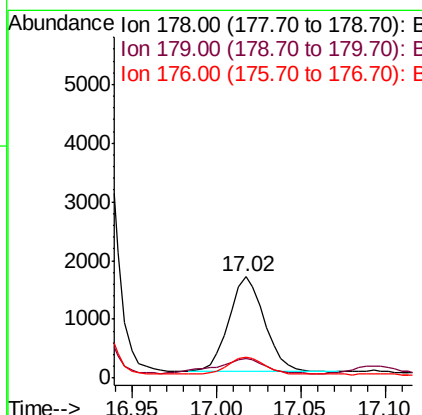
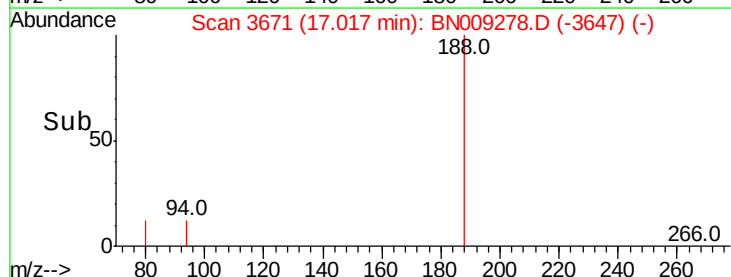
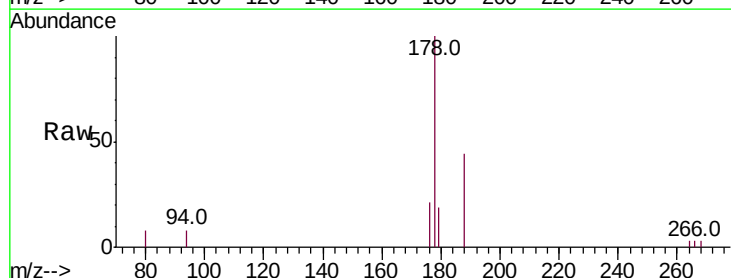
RT: 17.02 min Scan# 3671

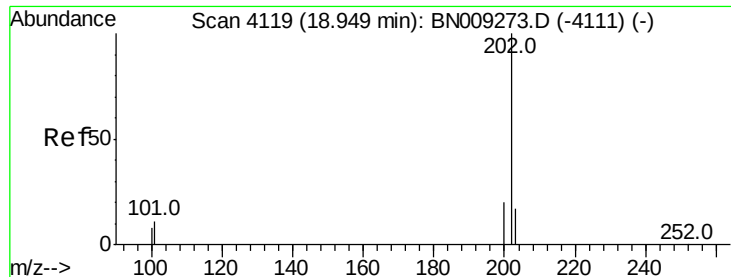
Delta R.T. 0.00 min

Lab File: BN009278.D

Acq: 31 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.1	12.5	18.7#
176	20.7	14.9	22.3





#15

Fluoranthene

Concen: 0.792 ng/ul

RT: 18.95 min Scan# 4119

Delta R.T. 0.00 min

Lab File: BN009278.D

Acq: 31 Dec 2019 13:12

Instrument :

BNA_N

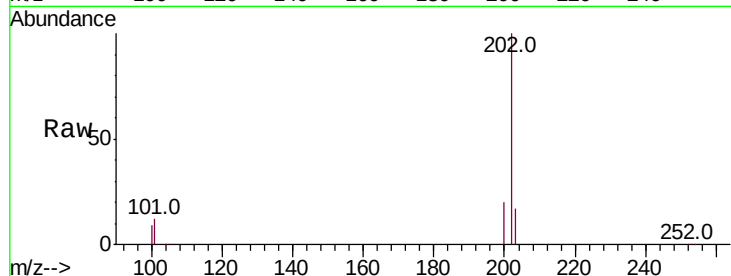
ClientSampled :

C0BT7DL

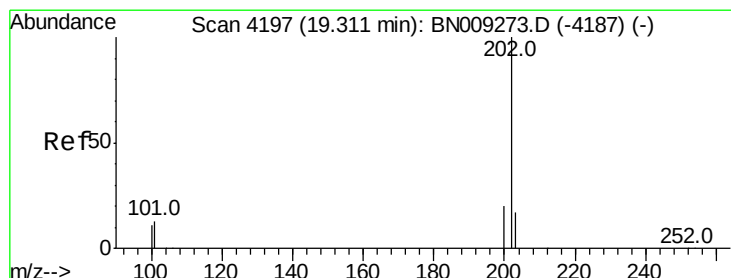
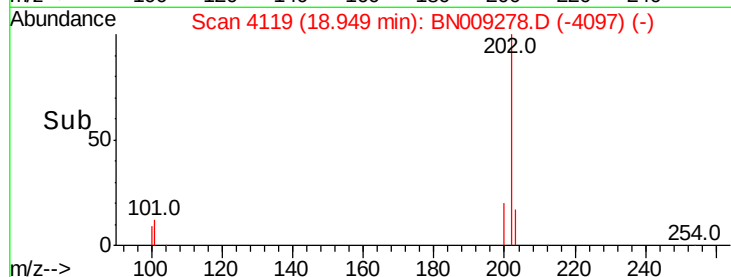
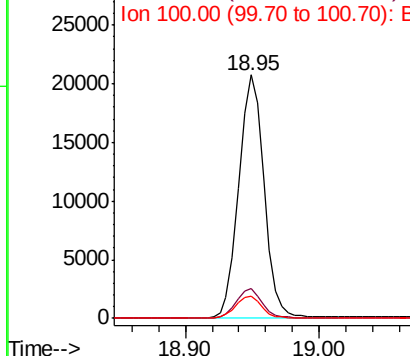
Tot Ion:	202	Resp:	26979
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	31.5
100	9.1	0.0	28.9

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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: 0.675 ng/ul

RT: 19.31 min Scan# 4197

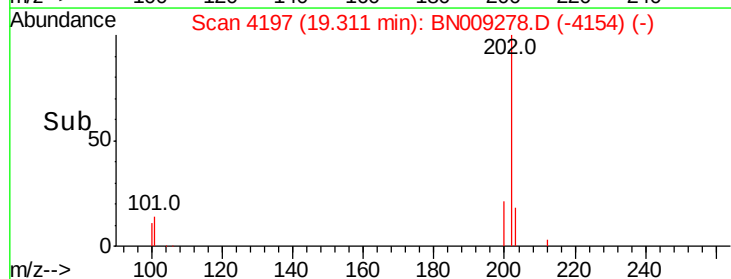
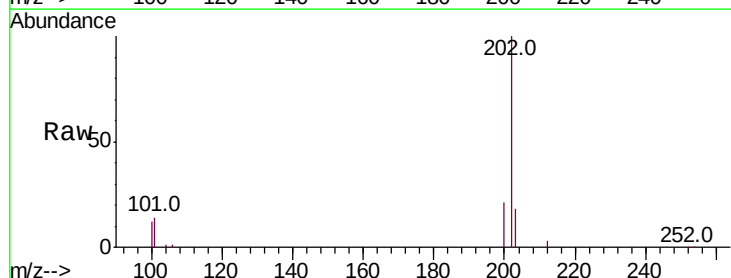
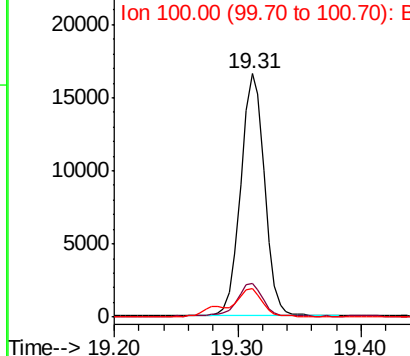
Delta R.T. 0.00 min

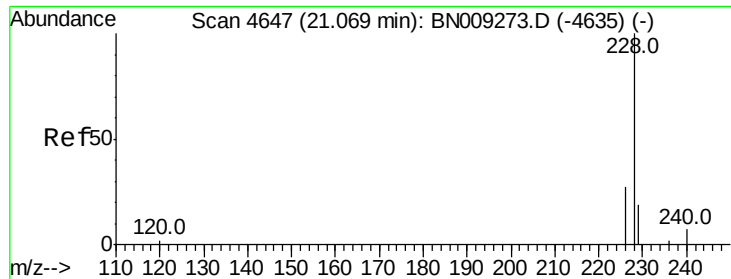
Lab File: BN009278.D

Acq: 31 Dec 2019 13:12

Tgt Ion:	202	Resp:	22353
Ion Ratio	Lower	Upper	
202	100		
101	13.9	10.9	16.3
100	11.6	9.0	13.6

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: 0.305 ng/ul

RT: 21.07 min Scan# 4647

Delta R.T. 0.00 min

Lab File: BN009278.D

Acq: 31 Dec 2019 13:12

Instrument :

BNA_N

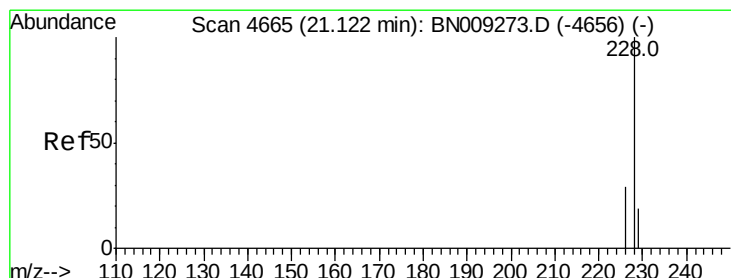
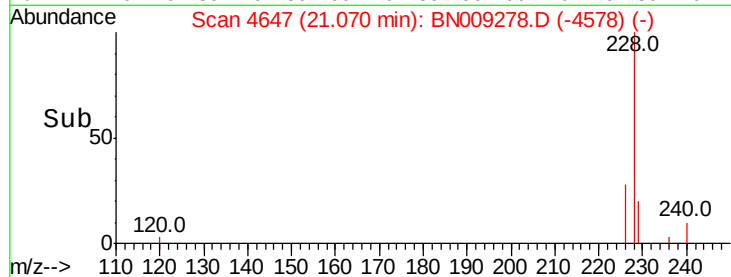
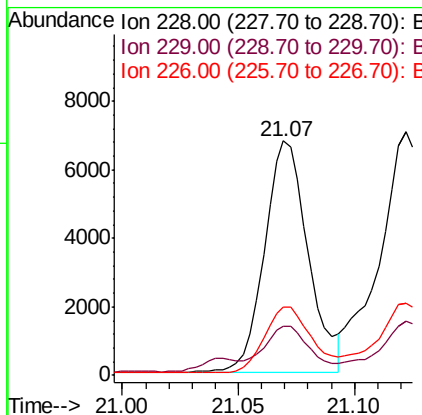
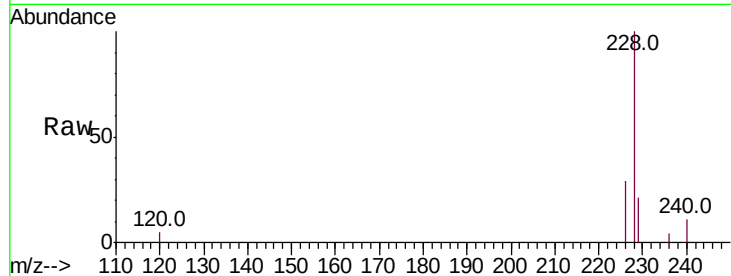
ClientSampleId :

C0BT7DL

Tot Ion:228	Resp:	8787
Ion Ratio	Lower	Upper
228 100		
229 21.2	15.5	23.3
226 28.9	21.7	32.5

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#19

Chrysene

Concen: 0.348 ng/ul

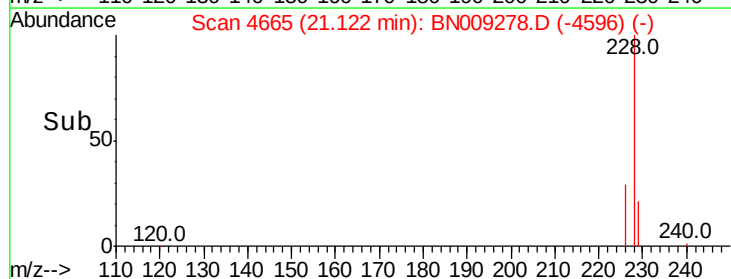
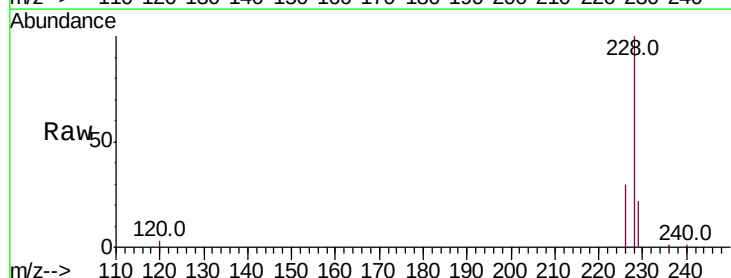
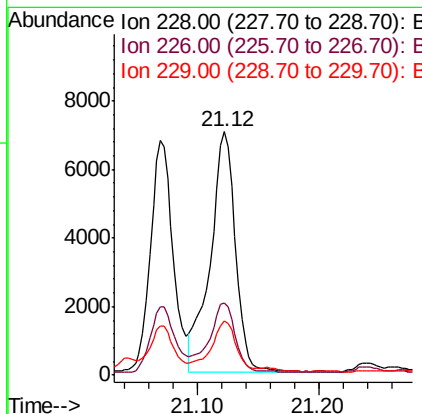
RT: 21.12 min Scan# 4665

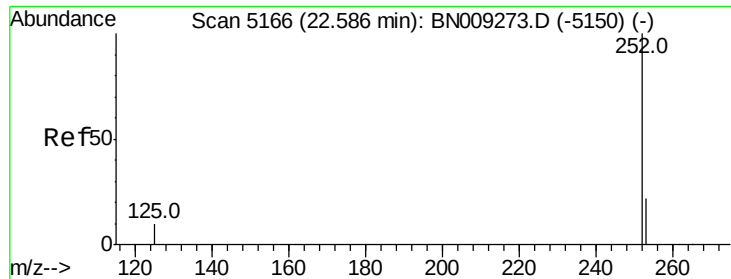
Delta R.T. 0.00 min

Lab File: BN009278.D

Acq: 31 Dec 2019 13:12

Tgt Ion:228	Resp:	10077
Ion Ratio	Lower	Upper
228 100		
226 29.9	23.7	35.5
229 22.0	15.4	23.0





#21

Benzo(b)fluoranthene

Concen: 0.396 ng/ul m

RT: 22.59 min Scan# 5166

Delta R.T. 0.00 min

Lab File: BN009278.D

Acq: 31 Dec 2019 13:12

Instrument :

BNA_N

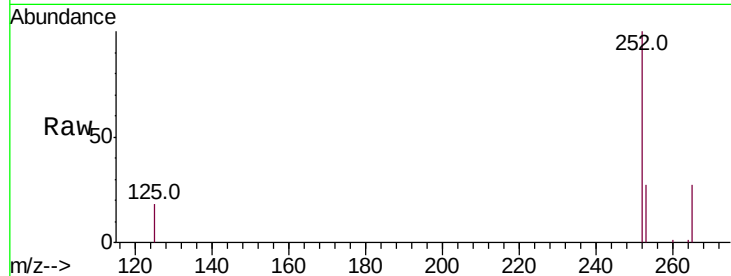
ClientSampleId :

C0BT7DL

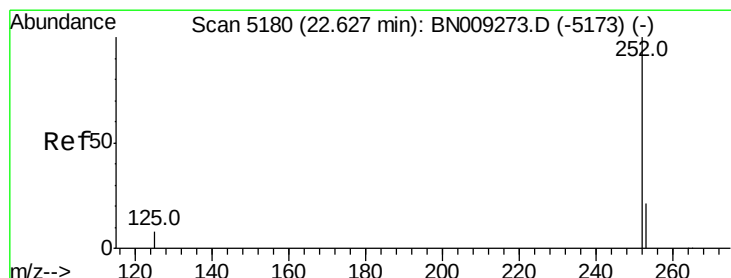
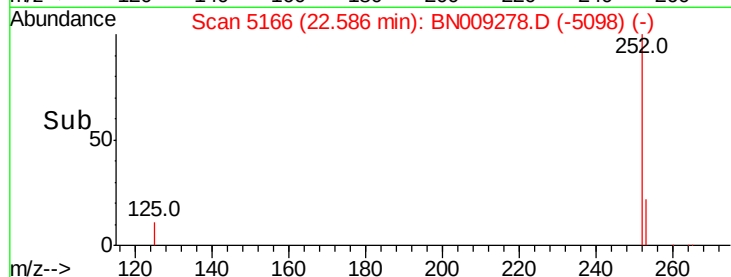
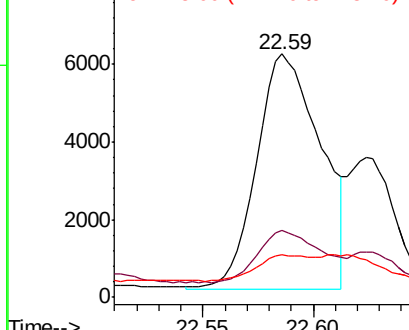
Tot Ion:	252	Resp:	12158
Ion Ratio	Lower	Upper	
252	100		
253	27.5	0.0	48.2
125	17.6	0.0	30.0

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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: 0.157 ng/ul m

RT: 22.62 min Scan# 5179

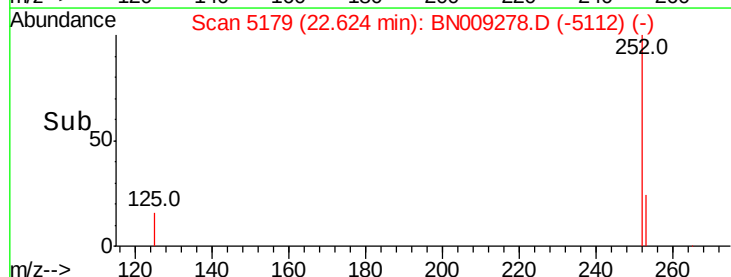
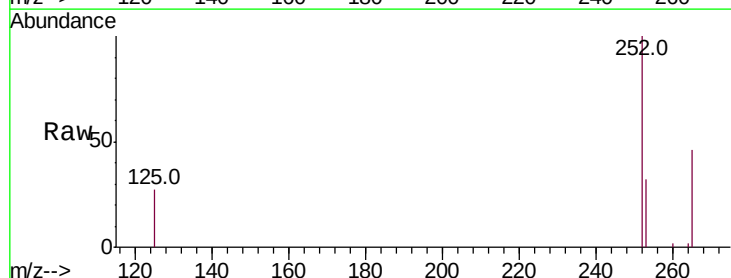
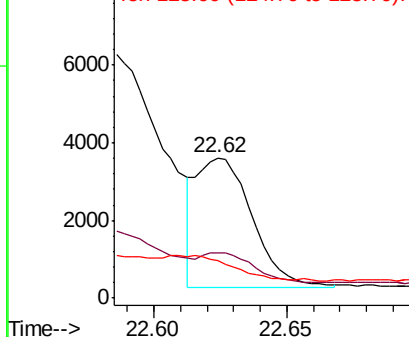
Delta R.T. -0.00 min

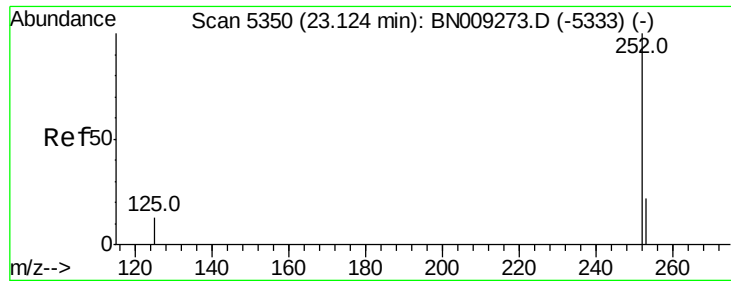
Lab File: BN009278.D

Acq: 31 Dec 2019 13:12

Tgt Ion:	252	Resp:	4874
Ion Ratio	Lower	Upper	
252	100		
253	32.5	19.4	29.0#
125	26.6	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: 0.291 ng/ul

RT: 23.12 min Scan# 5349

Delta R.T. -0.00 min

Lab File: BN009278.D

Acq: 31 Dec 2019 13:12

Instrument :

BNA_N

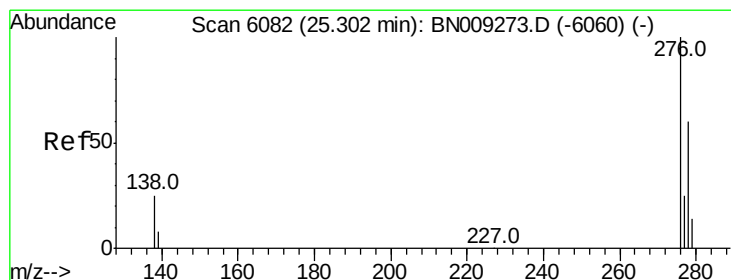
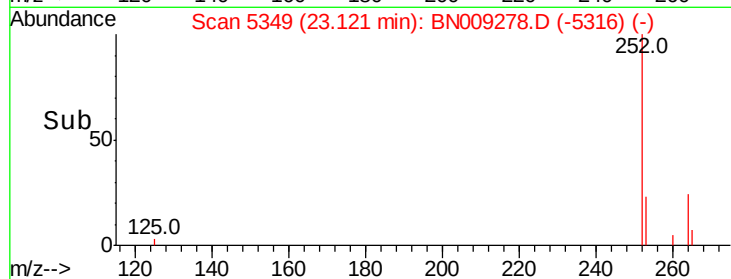
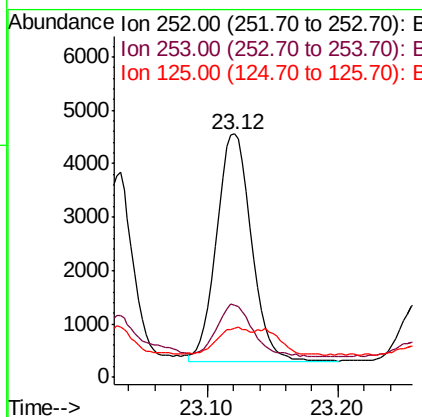
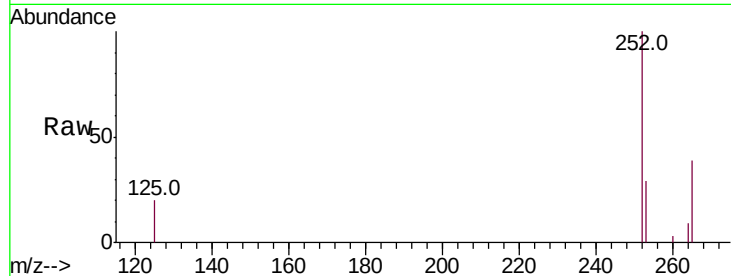
ClientSampleId :

C0BT7DL

Tot Ion:	252	Resp:	7834
Ion Ratio	Lower	Upper	
252	100		
253	29.4	20.2	30.4
125	20.1	13.2	19.8#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.194 ng/ul

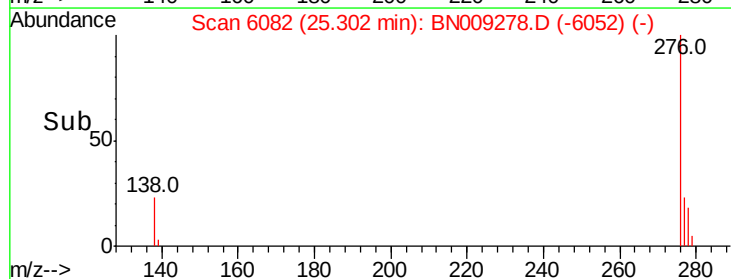
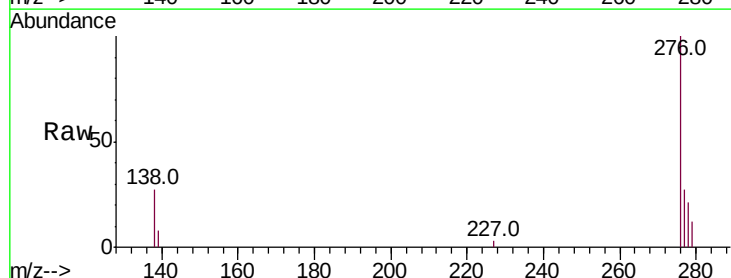
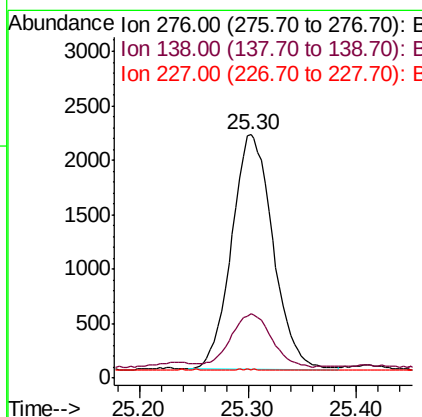
RT: 25.30 min Scan# 6082

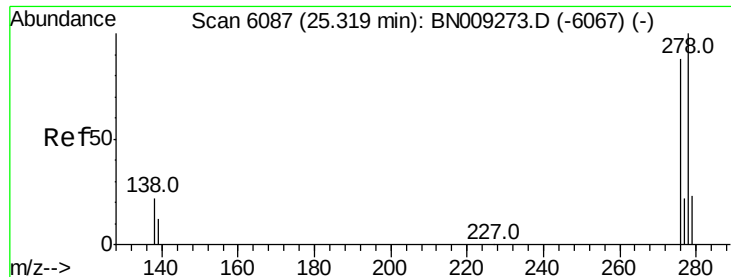
Delta R.T. 0.00 min

Lab File: BN009278.D

Acq: 31 Dec 2019 13:12

Tgt Ion:	276	Resp:	5692
Ion Ratio	Lower	Upper	
276	100		
138	22.3	22.4	33.6#
227	0.0	0.2	0.4#





#25

Dibenzo(a,h)anthracene

Concen: 0.059 ng/ul

RT: 25.31 min Scan# 6085

Delta R.T. -0.01 min

Lab File: BN009278.D

Acq: 31 Dec 2019 13:12

Instrument :

BNA_N

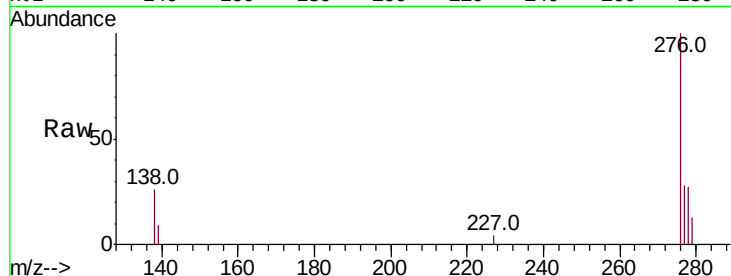
ClientSampleId :

C0BT7DL

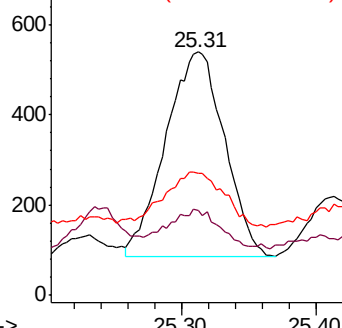
Tot Ion:278	Resp:	1376
Ion Ratio	Lower	Upper
278	100	
139	34.9	16.2 24.2#
279	49.9	20.3 30.5#

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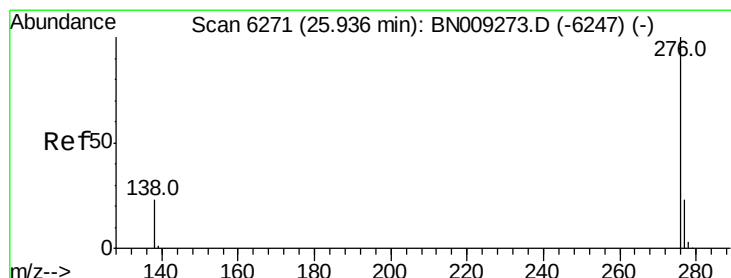
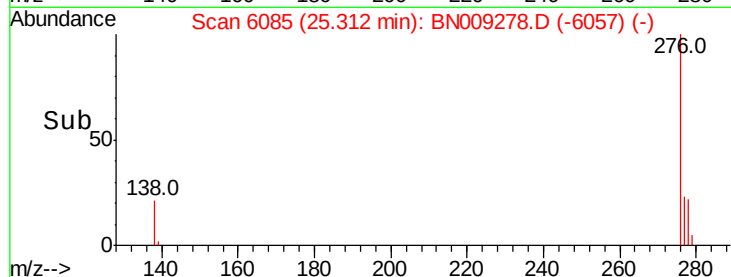
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->



#26

Benzo(g,h,i)perylene

Concen: 0.222 ng/ul

RT: 25.94 min Scan# 6271

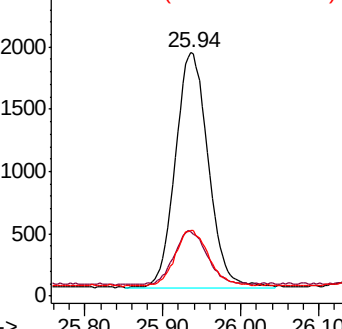
Delta R.T. 0.00 min

Lab File: BN009278.D

Acq: 31 Dec 2019 13:12

Tgt Ion:276	Resp:	5487
Ion Ratio	Lower	Upper
276	100	
138	26.5	20.6 30.8
277	27.1	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



Time-->

