

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012280.D
 Acq On : 16 Oct 2020 23:05
 Operator : CG/JU
 Sample : L4201-11DL 5X
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AL9DL

Manual Integrations
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Quant Time: Oct 17 00:24:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 23:42:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	2056	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	8683	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4890	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	9819	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	7877	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	7985	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	498	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	974	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	3184	0.127	ng/ul	98
5) 2-Methylnaphthalene	12.06	142	511	0.032	ng/ul	94
7) Acenaphthylene	13.98	152	2070	0.098	ng/ul	94
8) Acenaphthene	14.32	153	1264	0.070	ng/ul	97
9) Fluorene	15.31	166	1476	0.074	ng/ul#	97
11) Pentachlorophenol	16.66	266	109	0.038	ng/ul#	88
12) Phenanthrene	17.05	178	31943	1.021	ng/ul	98
13) Anthracene	17.14	178	6145	0.229	ng/ul	99
15) Fluoranthene	19.07	202	59831	1.635	ng/ul	98
17) Pyrene	19.44	202	51634	1.454	ng/ul	99
18) Benzo(a)anthracene	21.19	228	27184	0.932	ng/ul	98
19) Chrysene	21.24	228	27896	0.785	ng/ul	97
21) Benzo(b)fluoranthene	22.74	252	39098m	1.212	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	12776m	0.358	ng/ul	
23) Benzo(a)pyrene	23.30	252	25873	0.825	ng/ul#	57
24) Indeno(1,2,3-cd)pyrene	25.58	276	18707	0.464	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	4966	0.154	ng/ul#	62
26) Benzo(g,h,i)perylene	26.25	276	17398	0.471	ng/ul	95

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

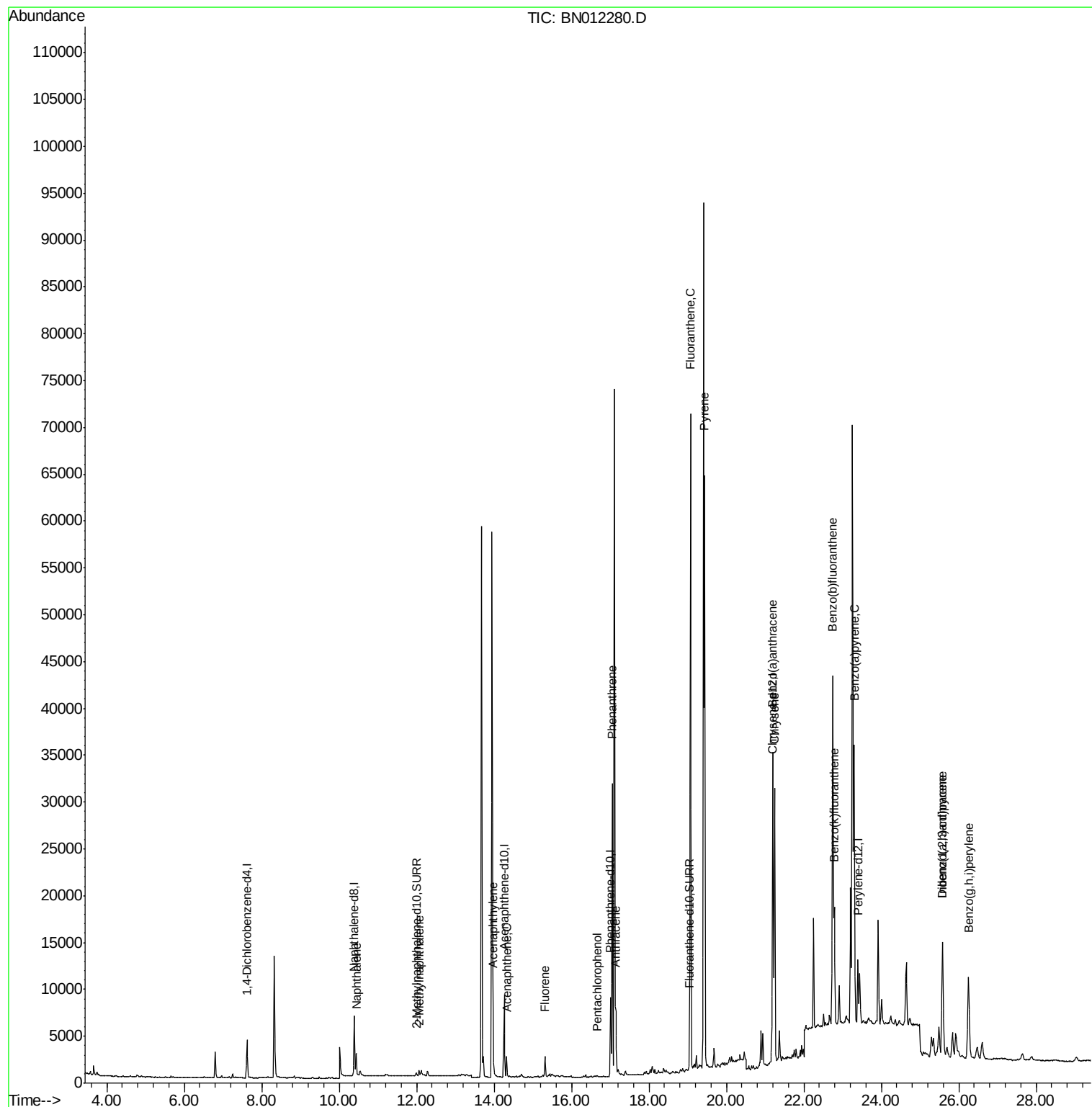
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
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ALS Vial : 92 Sample Multiplier: 1

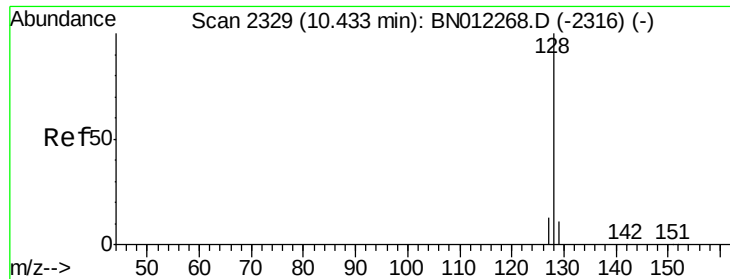
Instrument :
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QLast Update : Fri Oct 16 23:42:05 2020
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#3

Naphthalene

Concen: 0.127 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. 0.01 min

Lab File: BN012280.D

Acq: 16 Oct 2020 23:05

Instrument :

BNA_N

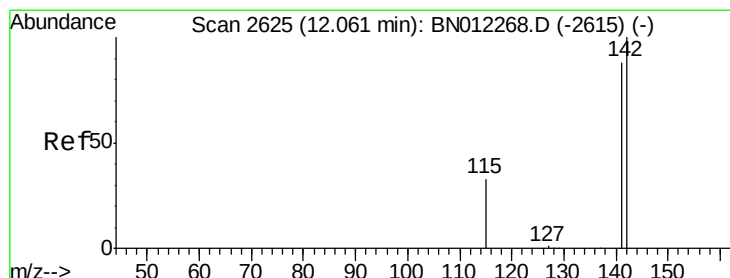
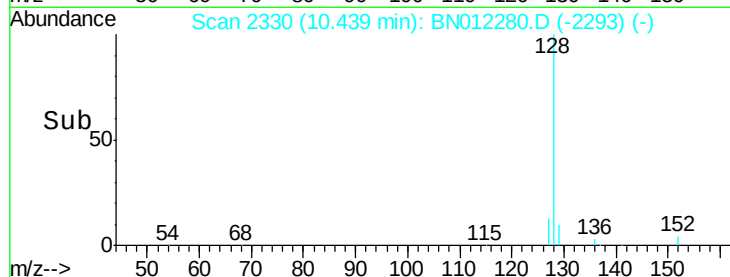
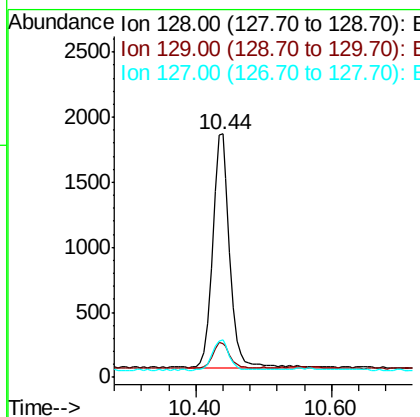
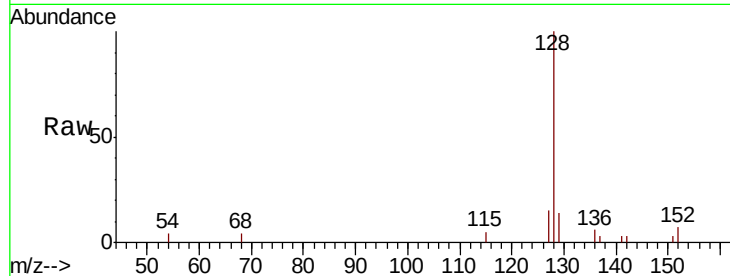
ClientSampleId :

C0AL9DL

Tot Ion:	128	Resp:	3184
Ion	Ratio	Lower	Upper
128	100		
129	14.0	10.3	15.5
127	15.3	11.9	17.9

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#5

2-Methylnaphthalene

Concen: 0.032 ng/ul

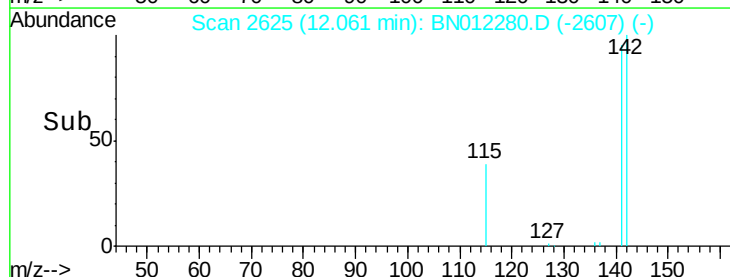
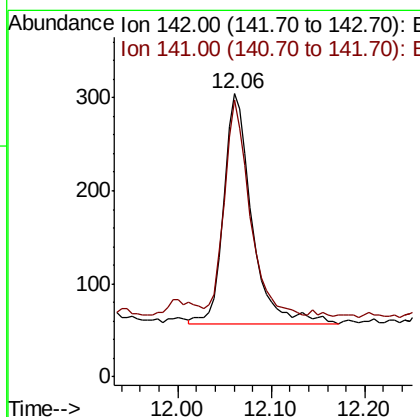
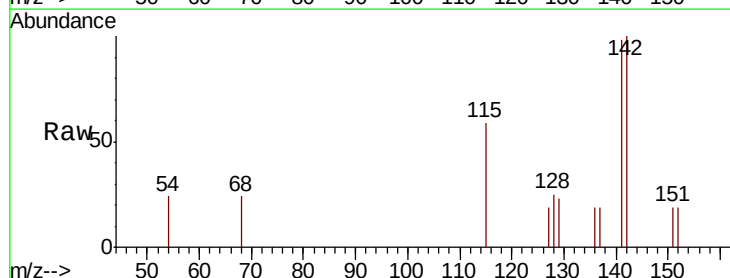
RT: 12.06 min Scan# 2625

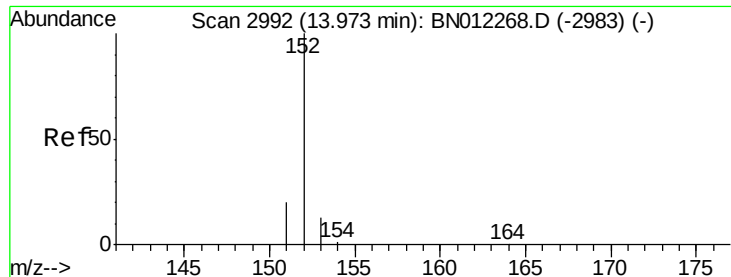
Delta R.T. 0.00 min

Lab File: BN012280.D

Acq: 16 Oct 2020 23:05

Tgt Ion:	142	Resp:	511
Ion	Ratio	Lower	Upper
142	100		
141	83.8	71.7	107.5





#7

Acenaphthylene

Concen: 0.098 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. 0.00 min

Lab File: BN012280.D

Acq: 16 Oct 2020 23:05

Instrument :

BNA_N

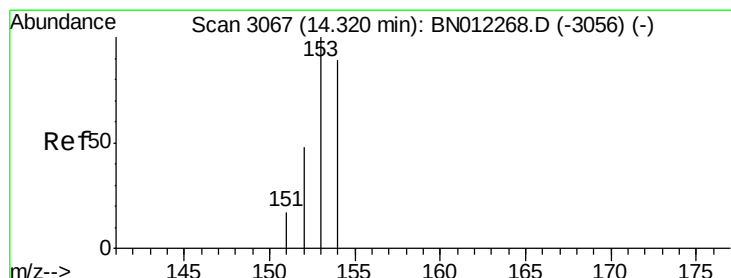
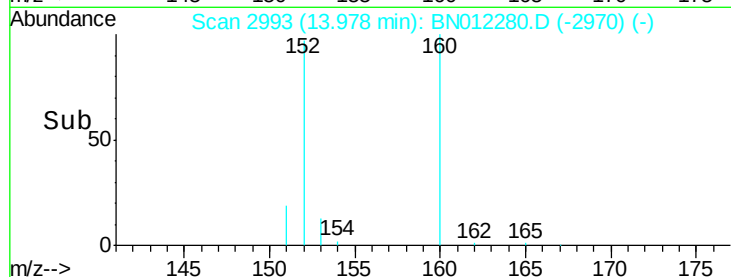
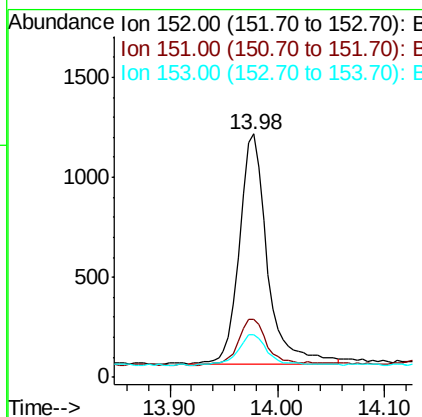
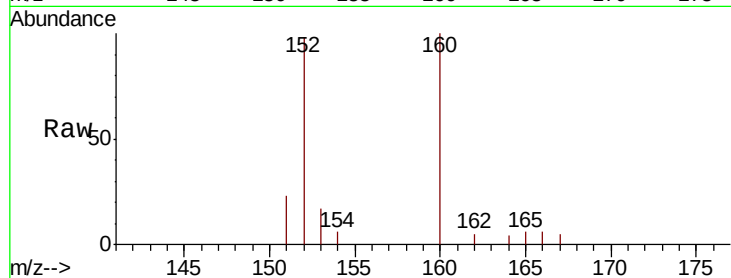
ClientSampleId :

COAL9DL

Tot Ion:	152	Resp:	2070
Ion Ratio	Lower	Upper	
152	100		
151	23.7	16.7	25.1
153	17.3	11.8	17.8

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#8

Acenaphthene

Concen: 0.070 ng/ul

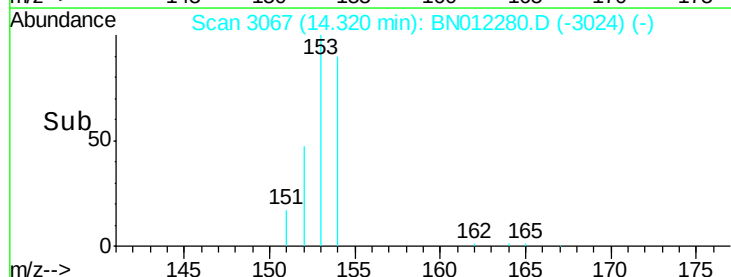
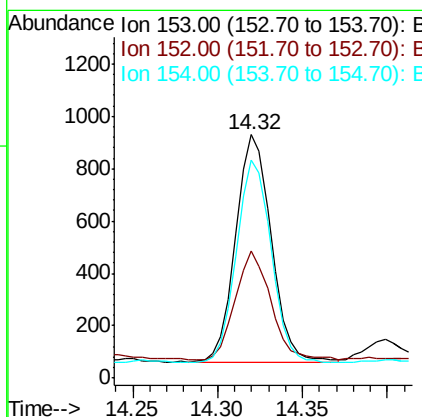
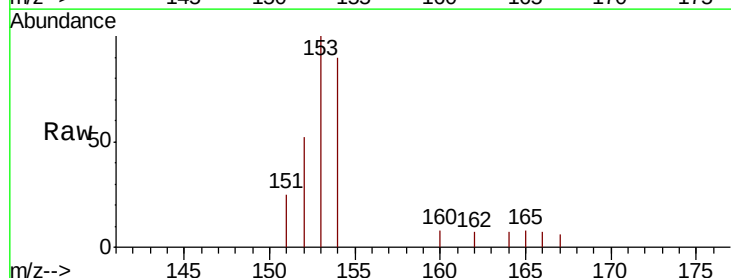
RT: 14.32 min Scan# 3067

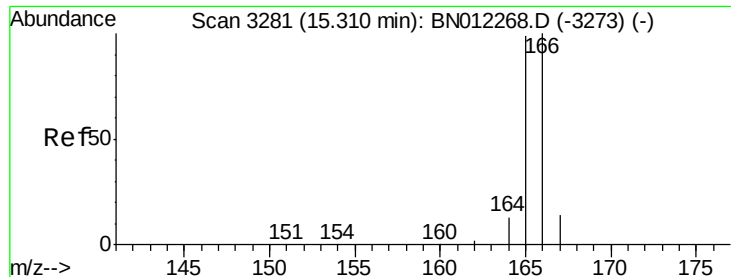
Delta R.T. 0.00 min

Lab File: BN012280.D

Acq: 16 Oct 2020 23:05

Tgt Ion:	153	Resp:	1264
Ion Ratio	Lower	Upper	
153	100		
152	52.3	38.2	57.2
154	89.6	71.1	106.7





#9

Fluorene

Concen: 0.074 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. 0.00 min

Lab File: BN012280.D

Acq: 16 Oct 2020 23:05

Instrument :

BNA_N

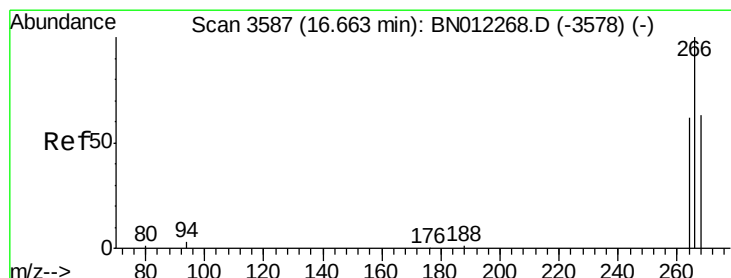
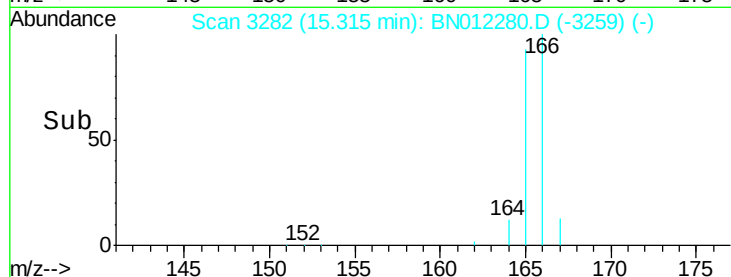
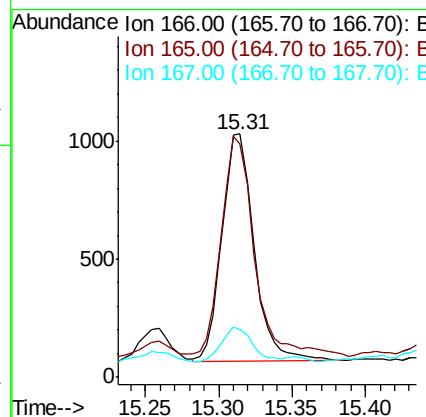
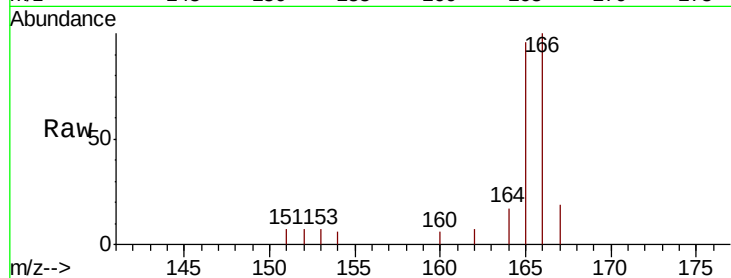
ClientSampleId :

C0AL9DL

Tot Ion:	166	Resp:	1476
Ion Ratio	Lower	Upper	
166	100		
165	96.0	78.6	118.0
167	19.4	11.9	17.9#

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#11

Pentachlorophenol

Concen: 0.038 ng/ul

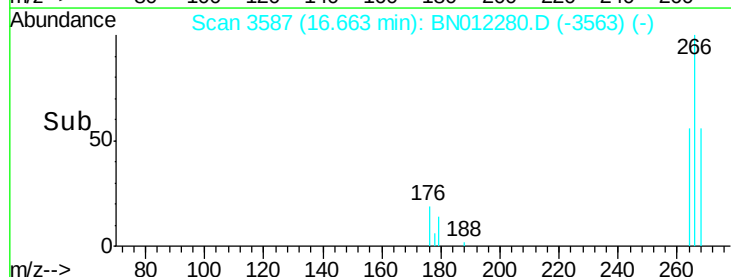
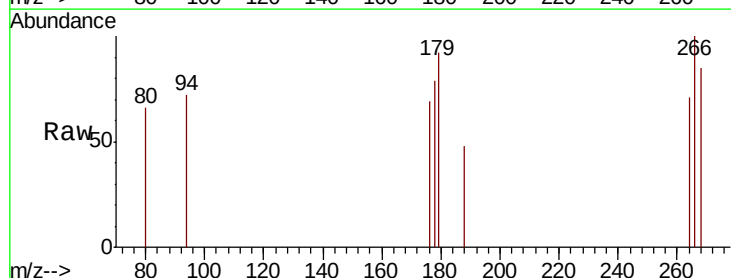
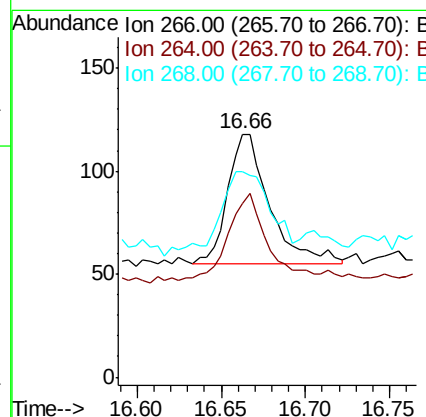
RT: 16.66 min Scan# 3587

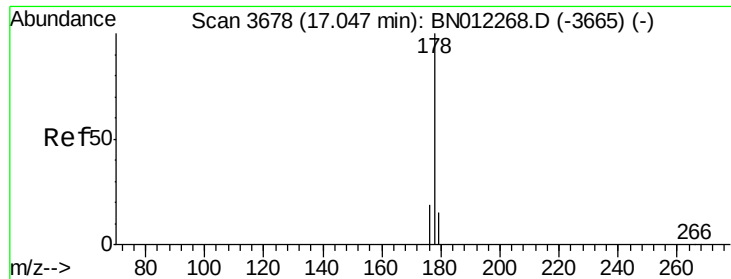
Delta R.T. 0.00 min

Lab File: BN012280.D

Acq: 16 Oct 2020 23:05

Tgt Ion:	266	Resp:	109
Ion Ratio	Lower	Upper	
266	100		
264	66.1	50.3	75.5
268	81.7	52.4	78.6#





#12

Phenanthrene

Concen: 1.021 ng/ul

RT: 17.05 min Scan# 3678

Delta R.T. 0.00 min

Lab File: BN012280.D

Acq: 16 Oct 2020 23:05

Instrument :

BNA_N

ClientSampleId :

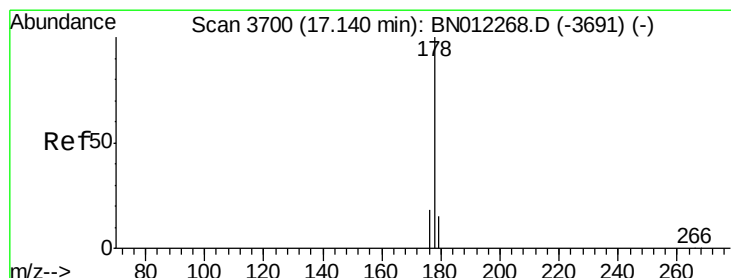
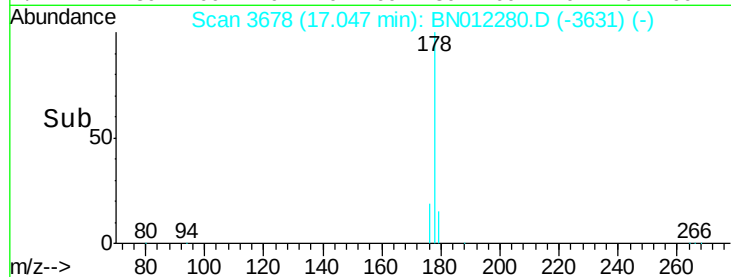
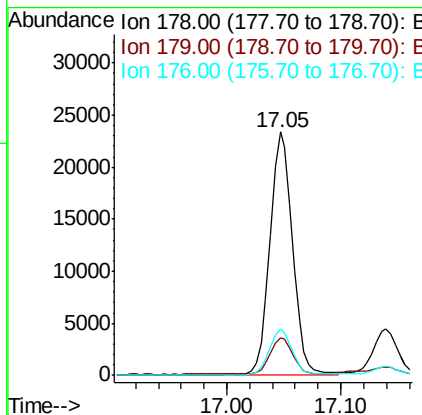
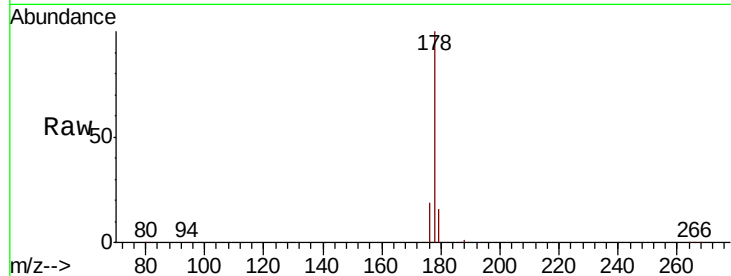
C0AL9DL

Tot Ion:178 Resp: 31943

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.4	20.2
176	19.0	15.7	23.5

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#13

Anthracene

Concen: 0.229 ng/ul

RT: 17.14 min Scan# 3700

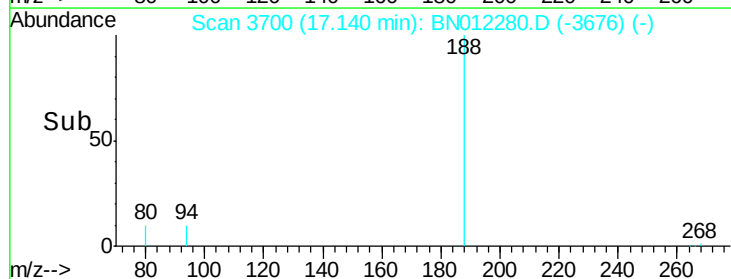
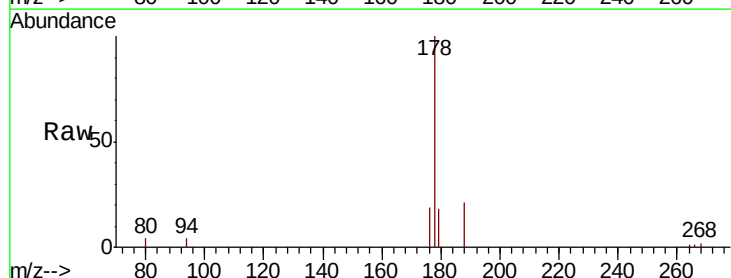
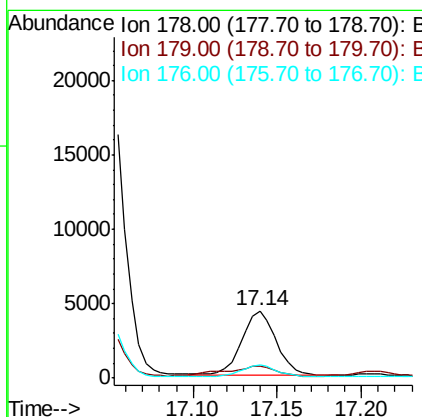
Delta R.T. 0.00 min

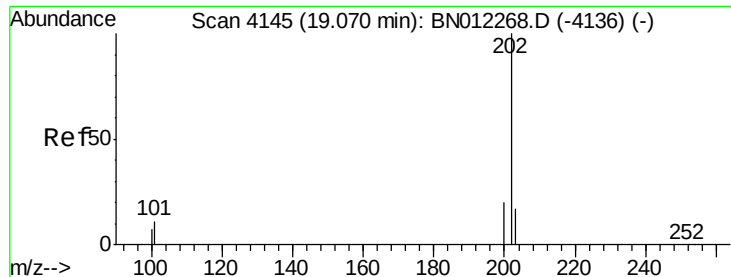
Lab File: BN012280.D

Acq: 16 Oct 2020 23:05

Tgt Ion:178 Resp: 6145

Ion	Ratio	Lower	Upper
178	100		
179	17.9	13.9	20.9
176	19.4	15.4	23.0





#15

Fluoranthene

Concen: 1.635 ng/ul

RT: 19.07 min Scan# 4146

Delta R.T. 0.00 min

Lab File: BN012280.D

Acq: 16 Oct 2020 23:05

Instrument :

BNA_N

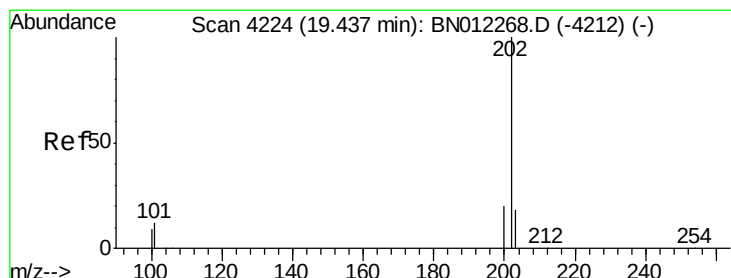
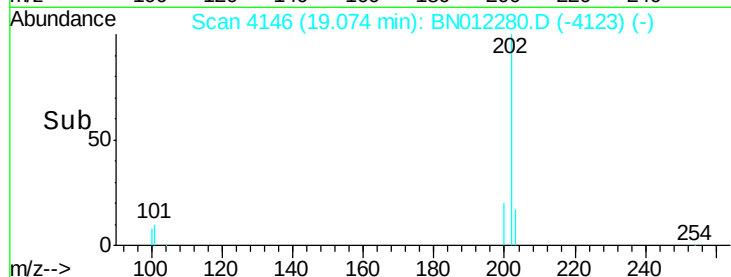
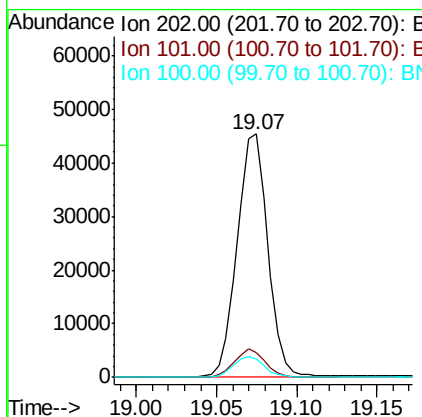
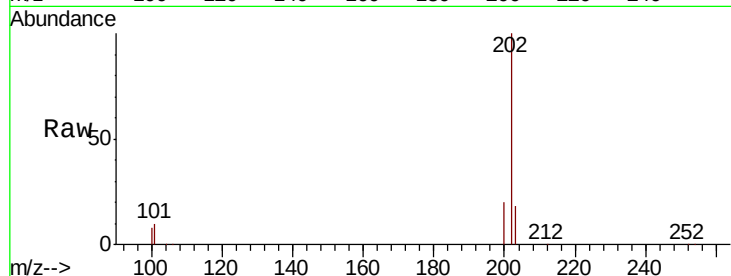
ClientSampleId :

C0AL9DL

Tot Ion:	202	Resp:	59831
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	31.0
100	7.8	0.0	28.7

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#17

Pyrene

Concen: 1.454 ng/ul

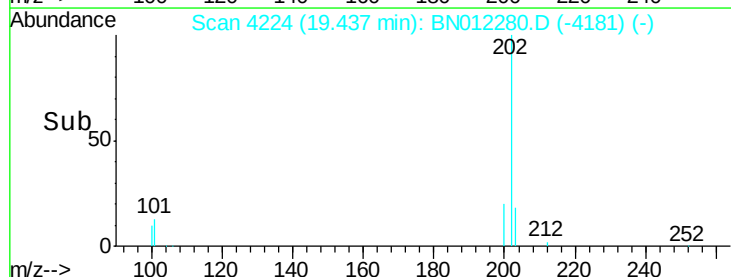
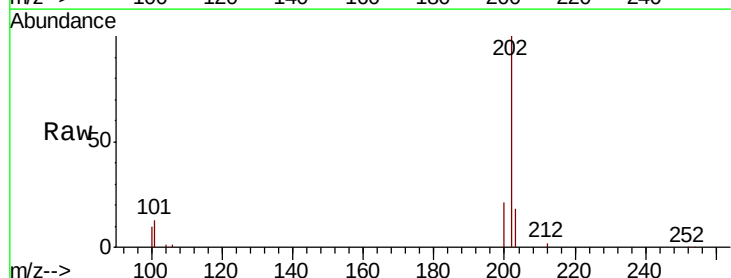
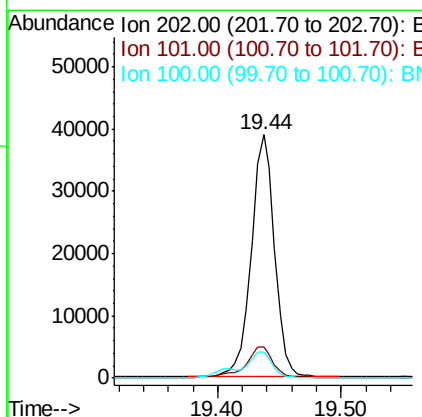
RT: 19.44 min Scan# 4224

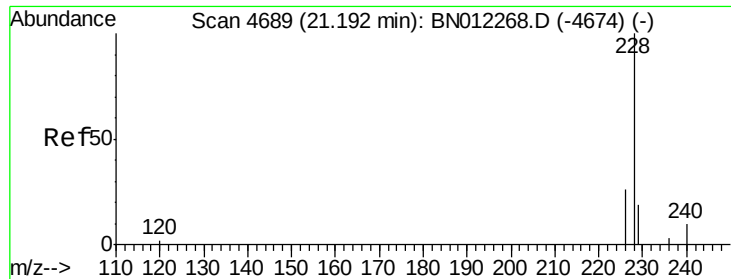
Delta R.T. 0.00 min

Lab File: BN012280.D

Acq: 16 Oct 2020 23:05

Tgt Ion:	202	Resp:	51634
Ion Ratio	Lower	Upper	
202	100		
101	12.8	9.9	14.9
100	10.5	8.0	12.0





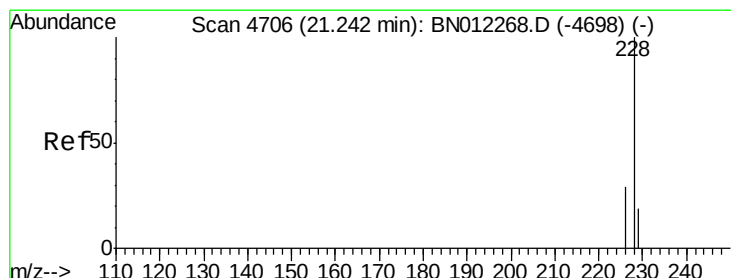
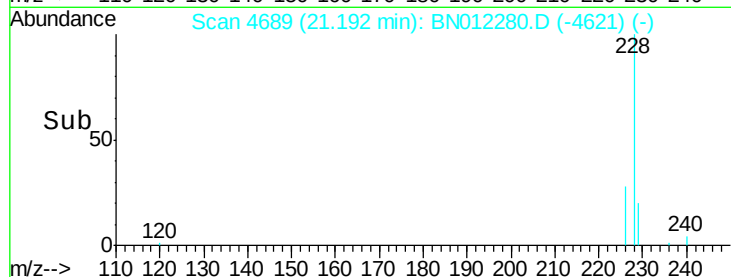
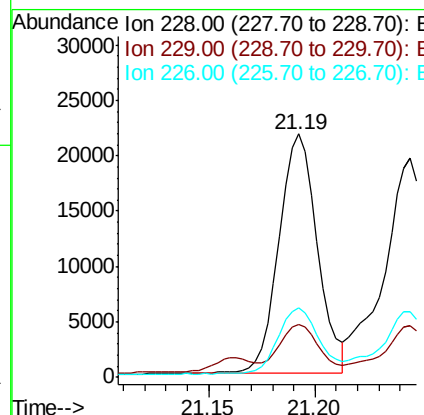
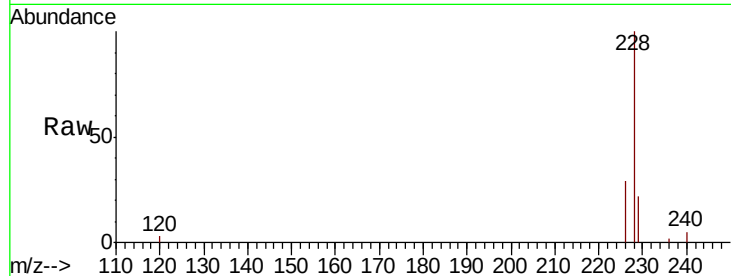
#18
Benzo(a)anthracene
Concen: 0.932 ng/ul
RT: 21.19 min Scan# 4689
Delta R.T. 0.00 min
Lab File: BN012280.D
Acq: 16 Oct 2020 23:05

Instrument :
BNA_N
ClientSampled :
C0AL9DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.8	23.8
226	28.8	22.6	33.8

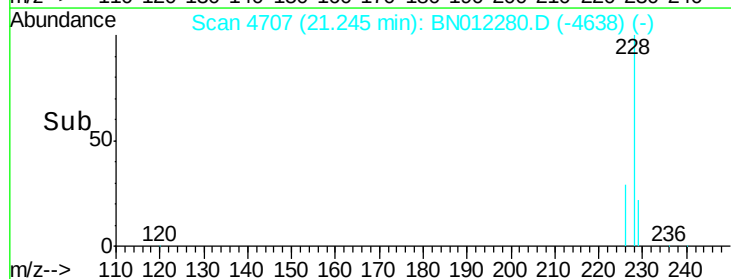
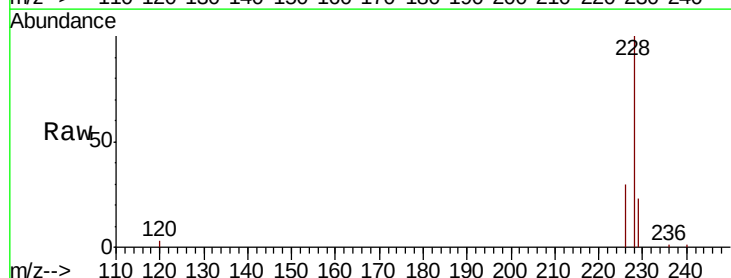
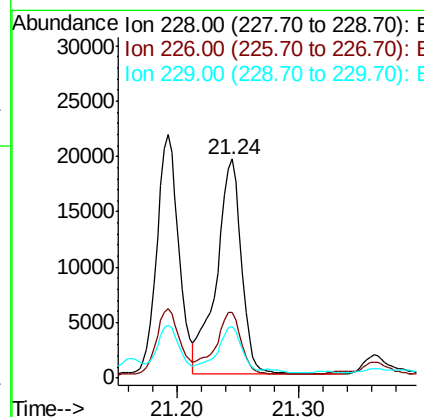
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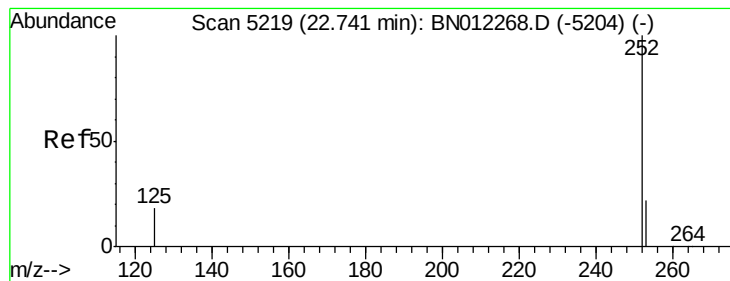
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#19
Chrysene
Concen: 0.785 ng/ul
RT: 21.24 min Scan# 4707
Delta R.T. 0.00 min
Lab File: BN012280.D
Acq: 16 Oct 2020 23:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.6	37.0
229	23.3	17.0	25.6





#21

Benzo(b)fluoranthene

Concen: 1.212 ng/ul m

RT: 22.74 min Scan# 5220

Delta R.T. 0.00 min

Lab File: BN012280.D

Acq: 16 Oct 2020 23:05

Instrument :

BNA_N

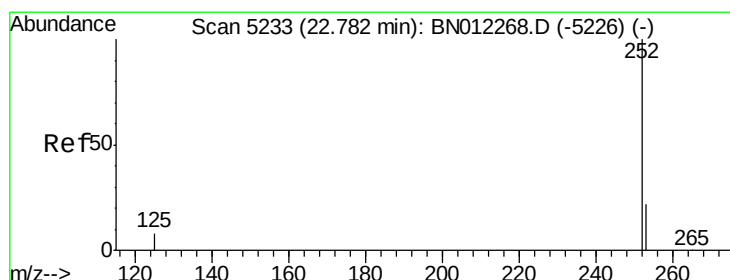
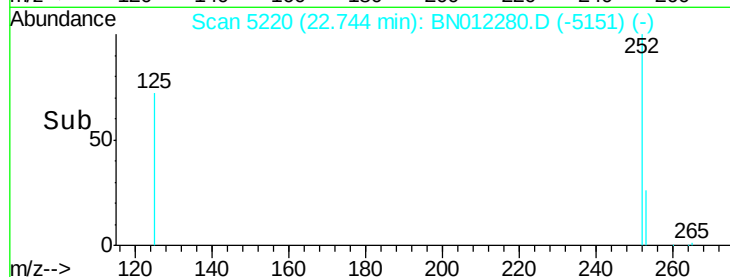
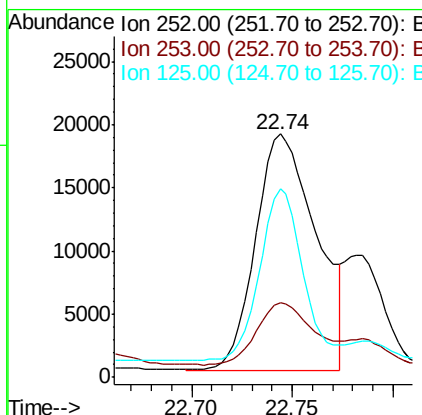
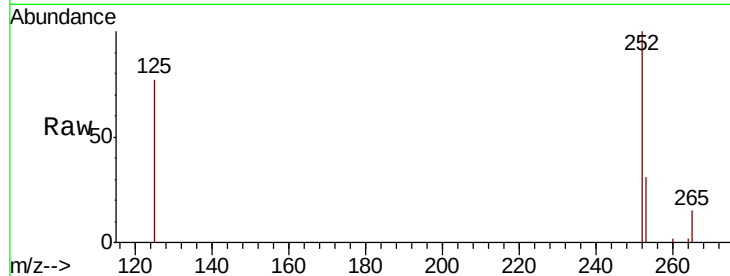
ClientSampleId :

C0AL9DL

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	30.5	0.0	61.6
125	77.4	0.0	36.8#

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#22

Benzo(k)fluoranthene

Concen: 0.358 ng/ul m

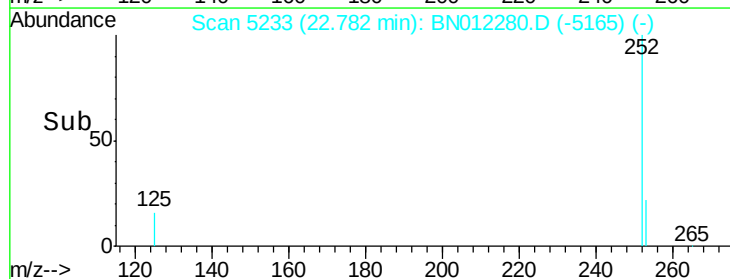
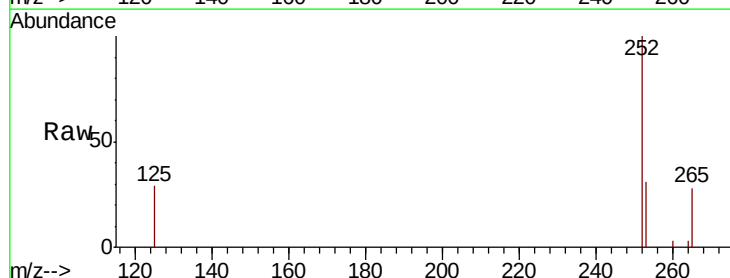
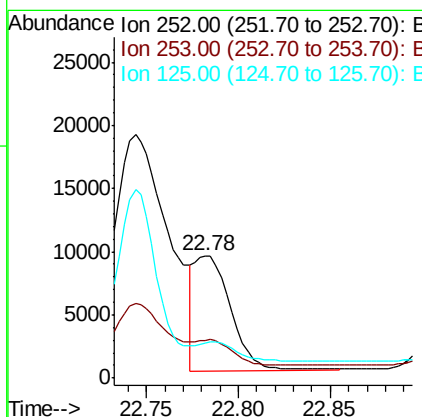
RT: 22.78 min Scan# 5233

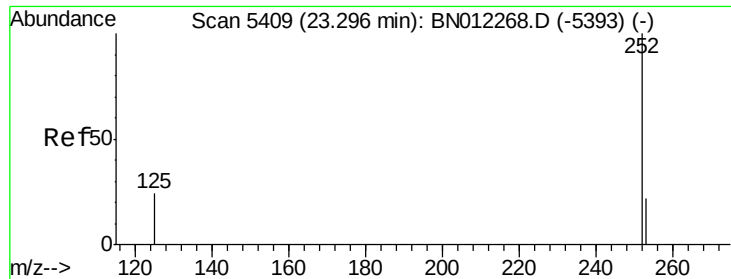
Delta R.T. 0.00 min

Lab File: BN012280.D

Acq: 16 Oct 2020 23:05

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	31.0	24.4	36.6
125	29.0	12.9	19.3#





#23

Benzo(a)pyrene

Concen: 0.825 ng/ul

RT: 23.30 min Scan# 5410

Delta R.T. 0.00 min

Lab File: BN012280.D

Acq: 16 Oct 2020 23:05

Instrument :

BNA_N

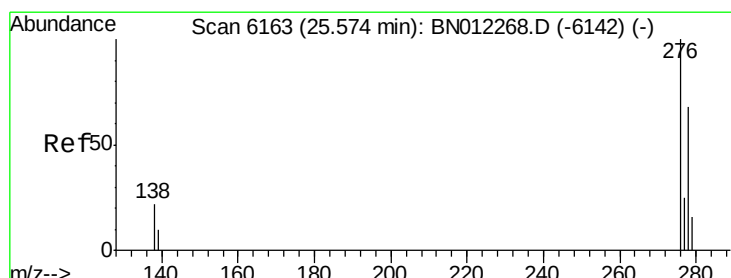
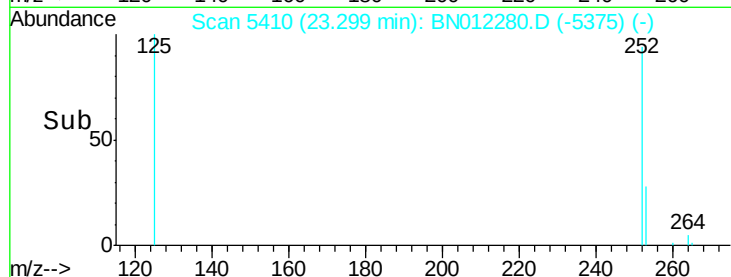
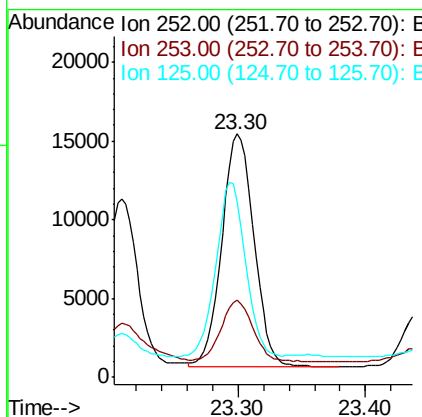
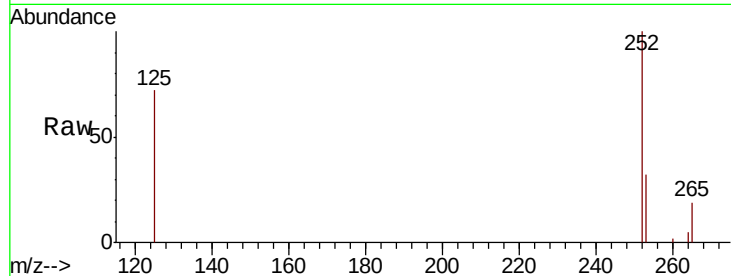
ClientSampleId :

C0AL9DL

Tot Ion:	252	Resp:	25873
Ion Ratio	Lower	Upper	
252	100		
253	31.8	27.0	40.4
125	72.3	18.8	28.2

Manual Integrations
APPROVED

mohammad
10/19/2020 1:22:10 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.464 ng/ul

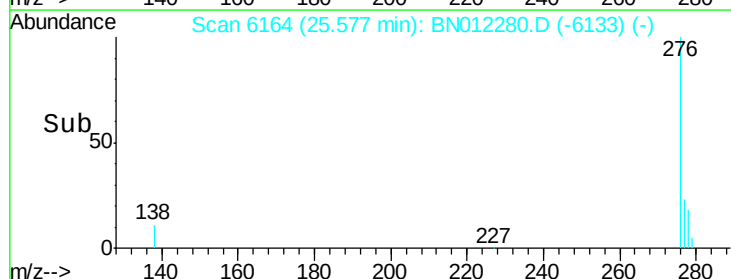
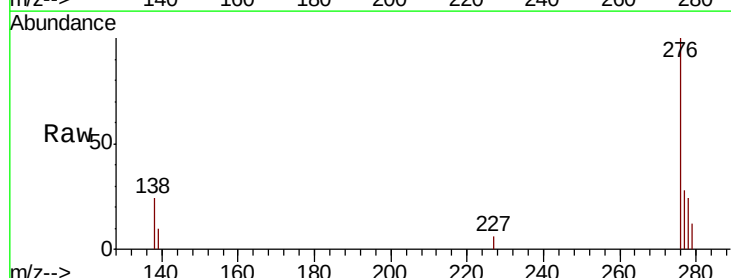
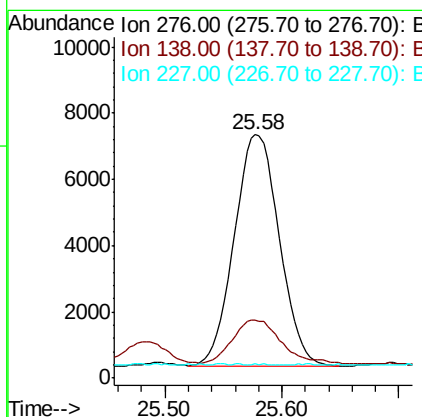
RT: 25.58 min Scan# 6164

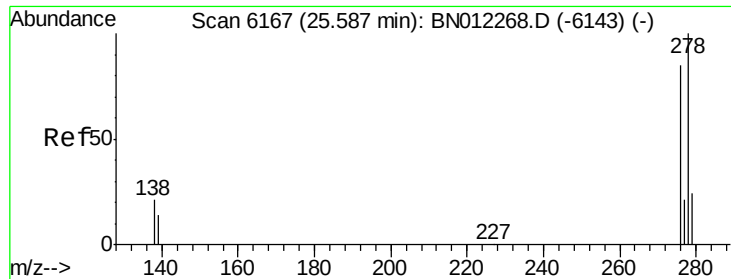
Delta R.T. 0.00 min

Lab File: BN012280.D

Acq: 16 Oct 2020 23:05

Tgt Ion:	276	Resp:	18707
Ion Ratio	Lower	Upper	
276	100		
138	20.8	0.0	0.0
227	0.1	0.0	0.0





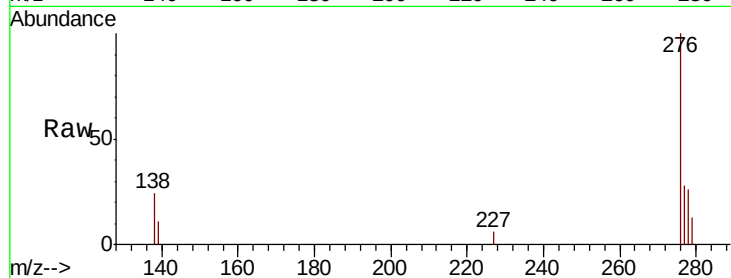
#25
Dibenzo(a,h)anthracene
Concen: 0.154 ng/ul
RT: 25.58 min Scan# 6166
Delta R.T. -0.00 min
Lab File: BN012280.D
Acq: 16 Oct 2020 23:05

Instrument :
BNA_N
ClientSampleId :
C0AL9DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	41.5	15.7	23.5#
279	50.7	26.0	39.0#

Manual Integrations
APPROVED

mohammad
10/19/2020 1:22:10 PM

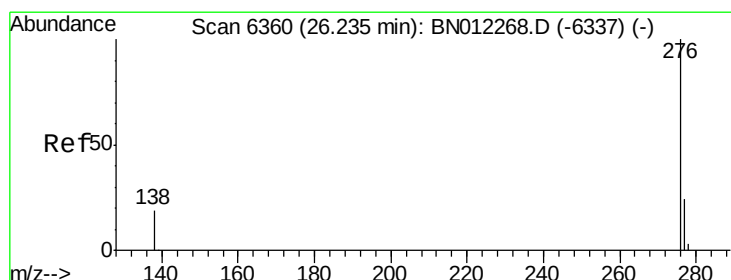
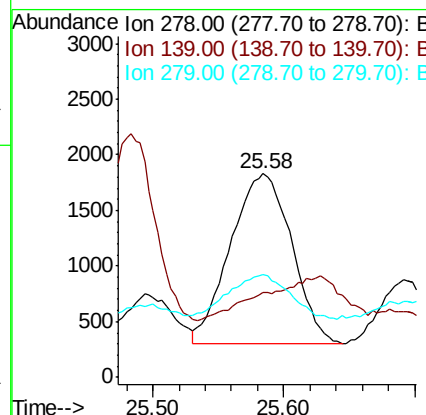
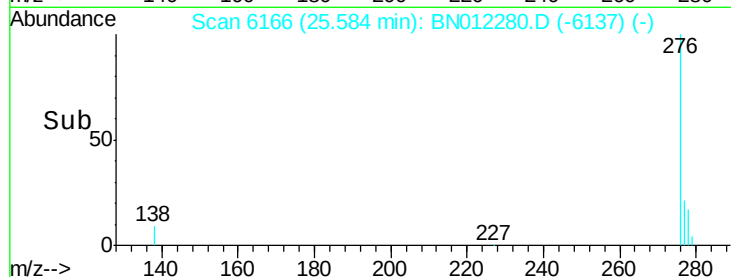


Abundance

Ion 278.00 (277.70 to 278.70): E

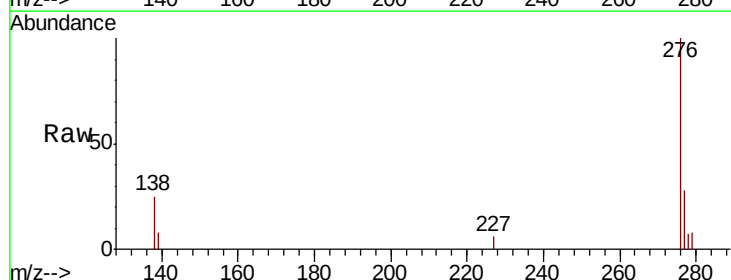
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.471 ng/ul
RT: 26.25 min Scan# 6364
Delta R.T. 0.01 min
Lab File: BN012280.D
Acq: 16 Oct 2020 23:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.3	17.1	25.7
277	27.9	21.1	31.7



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

