

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012275.D
 Acq On : 16 Oct 2020 20:03
 Operator : CG/JU
 Sample : L4201-03DL 5X
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AL4DL

Manual Integrations
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Quant Time: Oct 17 04:13:14 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 : Sat Oct 17 02:30:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1748	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	7387	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4106	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8194	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	6199	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	6420	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	327	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	625	0.03	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	4863	0.228	ng/ul	98
5) 2-Methylnaphthalene	12.06	142	961	0.071	ng/ul	100
7) Acenaphthylene	13.98	152	3272	0.184	ng/ul	96
8) Acenaphthene	14.32	153	2251	0.150	ng/ul	99
9) Fluorene	15.31	166	3128	0.187	ng/ul	99
12) Phenanthrene	17.05	178	49661	1.901	ng/ul	98
13) Anthracene	17.14	178	11647	0.520	ng/ul	100
15) Fluoranthene	19.07	202	88286	2.891	ng/ul	99
17) Pyrene	19.44	202	70080	2.507	ng/ul	98
18) Benzo(a)anthracene	21.19	228	41051	1.788	ng/ul	96
19) Chrysene	21.25	228	38833	1.388	ng/ul	96
21) Benzo(b)fluoranthene	22.75	252	55557m	2.142	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	20645m	0.719	ng/ul	
23) Benzo(a)pyrene	23.31	252	34326	1.361	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.59	276	26823	0.828	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	7637	0.295	ng/ul#	59
26) Benzo(a,h,i)perylene	26.26	276	19326	0.651	ng/ul#	88

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

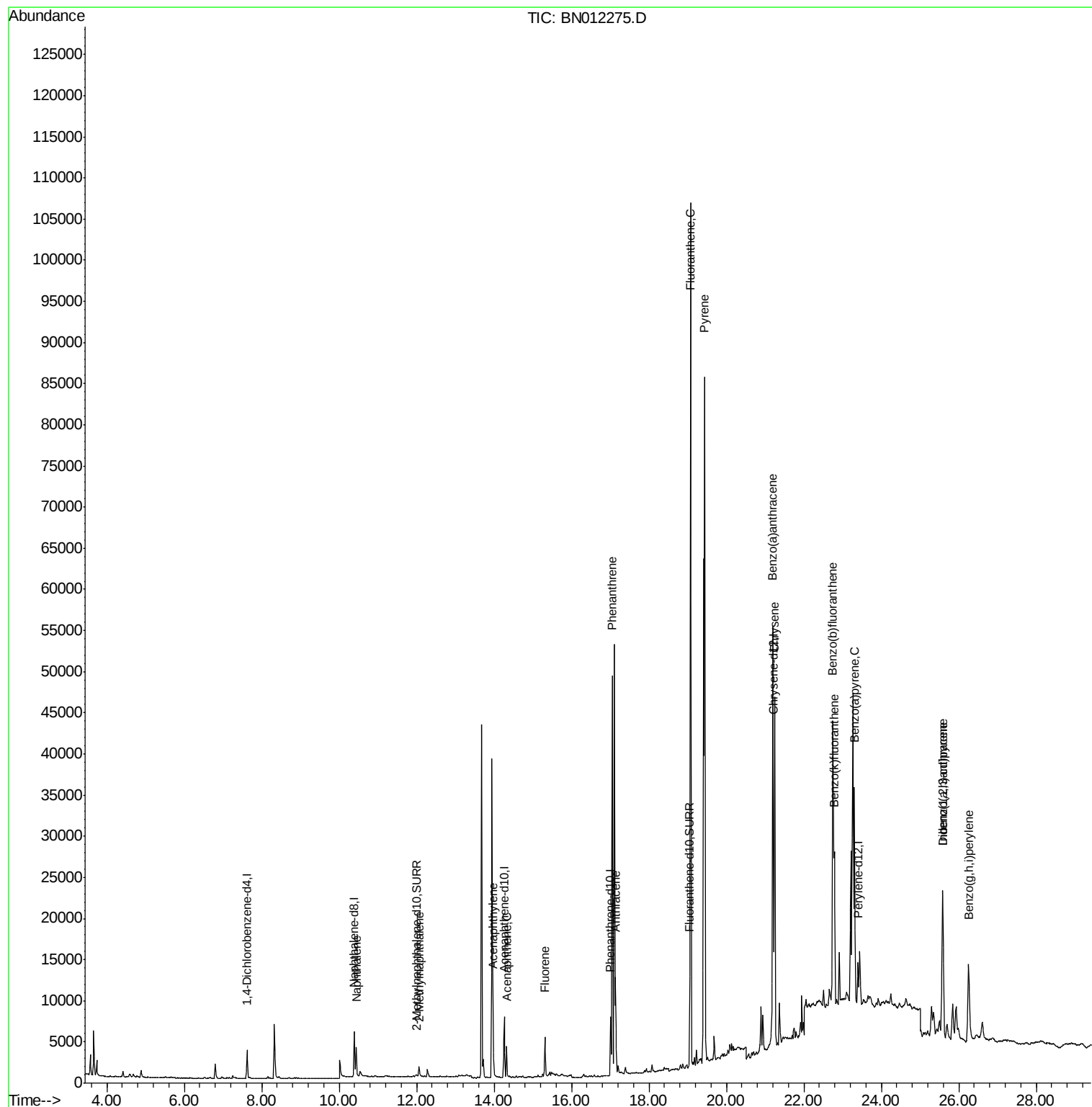
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
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ALS Vial : 87 Sample Multiplier: 1

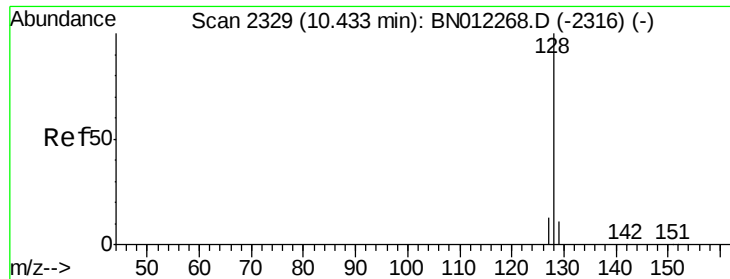
Instrument :
BNA_N
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C0AL4DL

Quant Time: Oct 17 04:13:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

Naphthalene

Concen: 0.228 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. 0.01 min

Lab File: BN012275.D

Acq: 16 Oct 2020 20:03

Instrument :

BNA_N

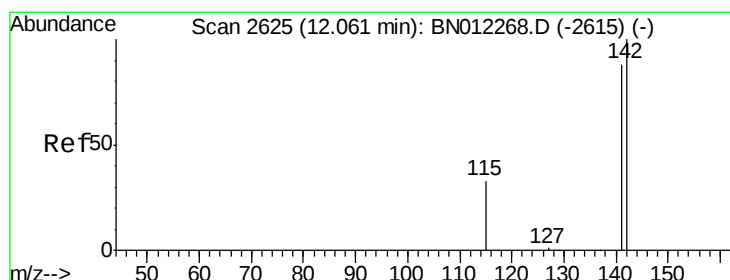
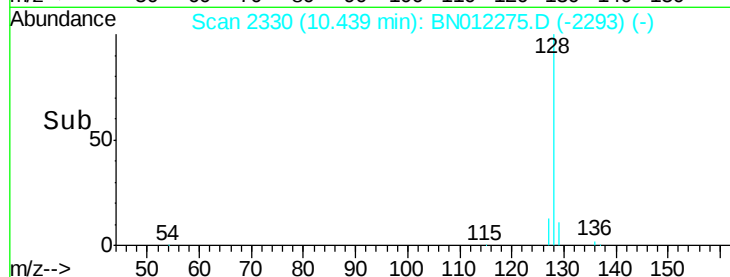
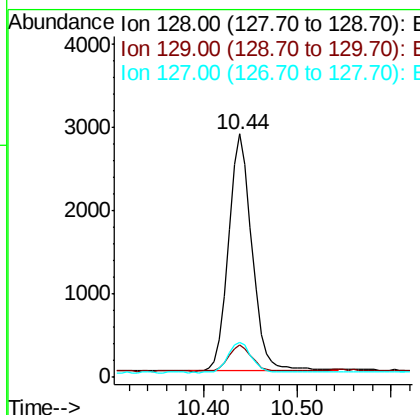
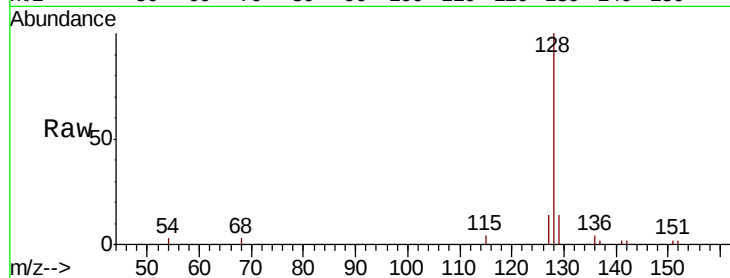
ClientSampleId :

C0AL4DL

Tot Ion:128	Resp:	4863
Ion Ratio	Lower	Upper
128 100		
129 13.6	10.3	15.5
127 14.1	11.9	17.9

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#5

2-Methylnaphthalene

Concen: 0.071 ng/ul

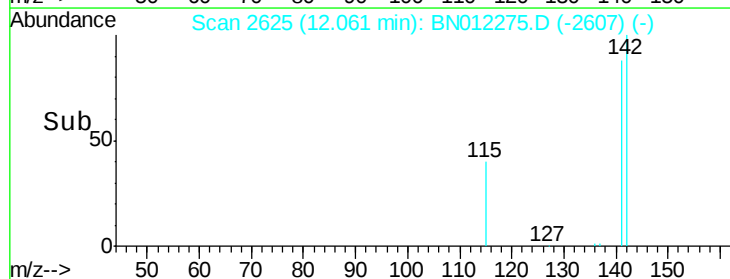
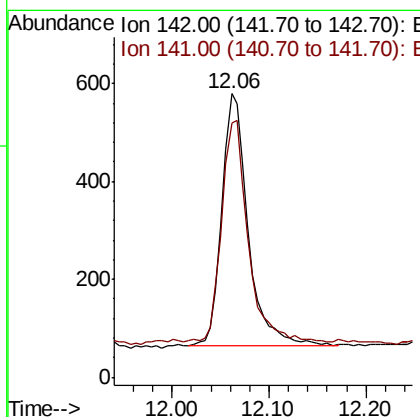
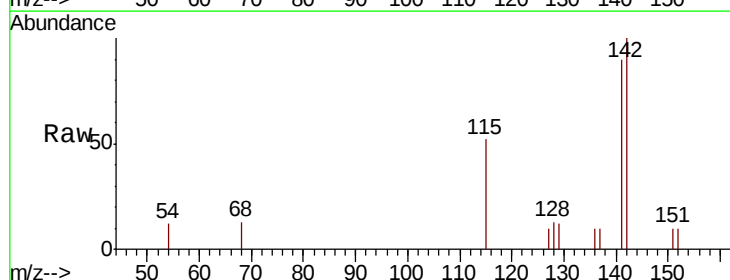
RT: 12.06 min Scan# 2625

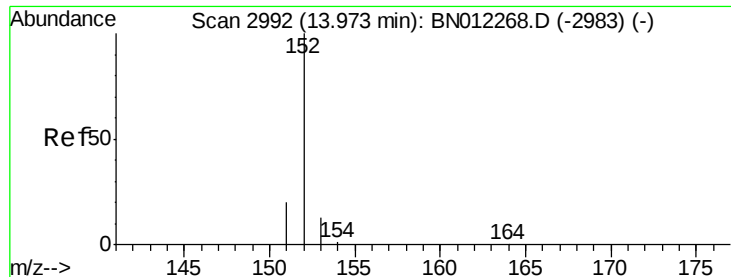
Delta R.T. -0.00 min

Lab File: BN012275.D

Acq: 16 Oct 2020 20:03

Tgt Ion:142	Resp:	961
Ion Ratio	Lower	Upper
142 100		
141 90.0	71.7	107.5





#7

Acenaphthylene

Concen: 0.184 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. 0.00 min

Lab File: BN012275.D

Acq: 16 Oct 2020 20:03

Instrument :

BNA_N

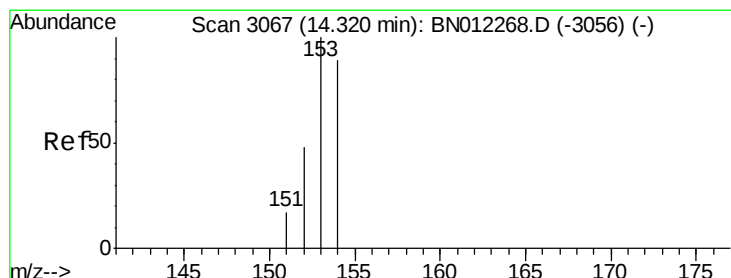
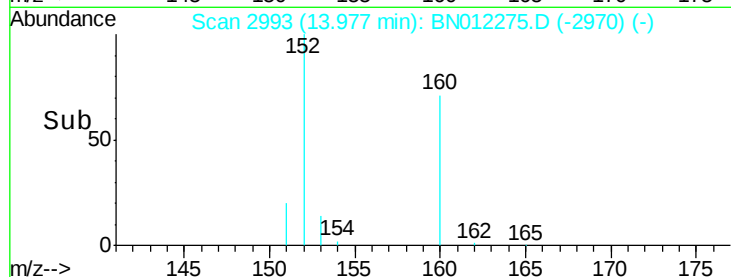
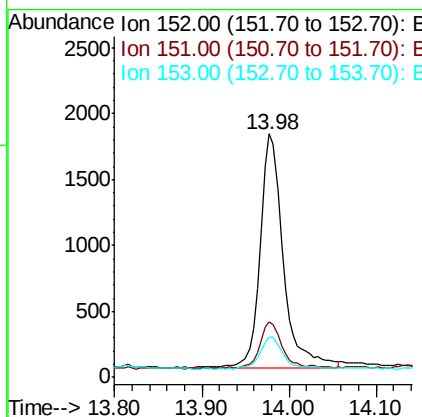
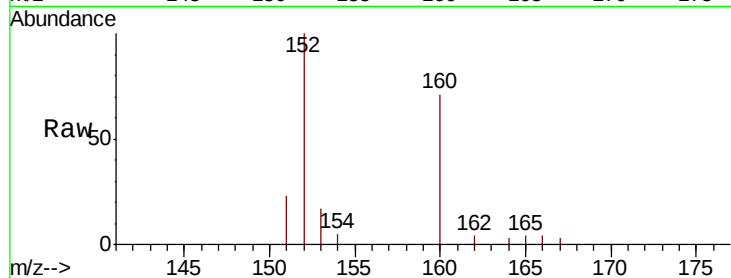
ClientSampled :

COAL4DL

Tot Ion:	152	Resp:	3272
Ion Ratio	Lower	Upper	
152	100		
151	23.0	16.7	25.1
153	16.6	11.8	17.8

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#8

Acenaphthene

Concen: 0.150 ng/ul

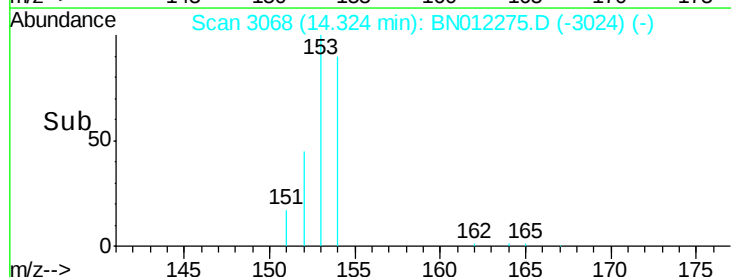
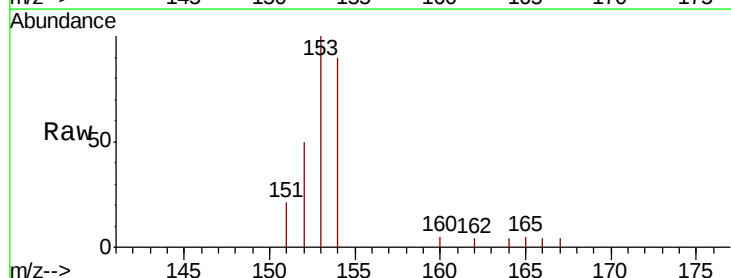
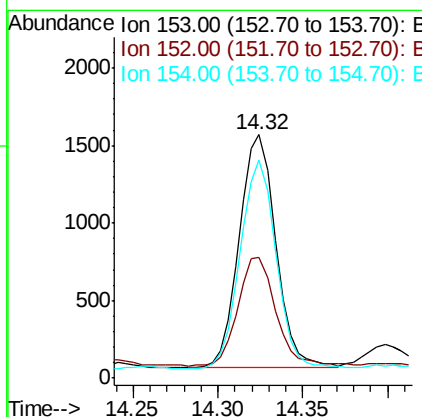
RT: 14.32 min Scan# 3068

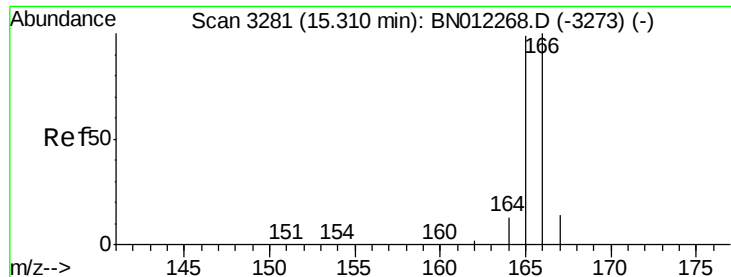
Delta R.T. 0.00 min

Lab File: BN012275.D

Acq: 16 Oct 2020 20:03

Tgt Ion:	153	Resp:	2251
Ion Ratio	Lower	Upper	
153	100		
152	49.6	38.2	57.2
154	89.6	71.1	106.7





#9

Fluorene

Concen: 0.187 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. 0.00 min

Lab File: BN012275.D

Acq: 16 Oct 2020 20:03

Instrument :

BNA_N

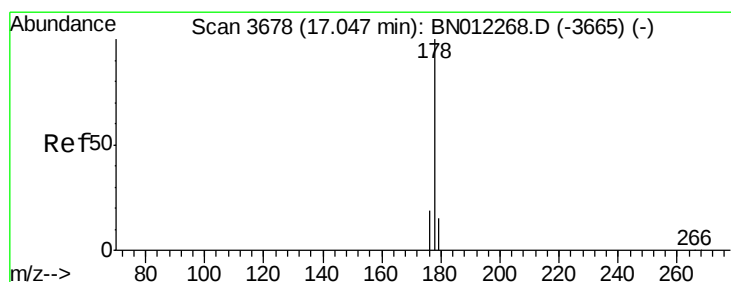
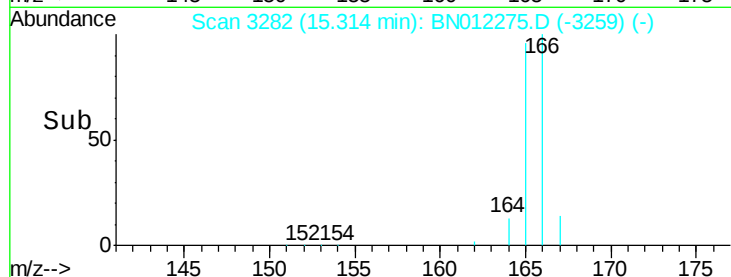
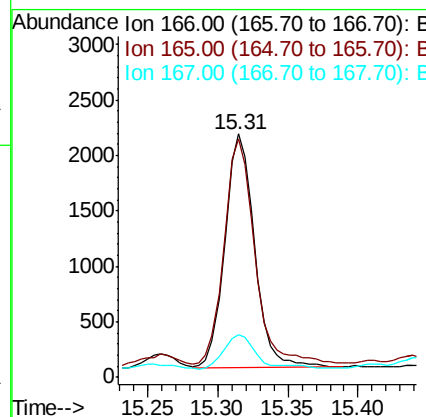
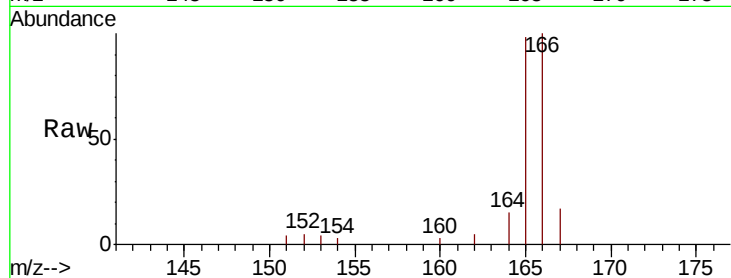
ClientSampleId :

C0AL4DL

Tot Ion:	166	Resp:	3128
Ion Ratio	Lower	Upper	
166	100		
165	98.1	78.6	118.0
167	17.5	11.9	17.9

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#12

Phenanthrene

Concen: 1.901 ng/ul

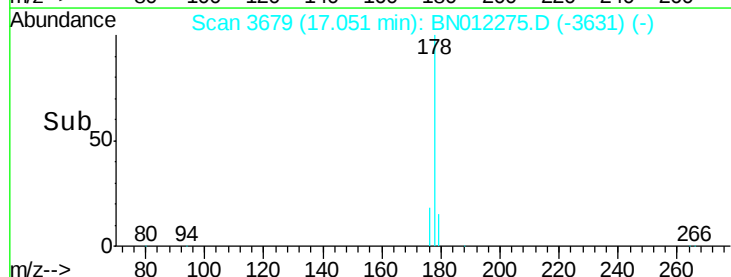
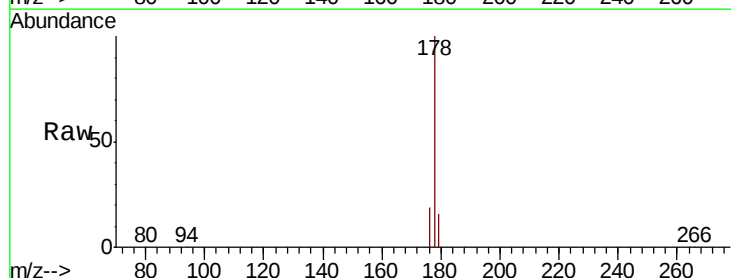
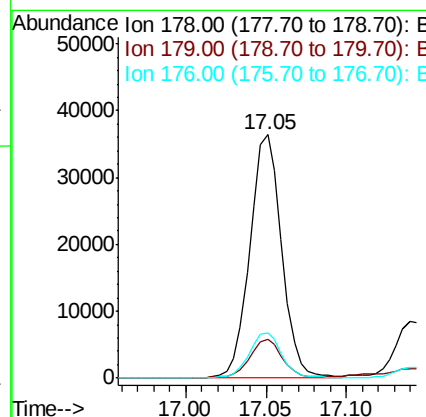
RT: 17.05 min Scan# 3679

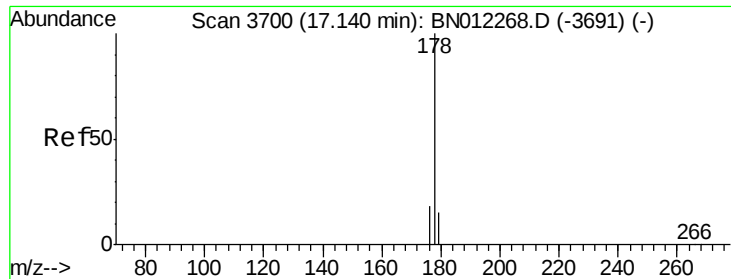
Delta R.T. 0.00 min

Lab File: BN012275.D

Acq: 16 Oct 2020 20:03

Tgt Ion:	178	Resp:	49661
Ion Ratio	Lower	Upper	
178	100		
179	15.8	13.4	20.2
176	18.7	15.7	23.5





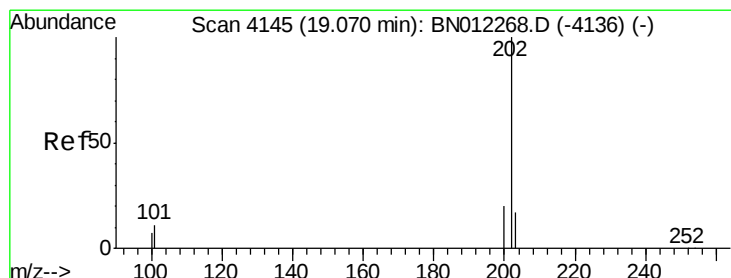
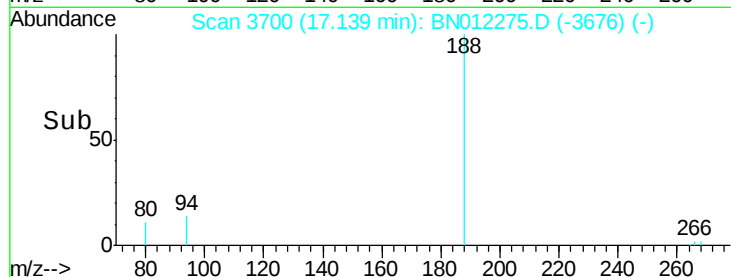
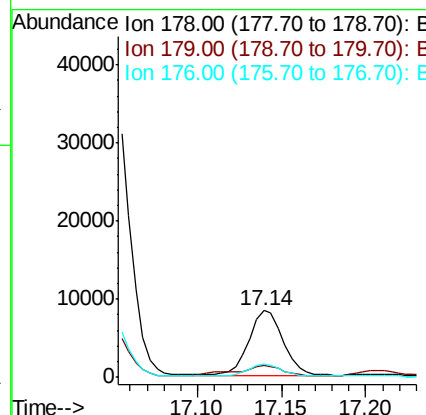
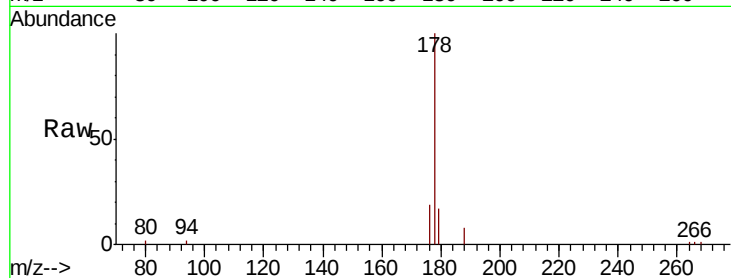
#13
 Anthracene
 Concen: 0.520 ng/ul
 RT: 17.14 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: BN012275.D
 Acq: 16 Oct 2020 20:03

Instrument :
 BNA_N
 ClientSampleId :
 C0AL4DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.1	13.9	20.9
176	19.1	15.4	23.0

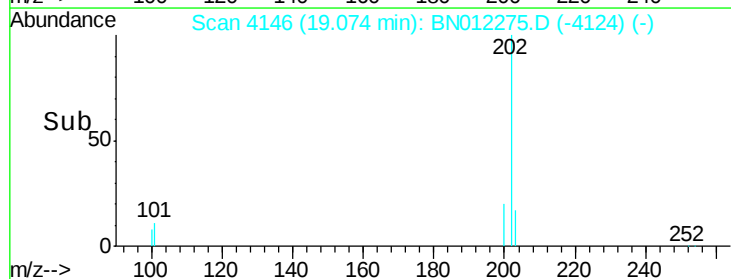
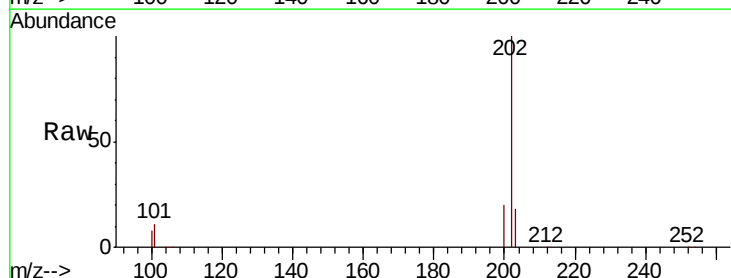
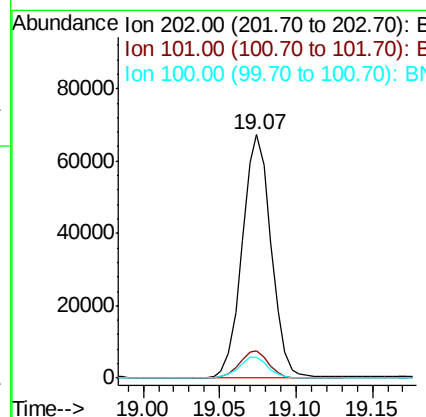
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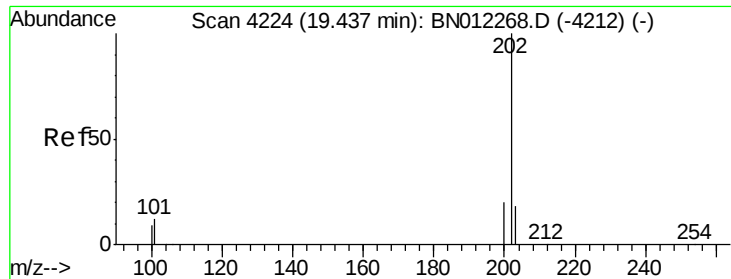
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#15
 Fluoranthene
 Concen: 2.891 ng/ul
 RT: 19.07 min Scan# 4146
 Delta R.T. 0.00 min
 Lab File: BN012275.D
 Acq: 16 Oct 2020 20:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.0
100	8.3	0.0	28.7





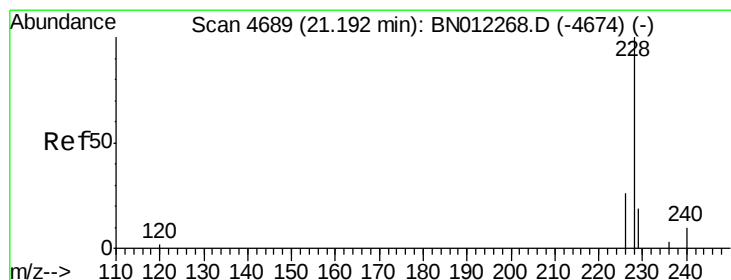
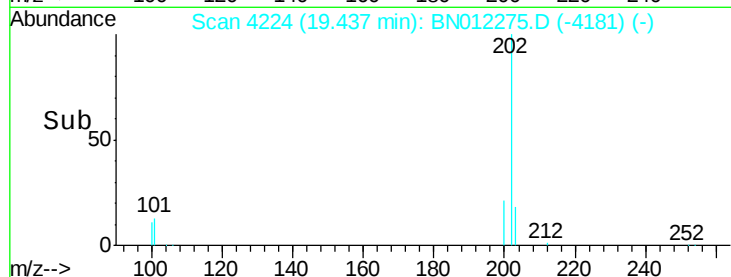
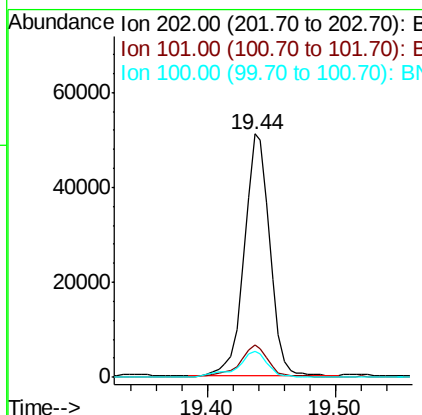
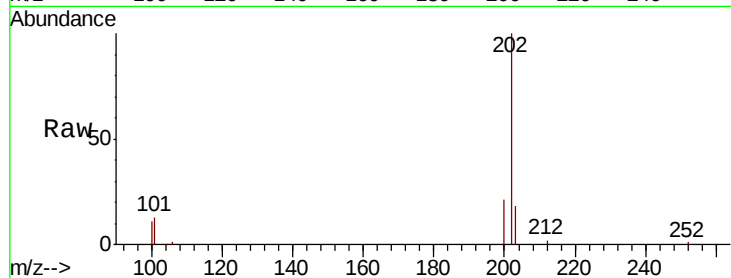
#17
Pvrene
Concen: 2.507 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN012275.D
Acq: 16 Oct 2020 20:03

Instrument :
BNA_N
ClientSampleId :
C0AL4DL

Tot Ion:	202	Resp:	70080
Ion Ratio	Lower	Upper	
202	100		
101	13.3	9.9	14.9
100	10.9	8.0	12.0

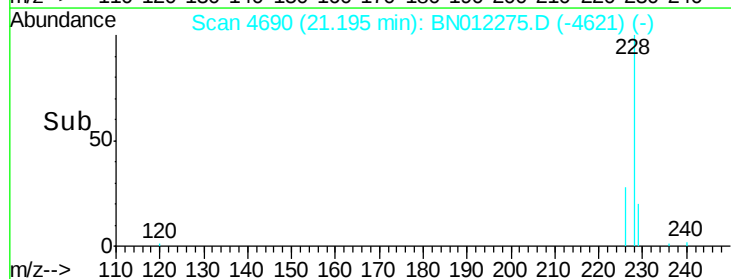
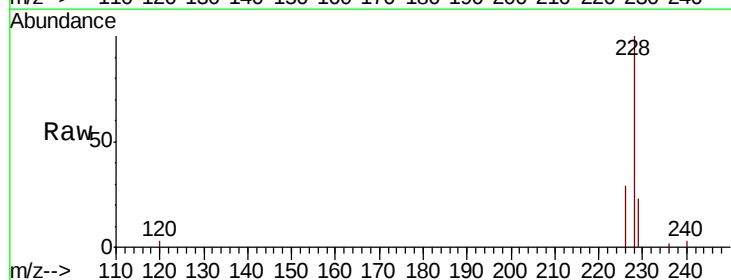
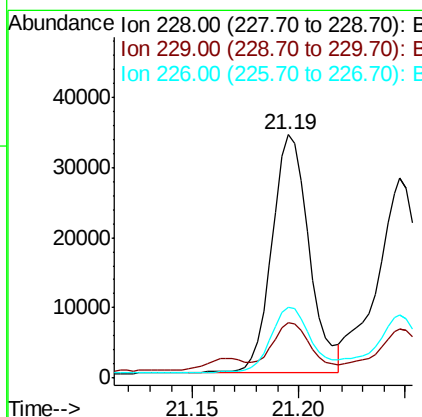
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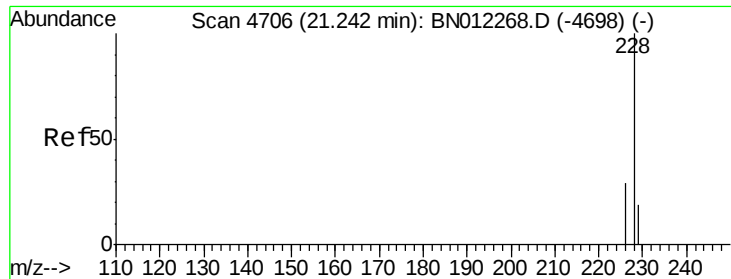
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#18
Benzo(a)anthracene
Concen: 1.788 ng/ul
RT: 21.19 min Scan# 4690
Delta R.T. 0.00 min
Lab File: BN012275.D
Acq: 16 Oct 2020 20:03

Tgt Ion:	228	Resp:	41051
Ion Ratio	Lower	Upper	
228	100		
229	22.5	15.8	23.8
226	29.3	22.6	33.8





#19

Chrysene

Concen: 1.388 ng/ul

RT: 21.25 min Scan# 4708

Delta R.T. 0.01 min

Lab File: BN012275.D

Acq: 16 Oct 2020 20:03

Instrument :

BNA_N

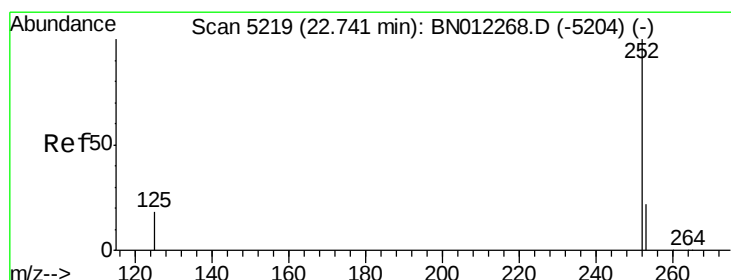
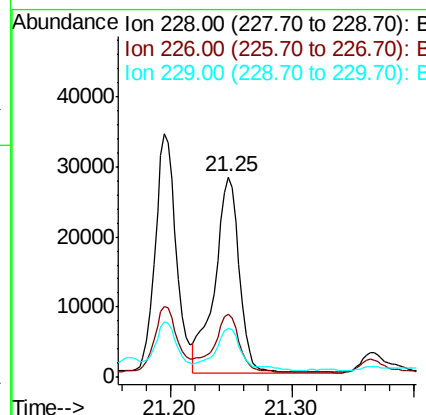
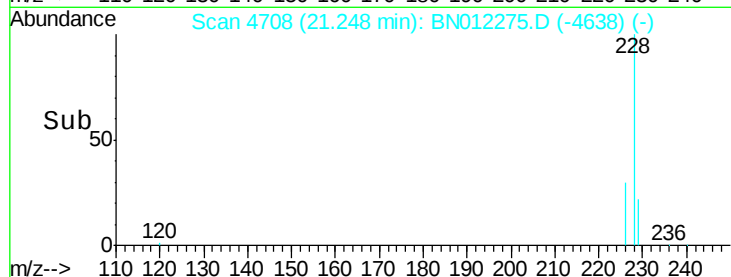
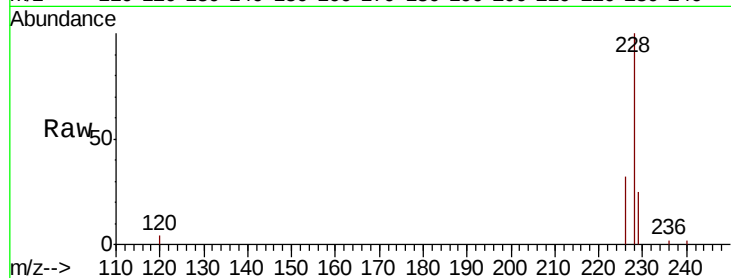
ClientSampleId :

C0AL4DL

Tot Ion:	228	Resp:	38833
Ion Ratio	Lower	Upper	
228	100		
226	31.8	24.6	37.0
229	24.6	17.0	25.6

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#21

Benzo(b)fluoranthene

Concen: 2.142 ng/ul m

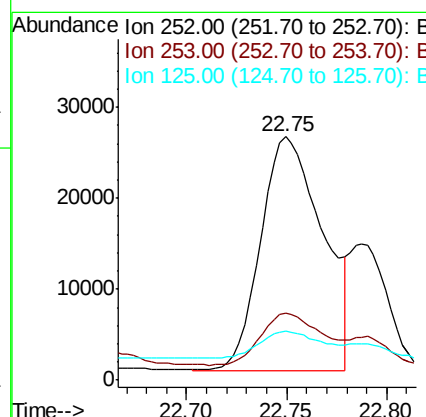
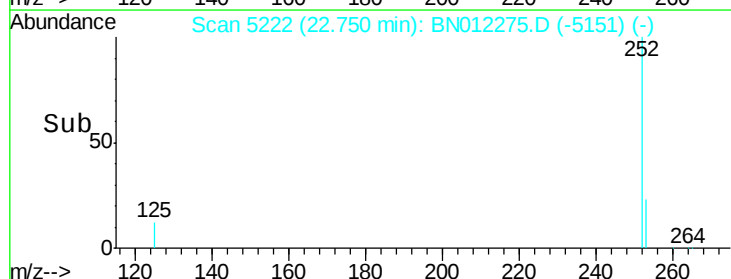
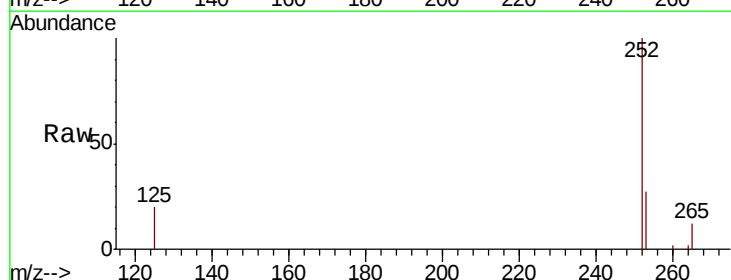
RT: 22.75 min Scan# 5222

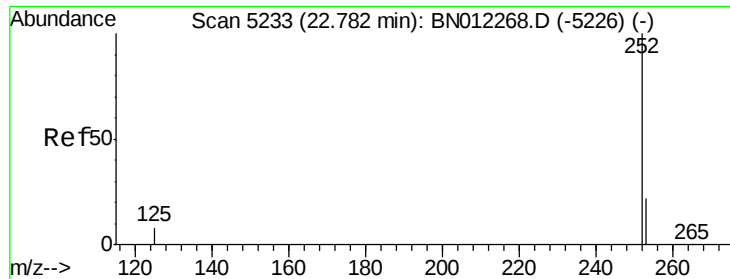
Delta R.T. 0.01 min

Lab File: BN012275.D

Acq: 16 Oct 2020 20:03

Tgt Ion:	252	Resp:	55557
Ion Ratio	Lower	Upper	
252	100		
253	27.5	0.0	61.6
125	20.0	0.0	36.8





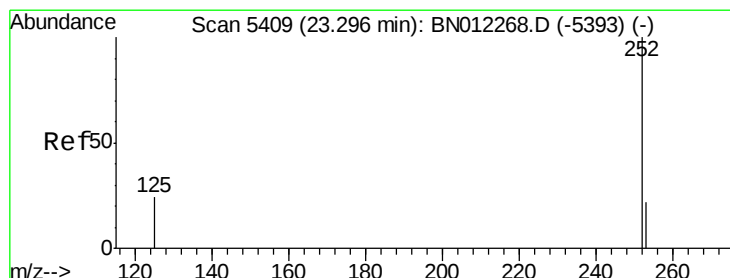
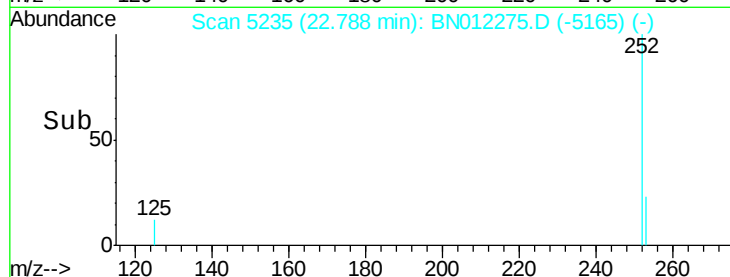
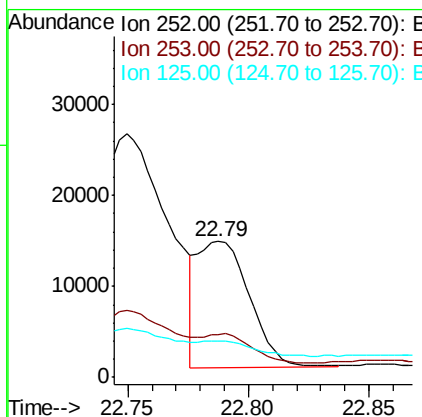
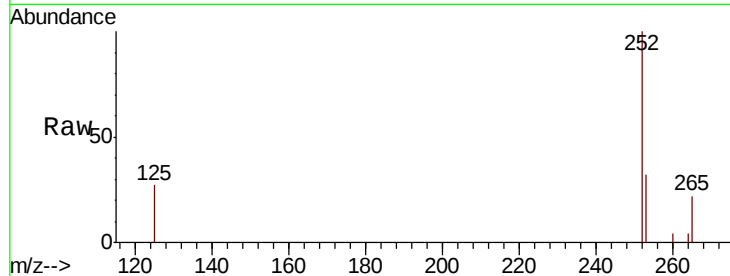
#22
Benzo(k)fluoranthene
Concen: 0.719 ng/ul m
RT: 22.79 min Scan# 5235
Delta R.T. 0.01 min
Lab File: BN012275.D
Acq: 16 Oct 2020 20:03

Instrument :
BNA_N
ClientSampleId :
C0AL4DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.7	24.4	36.6
125	26.7	12.9	19.3

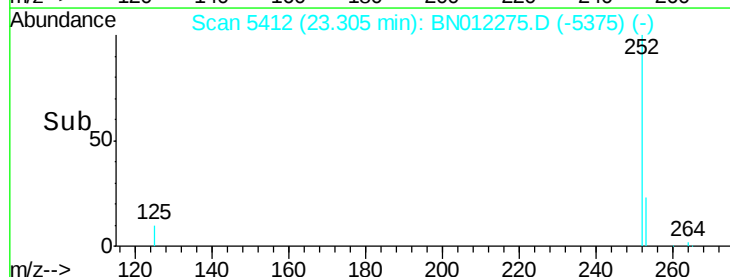
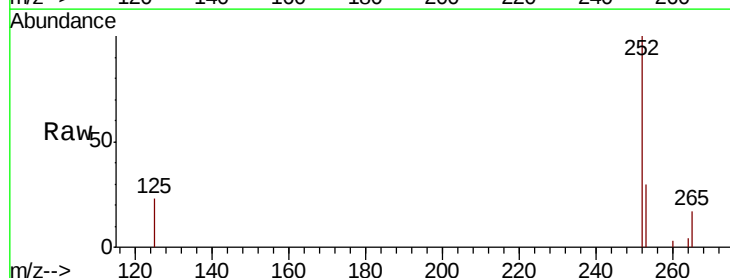
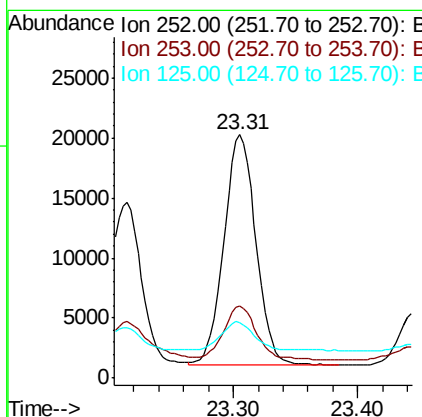
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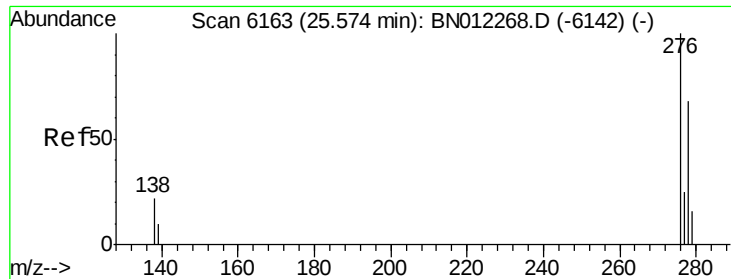
mohammad
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#23
Benzo(a)pyrene
Concen: 1.361 ng/ul
RT: 23.31 min Scan# 5412
Delta R.T. 0.01 min
Lab File: BN012275.D
Acq: 16 Oct 2020 20:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.7	27.0	40.4
125	22.7	18.8	28.2





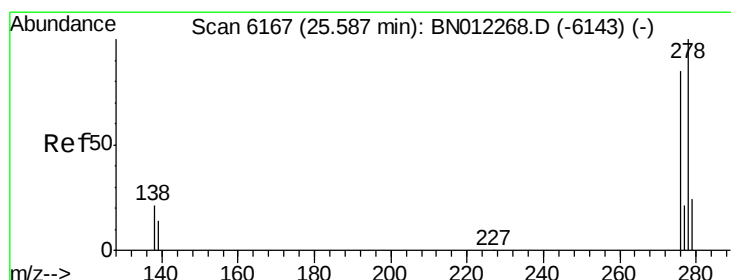
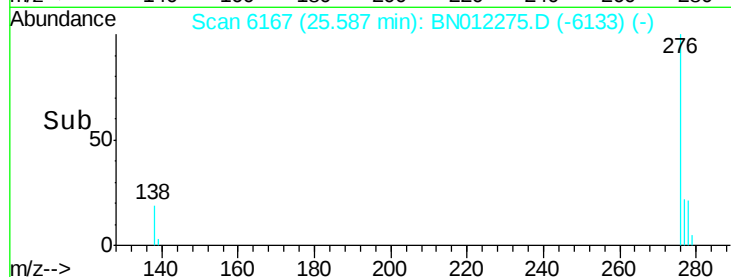
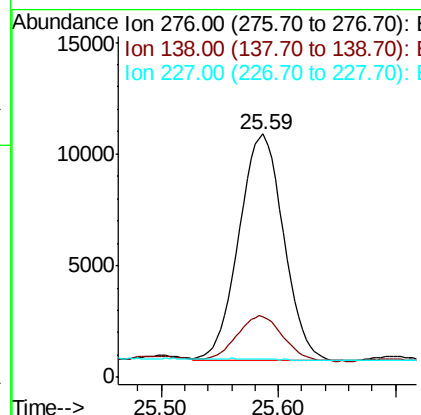
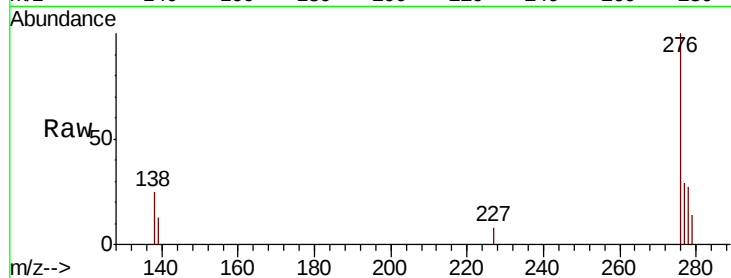
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.828 ng/ul
RT: 25.59 min Scan# 6167
Delta R.T. 0.01 min
Lab File: BN012275.D
Acq: 16 Oct 2020 20:03

Instrument :
BNA_N
ClientSampleId :
COAL4DL

Tot Ion	Ratio	Resp	Lower	Upper
276	100	26823		
138	21.5	0.0	0.0	0.0
227	0.0	0.0	0.0	0.0

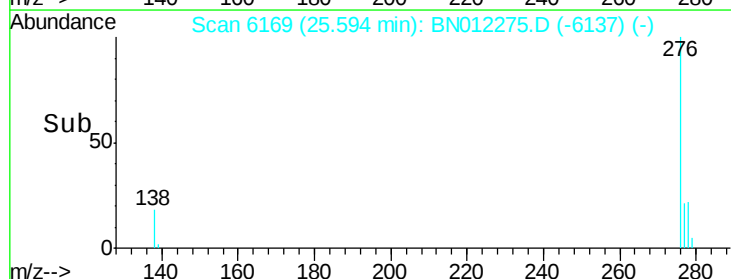
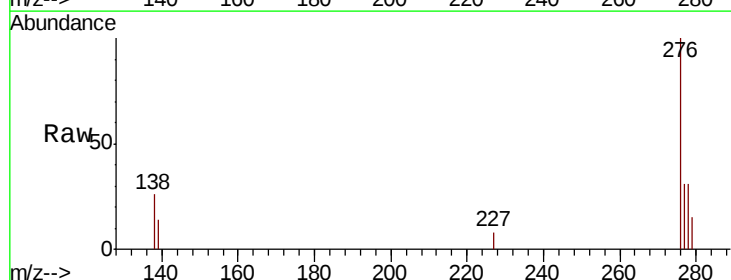
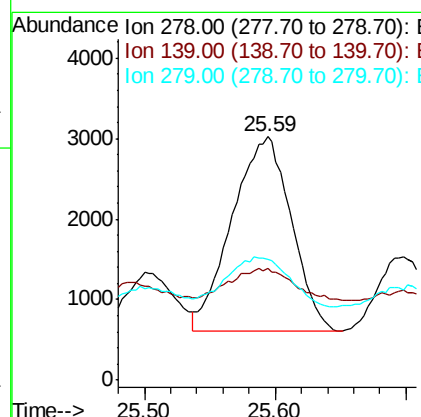
Manual Integrations
APPROVED

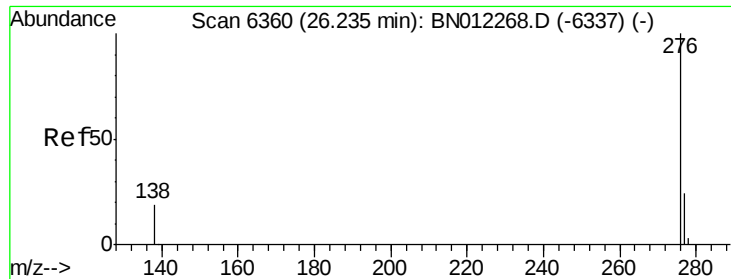
mohammad
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#25
Dibenzo(a,h)anthracene
Concen: 0.295 ng/ul
RT: 25.59 min Scan# 6169
Delta R.T. 0.01 min
Lab File: BN012275.D
Acq: 16 Oct 2020 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	7637		
139	45.7	15.7	23.5	#
279	49.8	26.0	39.0	#





#26

Benzo(a,h,i)perylene

Concen: 0.651 ng/ul

RT: 26.26 min Scan# 6367

Delta R.T. 0.02 min

Lab File: BN012275.D

Acq: 16 Oct 2020 20:03

Instrument :

BNA_N

ClientSampleId :

C0AL4DL

Tot Ion: 276 Resp: 19326

Ion Ratio Lower Upper

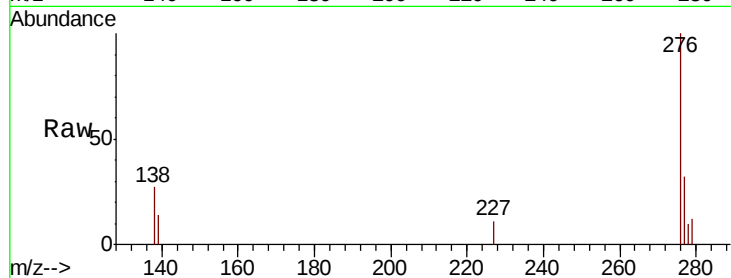
276 100

138 27.5 17.1 25.7#

277 32.0 21.1 31.7#

Manual Integrations
APPROVED

mohammad
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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

