

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
 Data File : BN008916.D
 Acq On : 11 Dec 2019 14:35
 Operator : JU
 Sample : K6088-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BM9

Manual Integrations
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 12/12/2019 11:27:02 AM

Quant Time: Dec 12 01:06:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 11 10:35:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2565	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	11534	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	7760	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	17268	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	14730	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	16245	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	4080	0.22	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	12051	0.23	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.36	128	47469	1.365	ng/ul	99
5) 2-Methylnaphthalene	11.98	142	34978	1.441	ng/ul	99
7) Acenaphthylene	13.90	152	16422	0.383	ng/ul#	96
8) Acenaphthene	14.25	153	14861	0.467	ng/ul	99
9) Fluorene	15.24	166	23570	0.630	ng/ul#	95
11) Pentachlorophenol	16.59	266	160	0.024	ng/ul	92
12) Phenanthrene	16.97	178	170886	2.934	ng/ul	99
13) Anthracene	17.06	178	54150	0.984	ng/ul	99
15) Fluoranthene	19.00	202	314067	4.390	ng/ul	99
17) Pyrene	19.36	202	261815	4.430	ng/ul	96
18) Benzo(a)anthracene	21.12	228	173257	2.925	ng/ul	95
19) Chrysene	21.17	228	193243	3.321	ng/ul	97
21) Benzo(b)fluoranthene	22.65	252	203963m	3.045	ng/ul	
22) Benzo(k)fluoranthene	22.69	252	69215m	1.042	ng/ul	
23) Benzo(a)pyrene	23.19	252	118298	1.881	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.39	276	68433	0.931	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.40	278	19530	0.329	ng/ul#	86
26) Benzo(g,h,i)perylene	26.03	276	62045	1.009	ng/ul	98

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

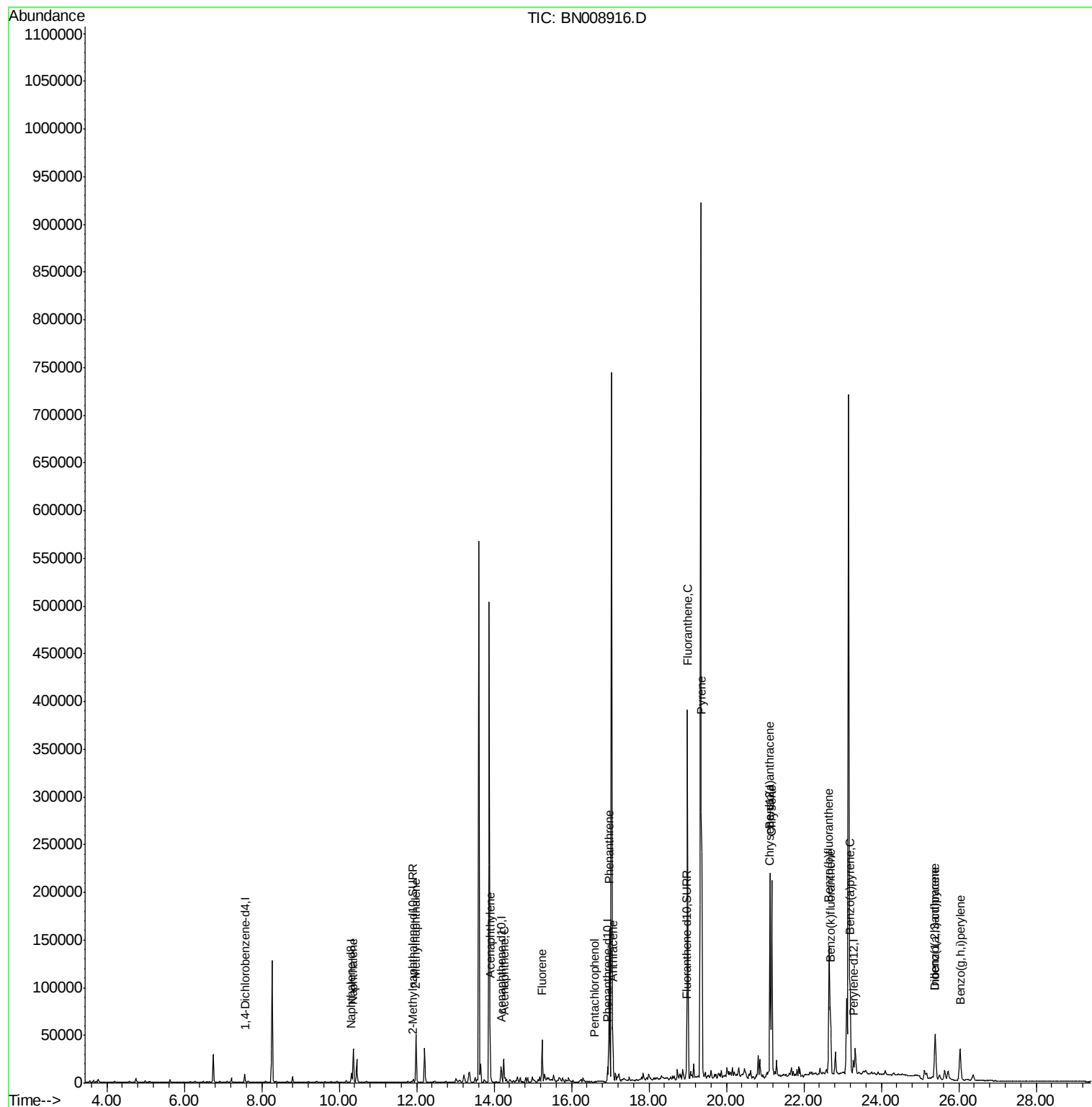
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
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ALS Vial : 9 Sample Multiplier: 1

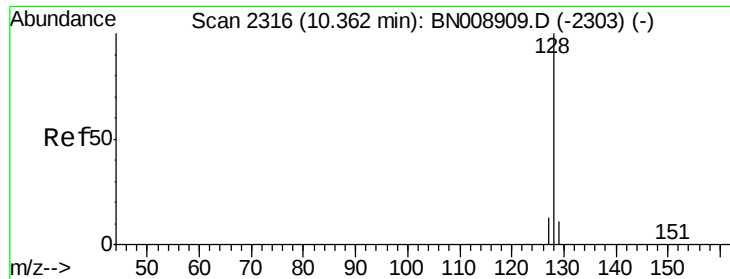
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Quant Time: Dec 12 01:06:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
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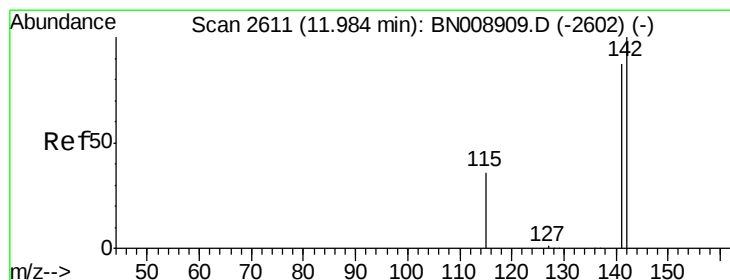
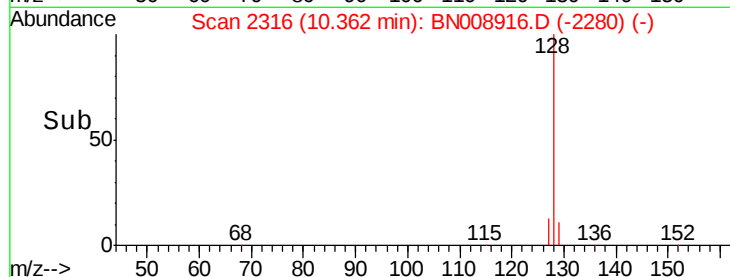
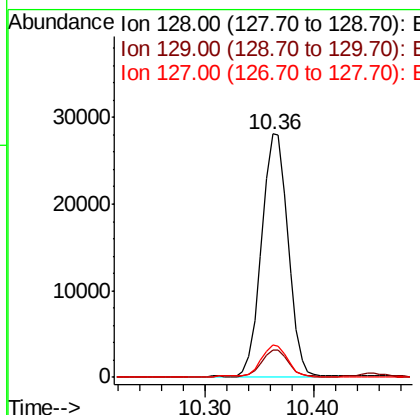
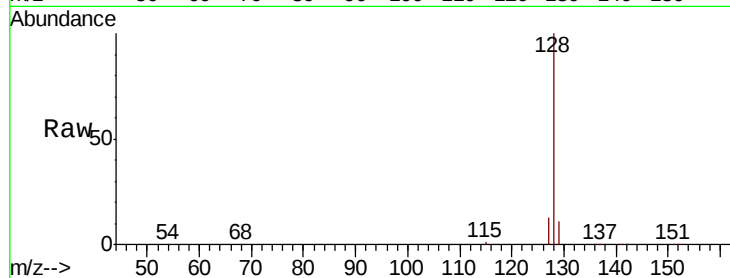
#3
Naphthalene
Concen: 1.365 ng/ul
RT: 10.36 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BN008916.D
Acq: 11 Dec 2019 14:35

Instrument :
BNA_N
ClientSampleId :
C0BM9

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.2	10.7	16.1

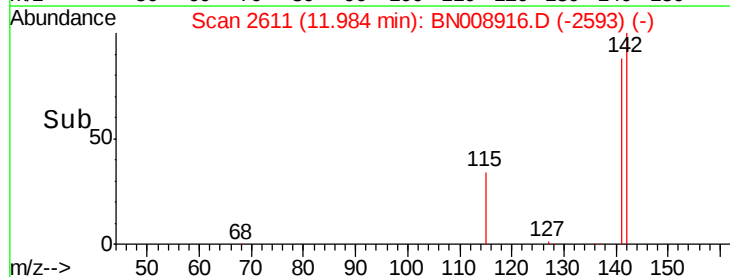
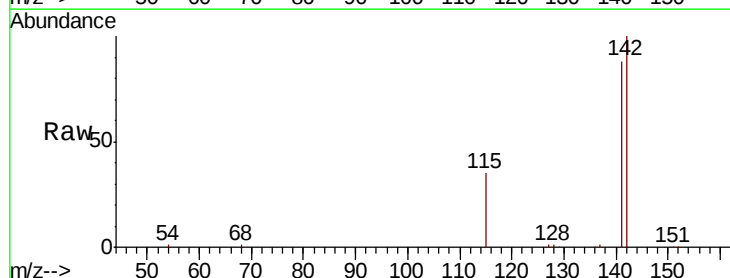
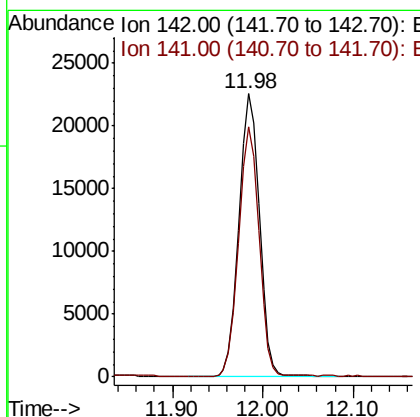
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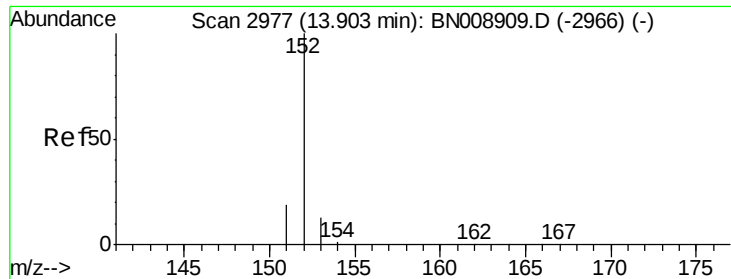
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#5
2-Methylnaphthalene
Concen: 1.441 ng/ul
RT: 11.98 min Scan# 2611
Delta R.T. -0.00 min
Lab File: BN008916.D
Acq: 11 Dec 2019 14:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.1	105.1





#7

Acenaphthylene

Concen: 0.383 ng/ul

RT: 13.90 min Scan# 2977

Delta R.T. 0.00 min

Lab File: BN008916.D

Acq: 11 Dec 2019 14:35

Instrument :

BNA_N

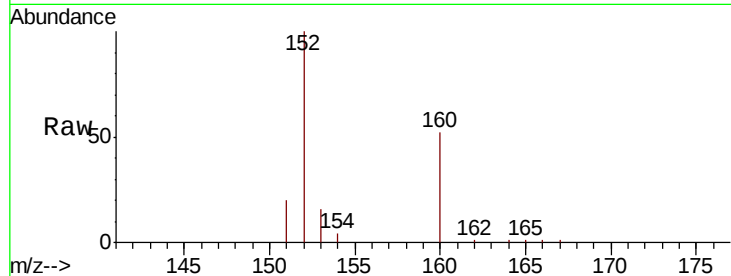
ClientSampleId :

C0BM9

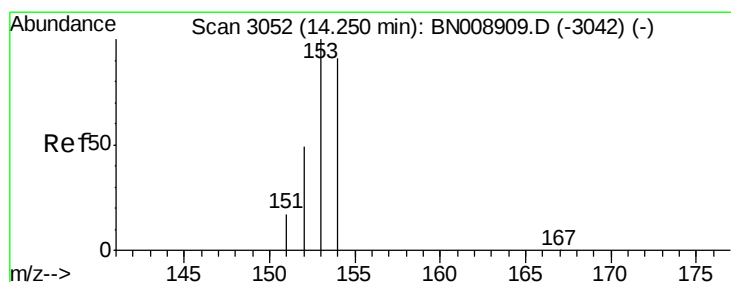
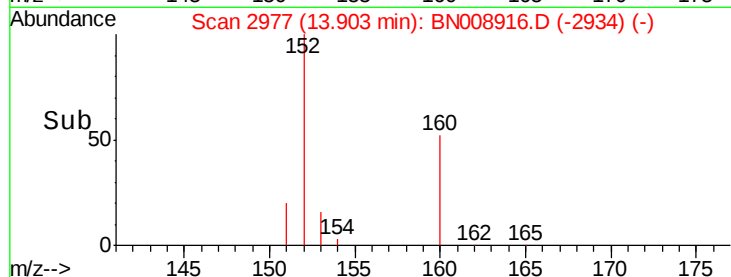
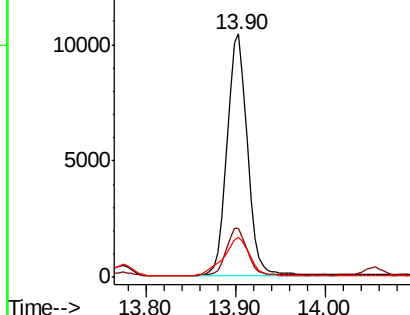
Tot Ion:	152	Resp:	16422
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.8	23.6
153	16.4	10.6	15.8#

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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



#8

Acenaphthene

Concen: 0.467 ng/ul

RT: 14.25 min Scan# 3052

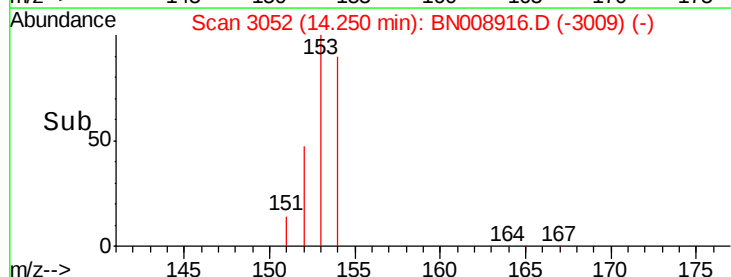
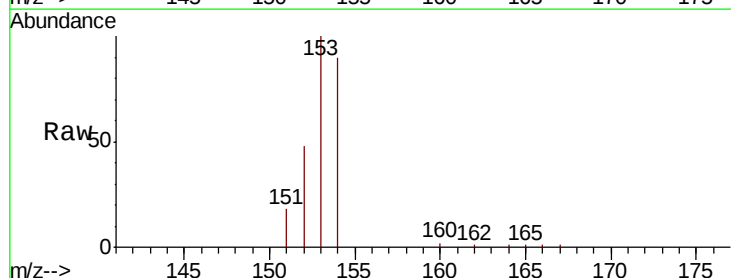
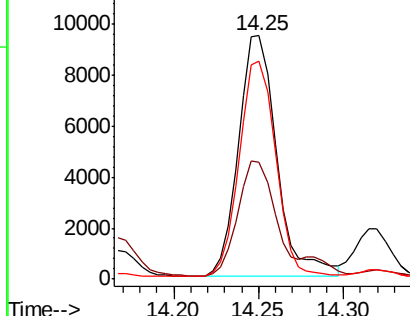
Delta R.T. 0.00 min

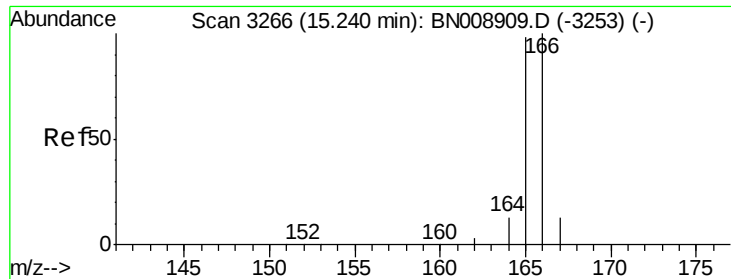
Lab File: BN008916.D

Acq: 11 Dec 2019 14:35

Tgt Ion:	153	Resp:	14861
Ion Ratio	Lower	Upper	
153	100		
152	48.1	38.6	58.0
154	89.6	70.6	105.8

Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.630 ng/ul

RT: 15.24 min Scan# 3266

Delta R.T. 0.00 min

Lab File: BN008916.D

Acq: 11 Dec 2019 14:35

Instrument :

BNA_N

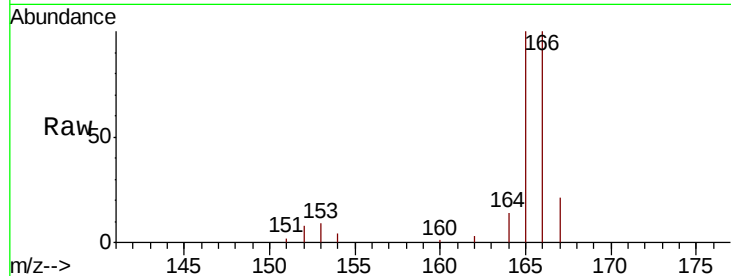
ClientSampleId :

C0BM9

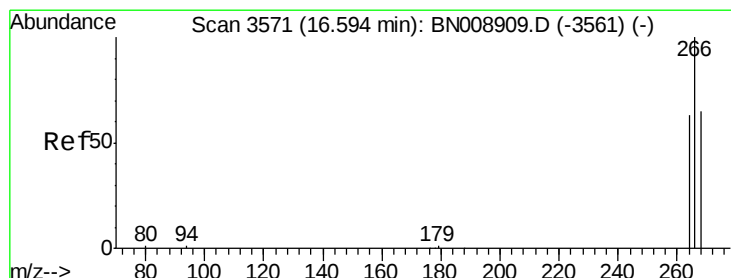
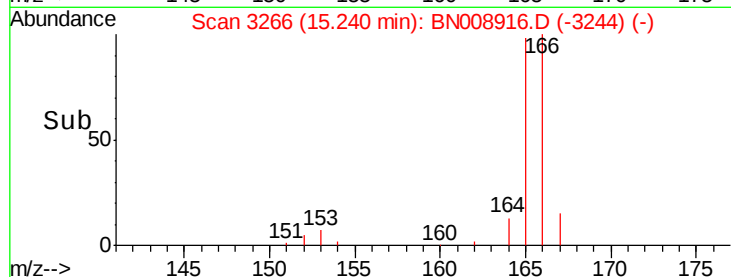
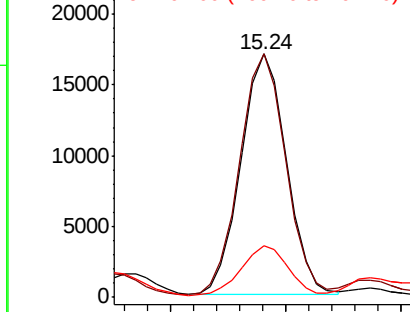
Tot Ion:	166	Resp:	23570
Ion Ratio	Lower	Upper	
166	100		
165	100.1	77.7	116.5
167	21.0	11.1	16.7#

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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



#11

Pentachlorophenol

Concen: 0.024 ng/ul

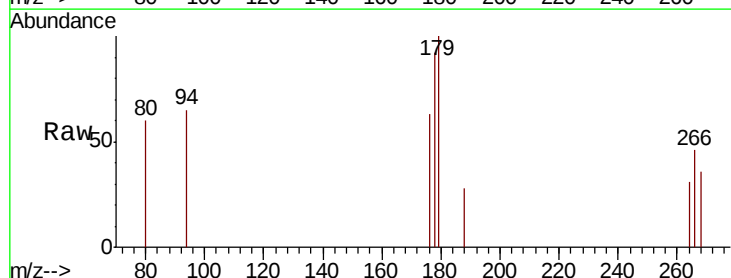
RT: 16.59 min Scan# 3571

Delta R.T. 0.00 min

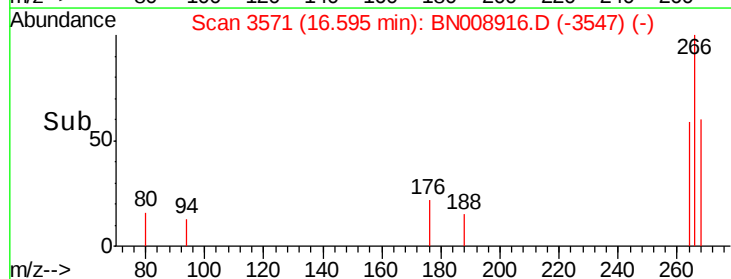
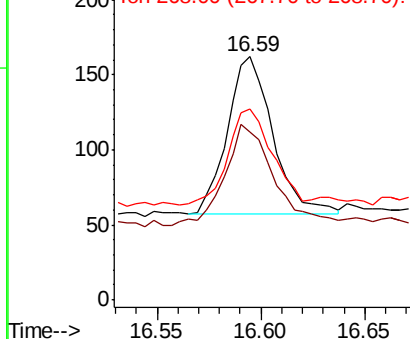
Lab File: BN008916.D

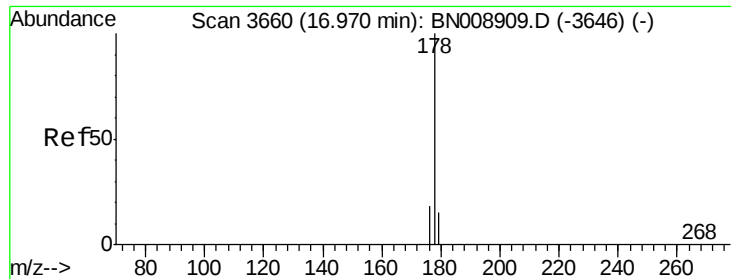
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Tgt Ion:	266	Resp:	160
Ion Ratio	Lower	Upper	
266	100		
264	70.0	50.4	75.6
268	60.0	52.2	78.4



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





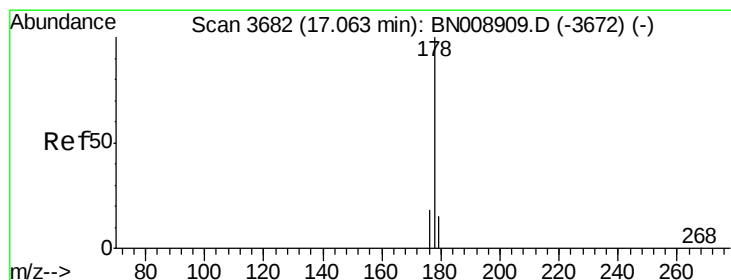
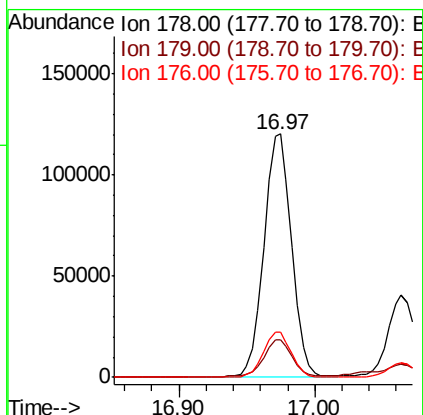
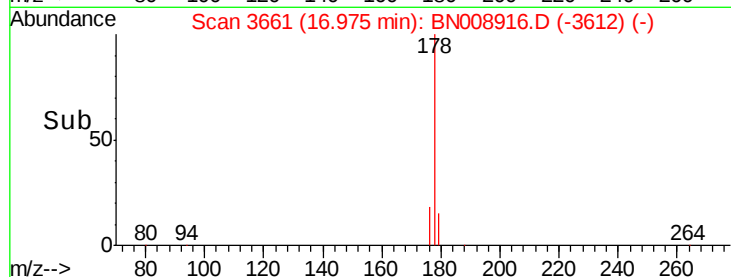
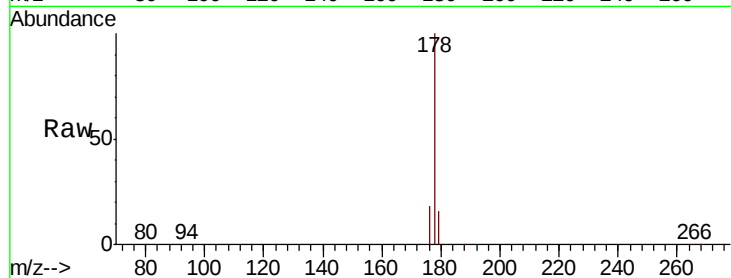
#12
Phenanthrene
Concen: 2.934 ng/ul
RT: 16.97 min Scan# 3661
Delta R.T. 0.00 min
Lab File: BN008916.D
Acq: 11 Dec 2019 14:35

Instrument :
BNA_N
ClientSampleId :
C0BM9

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8
176	18.4	15.3	22.9

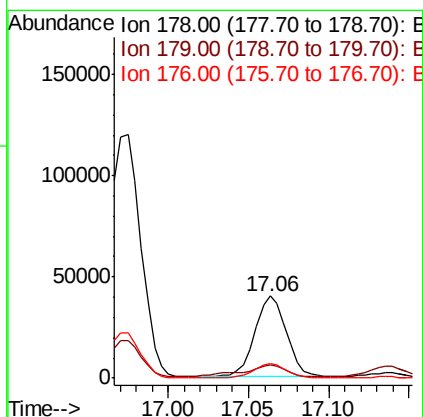
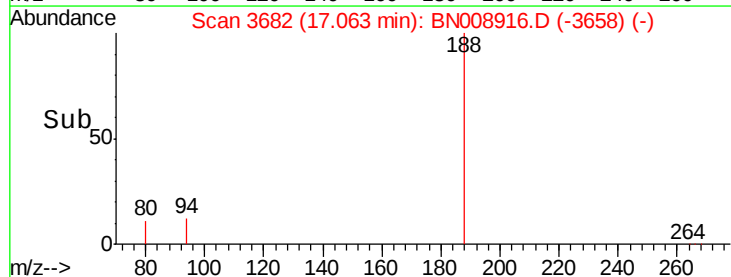
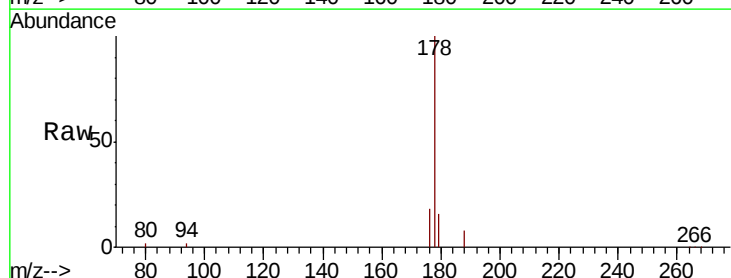
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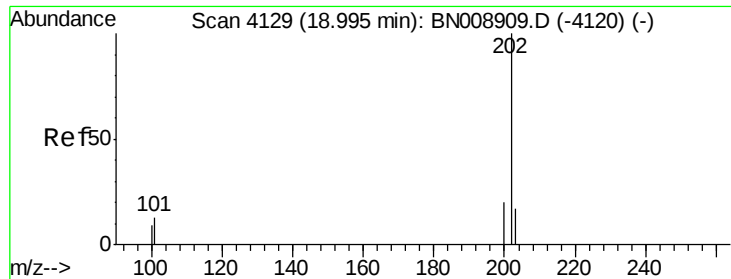
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#13
Anthracene
Concen: 0.984 ng/ul
RT: 17.06 min Scan# 3682
Delta R.T. 0.00 min
Lab File: BN008916.D
Acq: 11 Dec 2019 14:35

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.2	18.4
176	18.2	14.7	22.1





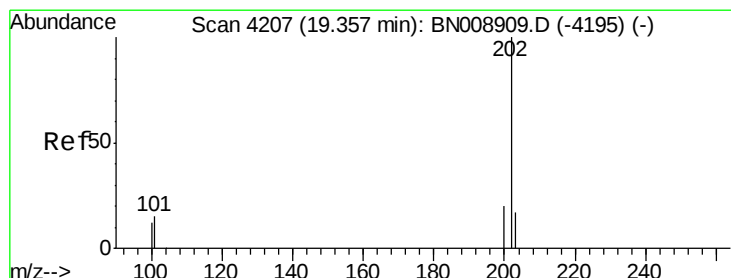
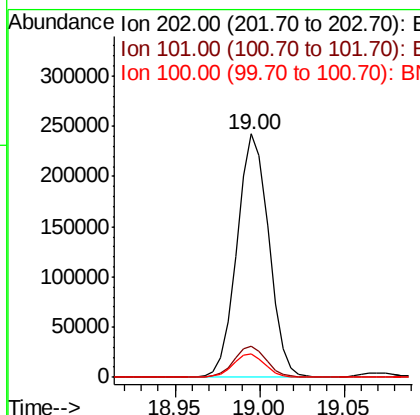
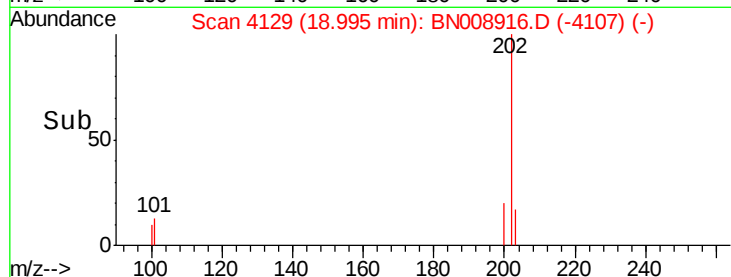
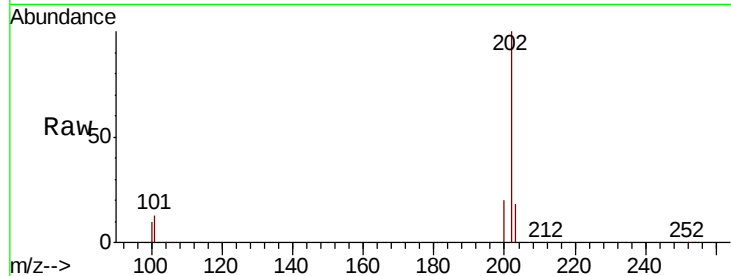
#15
Fluoranthene
 Concen: 4.390 ng/ul
 RT: 19.00 min Scan# 4129
 Delta R.T. 0.00 min
 Lab File: BN008916.D
 Acq: 11 Dec 2019 14:35

Instrument :
 BNA_N
 ClientSampleId :
 C0BM9

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.0	0.0	32.4
100	9.7	0.0	29.2

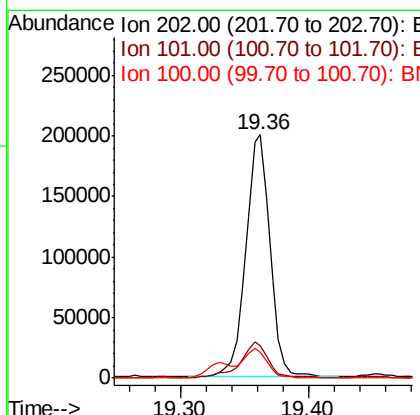
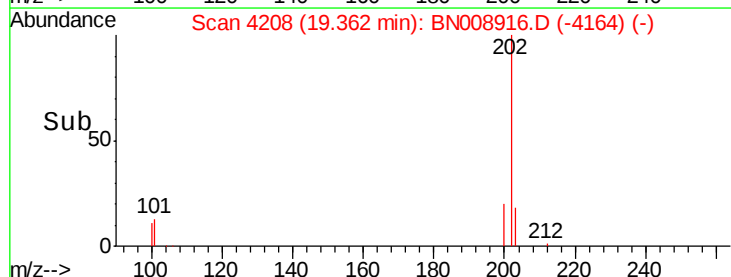
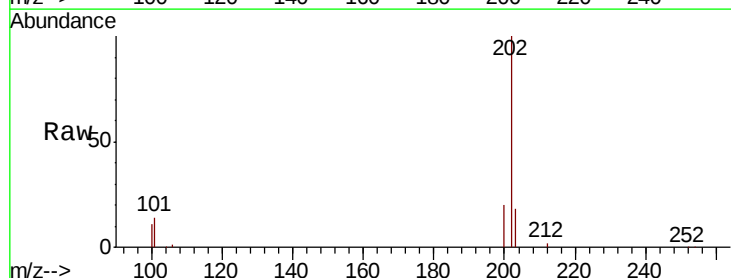
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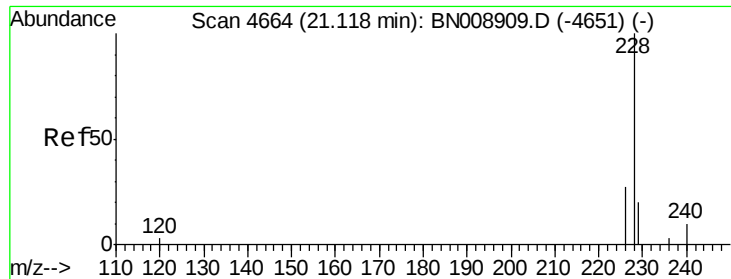
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#17
Pyrene
 Concen: 4.430 ng/ul
 RT: 19.36 min Scan# 4208
 Delta R.T. 0.01 min
 Lab File: BN008916.D
 Acq: 11 Dec 2019 14:35

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.6	12.2	18.4
100	10.7	9.5	14.3





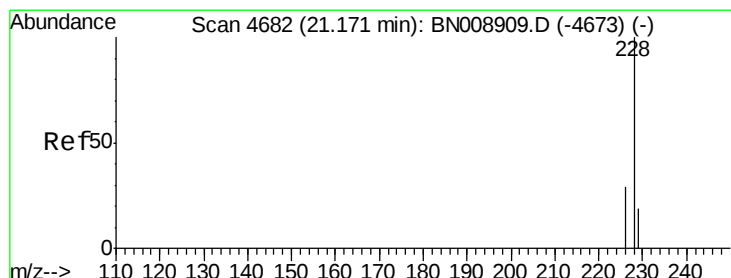
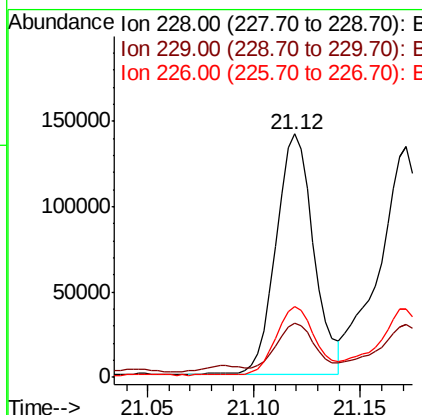
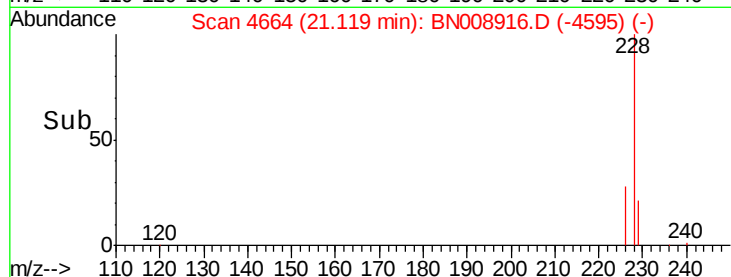
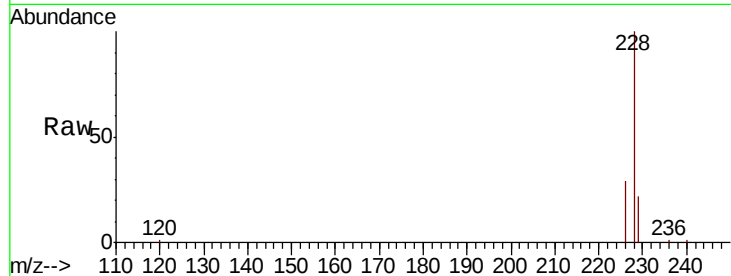
#18
Benzo(a)anthracene
Concen: 2.925 ng/ul
RT: 21.12 min Scan# 4664
Delta R.T. 0.00 min
Lab File: BN008916.D
Acq: 11 Dec 2019 14:35

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.7	23.5
226	28.9	21.5	32.3

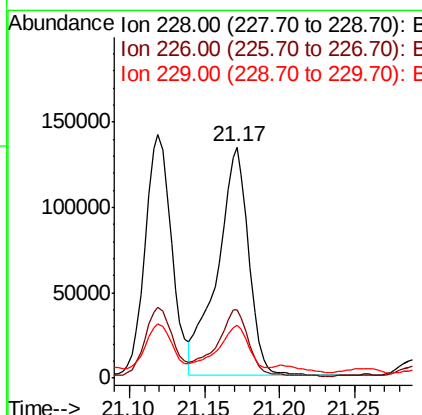
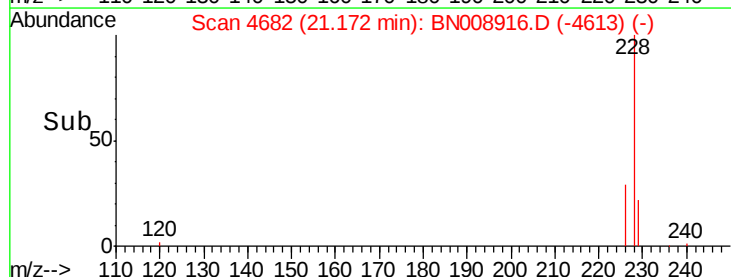
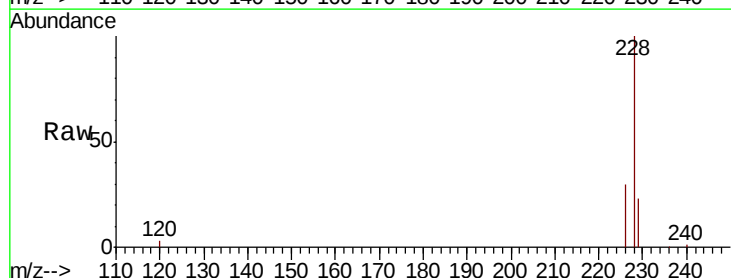
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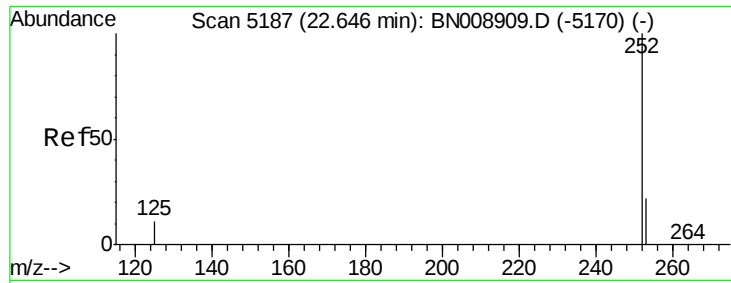
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#19
Chrysene
Concen: 3.321 ng/ul
RT: 21.17 min Scan# 4682
Delta R.T. 0.00 min
Lab File: BN008916.D
Acq: 11 Dec 2019 14:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.6
229	23.2	15.6	23.4





#21

Benzo(b)fluoranthene

Concen: 3.045 ng/ul m

RT: 22.65 min Scan# 5187

Delta R.T. 0.00 min

Lab File: BN008916.D

Acq: 11 Dec 2019 14:35

Instrument :

BNA_N

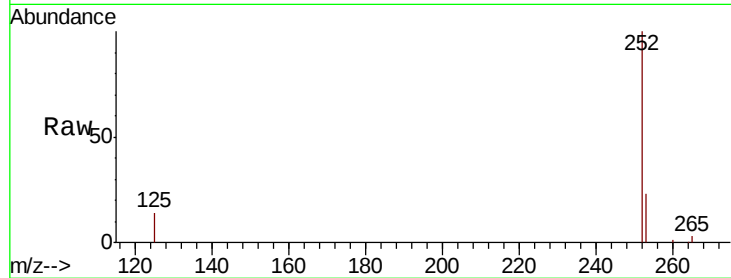
ClientSampleId :

C0BM9

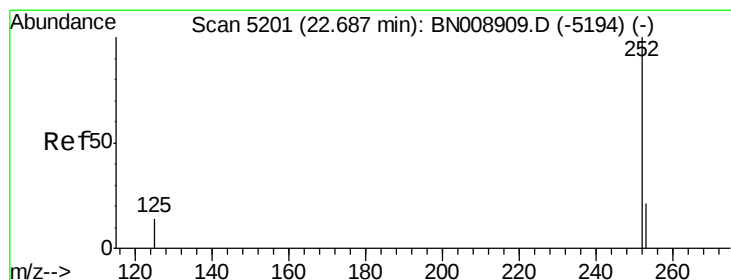
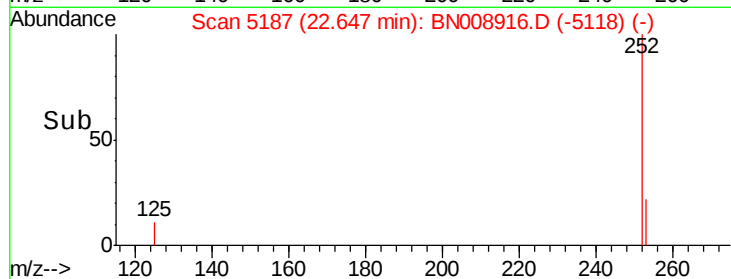
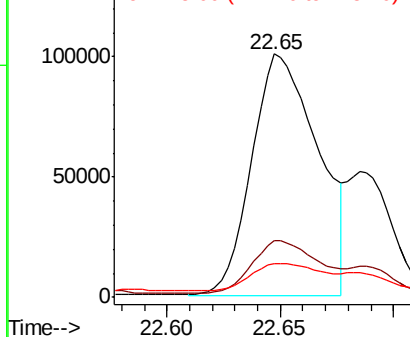
Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.2	0.0	48.6
125	14.0	0.0	31.6

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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: 1.042 ng/ul m

RT: 22.69 min Scan# 5200

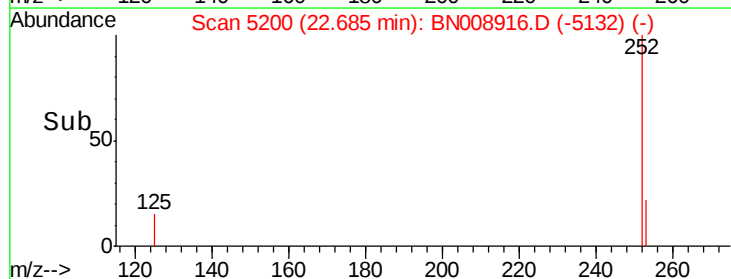
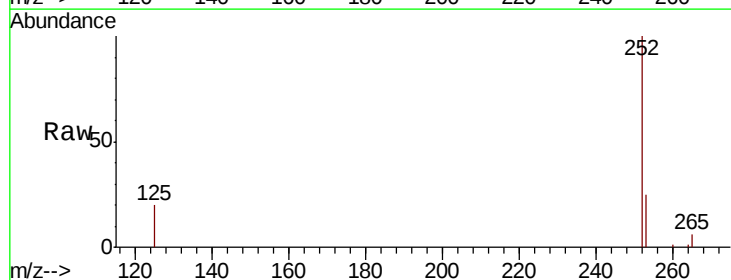
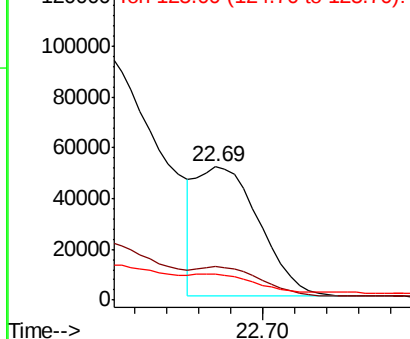
Delta R.T. -0.00 min

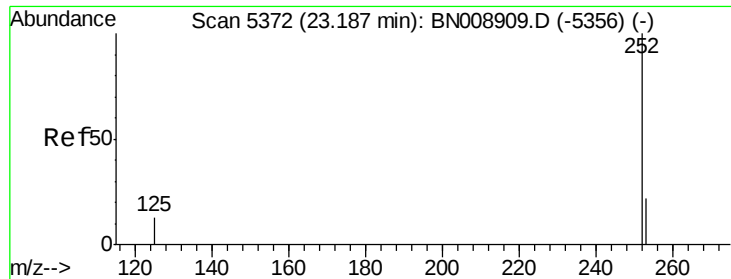
Lab File: BN008916.D

Acq: 11 Dec 2019 14:35

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.9	19.6	29.4
125	19.6	13.8	20.6

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: 1.881 ng/ul

RT: 23.19 min Scan# 5373

Delta R.T. 0.00 min

Lab File: BN008916.D

Acq: 11 Dec 2019 14:35

Instrument :

BNA_N

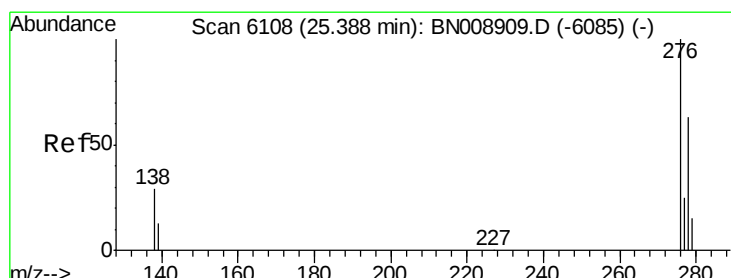
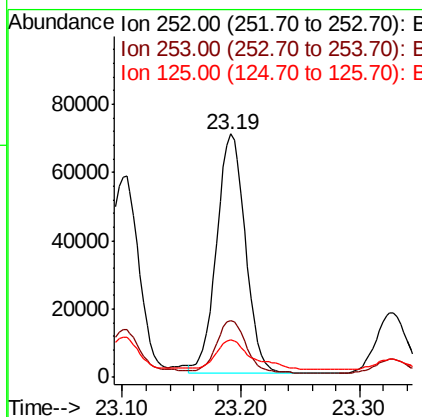
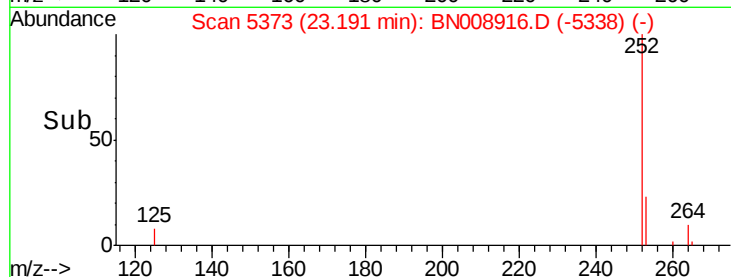
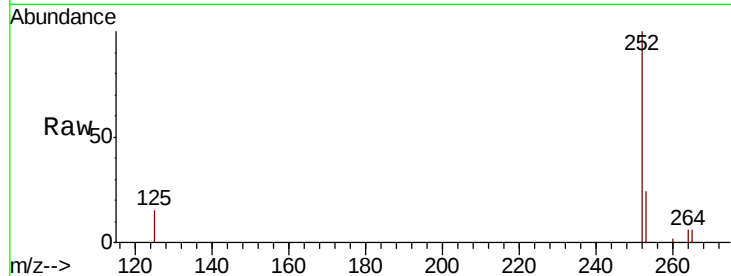
ClientSampleId :

C0BM9

Tot Ion:	252	Resp:	118298
Ion Ratio	Lower	Upper	
252	100		
253	23.5	19.9	29.9
125	15.5	14.6	22.0

Manual Integrations
APPROVED

mohammad
12/12/2019 11:27:02 AM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.931 ng/ul

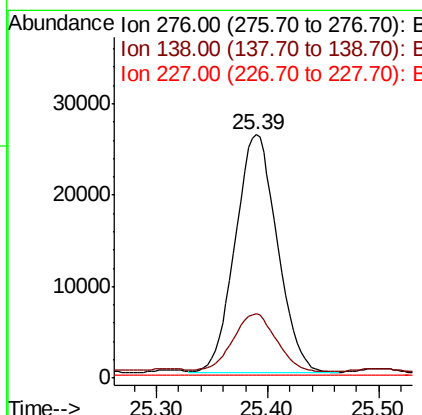
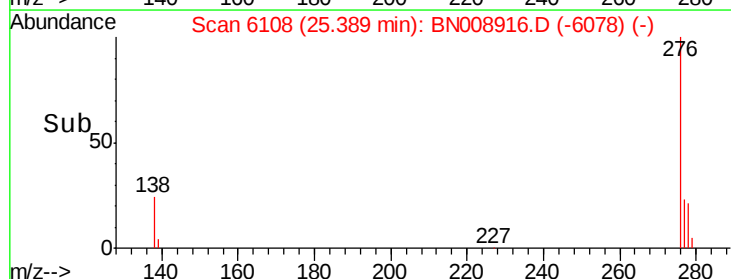
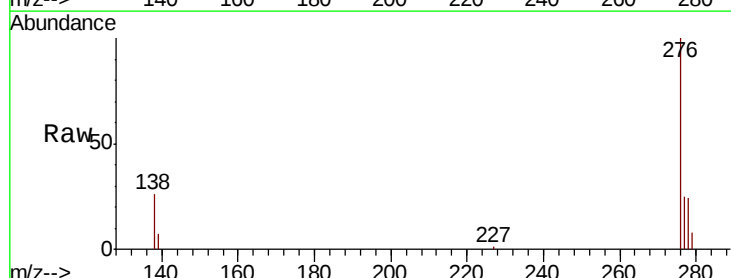
RT: 25.39 min Scan# 6108

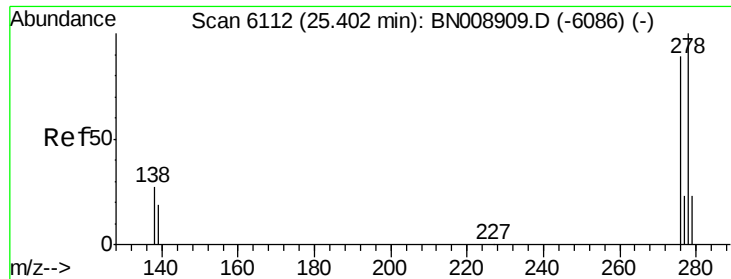
Delta R.T. 0.00 min

Lab File: BN008916.D

Acq: 11 Dec 2019 14:35

Tgt Ion:	276	Resp:	68433
Ion Ratio	Lower	Upper	
276	100		
138	24.9	23.8	35.6
227	0.4	0.2	0.2#





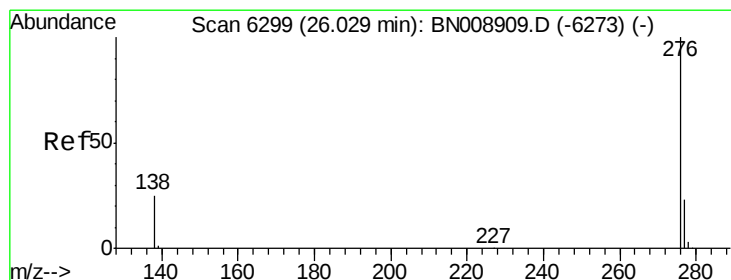
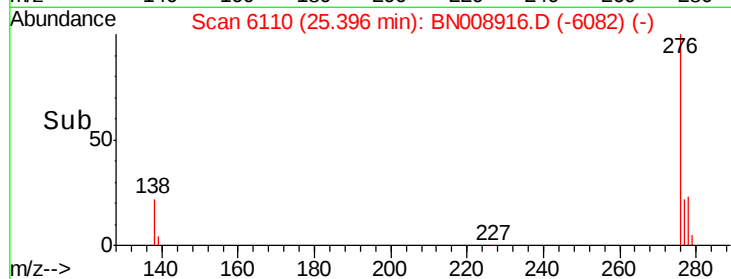
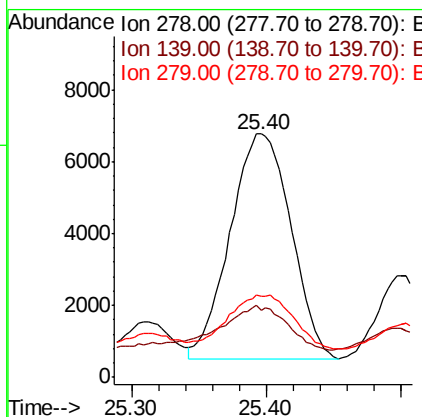
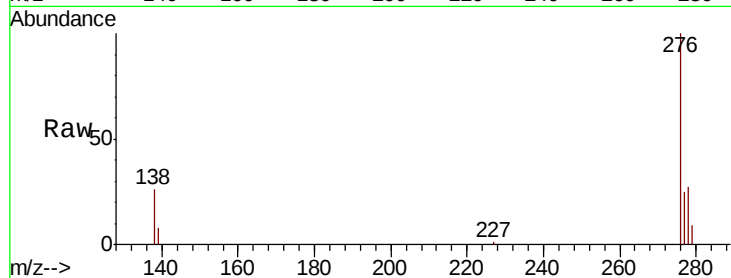
#25
Dibenzo(a,h)anthracene
Concen: 0.329 ng/u1
RT: 25.40 min Scan# 6110
Delta R.T. -0.01 min
Lab File: BN008916.D
Acq: 11 Dec 2019 14:35

Instrument :
BNA_N
ClientSampleId :
C0BM9

Tot Ion	Ratio	Lower	Upper
278	100		
139	27.5	17.4	26.0#
279	33.4	20.5	30.7#

Manual Integrations
APPROVED

mohammad
12/12/2019 11:27:02 AM



#26
Benzo(g,h,i)perylene
Concen: 1.009 ng/u1
RT: 26.03 min Scan# 6300
Delta R.T. 0.00 min
Lab File: BN008916.D
Acq: 11 Dec 2019 14:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.3	21.9	32.9
277	25.4	19.9	29.9

