

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008099.D
 Acq On : 12 Oct 2019 05:13
 Operator : JU
 Sample : K5124-19
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLMA8

Manual Integrations
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mohammad
 10/15/2019 7:58:00 AM

Quant Time: Oct 13 01:58:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3037	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	14622	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	9655	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	22333m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	23431m	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	19247m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	4647	0.19	ng/ul	-0.01
14) Fluoranthene-d10	19.04	212	15497m	0.20	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	3439	0.083	ng/ul#	94
5) 2-Methylnaphthalene	12.07	142	2447	0.086	ng/ul	99
7) Acenaphthylene	13.98	152	14385	0.313	ng/ul	99
8) Acenaphthene	14.32	153	957	0.027	ng/ul	95
9) Fluorene	15.31	166	2775	0.068	ng/ul#	91
12) Phenanthrene	17.05	178	49852m	0.762	ng/ul	
13) Anthracene	17.14	178	6568m	0.114	ng/ul	
15) Fluoranthene	19.07	202	131074m	1.518	ng/ul	
17) Pyrene	19.44	202	131735	1.412	ng/ul	98
18) Benzo(a)anthracene	21.19	228	57379m	0.674	ng/ul	
19) Chrysene	21.24	228	93140	0.891	ng/ul	98
21) Benzo(b)fluoranthene	22.75	252	106321m	1.697	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	41737m	0.588	ng/ul	
23) Benzo(a)pyrene	23.31	252	67222	1.020	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.57	276	49283	0.635	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.58	278	10761	0.175	ng/ul#	80
26) Benzo(a,h,i)perylene	26.24	276	45418	0.638	ng/ul	99

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

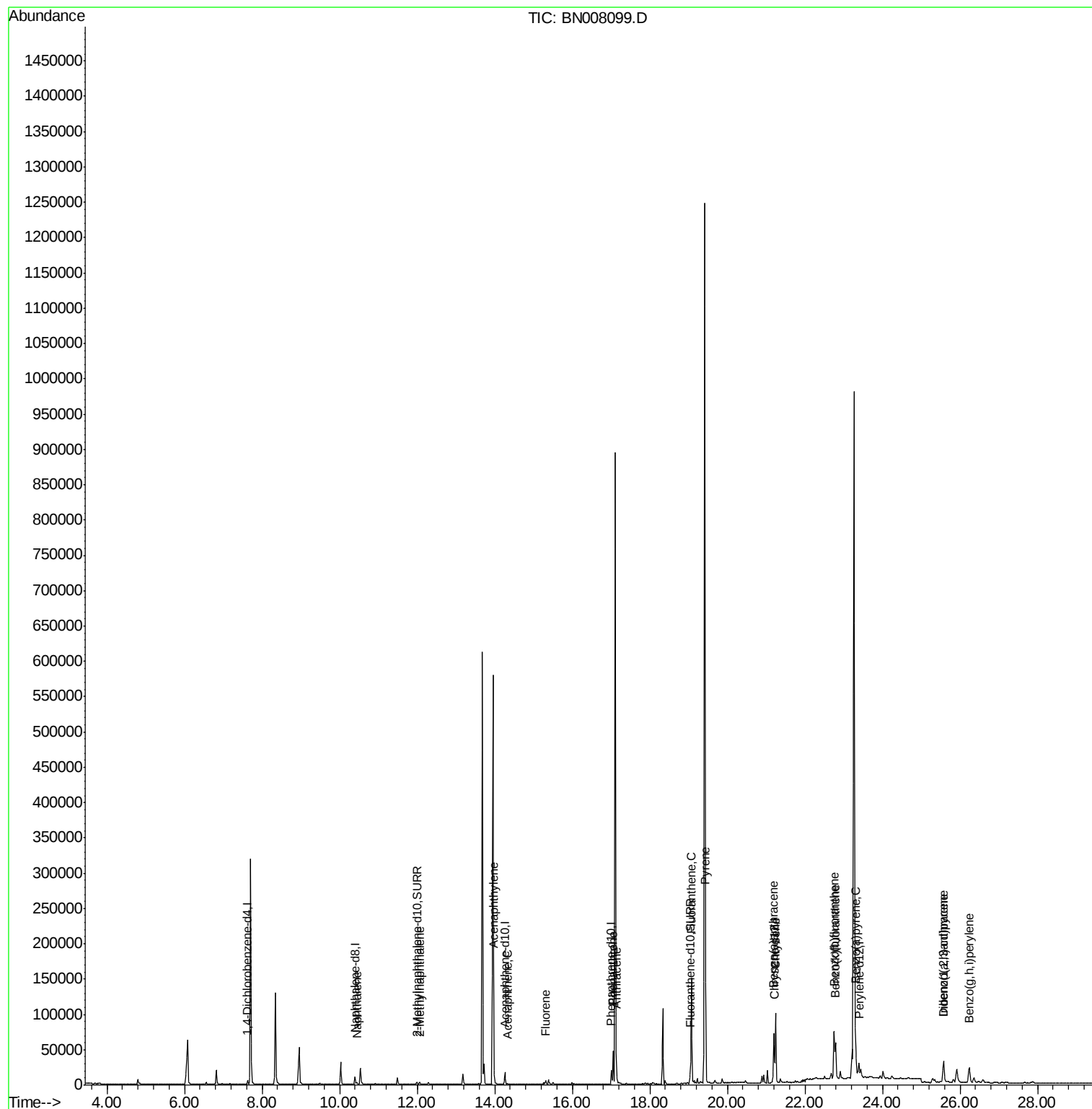
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
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ALS Vial : 32 Sample Multiplier: 1

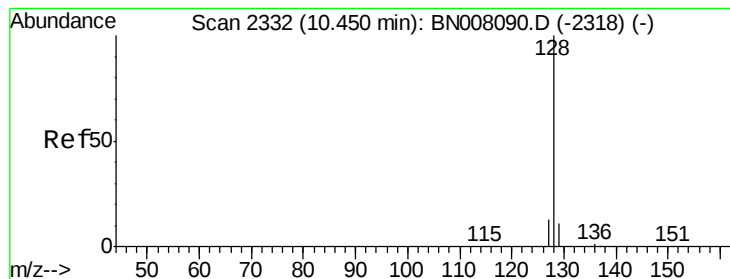
Instrument :
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QLast Update : Fri Oct 11 19:05:54 2019
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#3

Naphthalene

Concen: 0.083 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BN008099.D

Acq: 12 Oct 2019 05:13

Instrument :

BNA_N

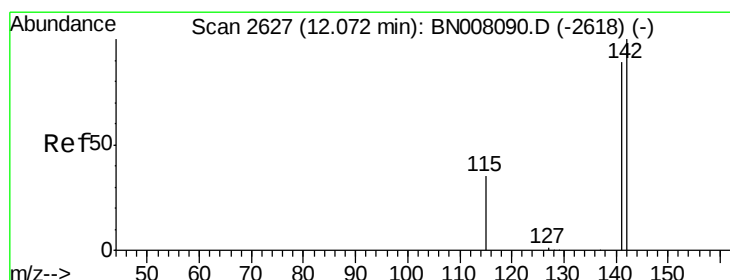
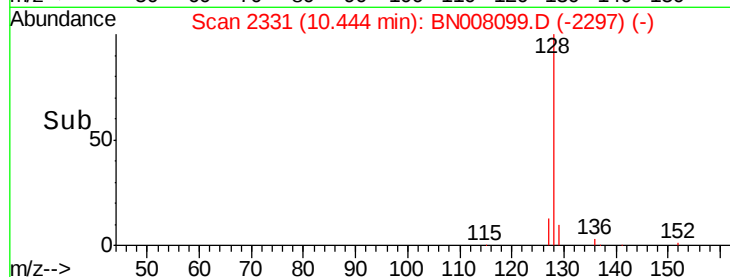
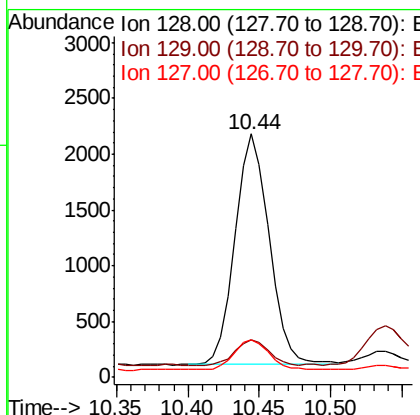
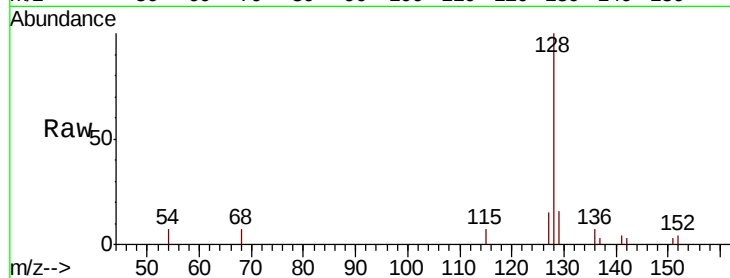
ClientSampleId :

JLMA8

Tot Ion	Ratio	Lower	Upper
128	100		
129	15.7	9.8	14.8#
127	15.3	11.1	16.7

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#5

2-Methylnaphthalene

Concen: 0.086 ng/ul

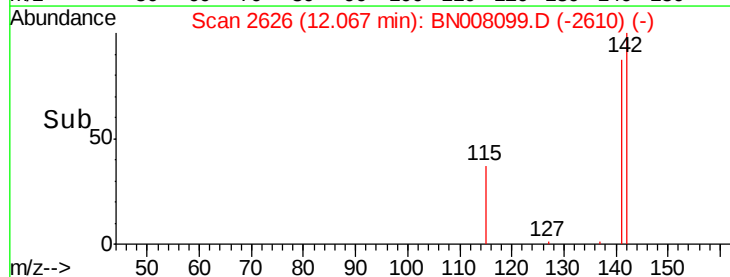
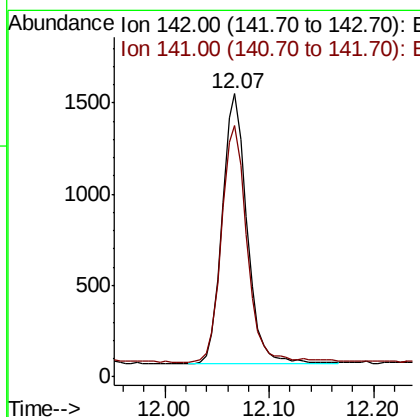
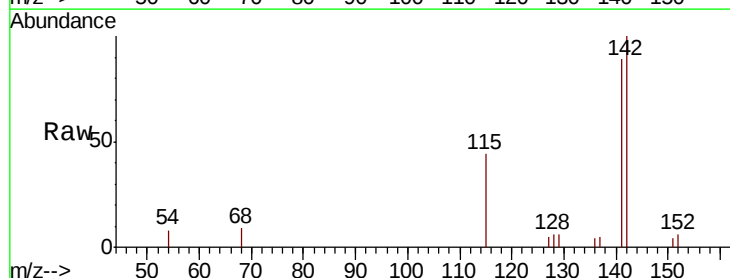
RT: 12.07 min Scan# 2626

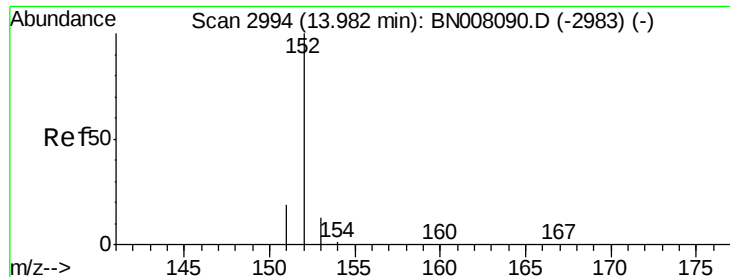
Delta R.T. -0.01 min

Lab File: BN008099.D

Acq: 12 Oct 2019 05:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.4	107.2





#7

Acenaphthylene

Concen: 0.313 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BN008099.D

Acq: 12 Oct 2019 05:13

Instrument :

BNA_N

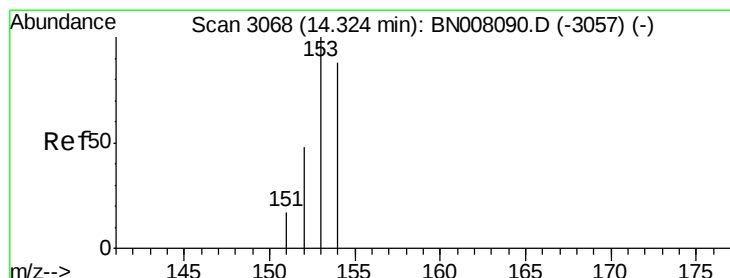
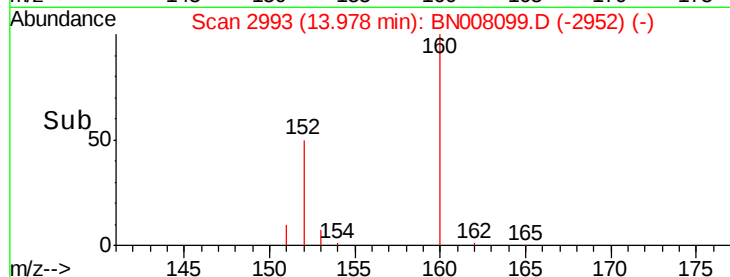
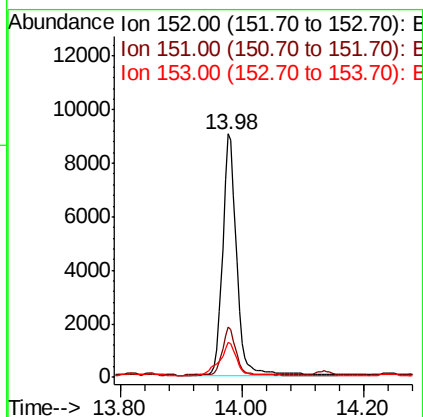
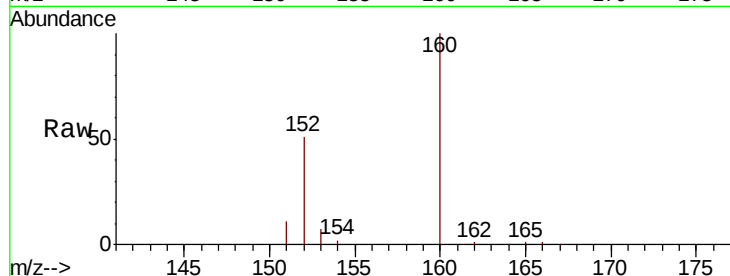
ClientSampleId :

JLMA8

Tot Ion:	152	Resp:	14385
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.2	24.4
153	14.4	11.0	16.4

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#8

Acenaphthene

Concen: 0.027 ng/ul

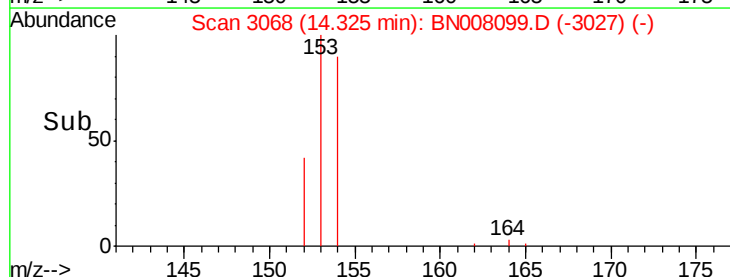
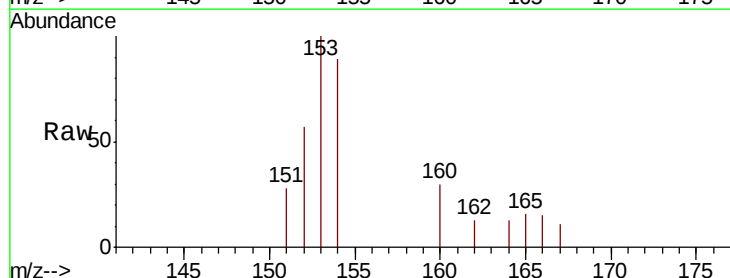
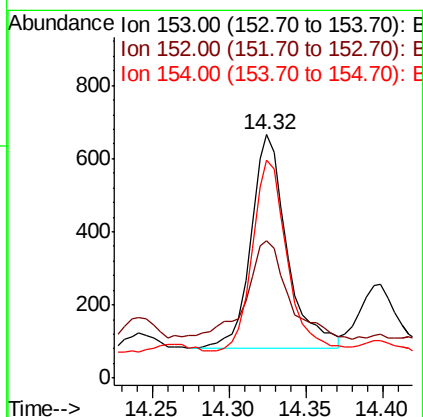
RT: 14.32 min Scan# 3068

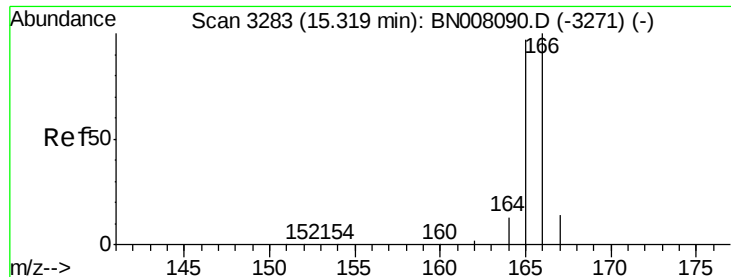
Delta R.T. -0.01 min

Lab File: BN008099.D

Acq: 12 Oct 2019 05:13

Tgt Ion:	153	Resp:	957
Ion Ratio	Lower	Upper	
153	100		
152	56.6	38.2	57.2
154	89.3	71.8	107.8





#9

Fluorene

Concen: 0.068 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. -0.01 min

Lab File: BN008099.D

Acq: 12 Oct 2019 05:13

Instrument :

BNA_N

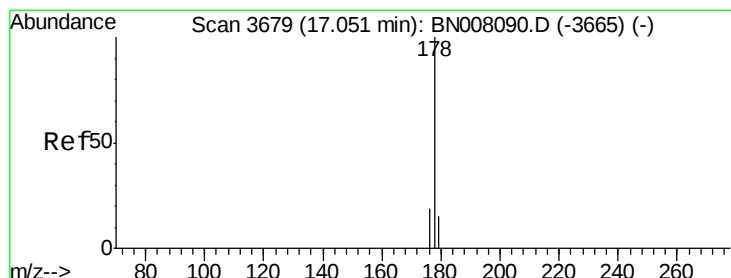
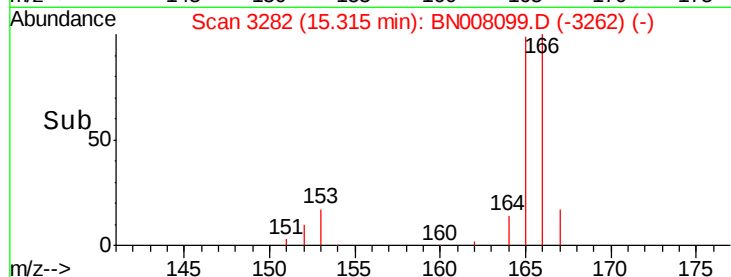
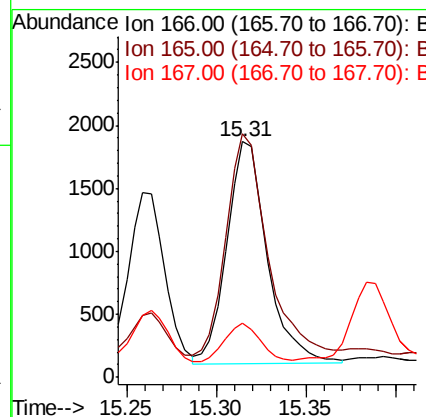
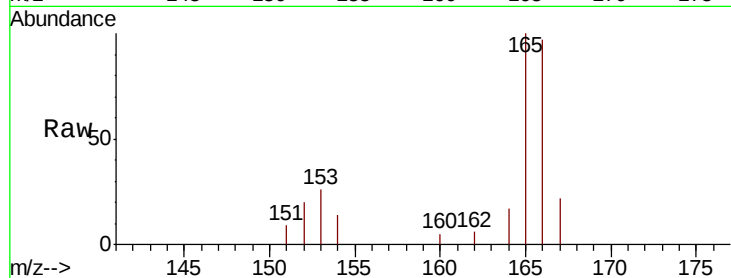
ClientSampleId :

JLMA8

Tot Ion	Ratio	Lower	Upper
166	100		
165	103.5	76.6	115.0
167	22.8	11.7	17.5

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#12

Phenanthrene

Concen: 0.762 ng/ul m

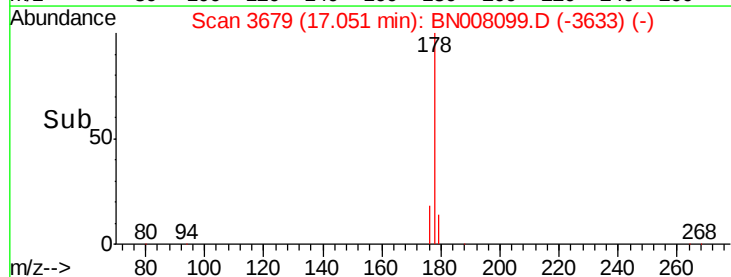
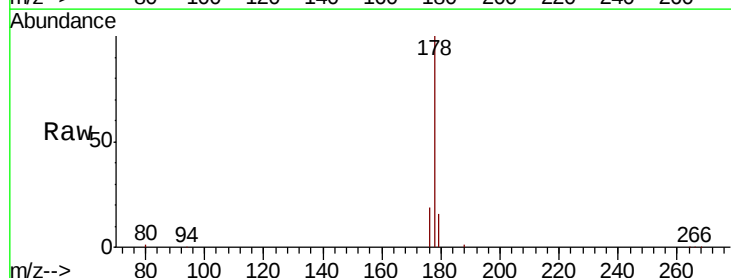
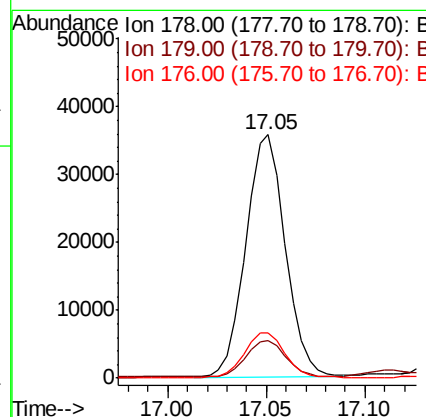
RT: 17.05 min Scan# 3679

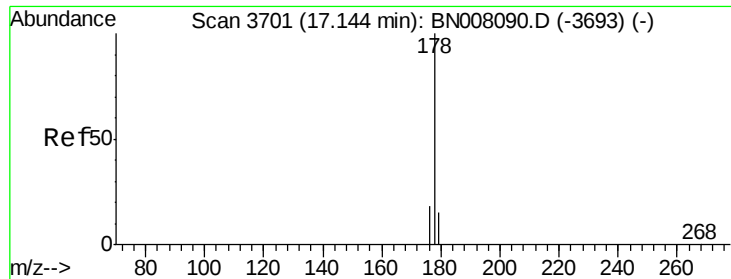
Delta R.T. -0.00 min

Lab File: BN008099.D

Acq: 12 Oct 2019 05:13

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	18.6	15.4	23.2





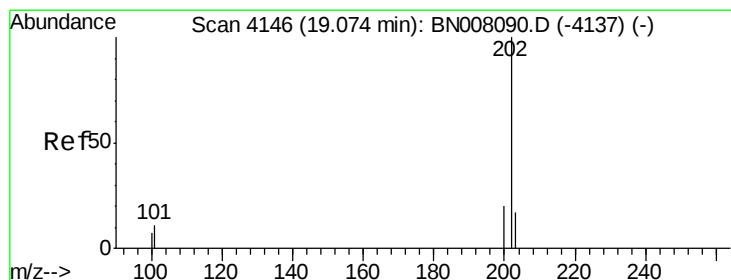
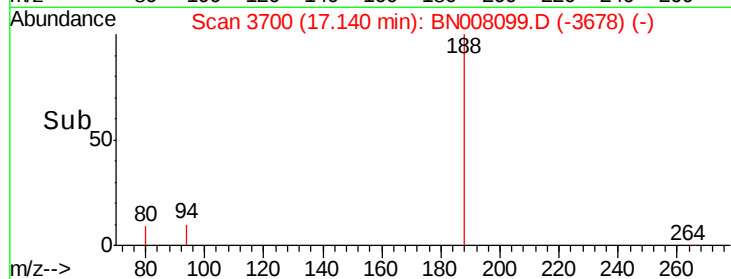
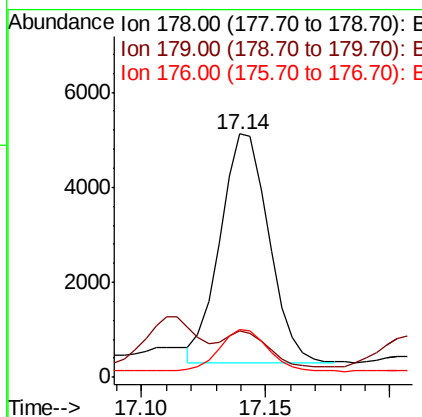
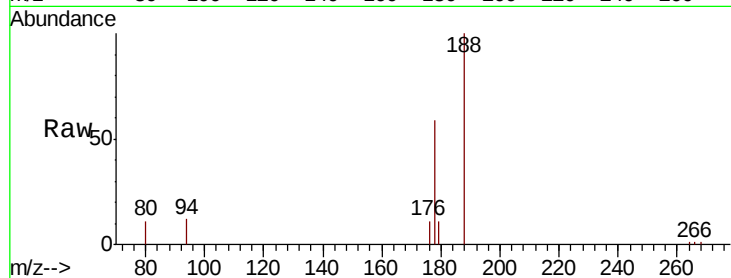
#13
 Anthracene
 Concen: 0.114 ng/ul m
 RT: 17.14 min Scan# 3700
 Delta R.T. -0.01 min
 Lab File: BN008099.D
 Acq: 12 Oct 2019 05:13

Instrument :
 BNA_N
 ClientSampleId :
 JLMA8

Tot Ion:178 Resp: 6568
 Ion Ratio Lower Upper
 178 100
 179 19.0 13.0 19.6
 176 19.4 15.0 22.6

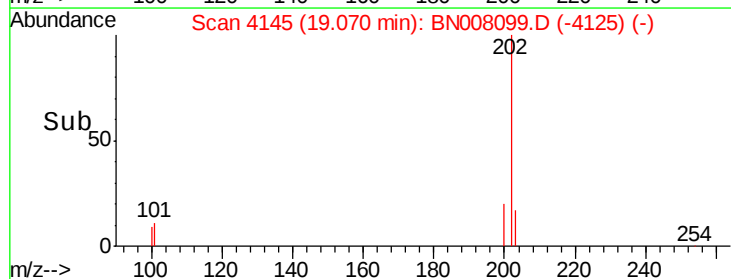
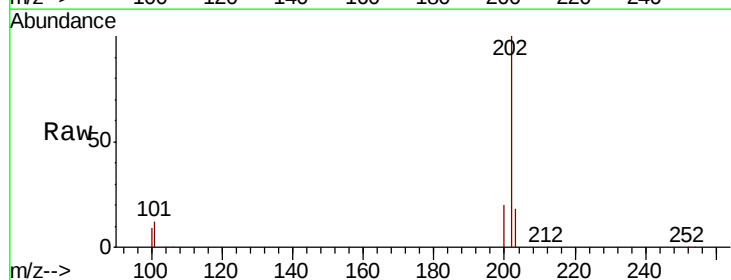
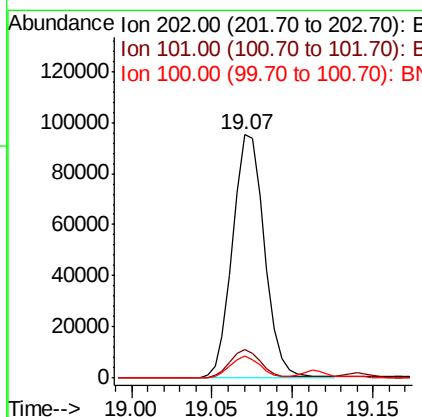
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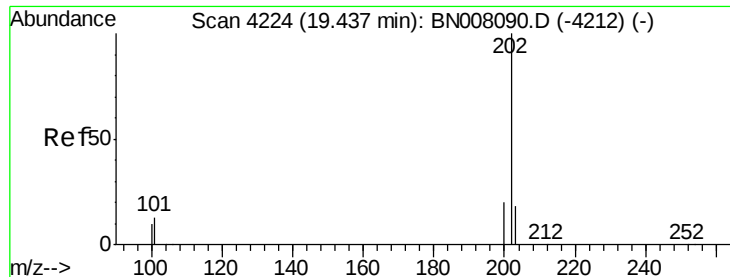
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#15
 Fluoranthene
 Concen: 1.518 ng/ul m
 RT: 19.07 min Scan# 4145
 Delta R.T. -0.01 min
 Lab File: BN008099.D
 Acq: 12 Oct 2019 05:13

Tgt Ion:202 Resp: 131074
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 31.2
 100 8.9 0.0 28.5





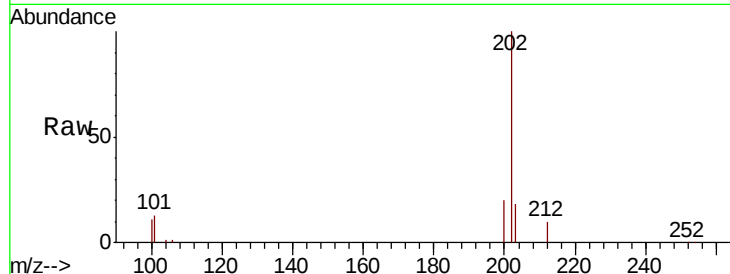
#17
Pvrene
Concen: 1.412 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN008099.D
Acq: 12 Oct 2019 05:13

Instrument :
BNA_N
ClientSampleId :
JLMA8

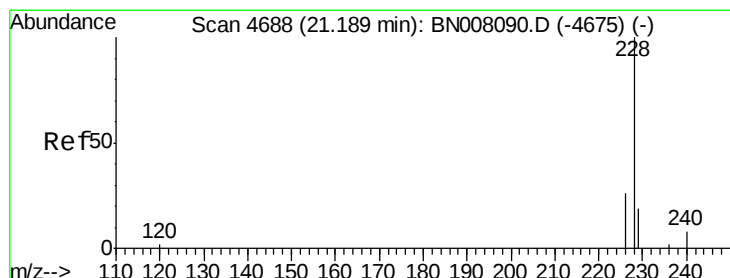
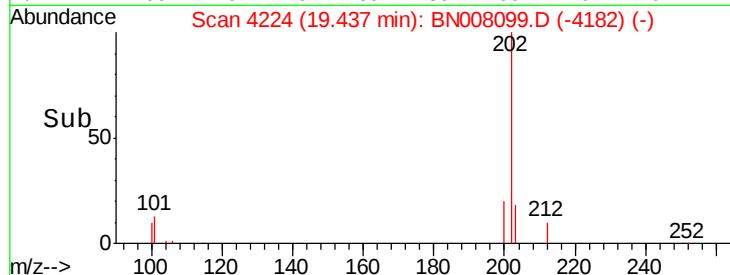
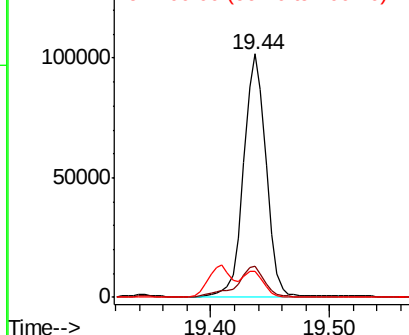
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.9	16.3
100	10.5	8.7	13.1

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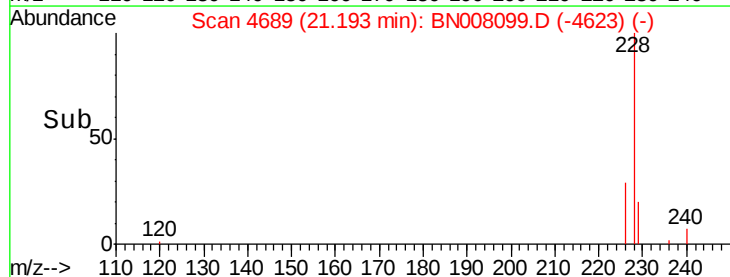
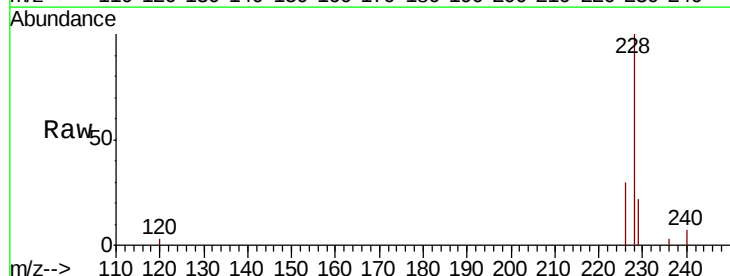
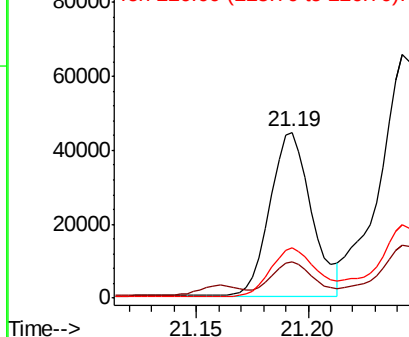
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Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

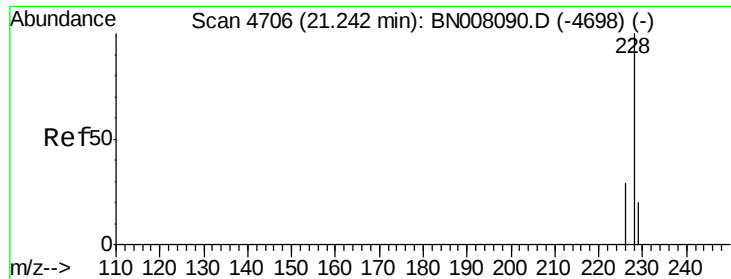


#18
Benzo(a)anthracene
Concen: 0.674 ng/ul m
RT: 21.19 min Scan# 4689
Delta R.T. -0.01 min
Lab File: BN008099.D
Acq: 12 Oct 2019 05:13

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.2	24.2
226	30.0	21.4	32.0

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.891 ng/ul

RT: 21.24 min Scan# 4706

Delta R.T. -0.01 min

Lab File: BN008099.D

Acq: 12 Oct 2019 05:13

Instrument :

BNA_N

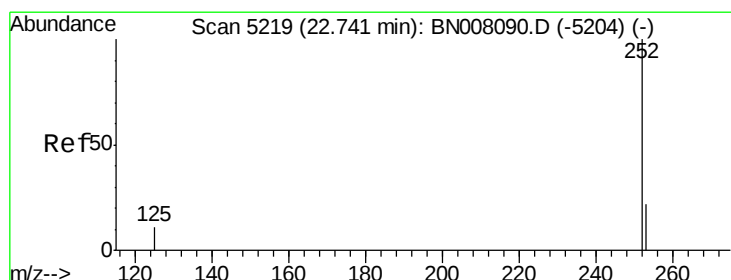
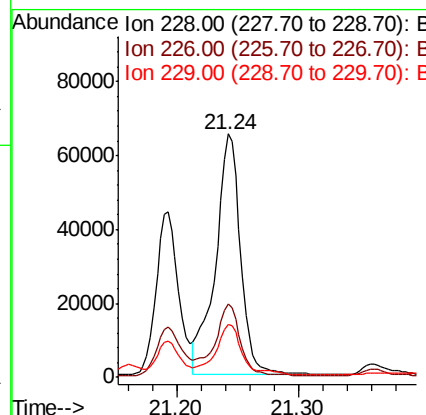
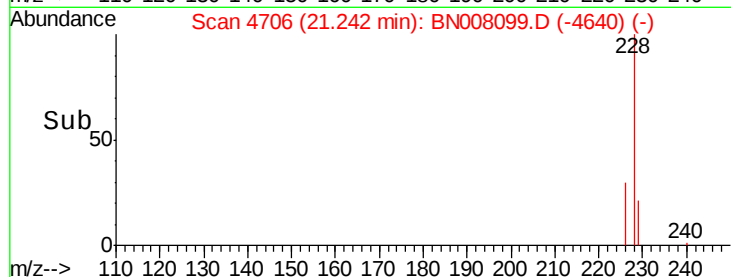
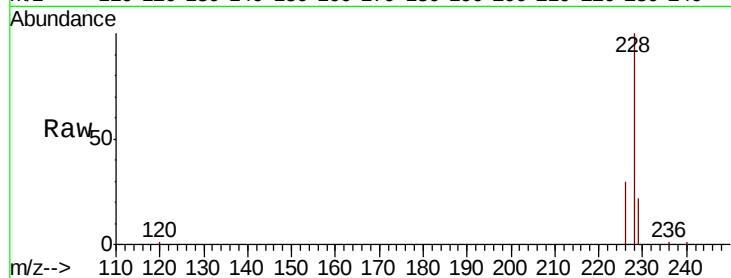
ClientSampleId :

JLMA8

Tot Ion:	228	Resp:	93140
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.1	36.1
229	21.8	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 1.697 ng/ul m

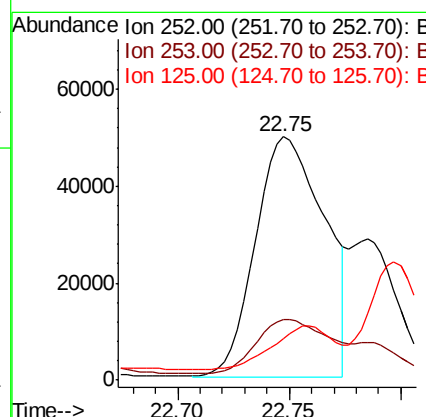
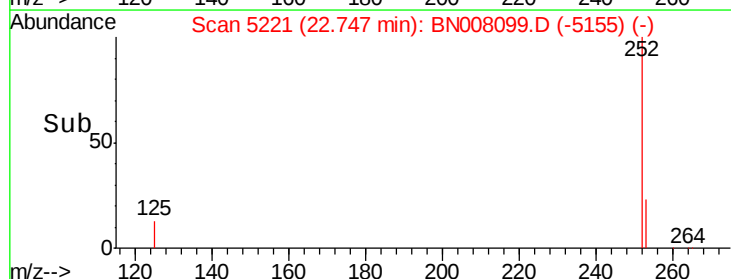
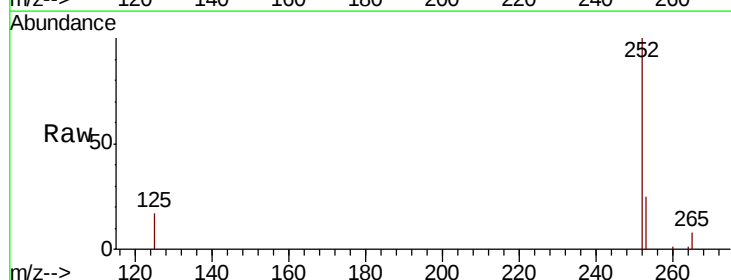
RT: 22.75 min Scan# 5221

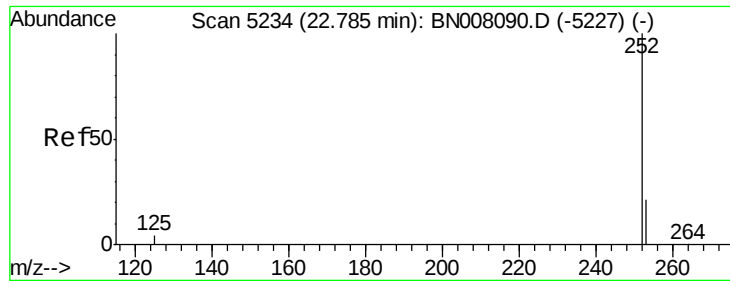
Delta R.T. -0.01 min

Lab File: BN008099.D

Acq: 12 Oct 2019 05:13

Tgt Ion:	252	Resp:	106321
Ion Ratio	Lower	Upper	
252	100		
253	25.0	0.0	53.4
125	17.1	0.0	32.4





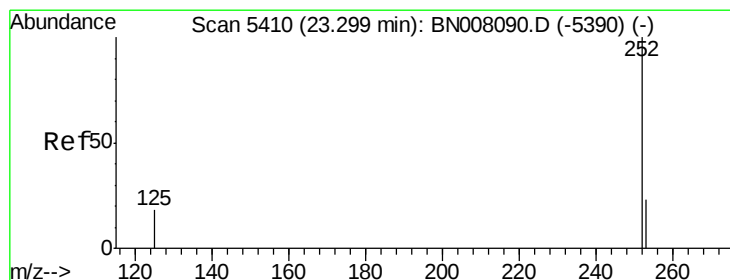
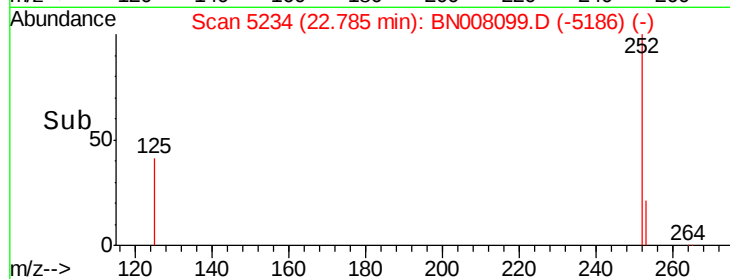
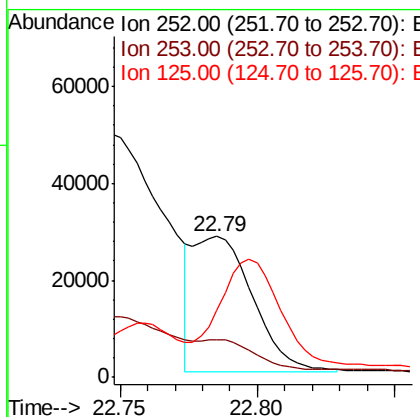
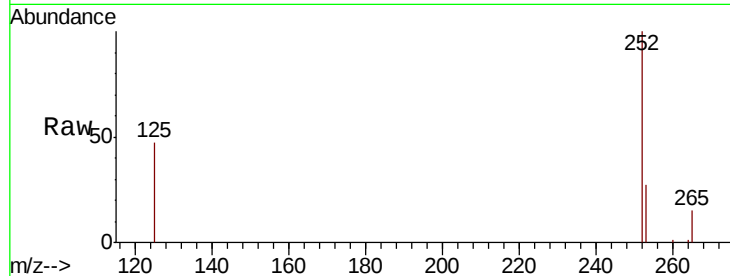
#22
Benzo(k)fluoranthene
Concen: 0.588 ng/ul m
RT: 22.79 min Scan# 5234
Delta R.T. -0.01 min
Lab File: BN008099.D
Acq: 12 Oct 2019 05:13

Instrument :
BNA_N
ClientSampleId :
JLMA8

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.9	21.3	31.9
125	47.1	12.3	18.5#

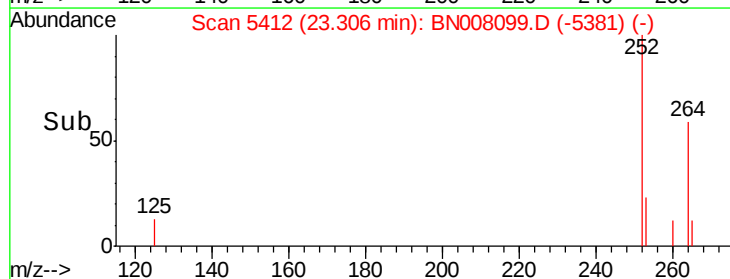
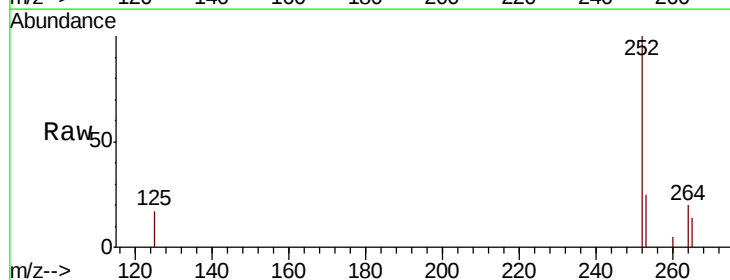
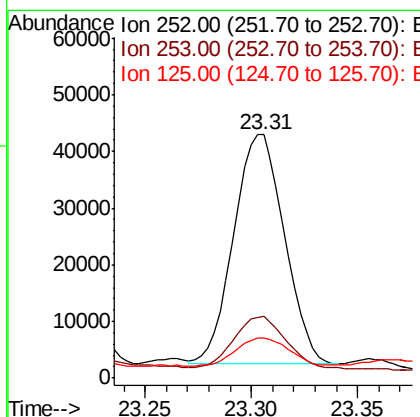
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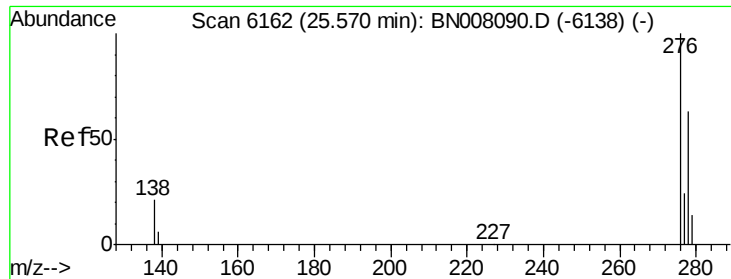
mohammad
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#23
Benzo(a)pyrene
Concen: 1.020 ng/ul
RT: 23.31 min Scan# 5412
Delta R.T. -0.01 min
Lab File: BN008099.D
Acq: 12 Oct 2019 05:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	22.8	34.2
125	16.7	18.4	27.6#





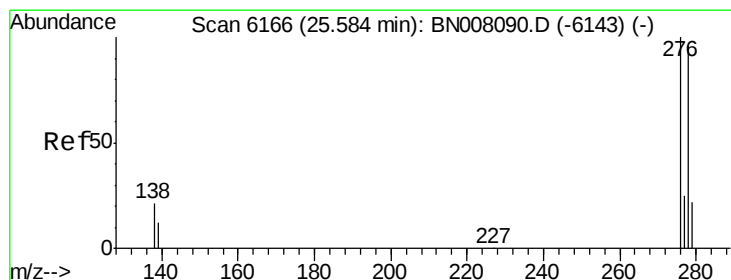
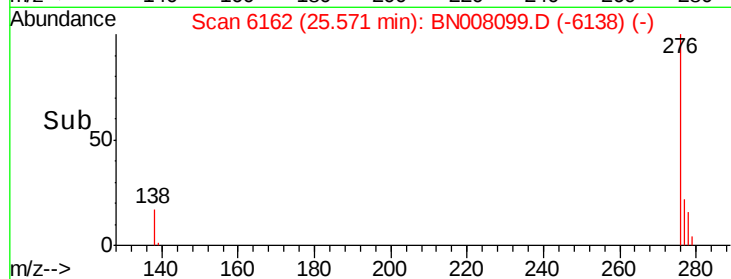
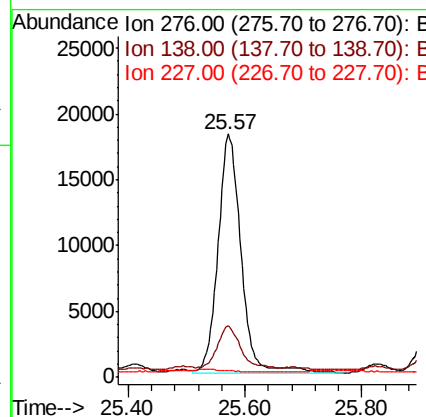
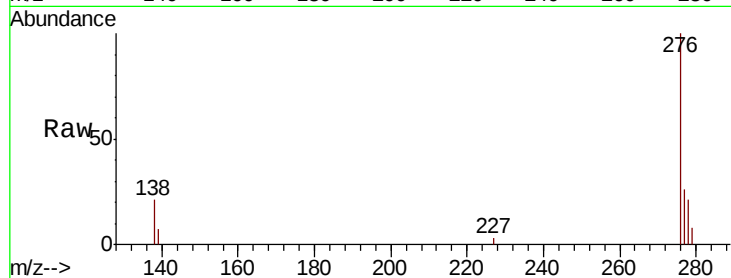
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.635 ng/ul
 RT: 25.57 min Scan# 6162
 Delta R.T. -0.02 min
 Lab File: BN008099.D
 Acq: 12 Oct 2019 05:13

Instrument :
 BNA_N
 ClientSampleId :
 JLMA8

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.7	16.1	24.1
227	0.0	0.2	0.2

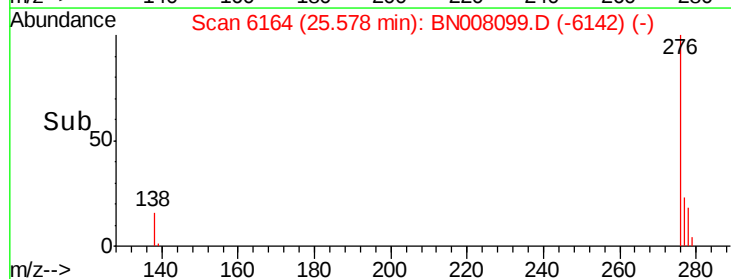
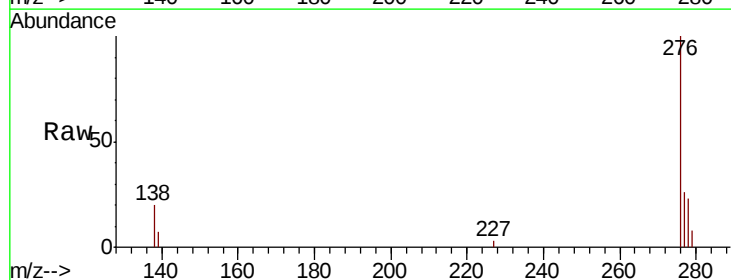
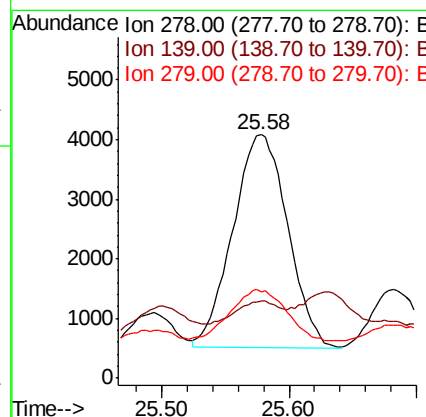
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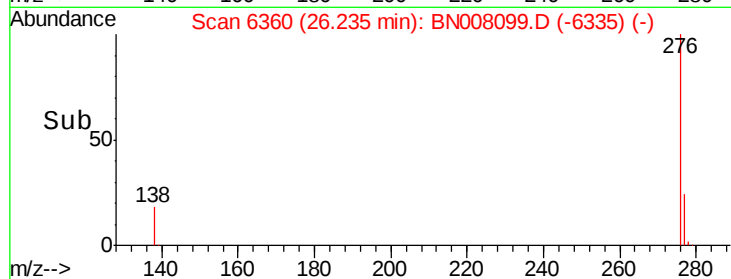
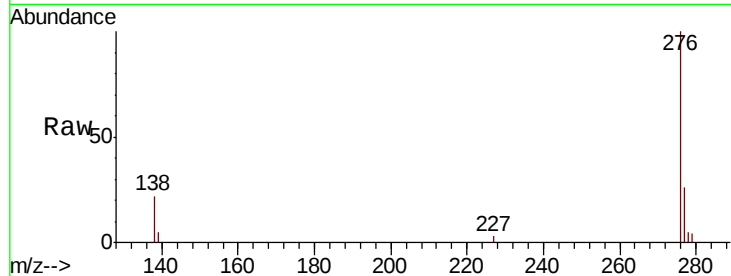
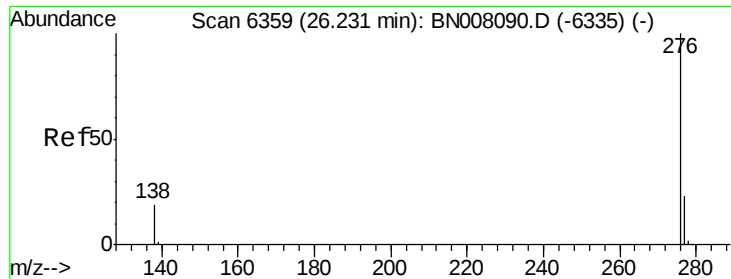
mohammad
 10/15/2019 7:58:00 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.175 ng/ul
 RT: 25.58 min Scan# 6164
 Delta R.T. -0.03 min
 Lab File: BN008099.D
 Acq: 12 Oct 2019 05:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	31.7	15.0	22.6
279	35.2	22.4	33.6





#26
Benzo(a,h,i)perylene
Concen: 0.638 ng/ul
RT: 26.24 min Scan# 6360
Delta R.T. -0.02 min
Lab File: BN008099.D
Acq: 12 Oct 2019 05:13

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.1	17.0	25.4
277	25.7	20.4	30.6

Instrument :
BNA_N
ClientSampleId :
JLMA8

Manual Integrations
APPROVED

mohammad
10/15/2019 7:58:00 AM

