

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111919\
 Data File : BN008629.D
 Acq On : 19 Nov 2019 14:25
 Operator : JU
 Sample : K5678-16DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLMA1DL

Manual Integrations
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mohammad
 11/21/2019 9:04:59 AM

Quant Time: Nov 19 15:06:18 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 : Tue Nov 19 01:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3560	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	13228	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	7659	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	15602	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	12430	0.40	ng/ul	0.00
20) Perylene-d12	23.36	264	13060	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	460	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	1074	0.02	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.43	128	79113	1.984	ng/ul	98
5) 2-Methylnaphthalene	12.06	142	47087	1.691	ng/ul	100
8) Acenaphthene	14.31	153	40904	1.302	ng/ul	99
9) Fluorene	15.30	166	26447	0.717	ng/ul	98
12) Phenanthrene	17.03	178	95656	1.818	ng/ul	98
13) Anthracene	17.12	178	30367	0.611	ng/ul	99
15) Fluoranthene	19.06	202	69943	1.082	ng/ul	100
17) Pyrene	19.42	202	51603	1.035	ng/ul	98
18) Benzo(a)anthracene	21.17	228	21203	0.424	ng/ul	94
19) Chrysene	21.23	228	20312	0.414	ng/ul#	94
21) Benzo(b)fluoranthene	22.72	252	20498m	0.381	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	8364m	0.157	ng/ul	
23) Benzo(a)pyrene	23.27	252	15554	0.308	ng/ul#	62
24) Indeno(1,2,3-cd)pyrene	25.51	276	9013	0.152	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.52	278	2374	0.050	ng/ul#	1
26) Benzo(a,h,i)perylene	26.16	276	8459	0.171	ng/ul#	68

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

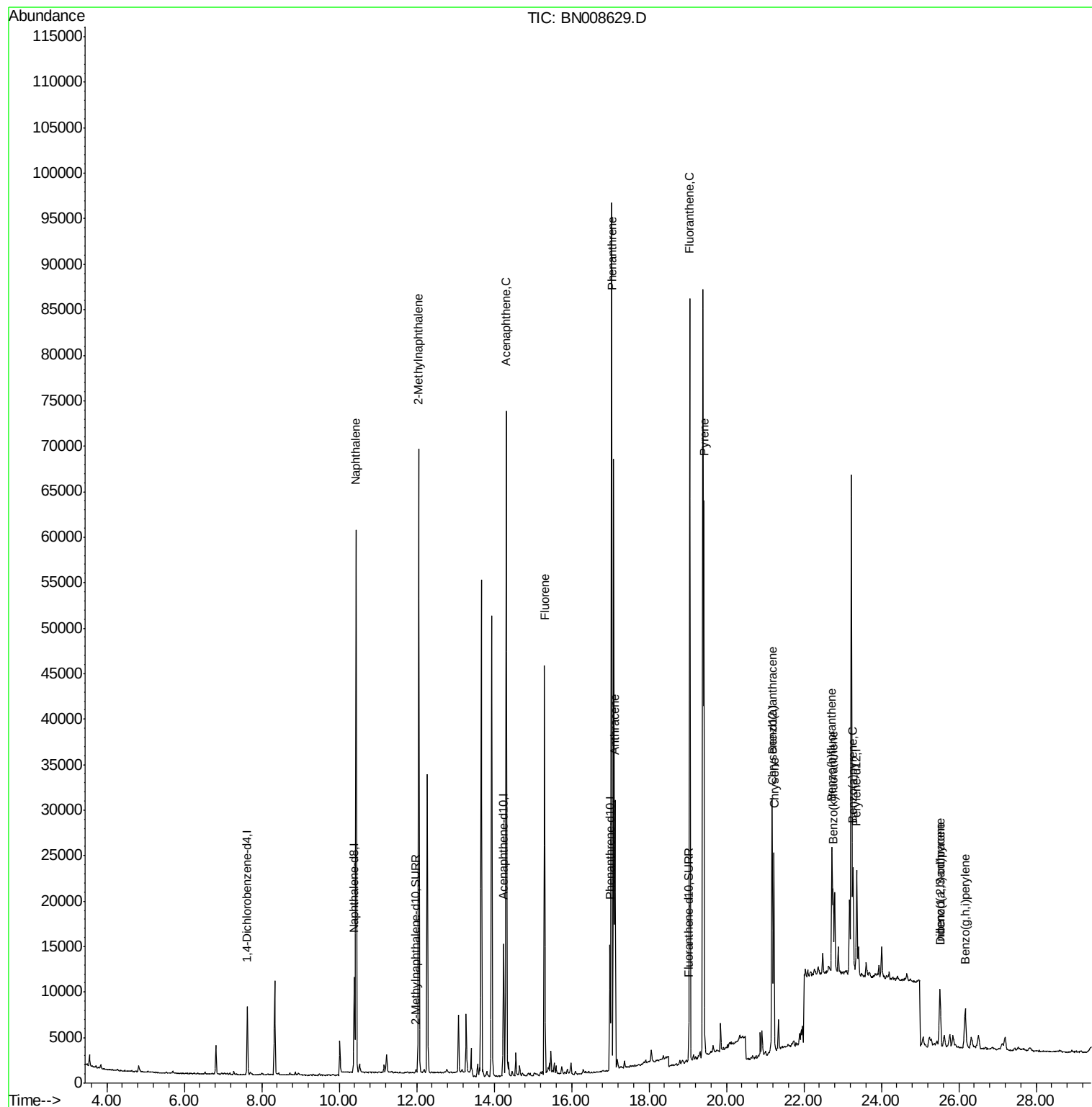
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111919\
Data File : BN008629.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

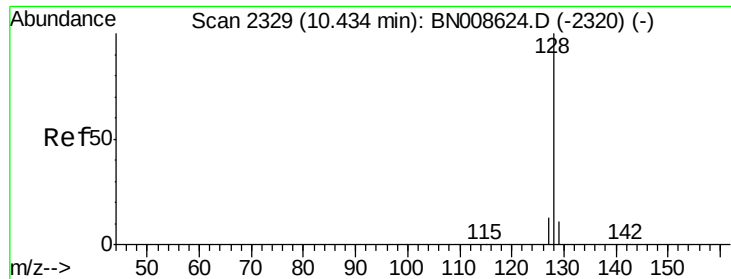
Instrument :
BNA_N
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JLMA1DL

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Quant Time: Nov 19 15:06:18 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 : Tue Nov 19 01:47:58 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.984 ng/ul

RT: 10.43 min Scan# 2329

Delta R.T. -0.01 min

Lab File: BN008629.D

Acq: 19 Nov 2019 14:25

Instrument :

BNA_N

ClientSampleId :

JLMA1DL

Tot Ion:128 Resp: 79113

Ion Ratio Lower Upper

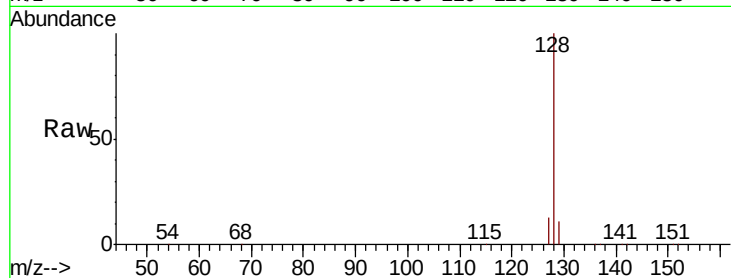
128 100

129 11.1 9.7 14.5

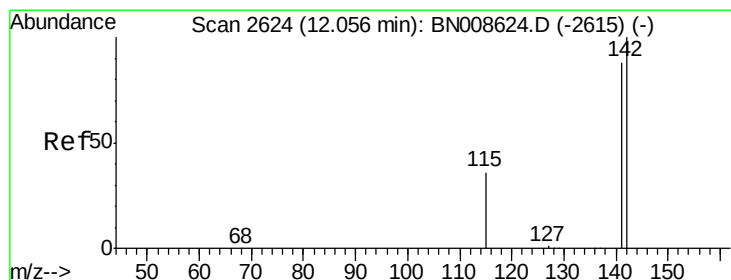
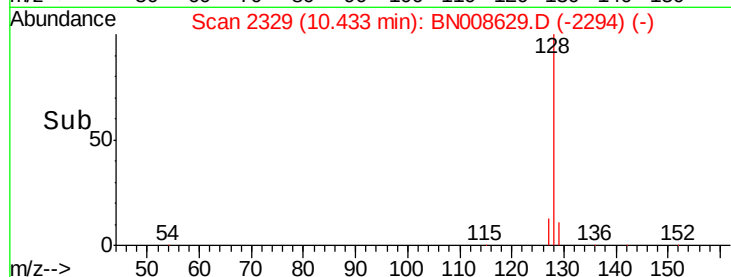
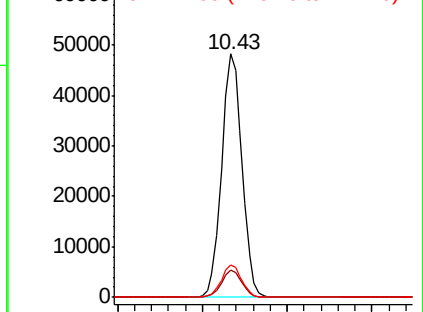
127 13.1 10.8 16.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 1.691 ng/ul

RT: 12.06 min Scan# 2624

Delta R.T. -0.01 min

Lab File: BN008629.D

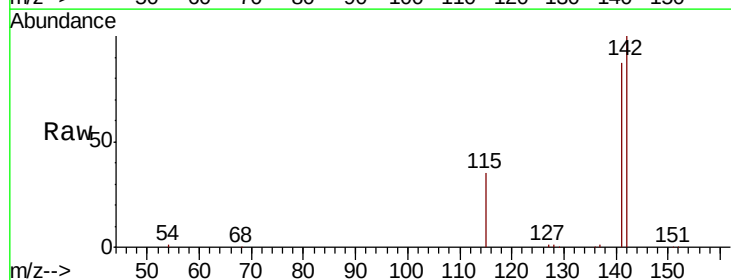
Acq: 19 Nov 2019 14:25

Tgt Ion:142 Resp: 47087

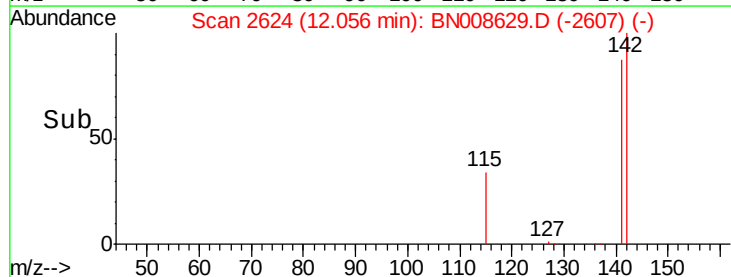
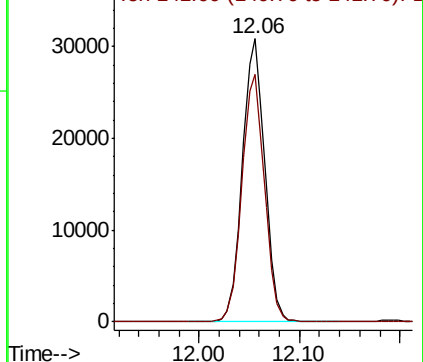
Ion Ratio Lower Upper

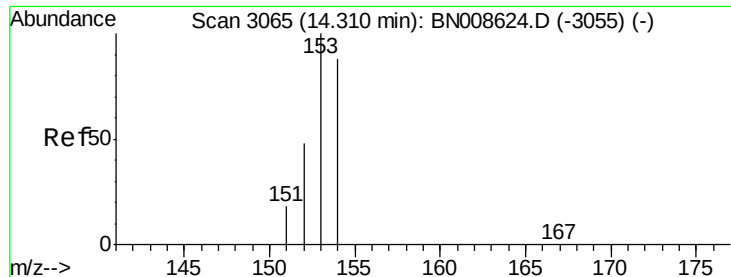
142 100

141 88.0 70.5 105.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 1.302 ng/ul

RT: 14.31 min Scan# 3065

Delta R.T. -0.00 min

Lab File: BN008629.D

Acq: 19 Nov 2019 14:25

Instrument :

BNA_N

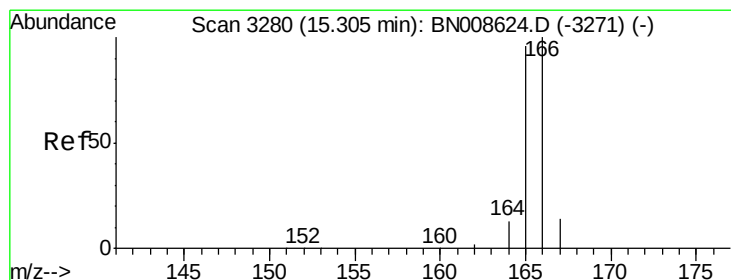
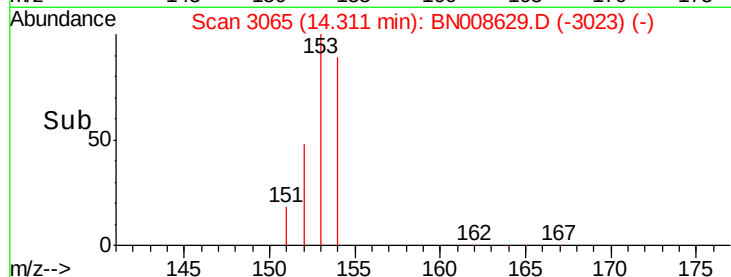
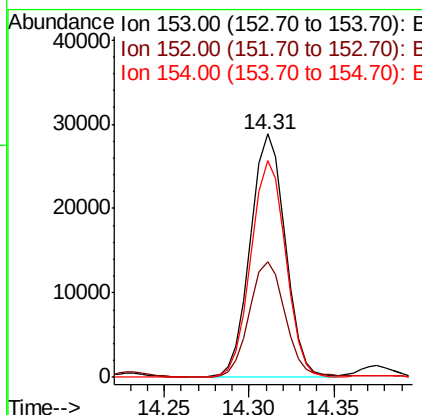
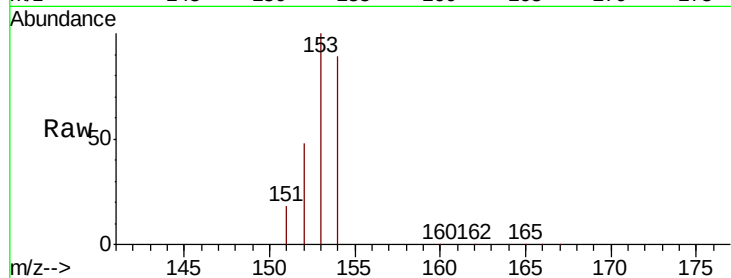
ClientSampleId :

JLMA1DL

Tot Ion:	153	Resp:	40904
Ion	Ratio	Lower	Upper
153	100		
152	47.7	39.6	59.4
154	89.0	70.6	106.0

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#9

Fluorene

Concen: 0.717 ng/ul

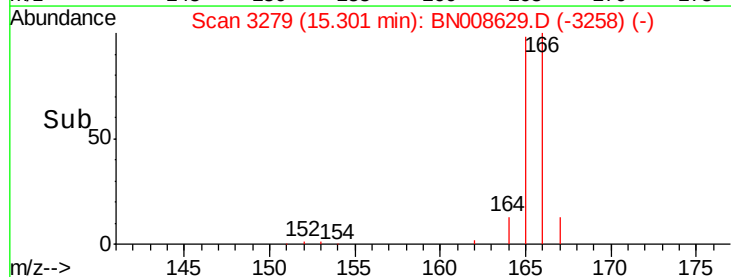
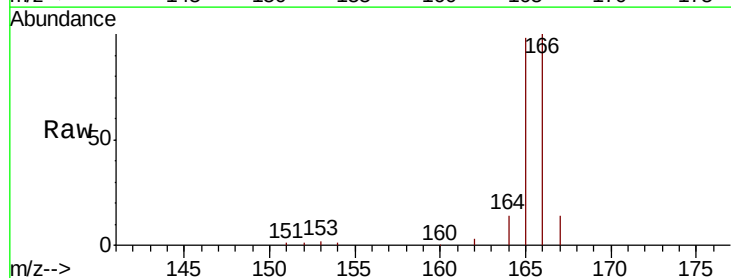
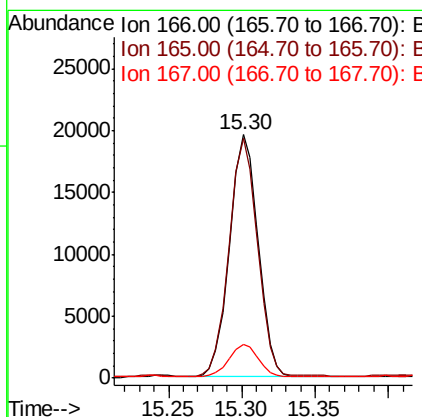
RT: 15.30 min Scan# 3279

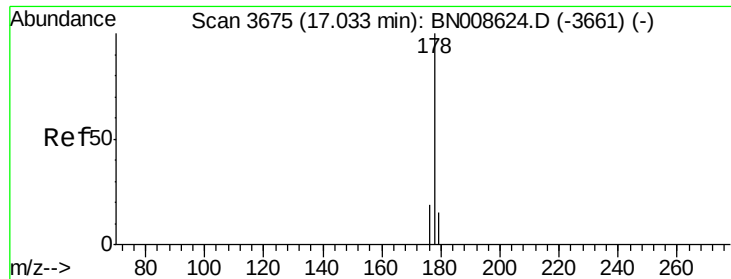
Delta R.T. -0.00 min

Lab File: BN008629.D

Acq: 19 Nov 2019 14:25

Tgt Ion:	166	Resp:	26447
Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.4	116.0
167	13.9	11.4	17.0





#12

Phenanthrene

Concen: 1.818 ng/ul

RT: 17.03 min Scan# 3675

Delta R.T. -0.00 min

Lab File: BN008629.D

Acq: 19 Nov 2019 14:25

Instrument :

BNA_N

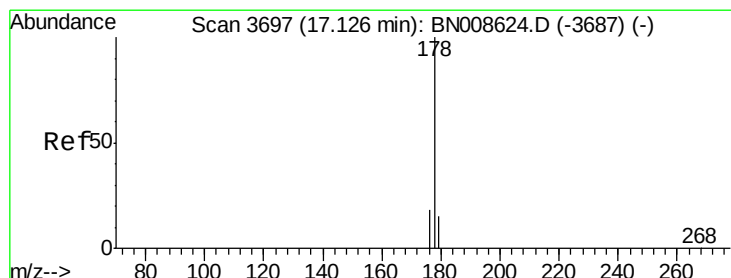
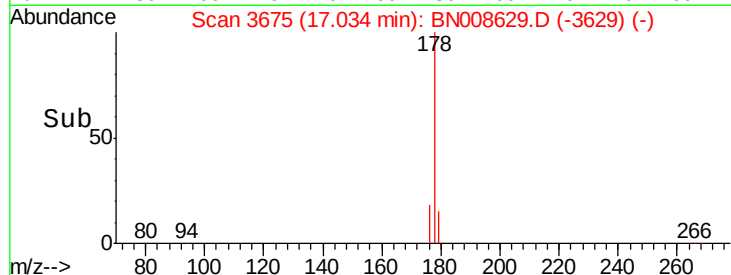
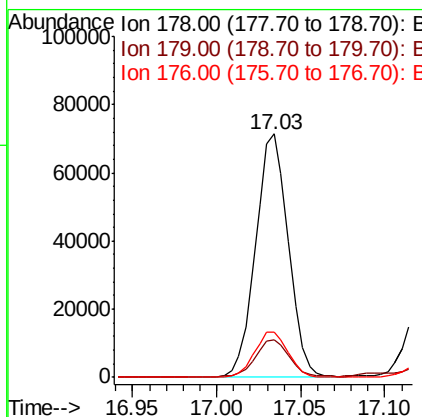
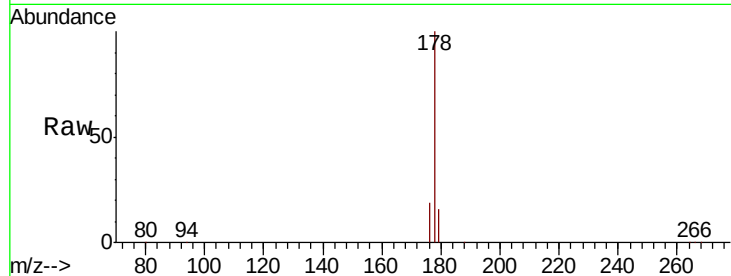
ClientSampleId :

JLMA1DL

Tot Ion:178	Resp:	95656
Ion Ratio	Lower	Upper
178 100		
179 15.6	12.8	19.2
176 18.6	16.0	24.0

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#13

Anthracene

Concen: 0.611 ng/ul

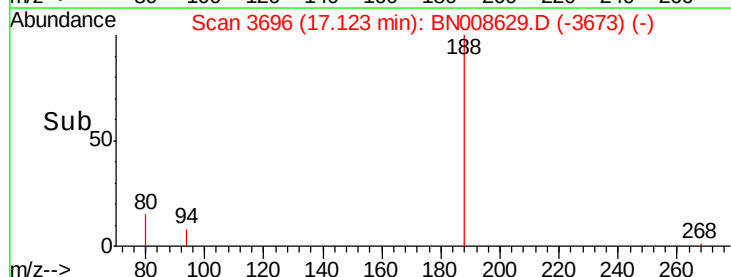
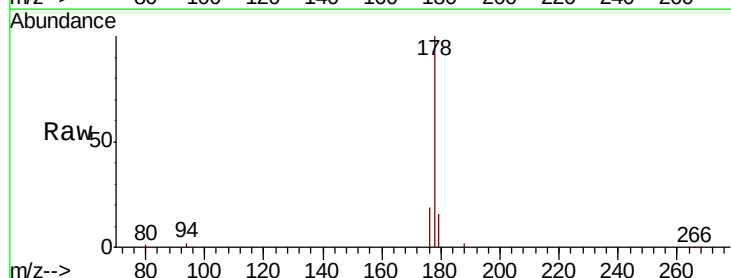
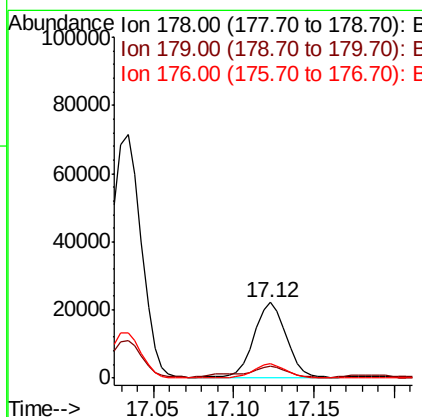
RT: 17.12 min Scan# 3696

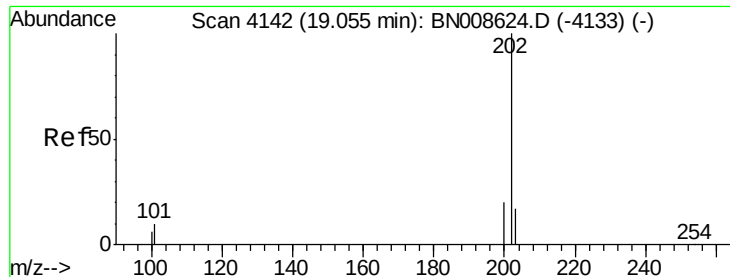
Delta R.T. -0.00 min

Lab File: BN008629.D

Acq: 19 Nov 2019 14:25

Tgt Ion:178	Resp:	30367
Ion Ratio	Lower	Upper
178 100		
179 16.2	13.0	19.4
176 18.7	15.3	22.9





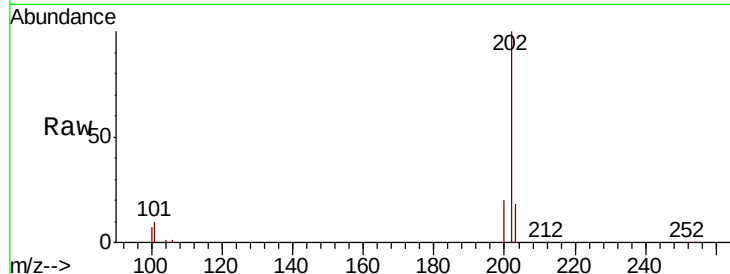
#15
Fluoranthene
Concen: 1.082 ng/ul
RT: 19.06 min Scan# 4142
Delta R.T. 0.00 min
Lab File: BN008629.D
Acq: 19 Nov 2019 14:25

Instrument :
BNA_N
ClientSampleId :
JLMA1DL

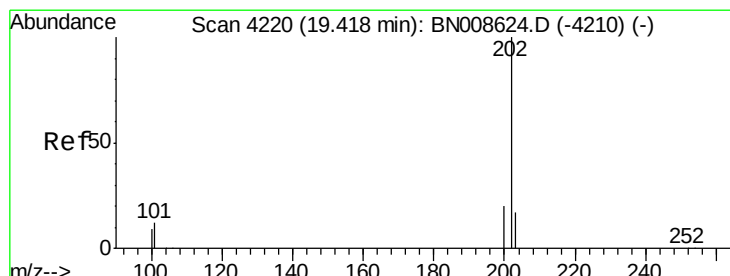
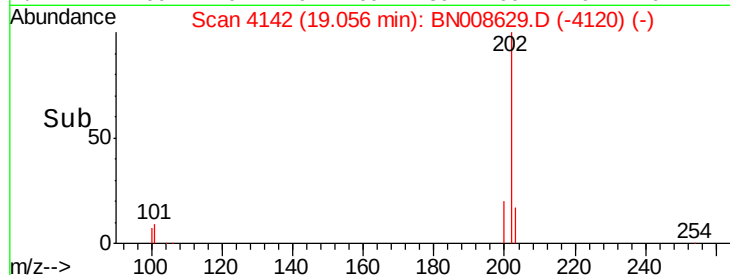
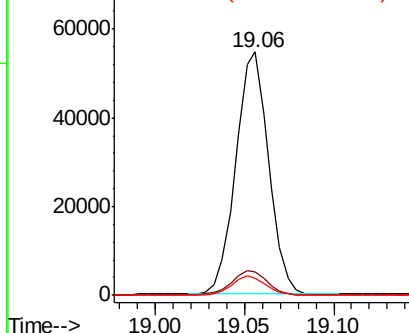
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.7	0.0	29.6
100	7.2	0.0	27.0

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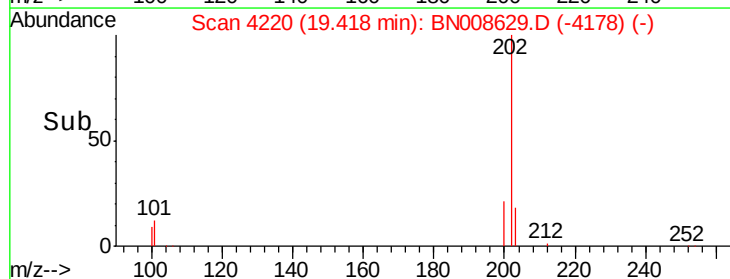
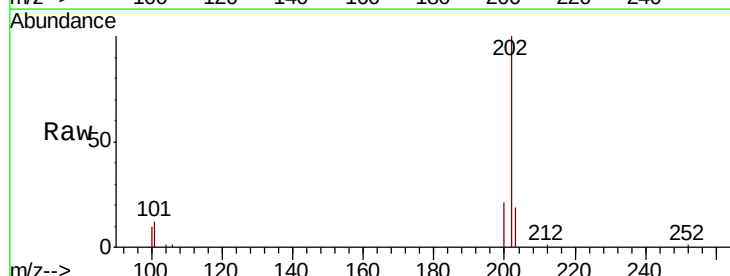
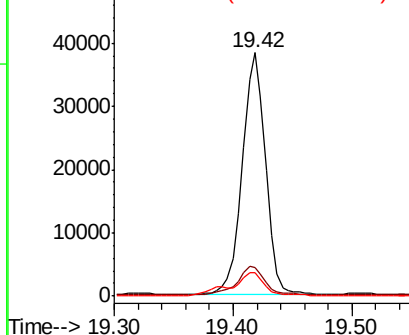
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

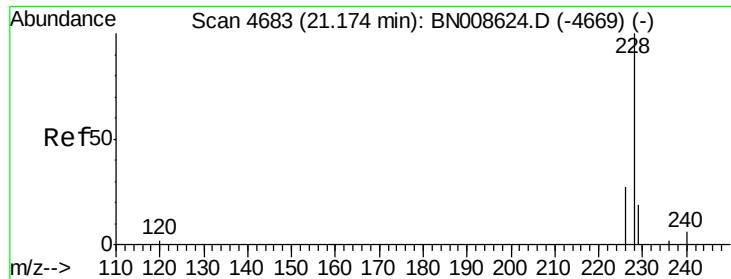


#17
Pyrene
Concen: 1.035 ng/ul
RT: 19.42 min Scan# 4220
Delta R.T. -0.00 min
Lab File: BN008629.D
Acq: 19 Nov 2019 14:25

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.0	10.2	15.2
100	9.6	8.2	12.2

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





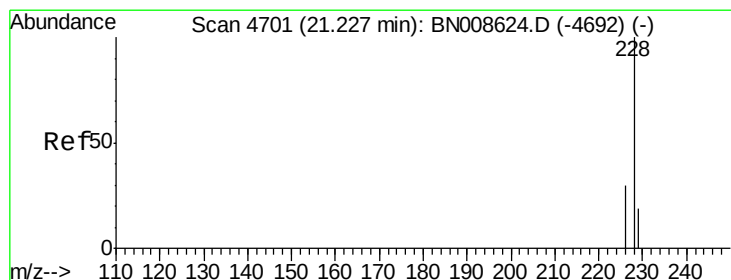
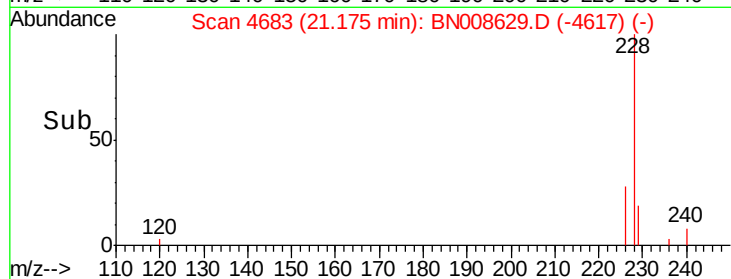
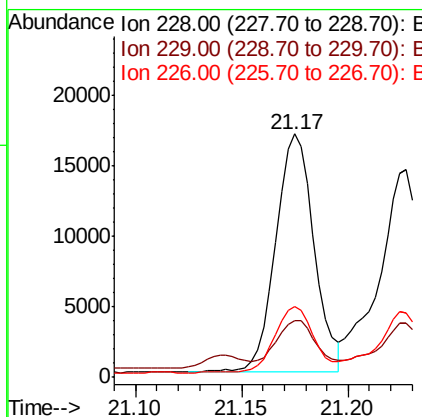
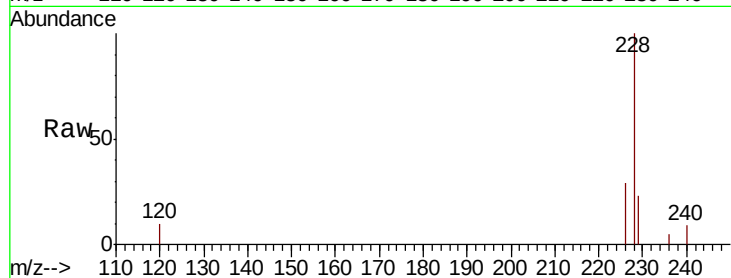
#18
Benzo(a)anthracene
Concen: 0.424 ng/ul
RT: 21.17 min Scan# 4683
Delta R.T. -0.01 min
Lab File: BN008629.D
Acq: 19 Nov 2019 14:25

Instrument :
BNA_N
ClientSampleId :
JLMA1DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.4	15.8	23.6
226	29.3	21.6	32.4

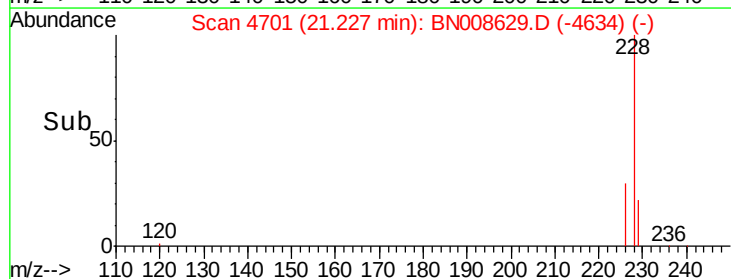
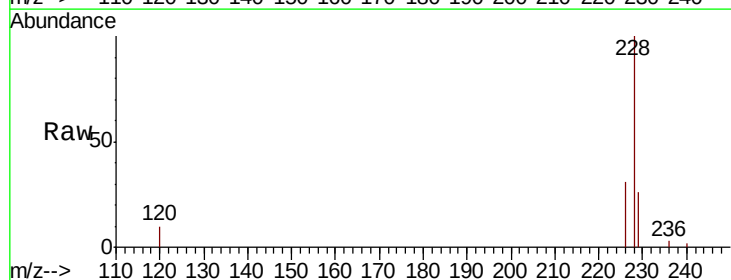
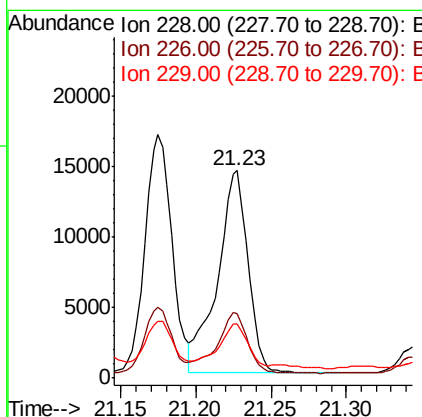
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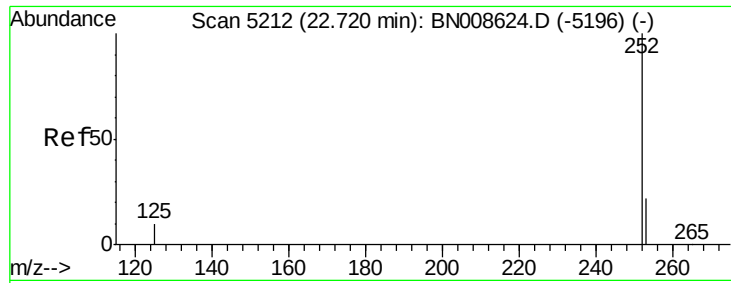
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#19
Chrysene
Concen: 0.414 ng/ul
RT: 21.23 min Scan# 4701
Delta R.T. -0.00 min
Lab File: BN008629.D
Acq: 19 Nov 2019 14:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.5	36.7
229	25.9	15.5	23.3





#21

Benzo(b)fluoranthene

Concen: 0.381 ng/ul m

RT: 22.72 min Scan# 5212

Delta R.T. -0.00 min

Lab File: BN008629.D

Acq: 19 Nov 2019 14:25

Instrument :

BNA_N

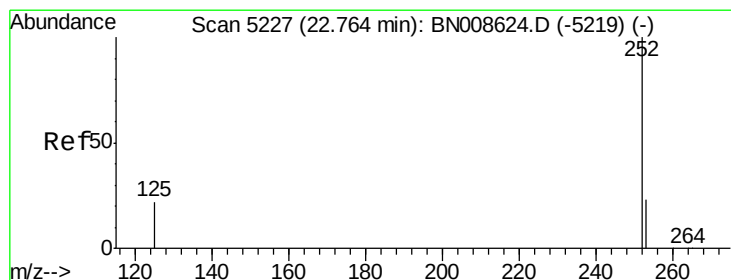
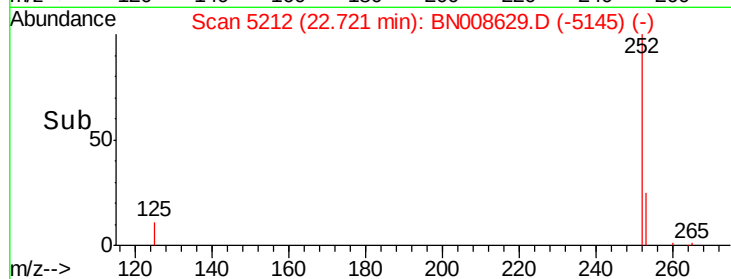
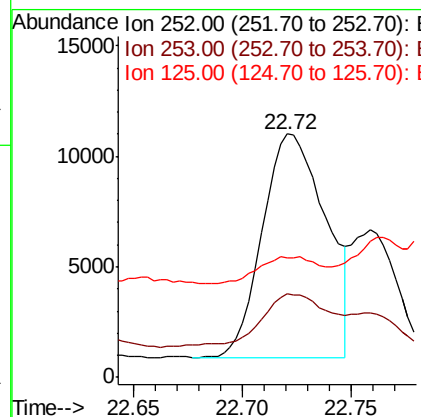
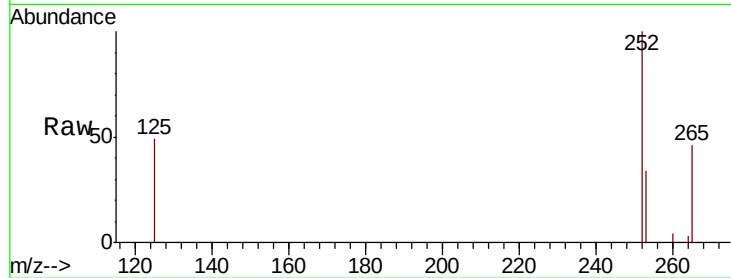
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
252	100		
253	34.3	0.0	50.2
125	49.1	0.0	30.0#

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#22

Benzo(k)fluoranthene

Concen: 0.157 ng/ul m

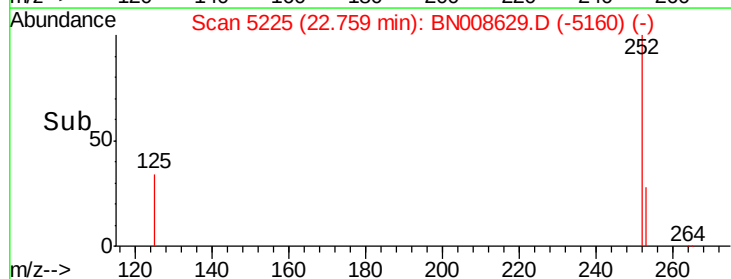
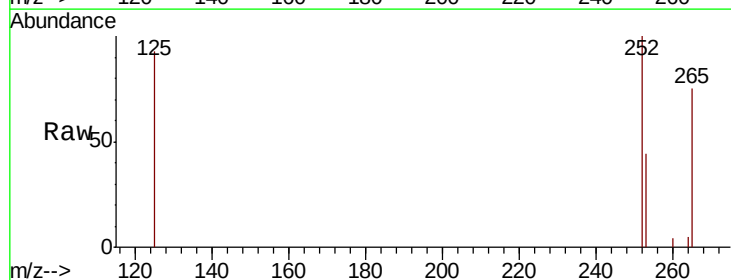
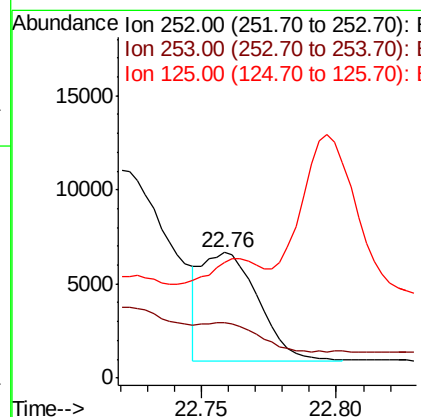
RT: 22.76 min Scan# 5225

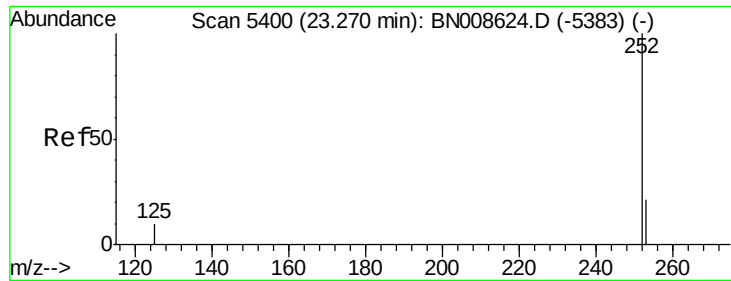
Delta R.T. -0.01 min

Lab File: BN008629.D

Acq: 19 Nov 2019 14:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	44.1	20.5	30.7#
125	92.6	15.0	22.4#





#23

Benzo(a)pyrene

Concen: 0.308 ng/ul

RT: 23.27 min Scan# 5400

Delta R.T. -0.00 min

Lab File: BN008629.D

Acq: 19 Nov 2019 14:25

Instrument :

BNA_N

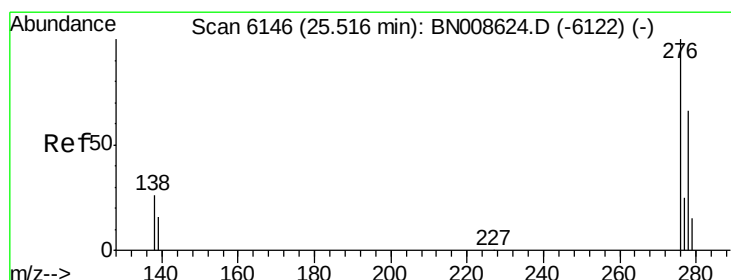
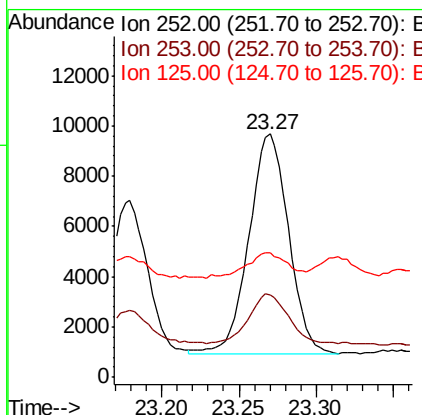
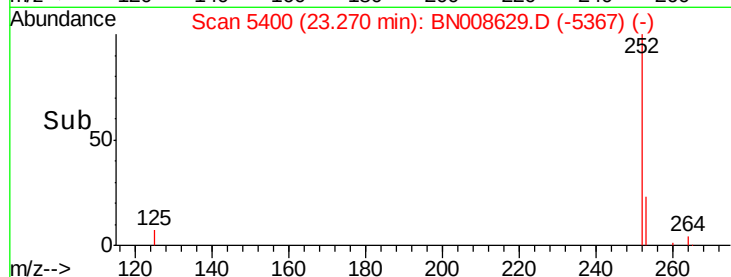
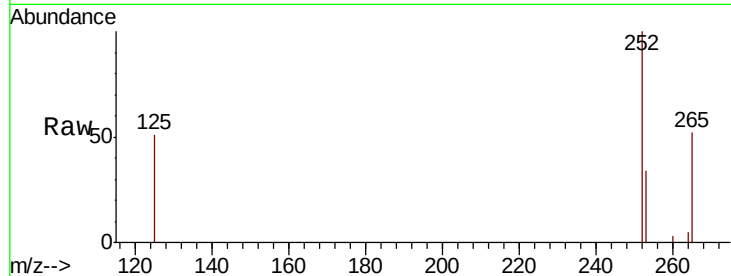
ClientSampleID :

JLMA1DL

Tot Ion:	252	Resp:	15554
Ion Ratio	Lower	Upper	
252	100		
253	33.8	21.4	32.2#
125	51.0	13.8	20.8#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.152 ng/ul

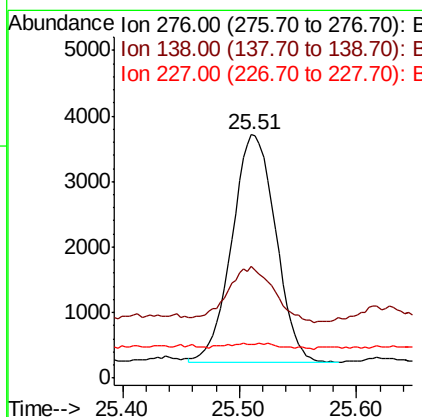
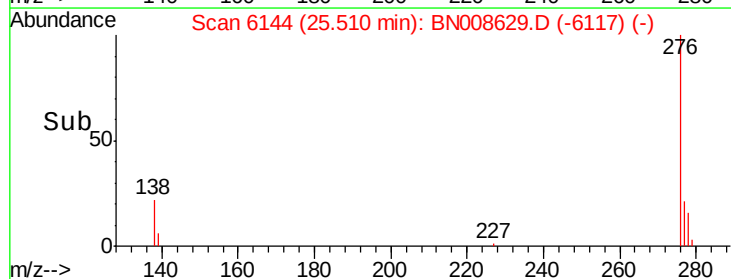
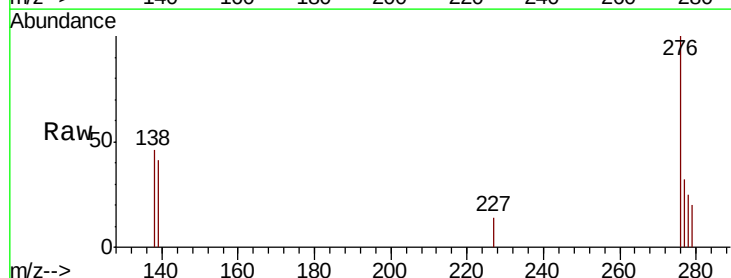
RT: 25.51 min Scan# 6144

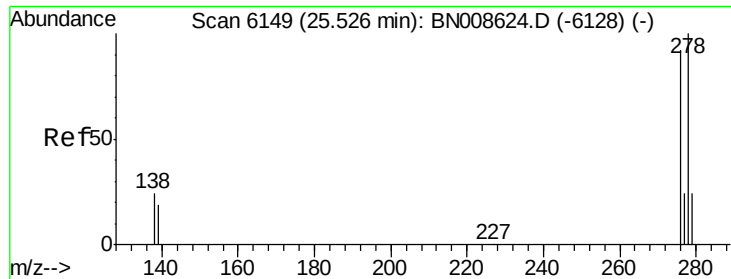
Delta R.T. -0.01 min

Lab File: BN008629.D

Acq: 19 Nov 2019 14:25

Tgt Ion:	276	Resp:	9013
Ion Ratio	Lower	Upper	
276	100		
138	26.1	21.7	32.5
227	1.9	0.2	0.2#





#25

Dibenzo(a,h)anthracene

Concen: 0.050 ng/ul

RT: 25.52 min Scan# 6147

Delta R.T. -0.01 min

Lab File: BN008629.D

Acq: 19 Nov 2019 14:25

Instrument :

BNA_N

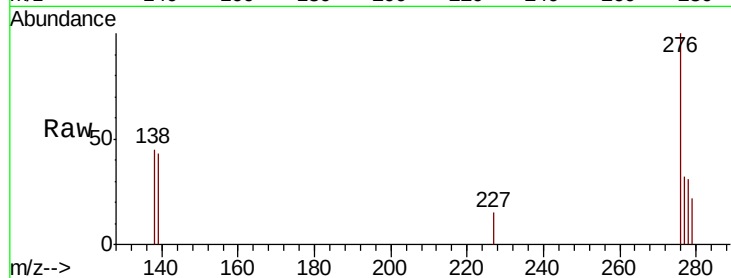
ClientSampled :

JLMA1DL

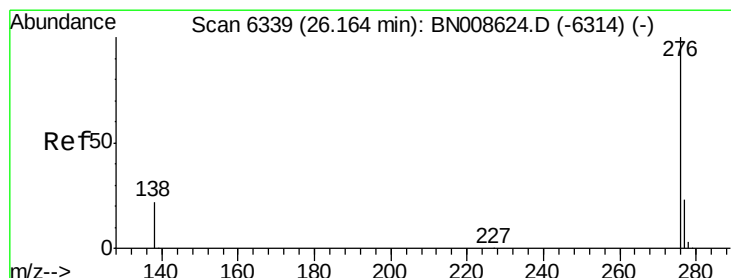
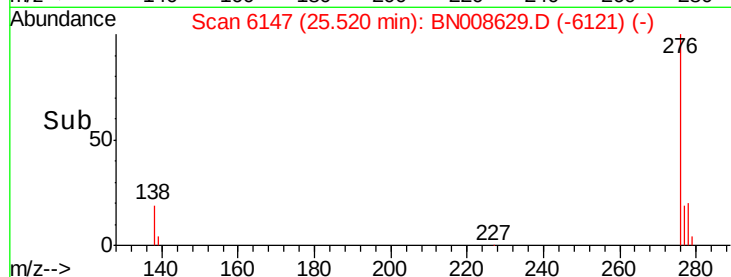
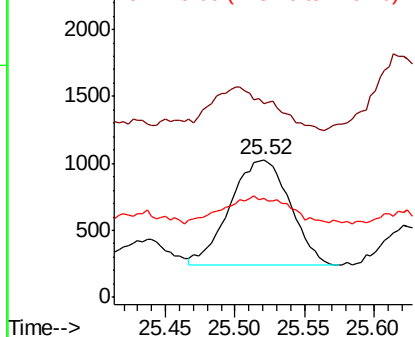
Tot Ion:278	Resp:	2374
Ion Ratio	Lower	Upper
278	100	
139	140.9	18.7 28.1#
279	71.3	20.8 31.2#

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:59 AM



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: 0.171 ng/ul

RT: 26.16 min Scan# 6339

Delta R.T. -0.01 min

Lab File: BN008629.D

Acq: 19 Nov 2019 14:25

Tgt Ion:276	Resp:	8459
Ion Ratio	Lower	Upper
276	100	
138	48.6	20.0 30.0#
277	33.3	20.0 30.0#

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

