

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
 Data File : BN008489.D
 Acq On : 07 Nov 2019 17:50
 Operator : JU
 Sample : K5565-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLNA3

Manual Integrations
 APPROVED

mohammad
 11/11/2019 8:08:15 AM

Quant Time: Nov 08 07:21:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 08 06:44:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	1442	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	5602	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.19	164	2968	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	5706m	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	5322	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	7472	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	1992	0.23	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	4695	0.28	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.36	128	2197	0.138	ng/ul#	92
5) 2-Methylnaphthalene	11.99	142	1596	0.150	ng/ul	99
7) Acenaphthylene	13.90	152	1321	0.096	ng/ul#	82
8) Acenaphthene	14.25	153	1282	0.115	ng/ul	96
9) Fluorene	15.24	166	2505	0.204	ng/ul#	95
12) Phenanthrene	16.98	178	23229	1.339	ng/ul	99
13) Anthracene	17.07	178	3465	0.228	ng/ul#	86
15) Fluoranthene	19.01	202	21584	1.085	ng/ul	98
17) Pyrene	19.37	202	20535	0.790	ng/ul	97
18) Benzo(a)anthracene	21.13	228	8661	0.467	ng/ul#	63
19) Chrysene	21.19	228	14438	0.612	ng/ul#	67
21) Benzo(b)fluoranthene	22.68	252	11102m	0.399	ng/ul	
22) Benzo(k)fluoranthene	22.70	252	3303m	0.104	ng/ul	
23) Benzo(a)pyrene	23.22	252	6810	0.243	ng/ul#	53
24) Indeno(1,2,3-cd)pyrene	25.46	276	3880	0.122	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.46	278	1247	0.049	ng/ul#	1
26) Benzo(a,h,i)perylene	26.11	276	4865	0.170	ng/ul#	61

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

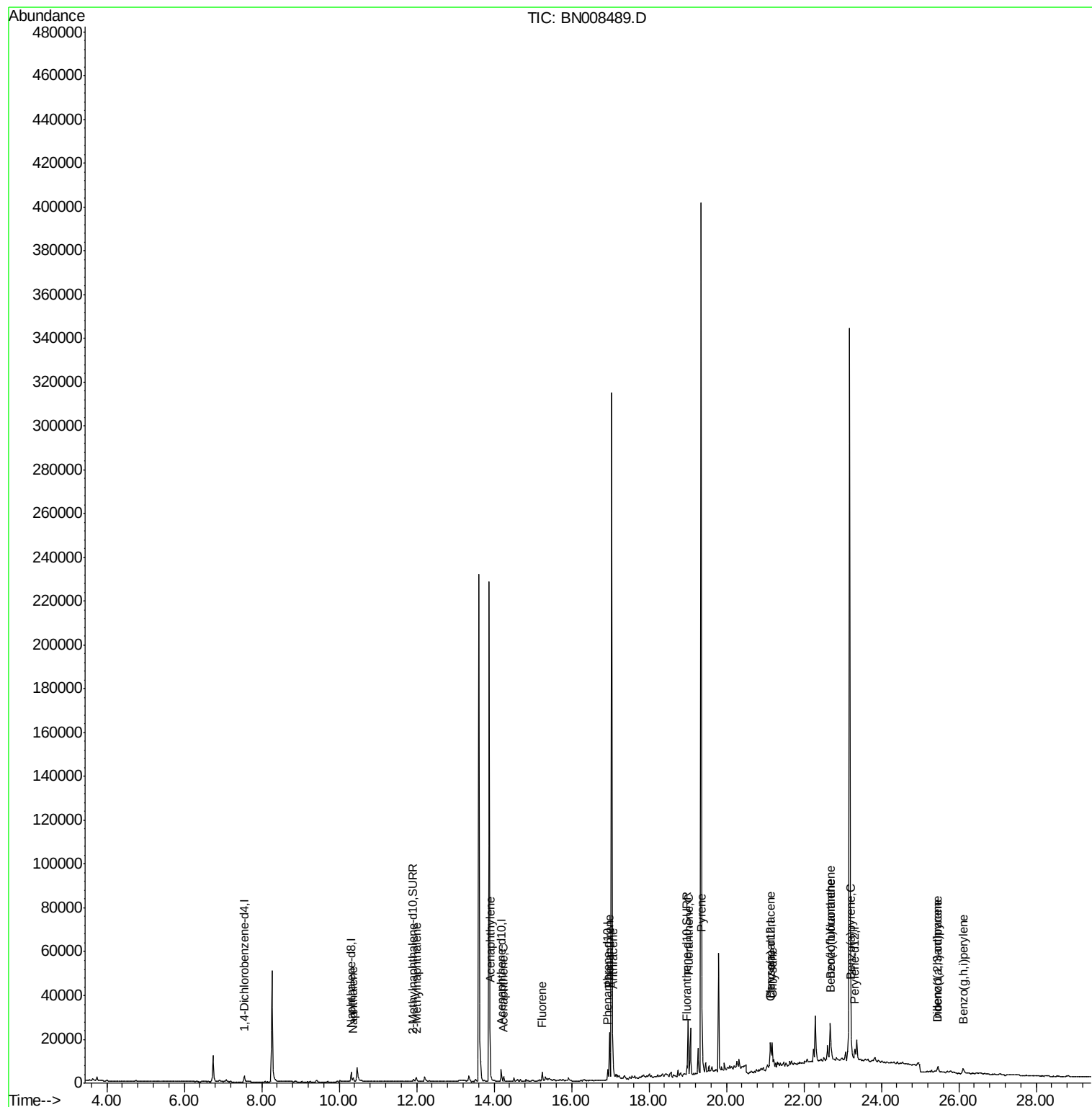
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
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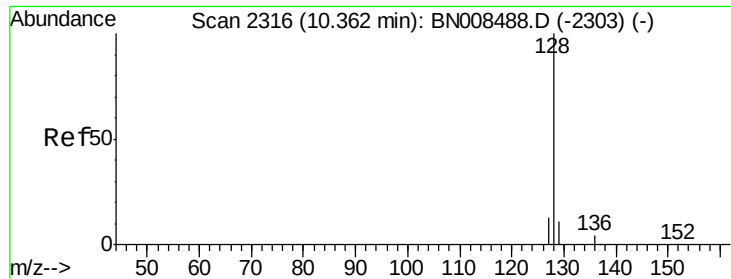
Instrument :
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Quant Time: Nov 08 07:21:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M
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QLast Update : Fri Nov 08 06:44:20 2019
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#3

Naphthalene

Concen: 0.138 ng/ul

RT: 10.36 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BN008489.D

Acq: 07 Nov 2019 17:50

Instrument :

BNA_N

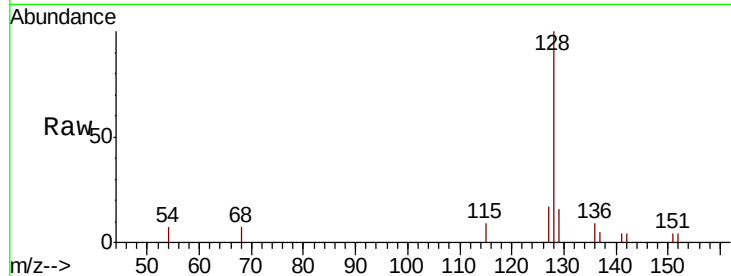
ClientSampleId :

JLNA3

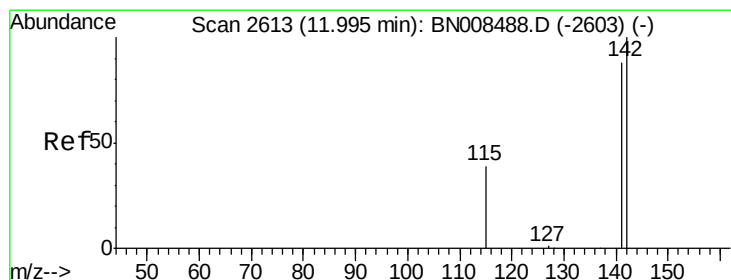
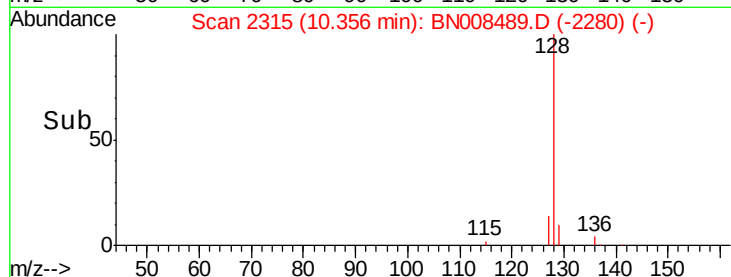
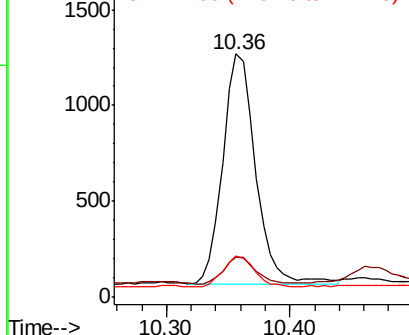
Tot Ion:	128	Resp:	2197
Ion Ratio	Lower	Upper	
128	100		
129	16.5	10.0	15.0#
127	17.2	11.6	17.4

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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: 0.150 ng/ul

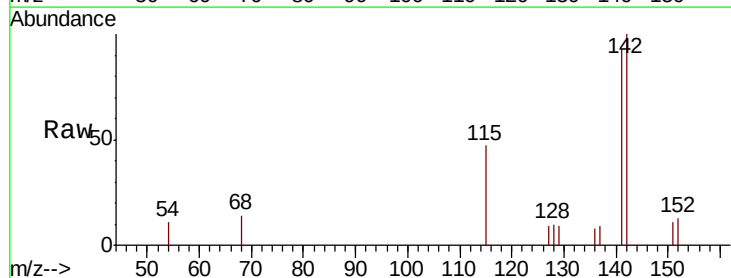
RT: 11.99 min Scan# 2612

Delta R.T. -0.01 min

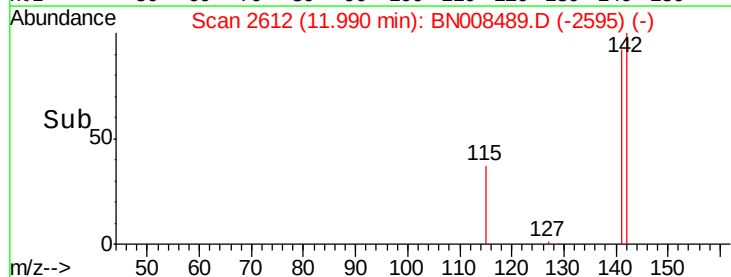
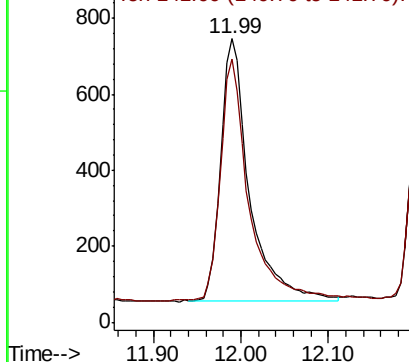
Lab File: BN008489.D

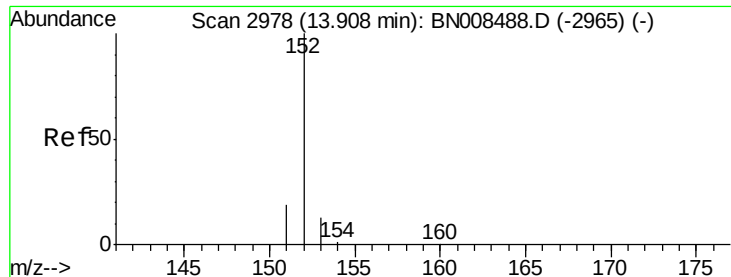
Acq: 07 Nov 2019 17:50

Tgt Ion:	142	Resp:	1596
Ion Ratio	Lower	Upper	
142	100		
141	92.4	72.8	109.2



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





#7

Acenaphthylene

Concen: 0.096 ng/ul

RT: 13.90 min Scan# 2977

Delta R.T. -0.00 min

Lab File: BN008489.D

Acq: 07 Nov 2019 17:50

Instrument :

BNA_N

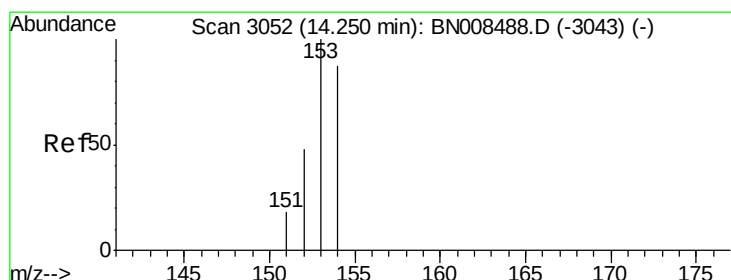
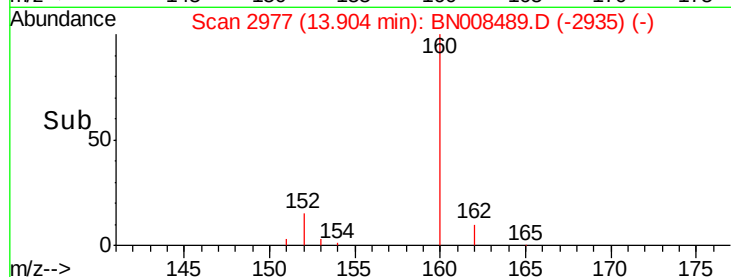
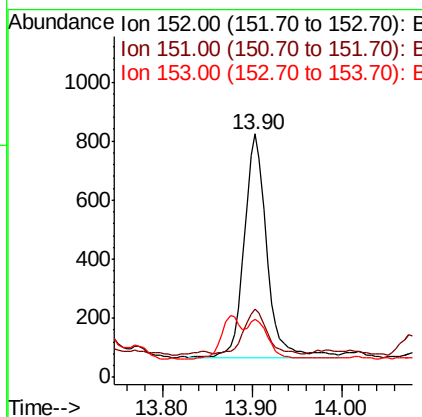
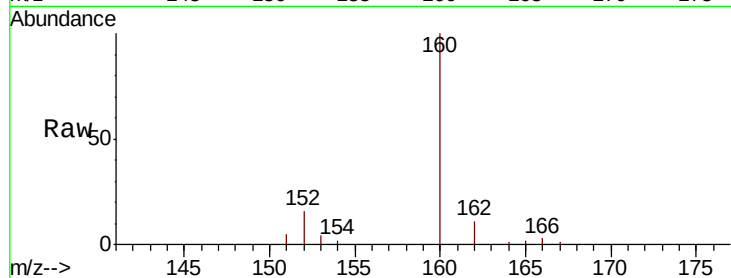
ClientSampled :

JLNA3

Tot Ion:	152	Resp:	1321
Ion Ratio	Lower	Upper	
152	100		
151	27.8	16.7	25.1#
153	23.8	11.4	17.2#

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#8

Acenaphthene

Concen: 0.115 ng/ul

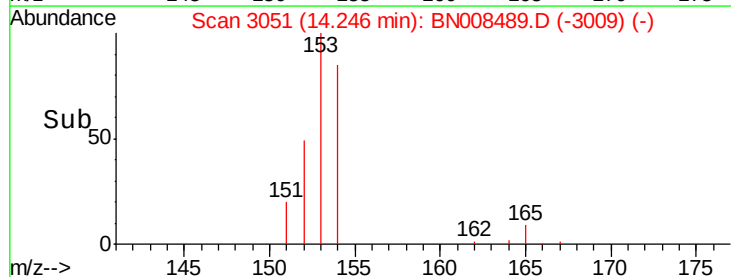
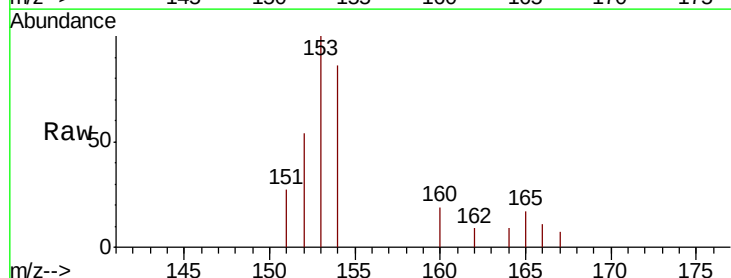
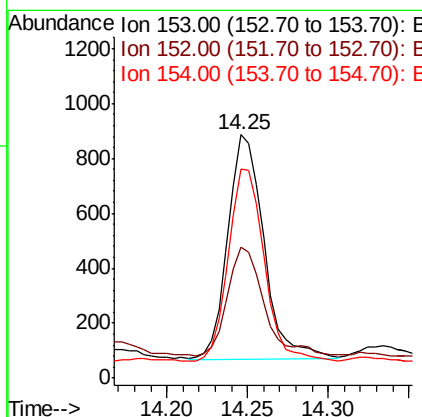
RT: 14.25 min Scan# 3051

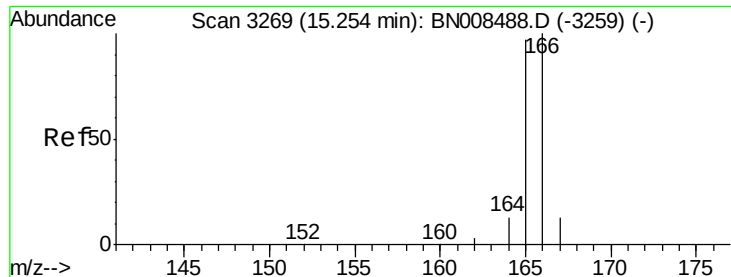
Delta R.T. -0.00 min

Lab File: BN008489.D

Acq: 07 Nov 2019 17:50

Tgt Ion:	153	Resp:	1282
Ion Ratio	Lower	Upper	
153	100		
152	53.6	39.8	59.8
154	85.9	71.6	107.4





#9

Fluorene

Concen: 0.204 ng/ul

RT: 15.24 min Scan# 3266

Delta R.T. -0.01 min

Lab File: BN008489.D

Acq: 07 Nov 2019 17:50

Instrument :

BNA_N

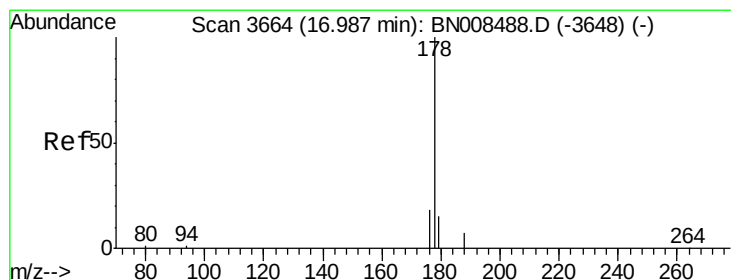
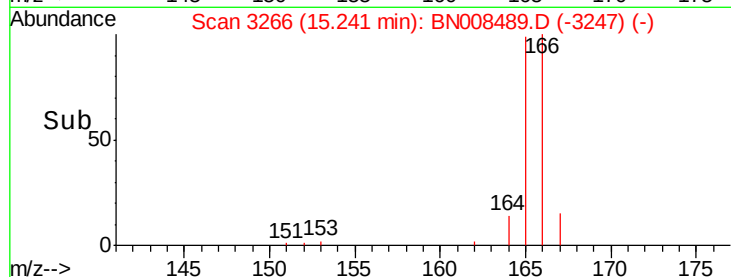
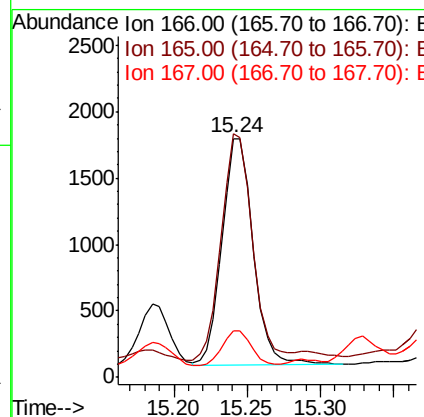
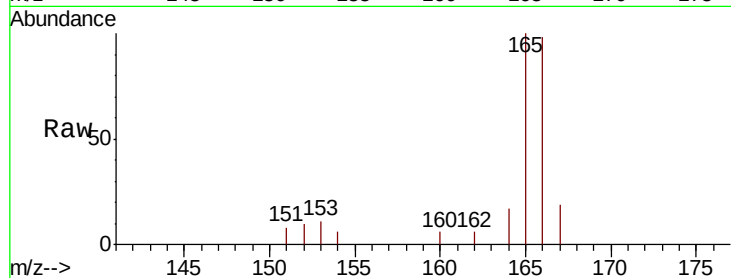
ClientSampleId :

JLNA3

Tot Ion:	166	Resp:	2505
Ion	Ratio	Lower	Upper
166	100		
165	101.8	78.2	117.2
167	19.7	12.1	18.1#

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#12

Phenanthrene

Concen: 1.339 ng/ul

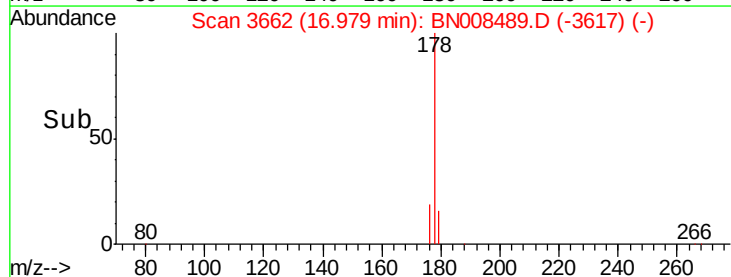
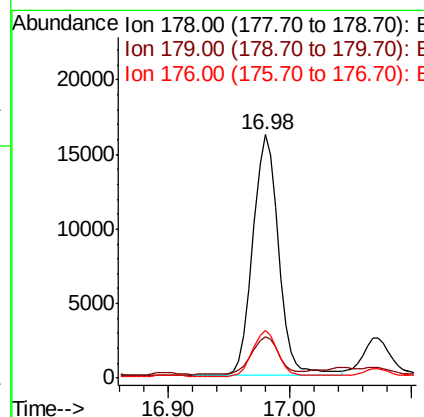
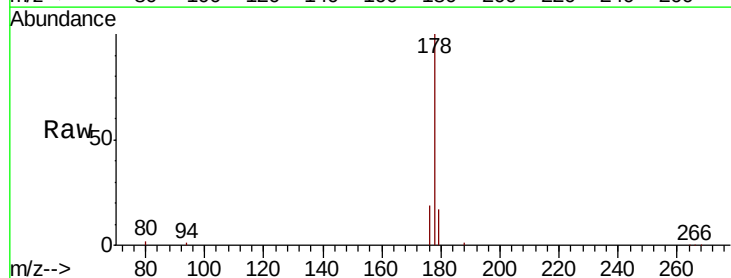
RT: 16.98 min Scan# 3662

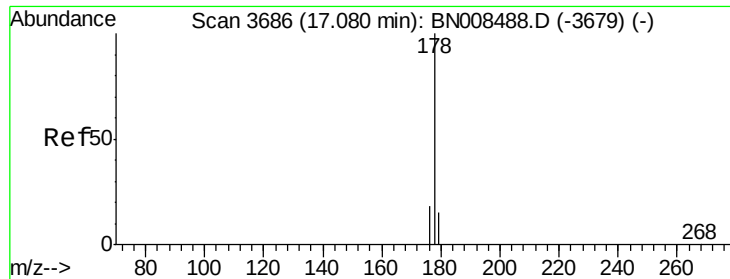
Delta R.T. -0.01 min

Lab File: BN008489.D

Acq: 07 Nov 2019 17:50

Tgt Ion:	178	Resp:	23229
Ion	Ratio	Lower	Upper
178	100		
179	17.1	13.2	19.8
176	19.5	15.6	23.4





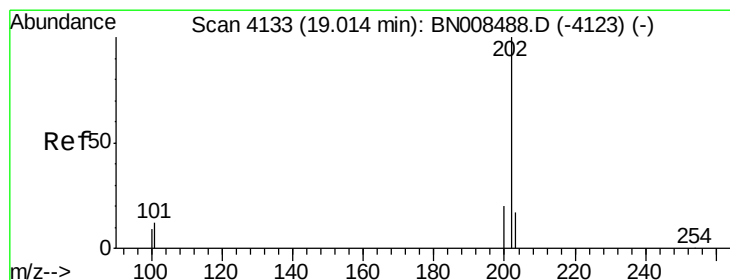
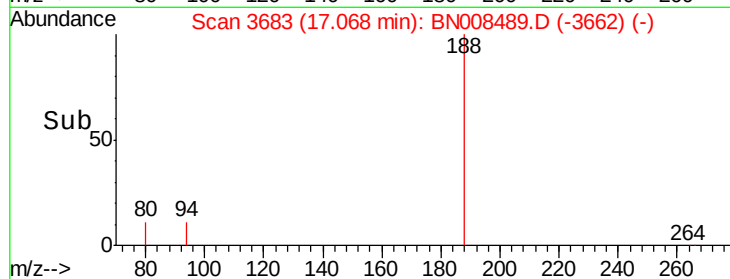
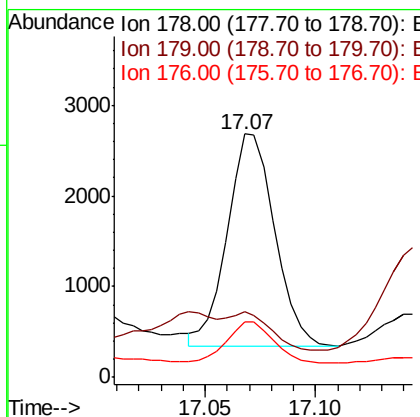
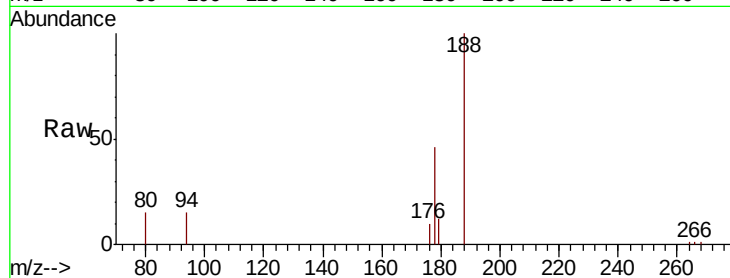
#13
 Anthracene
 Concen: 0.228 ng/ul
 RT: 17.07 min Scan# 3683
 Delta R.T. -0.01 min
 Lab File: BN008489.D
 Acq: 07 Nov 2019 17:50

Instrument :
 BNA_N
 ClientSampleId :
 JLNA3

Tot Ion:178 Resp: 3465
 Ion Ratio Lower Upper
 178 100
 179 26.7 13.7 20.5#
 176 22.7 15.7 23.5

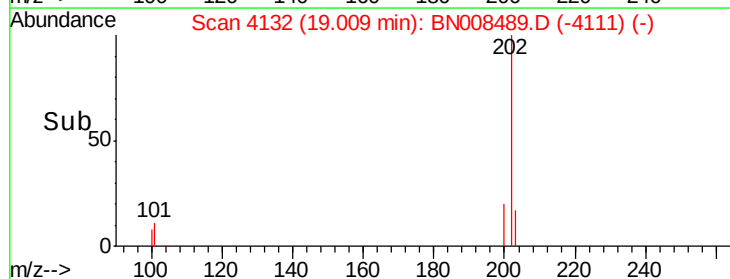
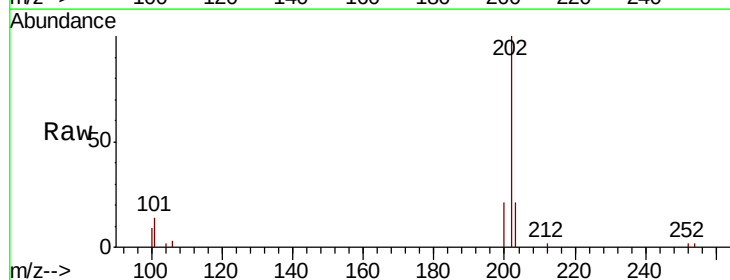
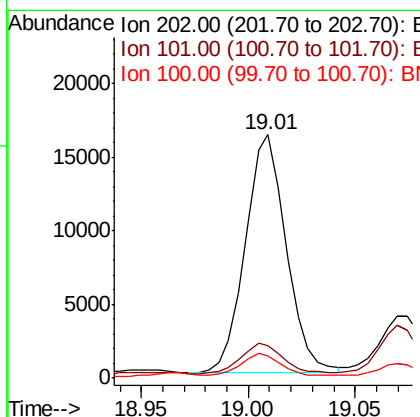
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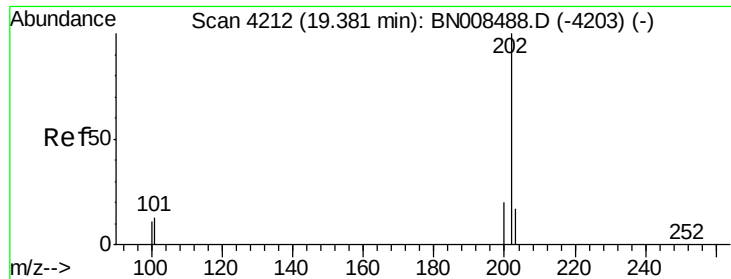
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#15
 Fluoranthene
 Concen: 1.085 ng/ul
 RT: 19.01 min Scan# 4132
 Delta R.T. -0.00 min
 Lab File: BN008489.D
 Acq: 07 Nov 2019 17:50

Tgt Ion:202 Resp: 21584
 Ion Ratio Lower Upper
 202 100
 101 13.5 0.0 33.0
 100 9.1 0.0 30.2





#17

Pyrene

Concen: 0.790 ng/ul

RT: 19.37 min Scan# 4210

Delta R.T. -0.01 min

Lab File: BN008489.D

Acq: 07 Nov 2019 17:50

Instrument :

BNA_N

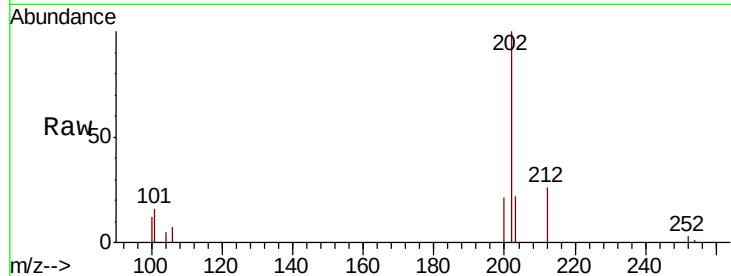
ClientSampleId :

JLNA3

Tot Ion:	202	Resp:	20535
Ion Ratio	Lower	Upper	
202	100		
101	16.4	11.6	17.4
100	12.1	9.4	14.0

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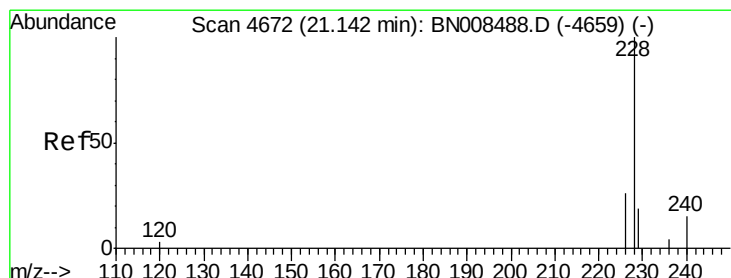
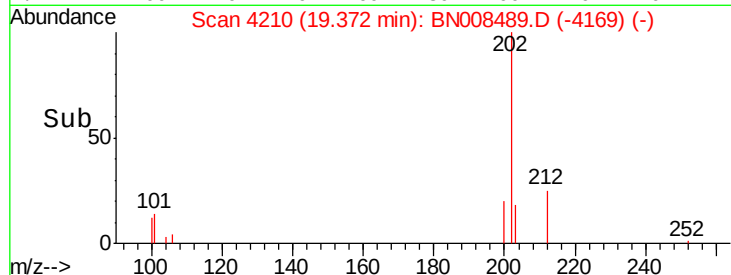
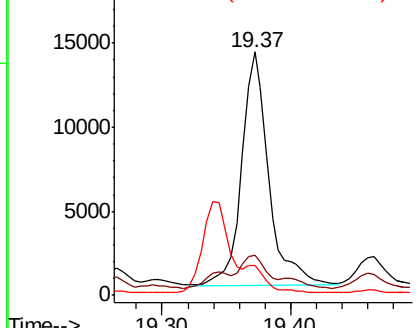
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 0.467 ng/ul

RT: 21.13 min Scan# 4669

Delta R.T. -0.01 min

Lab File: BN008489.D

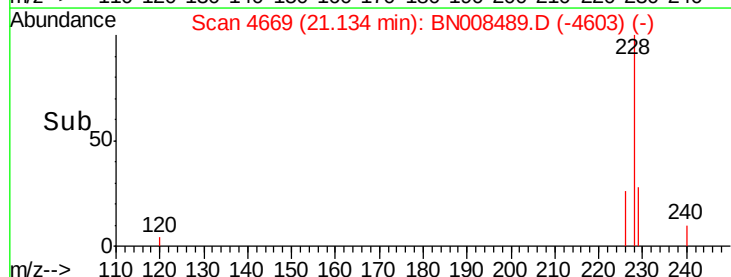
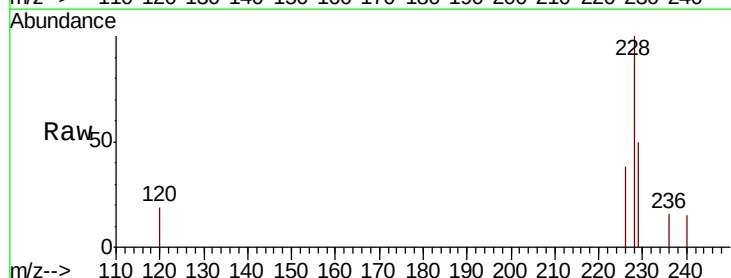
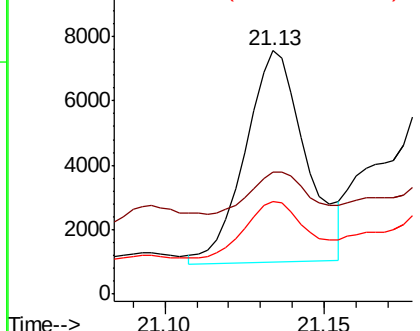
Acq: 07 Nov 2019 17:50

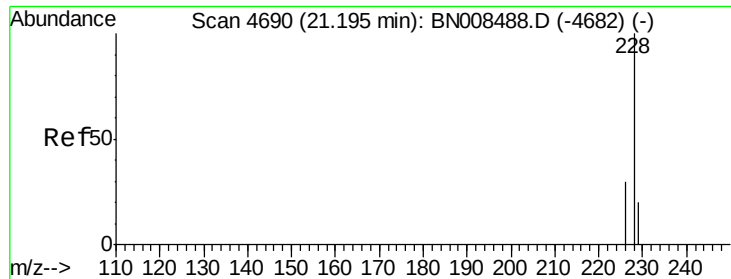
Tgt Ion:	228	Resp:	8661
Ion Ratio	Lower	Upper	
228	100		
229	50.1	16.6	24.8#
226	37.8	22.8	34.2#

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: 0.612 ng/ul

RT: 21.19 min Scan# 4687

Delta R.T. -0.01 min

Lab File: BN008489.D

Acq: 07 Nov 2019 17:50

Instrument :

BNA_N

ClientSampleId :

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Tot Ion:228 Resp: 14438

Ion Ratio Lower Upper

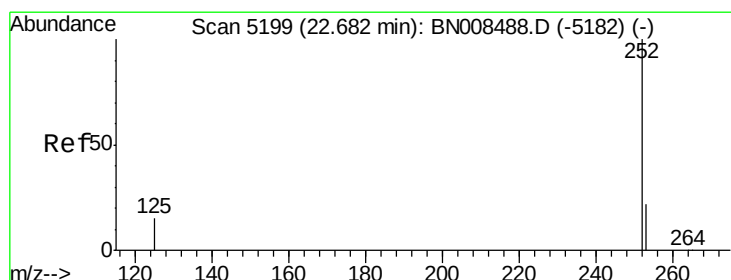
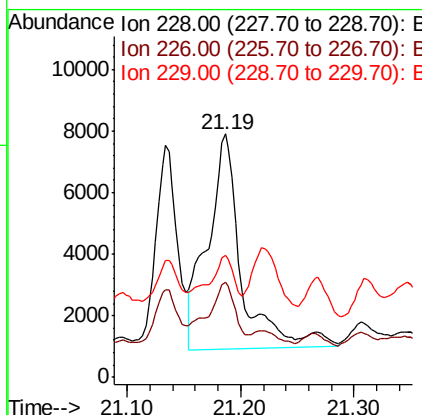
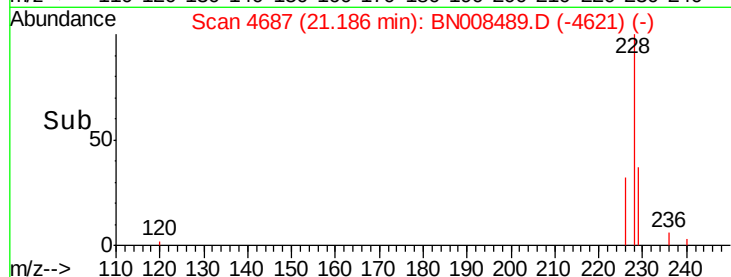
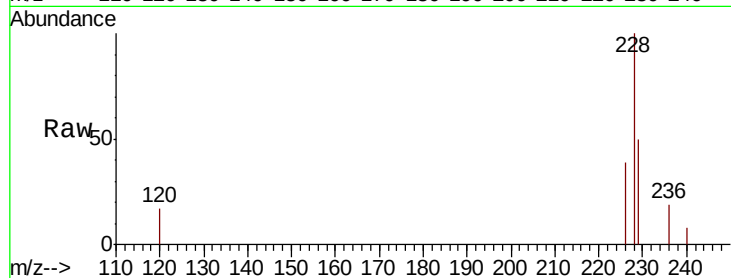
228 100

226 38.8 24.9 37.3#

229 49.9 16.6 25.0#

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#21

Benzo(b)fluoranthene

Concen: 0.399 ng/ul m

RT: 22.68 min Scan# 5197

Delta R.T. -0.01 min

Lab File: BN008489.D

Acq: 07 Nov 2019 17:50

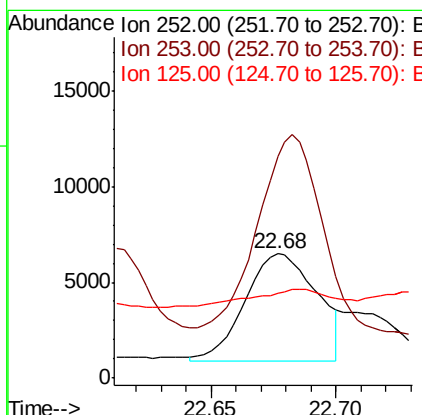
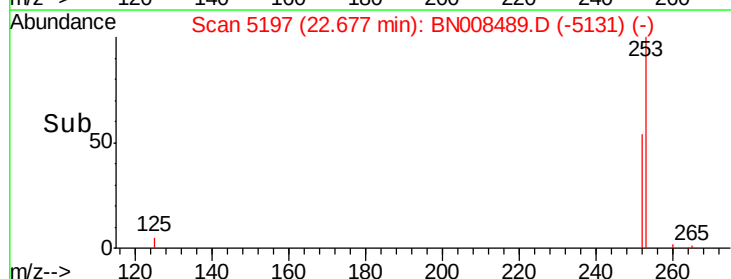
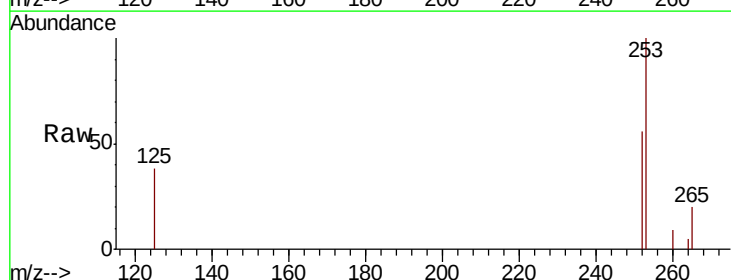
Tgt Ion:252 Resp: 11102

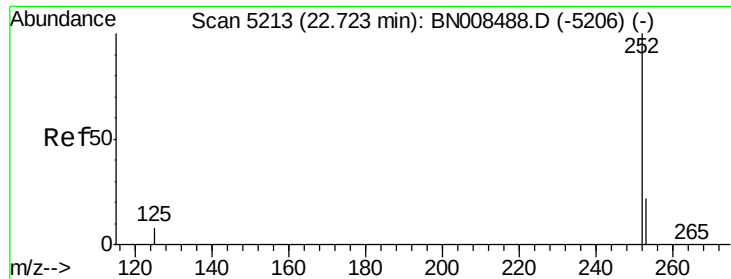
Ion Ratio Lower Upper

252 100

253 178.5 0.0 58.4#

125 68.6 0.0 58.6#





#22

Benzo(k)fluoranthene

Concen: 0.104 ng/ul m

RT: 22.70 min Scan# 5206

Delta R.T. -0.02 min

Lab File: BN008489.D

Acq: 07 Nov 2019 17:50

Instrument :

BNA_N

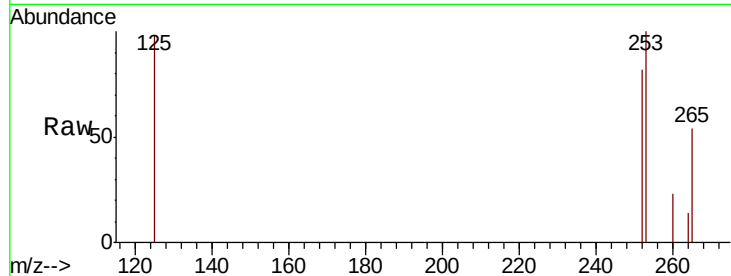
ClientSampleId :

JLNA3

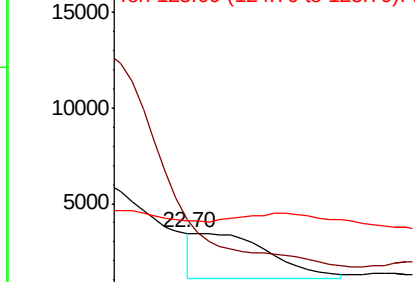
Tot Ion	Ratio	Lower	Upper
252	100		
253	122.1	22.6	34.0#
125	119.4	14.7	22.1#

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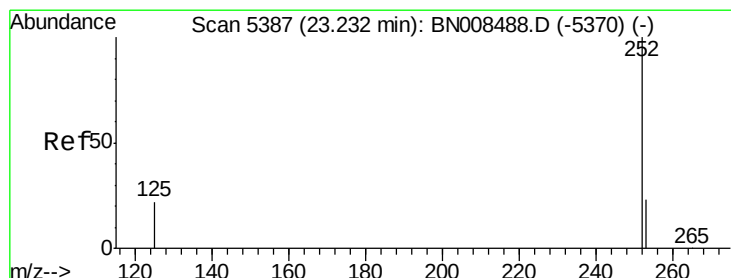
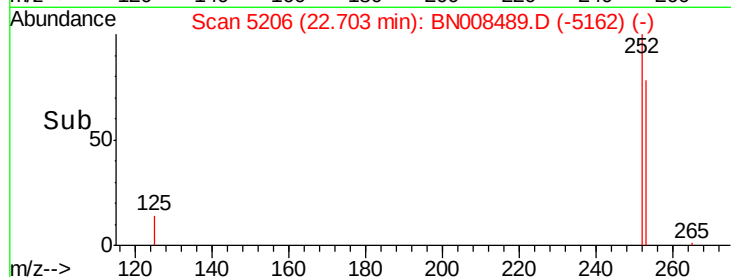
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



#23

Benzo(a)pyrene

Concen: 0.243 ng/ul

RT: 23.22 min Scan# 5383

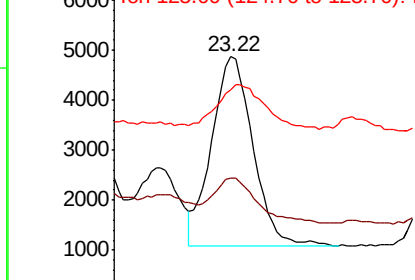
Delta R.T. -0.01 min

Lab File: BN008489.D

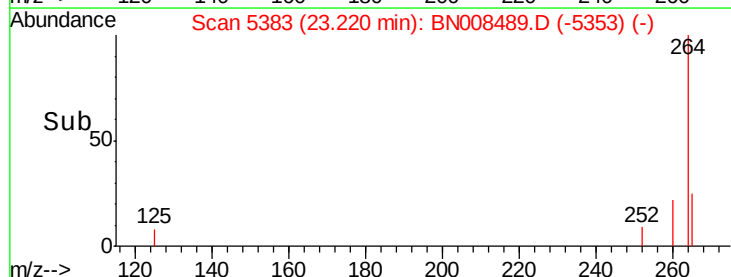
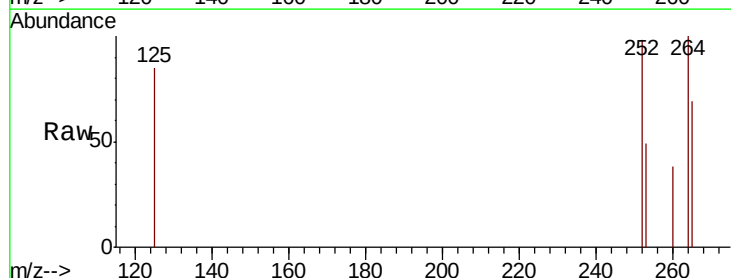
Acq: 07 Nov 2019 17:50

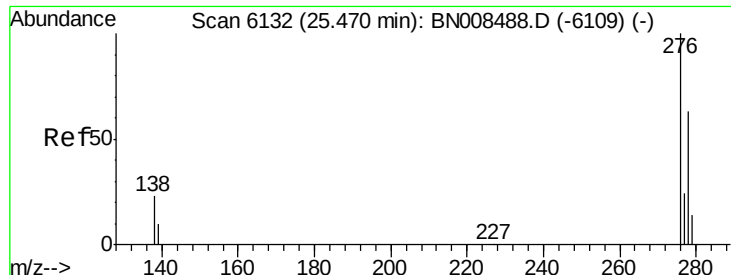
Tgt Ion	Ratio	Lower	Upper
252	100		
253	49.9	27.2	40.8#
125	86.4	37.0	55.6#

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



Time-->





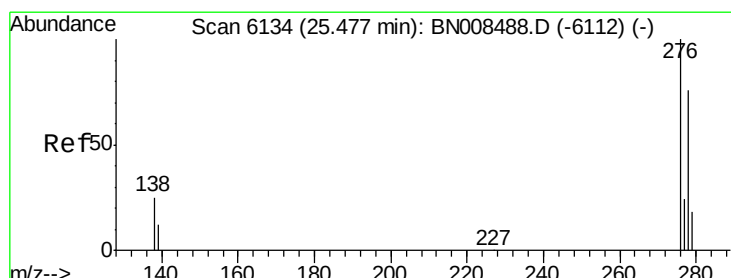
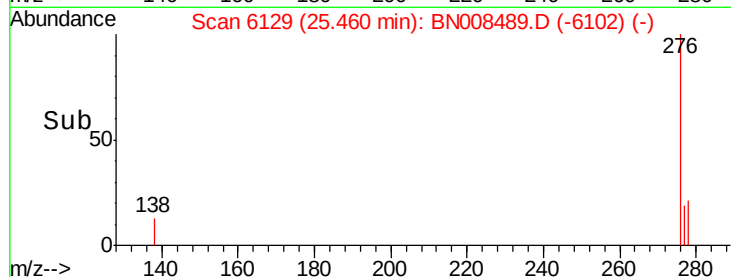
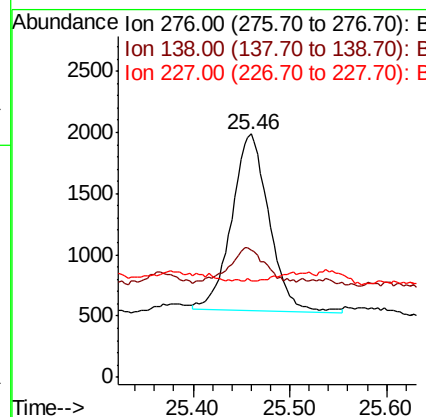
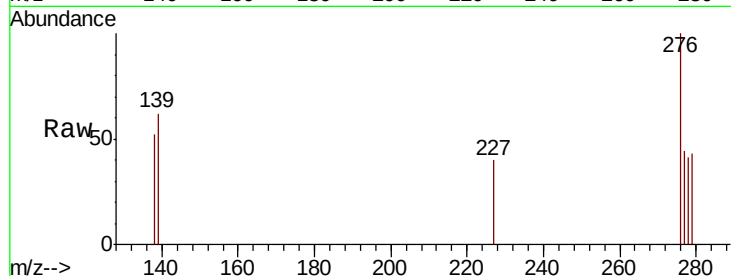
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.122 ng/ul
 RT: 25.46 min Scan# 6129
 Delta R.T. -0.01 min
 Lab File: BN008489.D
 Acq: 07 Nov 2019 17:50

Instrument :
 BNA_N
 ClientSampled :
 JLNA3

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.7	18.3	27.5
227	0.0	0.0	0.0

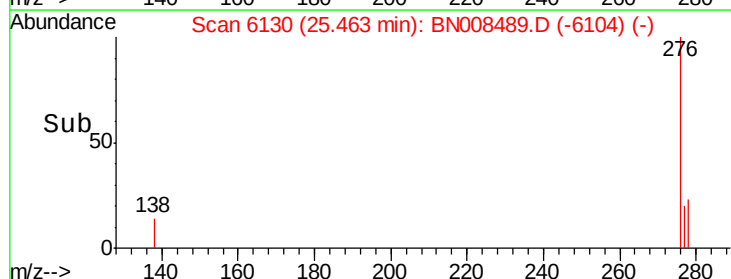
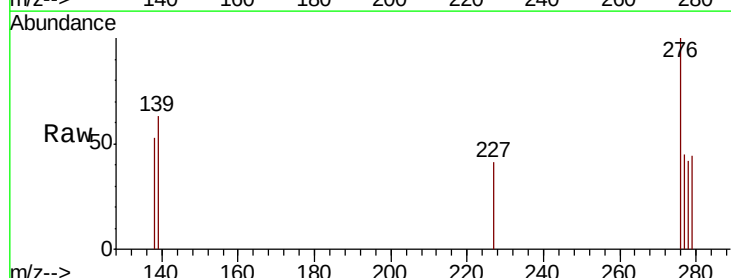
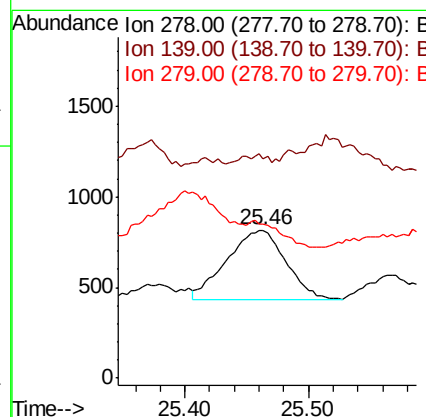
Manual Integrations
 APPROVED

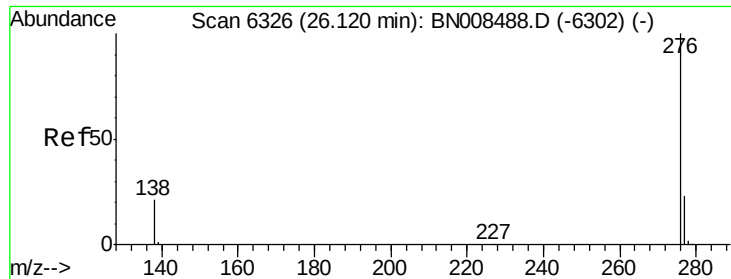
mohammad
 11/11/2019 8:08:15 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.049 ng/ul
 RT: 25.46 min Scan# 6130
 Delta R.T. -0.01 min
 Lab File: BN008489.D
 Acq: 07 Nov 2019 17:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	148.3	17.6	26.4#
279	104.2	25.1	37.7#





#26
 Benzo(a,h,i)perylene
 Concen: 0.170 ng/ul
 RT: 26.11 min Scan# 6323
 Delta R.T. -0.01 min
 Lab File: BN008489.D
 Acq: 07 Nov 2019 17:50

Instrument :
 BNA_N
 ClientSampleId :
 JLNA3

Tot Ion	Ratio	Lower	Upper
276	100		
138	48.3	20.1	30.1#
277	42.5	20.6	31.0#

Manual Integrations
 APPROVED

mohammad
 11/11/2019 8:08:15 AM

