

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
 Data File : BN008492.D
 Acq On : 07 Nov 2019 19:38
 Operator : JU
 Sample : K5565-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLNA6

Manual Integrations
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 11/11/2019 8:08:24 AM

Quant Time: Nov 08 07:27:09 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	1483	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	6018	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	3178	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	5704	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	4504	0.40	ng/ul	0.00
20) Perylene-d12	23.31	264	4411m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	1772	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	3488	0.21	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.36	128	2452	0.143	ng/ul#	95
5) 2-Methylnaphthalene	11.99	142	1940	0.170	ng/ul	99
8) Acenaphthene	14.25	153	3030	0.253	ng/ul	99
9) Fluorene	15.25	166	3902	0.297	ng/ul	99
12) Phenanthrene	16.98	178	14832	0.855	ng/ul	99
13) Anthracene	17.07	178	5168	0.340	ng/ul	96
15) Fluoranthene	19.01	202	13989	0.704	ng/ul	99
17) Pyrene	19.37	202	12148	0.552	ng/ul	98
18) Benzo(a)anthracene	21.14	228	2938	0.187	ng/ul#	88
19) Chrysene	21.19	228	2557	0.128	ng/ul#	86
21) Benzo(b)fluoranthene	22.68	252	2388m	0.145	ng/ul	
22) Benzo(k)fluoranthene	22.71	252	940m	0.050	ng/ul	
23) Benzo(a)pyrene	23.22	252	1583	0.096	ng/ul#	45
24) Indeno(1,2,3-cd)pyrene	25.46	276	909	0.048	ng/ul#	90
26) Benzo(g,h,i)perylene	26.11	276	815	0.048	ng/ul#	44

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

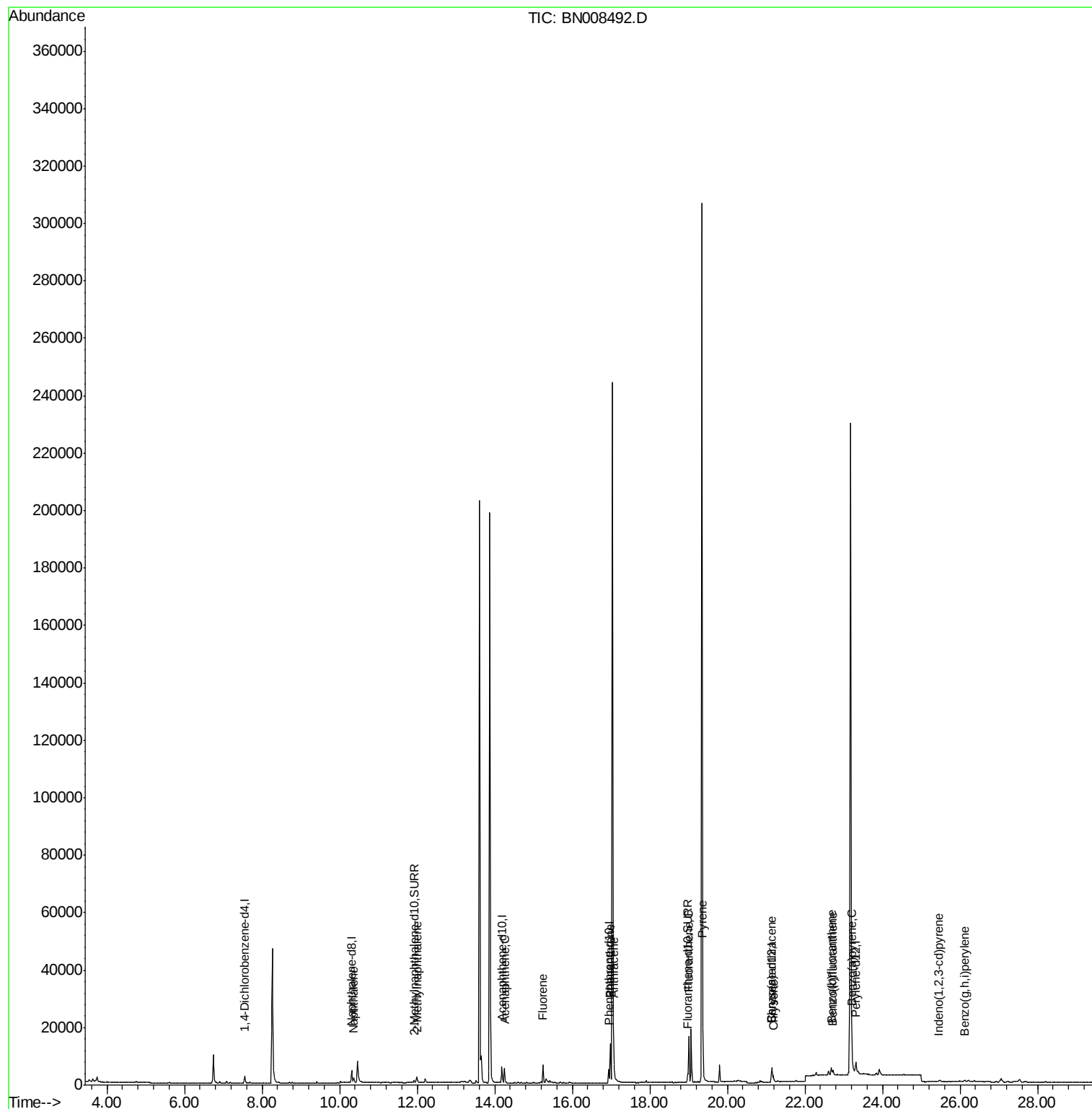
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
Data File : BN008492.D
Acq On : 07 Nov 2019 19:38
Operator : JU
Sample : K5565-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

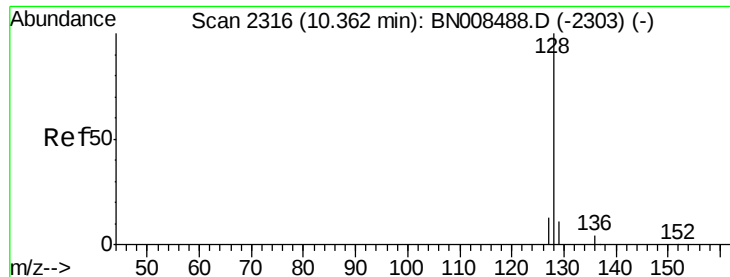
Instrument :
BNA_N
ClientSampleId :
JLNA6

Quant Time: Nov 08 07:27:09 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
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#3

Naphthalene

Concen: 0.143 ng/ul

RT: 10.36 min Scan# 2316

Delta R.T. 0.00 min

Lab File: BN008492.D

Acq: 07 Nov 2019 19:38

Instrument :

BNA_N

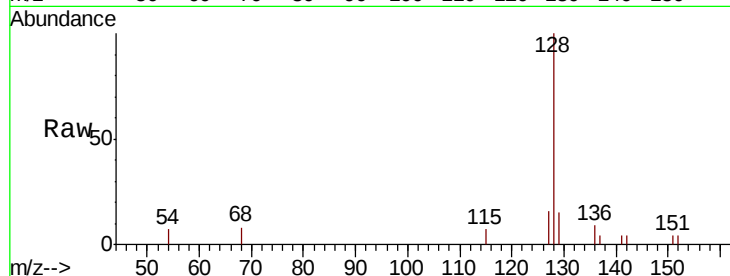
ClientSampleId :

JLNA6

Tot Ion	Ratio	Lower	Upper
128	100		
129	15.3	10.0	15.0#
127	16.1	11.6	17.4

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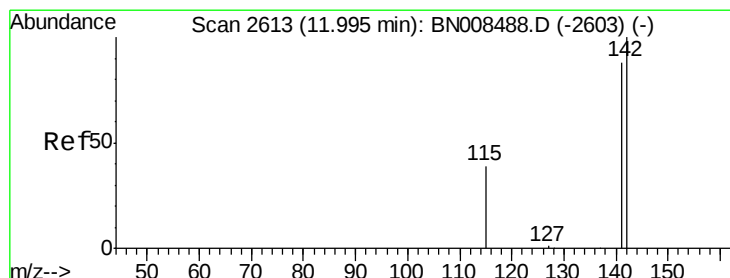
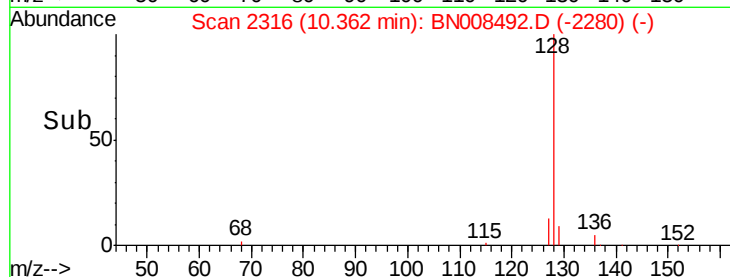
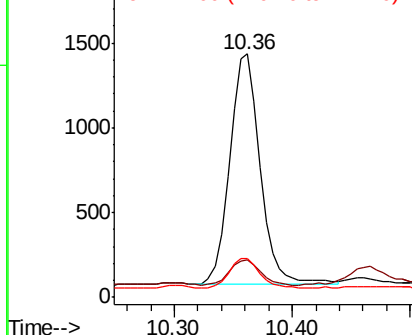


Abundance

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: 0.170 ng/ul

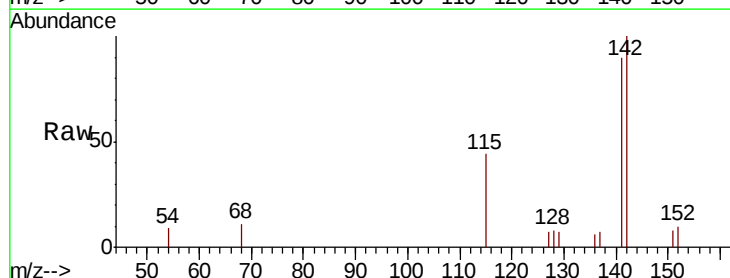
RT: 11.99 min Scan# 2612

Delta R.T. -0.01 min

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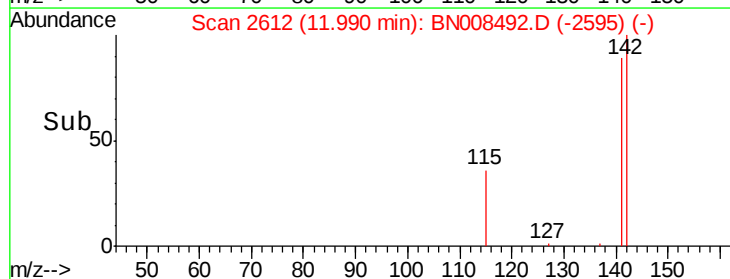
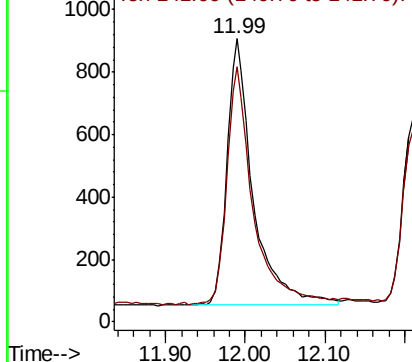
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.8	109.2

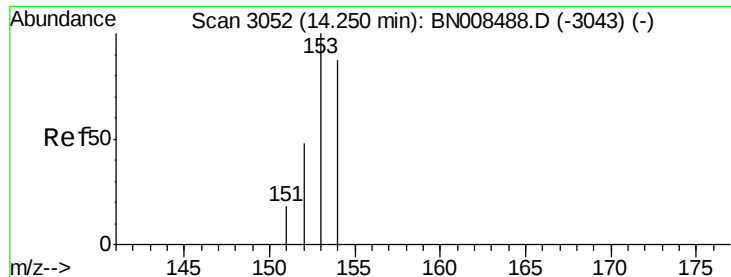


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.253 ng/ul

RT: 14.25 min Scan# 3052

Delta R.T. 0.00 min

Lab File: BN008492.D

Acq: 07 Nov 2019 19:38

Instrument :

BNA_N

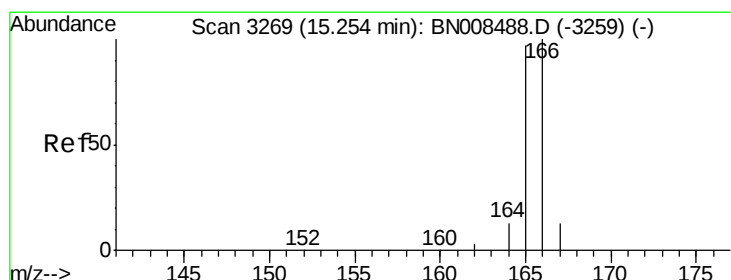
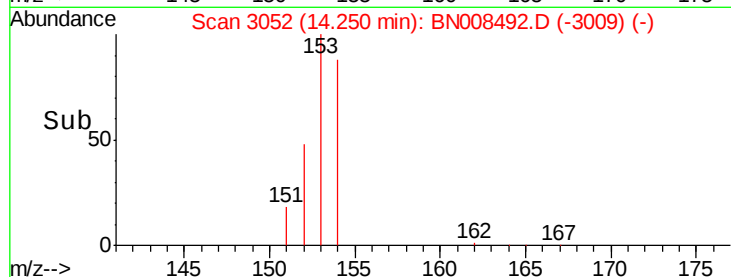
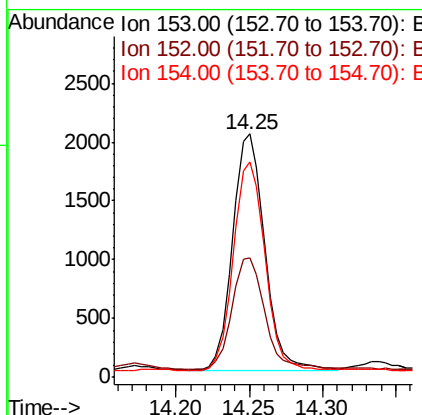
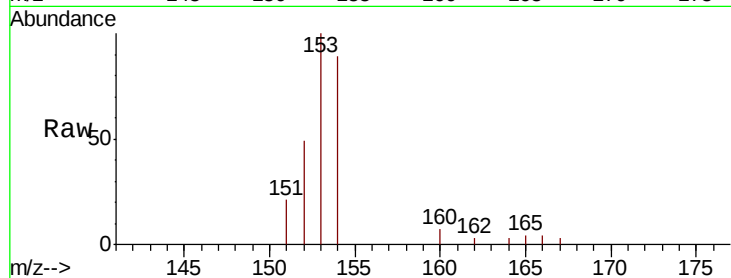
ClientSampleId :

JLNA6

Tot Ion:	153	Resp:	3030
Ion	Ratio	Lower	Upper
153	100		
152	49.3	39.8	59.8
154	88.6	71.6	107.4

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#9

Fluorene

Concen: 0.297 ng/ul

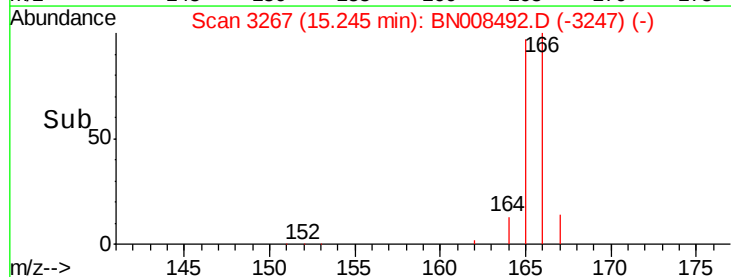
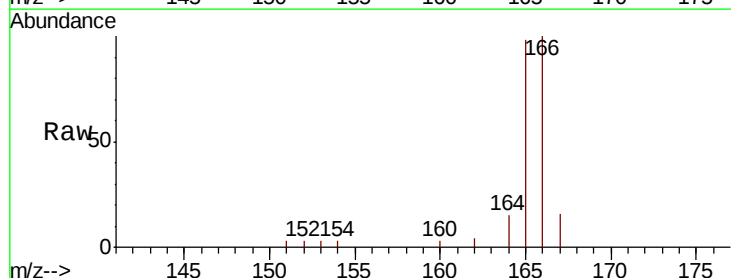
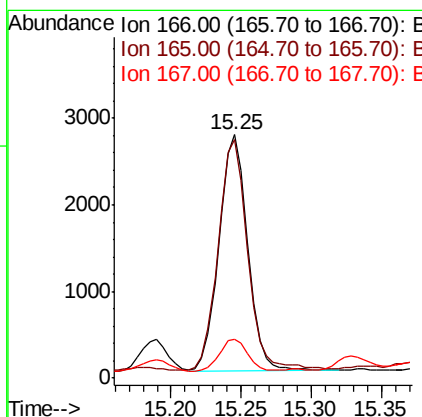
RT: 15.25 min Scan# 3267

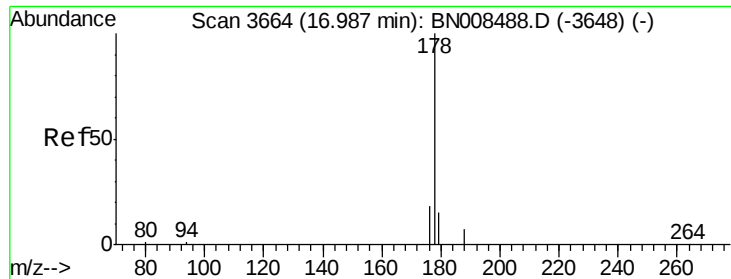
Delta R.T. -0.01 min

Lab File: BN008492.D

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Tgt Ion:	166	Resp:	3902
Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.2	117.2
167	16.2	12.1	18.1





#12

Phenanthrene

Concen: 0.855 ng/ul

RT: 16.98 min Scan# 3662

Delta R.T. -0.01 min

Lab File: BN008492.D

Acq: 07 Nov 2019 19:38

Instrument :

BNA_N

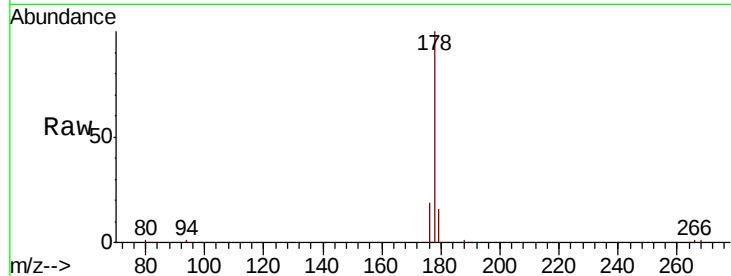
ClientSampleId :

JLNA6

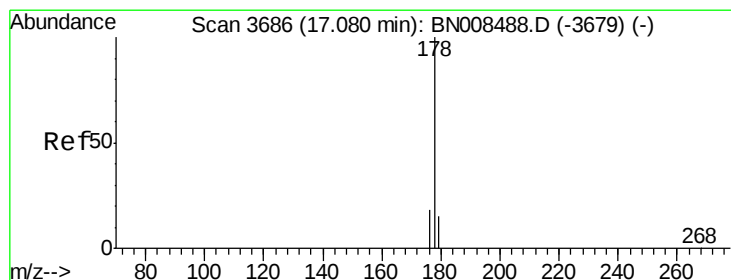
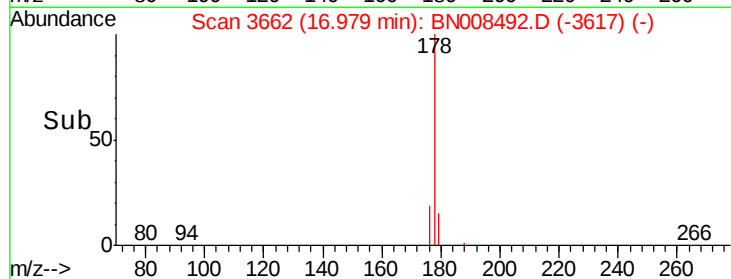
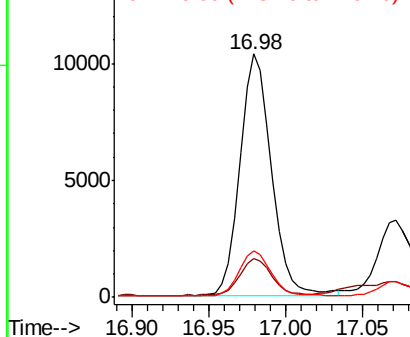
Tot Ion:	178	Resp:	14832
Ion Ratio	Lower	Upper	
178	100		
179	16.2	13.2	19.8
176	19.3	15.6	23.4

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.340 ng/ul

RT: 17.07 min Scan# 3684

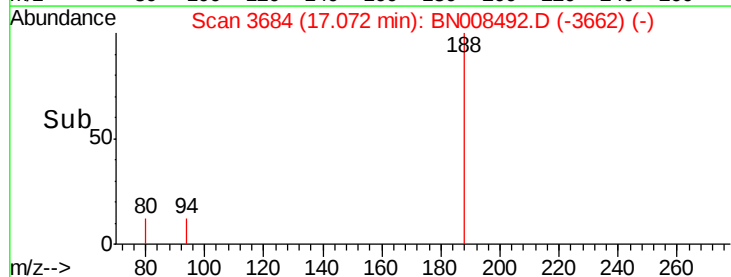
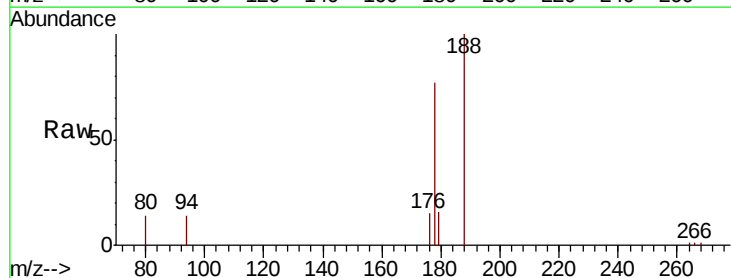
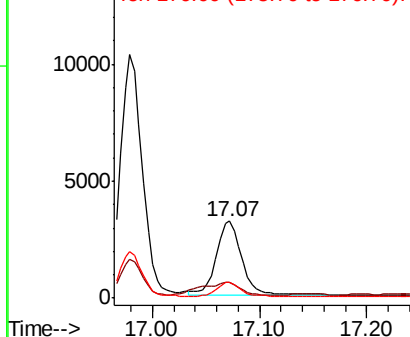
Delta R.T. -0.01 min

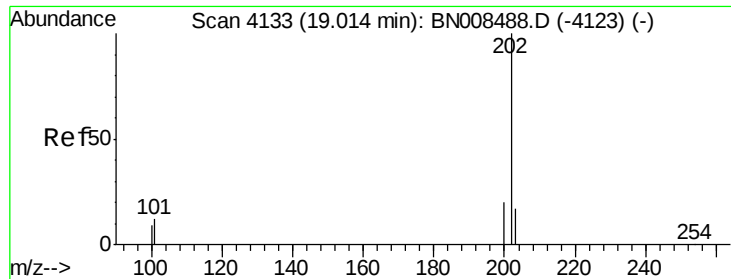
Lab File: BN008492.D

Acq: 07 Nov 2019 19:38

Tgt Ion:	178	Resp:	5168
Ion Ratio	Lower	Upper	
178	100		
179	20.3	13.7	20.5
176	19.7	15.7	23.5

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.704 ng/ul

RT: 19.01 min Scan# 4132

Delta R.T. -0.00 min

Lab File: BN008492.D

Acq: 07 Nov 2019 19:38

Instrument :

BNA_N

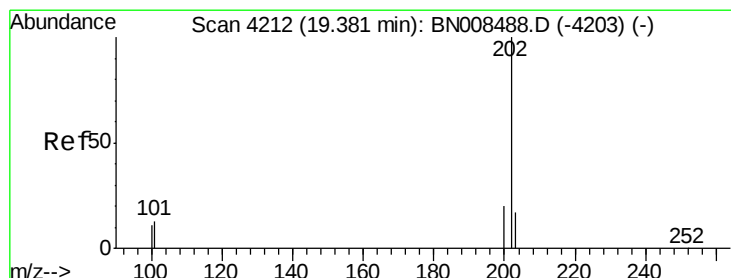
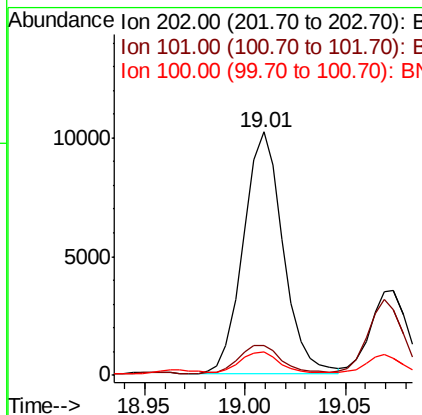
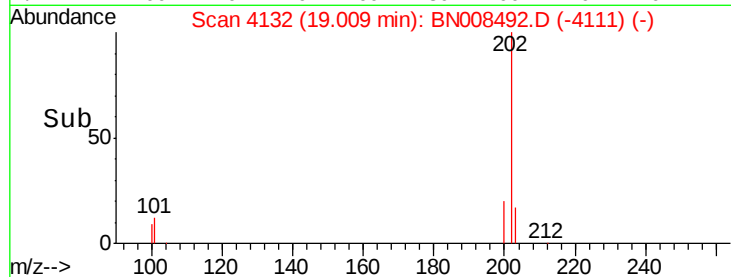
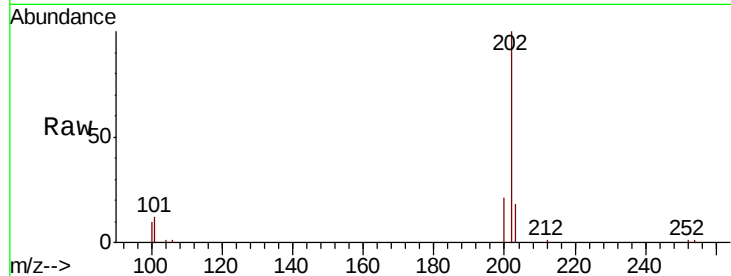
ClientSampleId :

JLNA6

Tot Ion:	202	Resp:	13989
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	33.0
100	9.6	0.0	30.2

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#17

Pyrene

Concen: 0.552 ng/ul

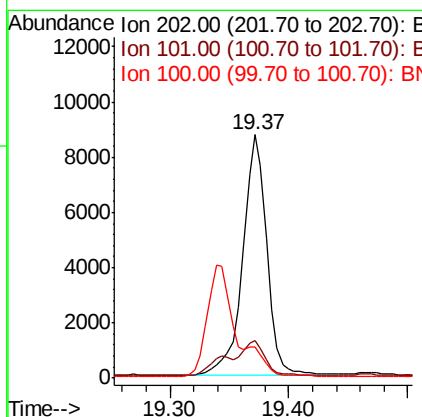
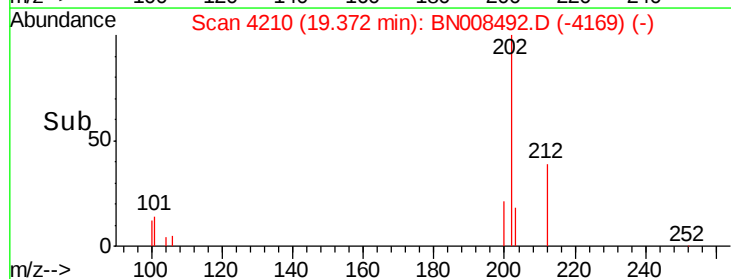
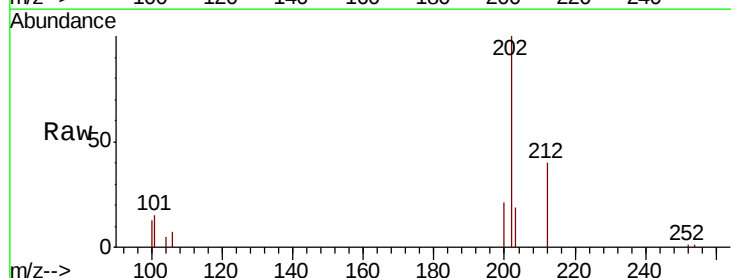
RT: 19.37 min Scan# 4210

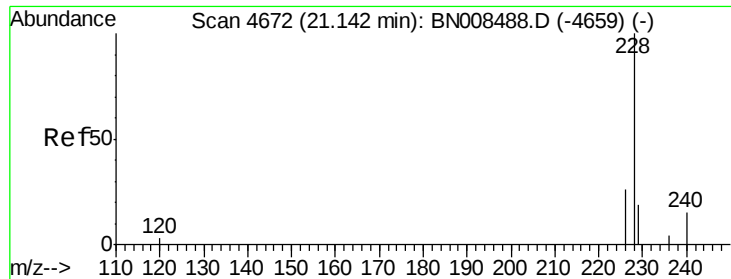
Delta R.T. -0.01 min

Lab File: BN008492.D

Acq: 07 Nov 2019 19:38

Tgt Ion:	202	Resp:	12148
Ion Ratio	Lower	Upper	
202	100		
101	15.4	11.6	17.4
100	12.6	9.4	14.0





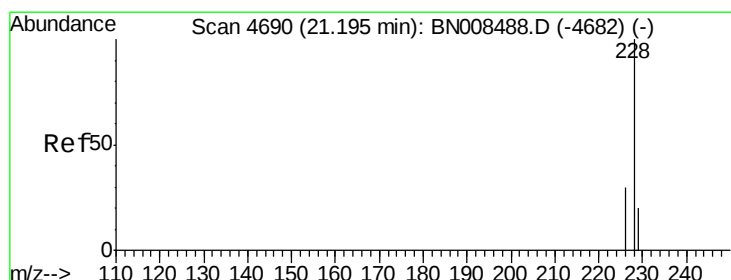
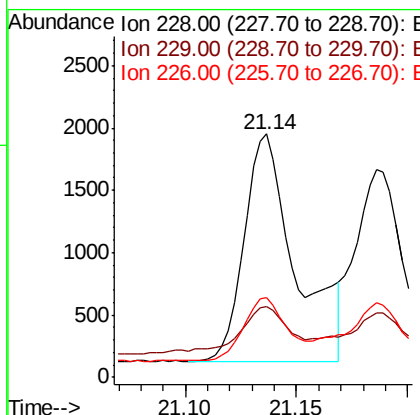
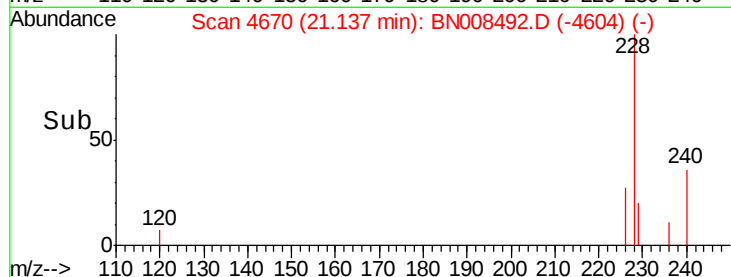
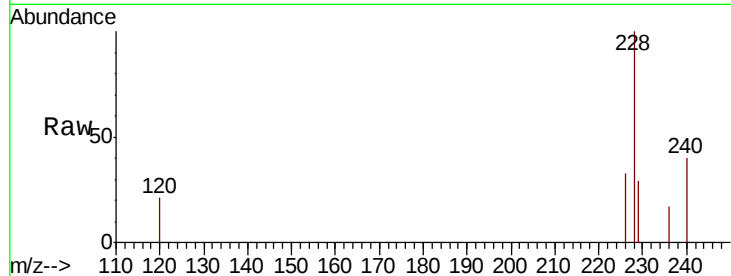
#18
Benzo(a)anthracene
Concen: 0.187 ng/ul
RT: 21.14 min Scan# 4670
Delta R.T. -0.01 min
Lab File: BN008492.D
Acq: 07 Nov 2019 19:38

Instrument :
BNA_N
ClientSampleId :
JLNA6

Tot Ion	Ratio	Lower	Upper
228	100		
229	29.1	16.6	24.8#
226	32.6	22.8	34.2

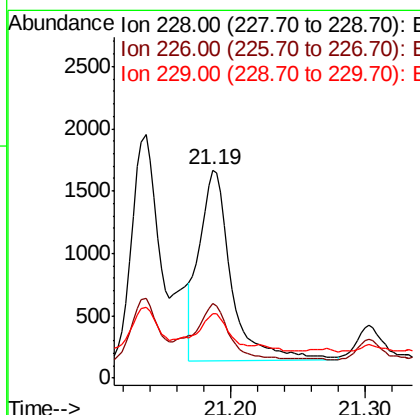
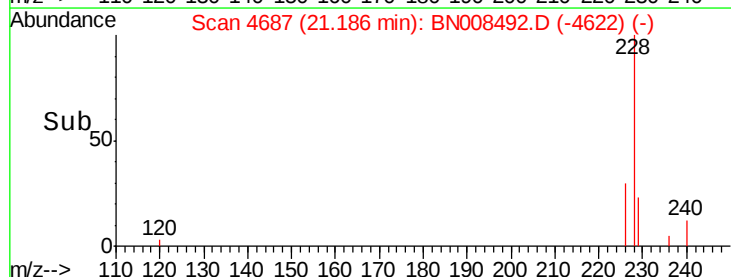
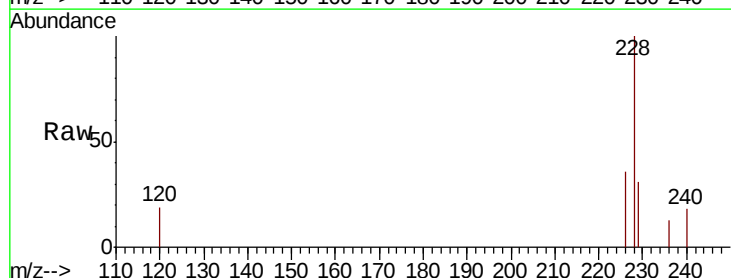
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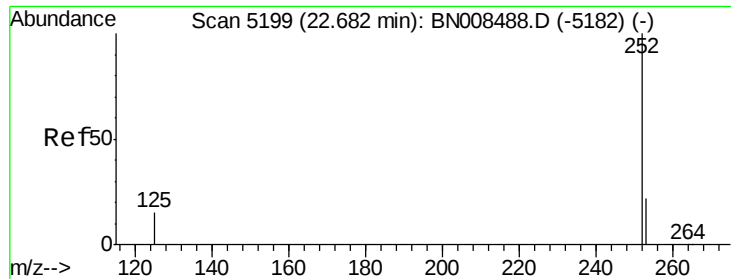
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#19
Chrysene
Concen: 0.128 ng/ul
RT: 21.19 min Scan# 4687
Delta R.T. -0.01 min
Lab File: BN008492.D
Acq: 07 Nov 2019 19:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.6	24.9	37.3
229	30.9	16.6	25.0#





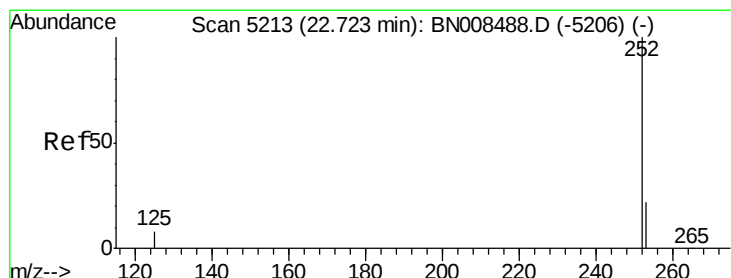
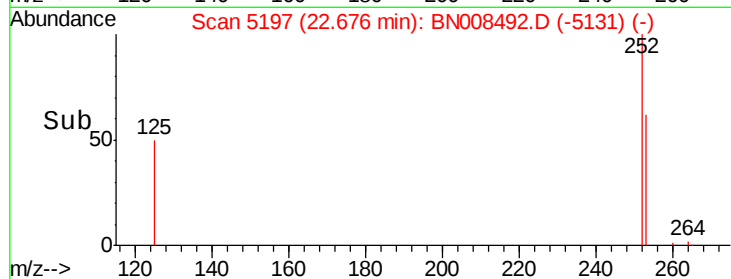
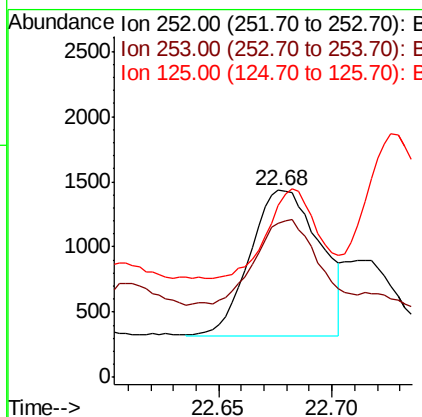
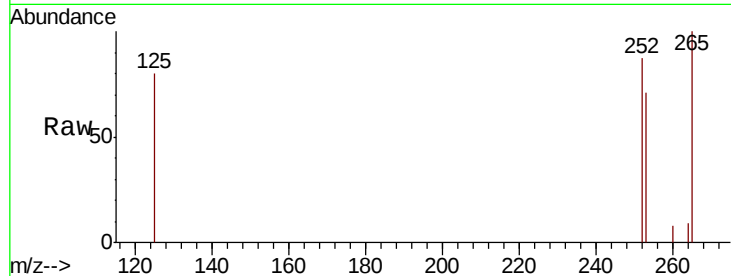
#21
Benzo(b)fluoranthene
Concen: 0.145 ng/ul m
RT: 22.68 min Scan# 5197
Delta R.T. -0.01 min
Lab File: BN008492.D
Acq: 07 Nov 2019 19:38

Instrument :
BNA_N
ClientSampleId :
JLNA6

Tot Ion	Ratio	Lower	Upper
252	100		
253	82.4	0.0	58.4#
125	91.7	0.0	58.6#

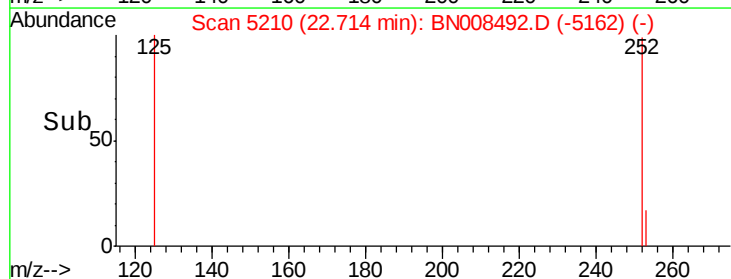
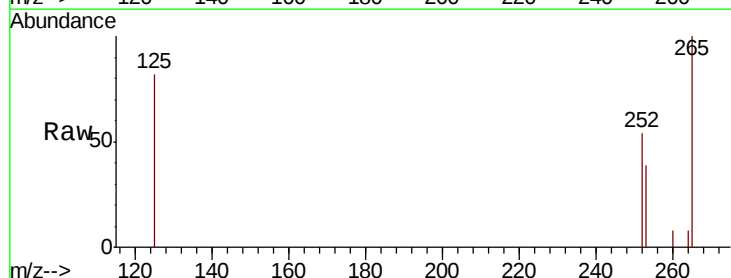
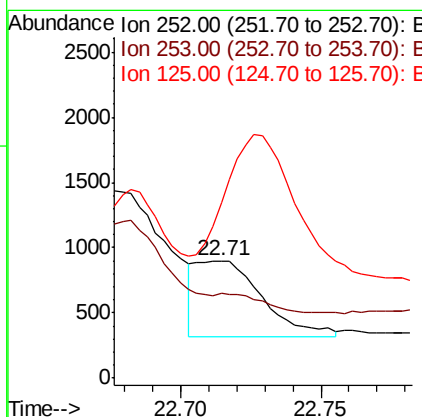
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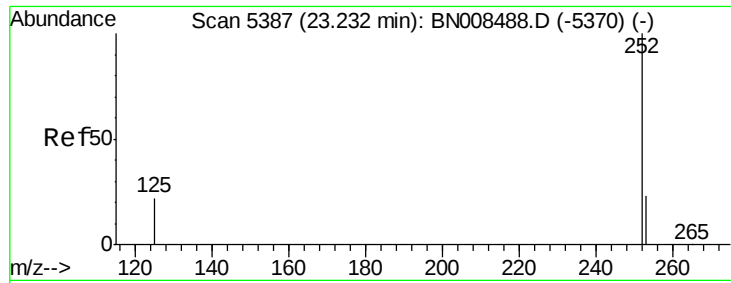
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#22
Benzo(k)fluoranthene
Concen: 0.050 ng/ul m
RT: 22.71 min Scan# 5210
Delta R.T. -0.01 min
Lab File: BN008492.D
Acq: 07 Nov 2019 19:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	71.9	22.6	34.0#
125	149.9	14.7	22.1#





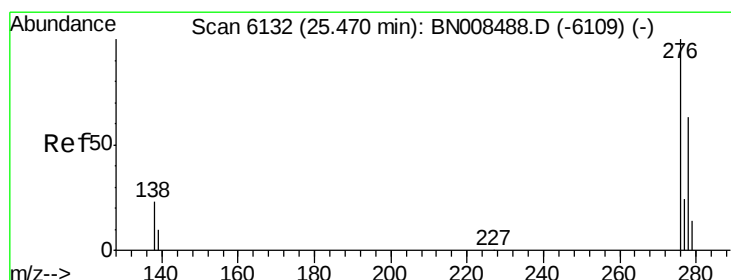
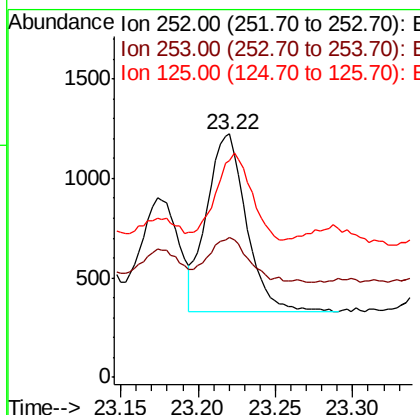
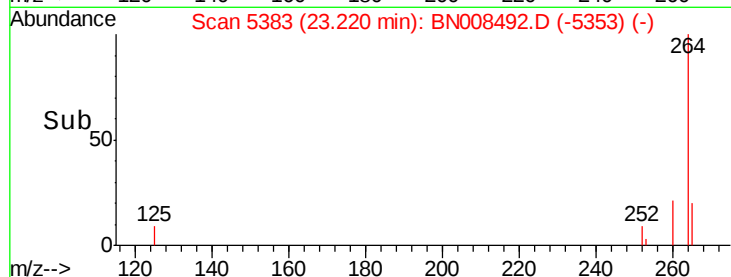
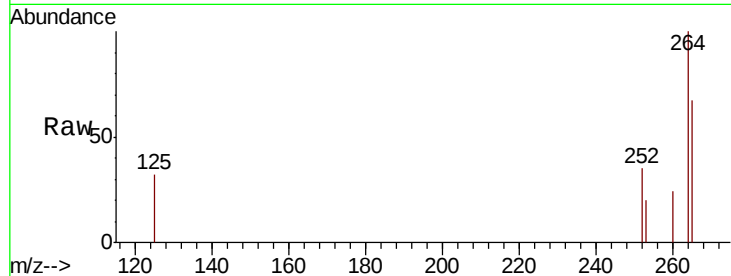
#23
Benzo(a)pyrene
Concen: 0.096 ng/ul
RT: 23.22 min Scan# 5383
Delta R.T. -0.01 min
Lab File: BN008492.D
Acq: 07 Nov 2019 19:38

Instrument :
BNA_N
ClientSampleId :
JLNA6

Tot Ion	Ratio	Lower	Upper
252	100		
253	57.7	27.2	40.8#
125	89.0	37.0	55.6#

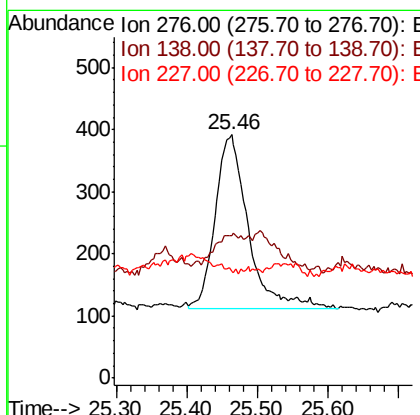
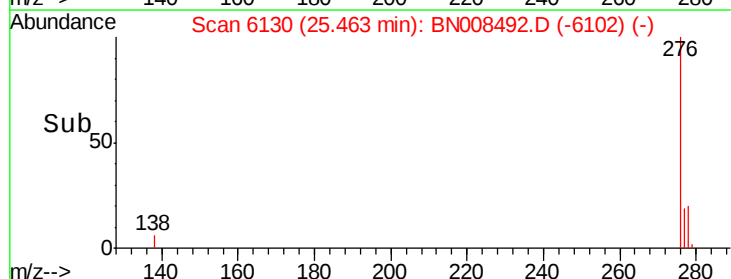
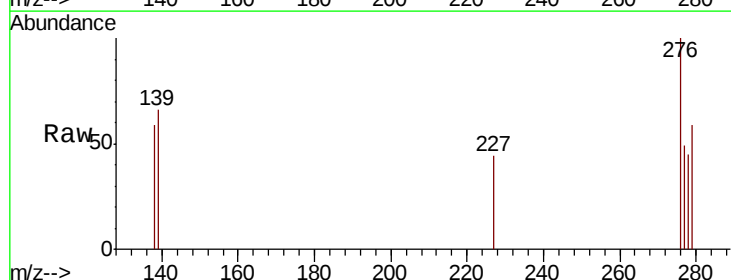
Manual Integrations
APPROVED

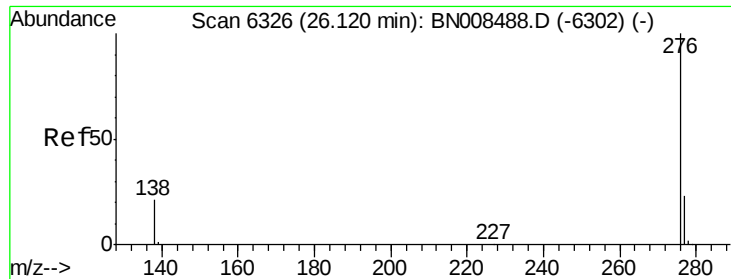
mohammad
11/11/2019 8:08:24 AM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.048 ng/ul
RT: 25.46 min Scan# 6130
Delta R.T. -0.01 min
Lab File: BN008492.D
Acq: 07 Nov 2019 19:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.9	18.3	27.5#
227	0.0	0.0	0.0





#26
 Benzo(a,h,i)perylene
 Concen: 0.048 ng/ul
 RT: 26.11 min Scan# 6323
 Delta R.T. -0.01 min
 Lab File: BN008492.D
 Acq: 07 Nov 2019 19:38

Instrument :
 BNA_N
 ClientSampleId :
 JLNA6

Tot Ion	Ratio	Lower	Upper
276	100		
138	55.0	20.1	30.1#
277	52.3	20.6	31.0#

Manual Integrations
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