

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111819\
 Data File : BN008618.D
 Acq On : 18 Nov 2019 23:44
 Operator : JU
 Sample : K5678-18MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLMA1MSD

Manual Integrations
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Quant Time: Nov 19 03:14:28 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	3700	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	13196	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	7759	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	15736m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	11712	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	12375	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	4855	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	10291	0.21	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.44	128	23281	0.585	ng/ul	99
5) 2-Methylnaphthalene	12.06	142	16038	0.577	ng/ul	100
7) Acenaphthylene	13.97	152	6099	0.142	ng/ul#	89
8) Acenaphthene	14.32	153	541231	17.001	ng/ul	99
9) Fluorene	15.31	166	13170	0.352	ng/ul#	92
11) Pentachlorophenol	16.66	266	59936	10.064	ng/ul	99
12) Phenanthrene	17.04	178	126378	2.381	ng/ul	99
13) Anthracene	17.13	178	26920	0.537	ng/ul#	93
15) Fluoranthene	19.06	202	119156	1.828	ng/ul	100
17) Pyrene	19.42	202	1146631	24.403	ng/ul	96
18) Benzo(a)anthracene	21.18	228	42474	0.902	ng/ul#	86
19) Chrysene	21.23	228	57341	1.240	ng/ul#	89
21) Benzo(b)fluoranthene	22.73	252	68412m	1.341	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	20825m	0.411	ng/ul	
23) Benzo(a)pyrene	23.28	252	48019	1.003	ng/ul#	52
24) Indeno(1,2,3-cd)pyrene	25.53	276	35364	0.631	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.54	278	9189	0.203	ng/ul#	1
26) Benzo(g,h,i)perylene	26.18	276	40553	0.865	ng/ul#	83

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

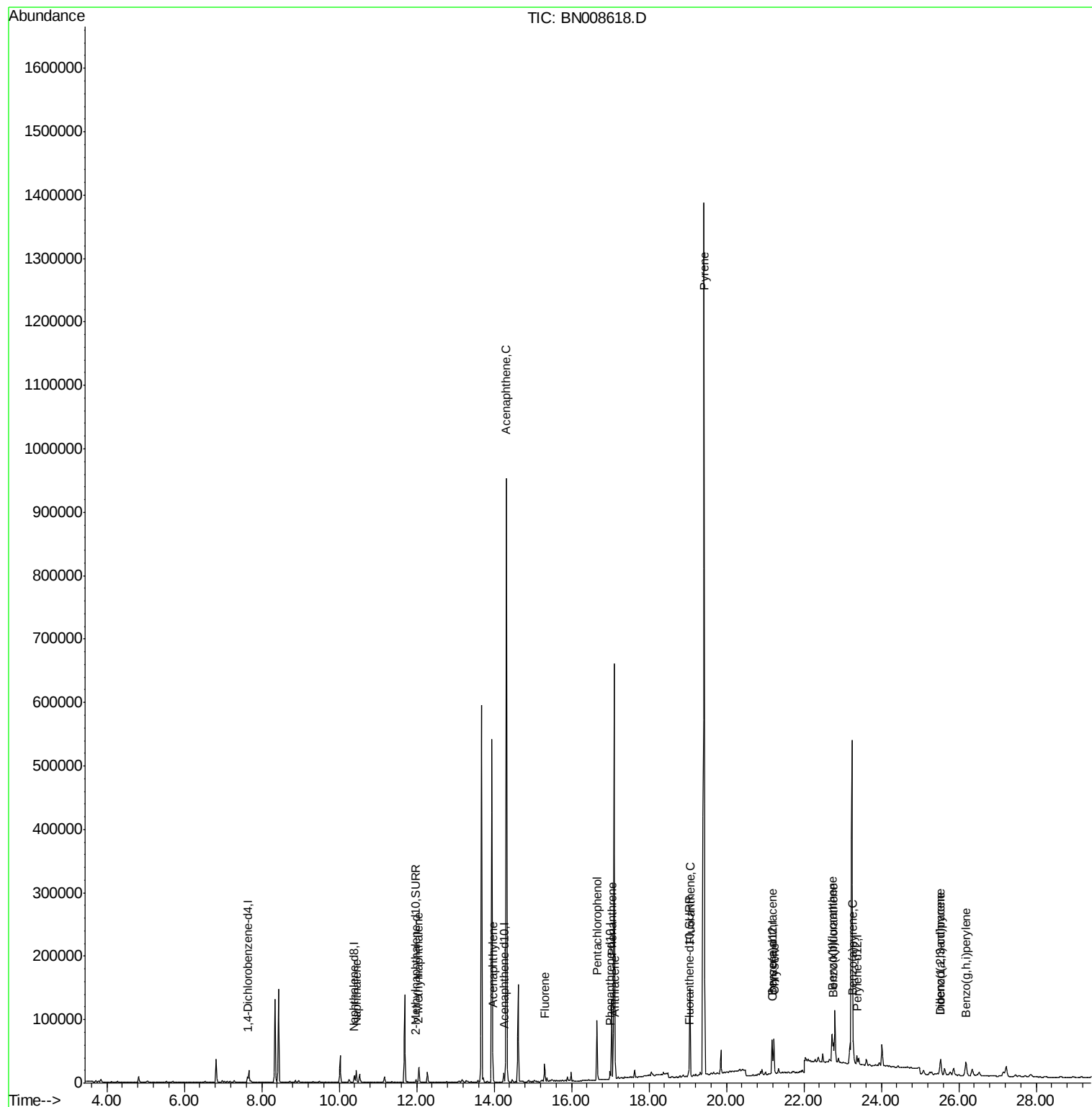
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111819\
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Misc :
ALS Vial : 24 Sample Multiplier: 1

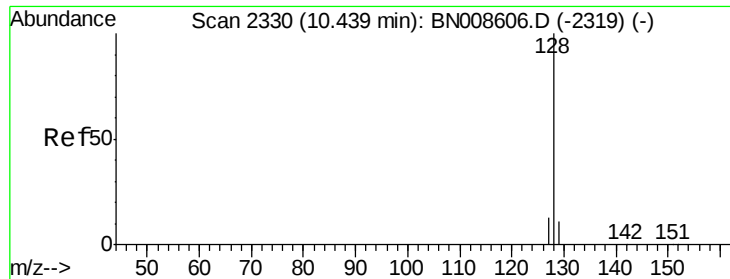
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
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QLast Update : Tue Nov 19 01:47:58 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.585 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BN008618.D

Acq: 18 Nov 2019 23:44

Instrument :

BNA_N

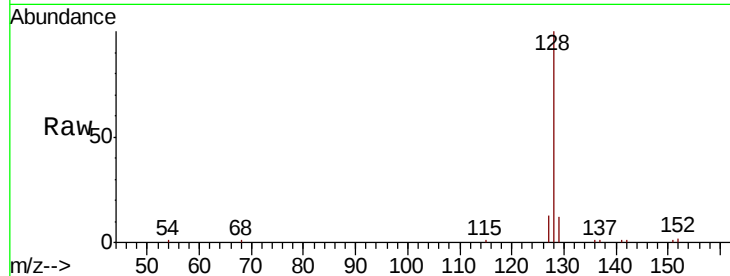
ClientSampleId :

JLMA1MSD

Tot Ion:	128	Resp:	23281
Ion Ratio	Lower	Upper	
128	100		
129	11.7	9.7	14.5
127	13.4	10.8	16.2

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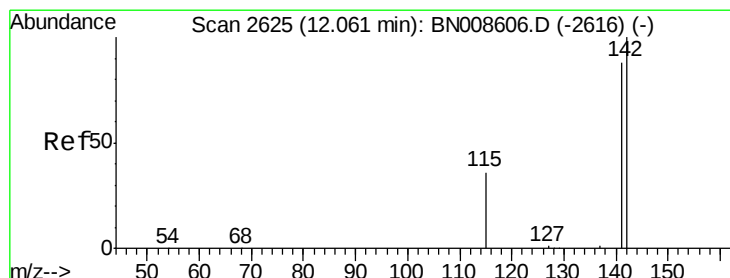
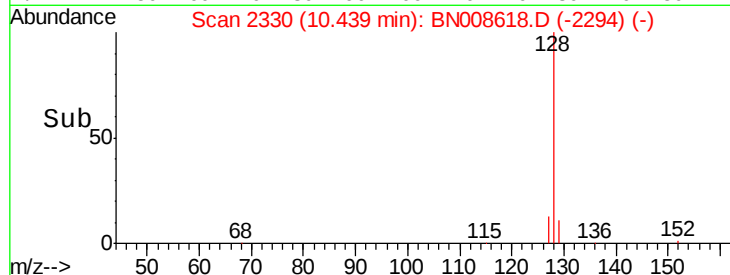
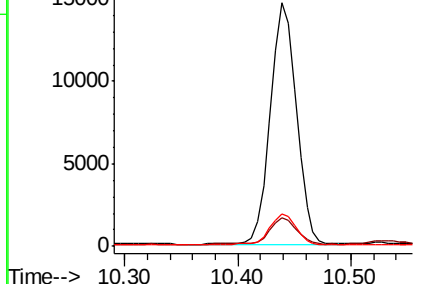
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.577 ng/ul

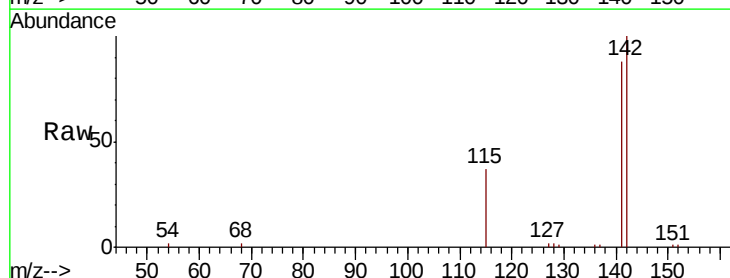
RT: 12.06 min Scan# 2625

Delta R.T. 0.00 min

Lab File: BN008618.D

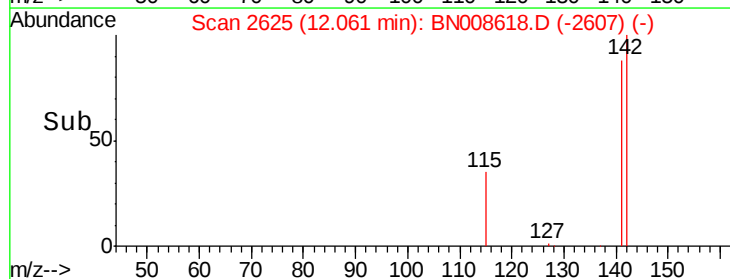
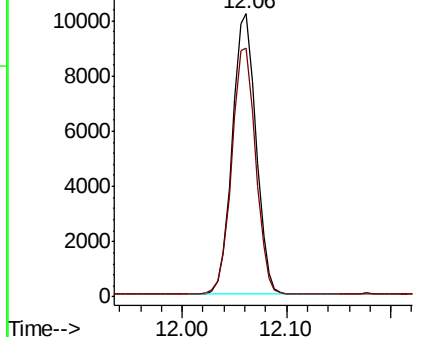
Acq: 18 Nov 2019 23:44

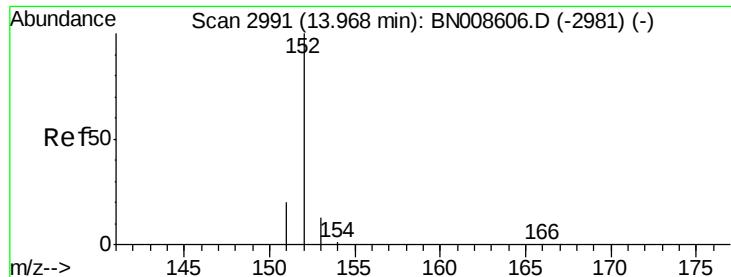
Tgt Ion:	142	Resp:	16038
Ion Ratio	Lower	Upper	
142	100		
141	88.1	70.5	105.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.142 ng/ul

RT: 13.97 min Scan# 2992

Delta R.T. 0.00 min

Lab File: BN008618.D

Acq: 18 Nov 2019 23:44

Instrument :

BNA_N

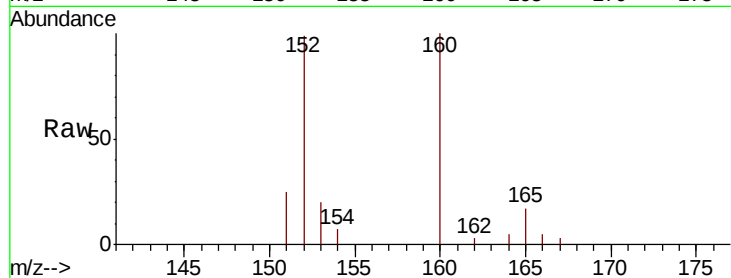
ClientSampleId :

JLMA1MSD

Tot Ion:	152	Resp:	6099
Ion Ratio	Lower	Upper	
152	100		
151	25.0	16.6	24.8#
153	19.8	11.1	16.7#

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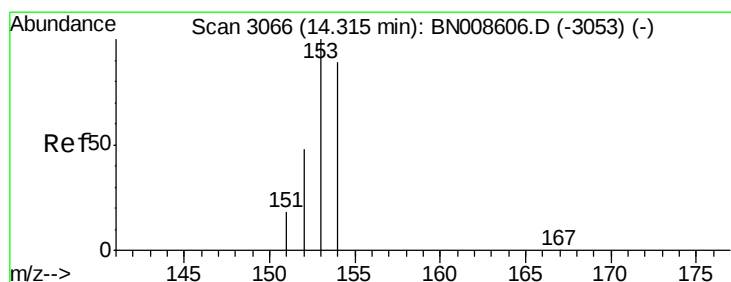
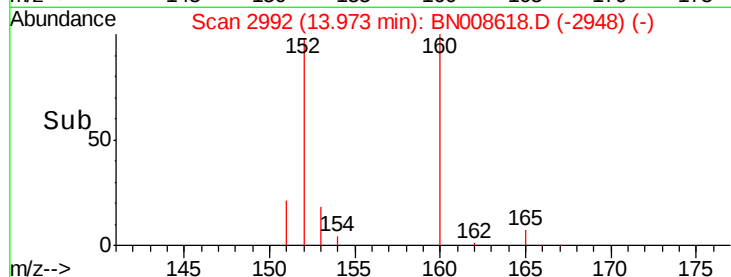
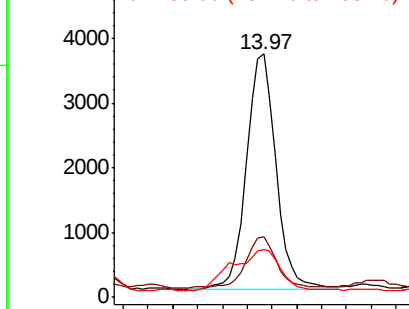


Abundance

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: 17.001 ng/ul

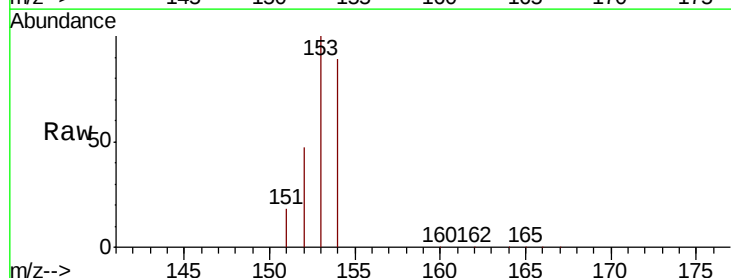
RT: 14.32 min Scan# 3066

Delta R.T. 0.00 min

Lab File: BN008618.D

Acq: 18 Nov 2019 23:44

Tgt Ion:	153	Resp:	541231
Ion Ratio	Lower	Upper	
153	100		
152	47.4	39.6	59.4
154	88.7	70.6	106.0

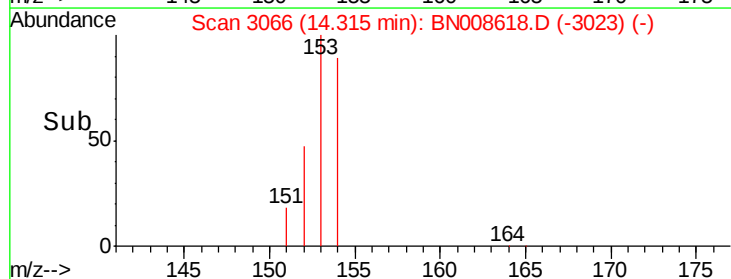
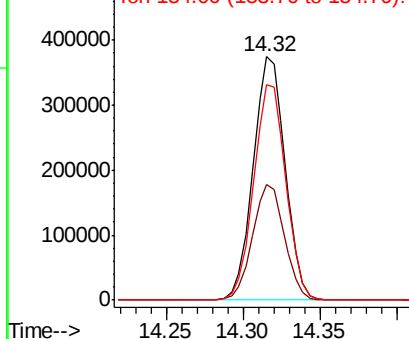


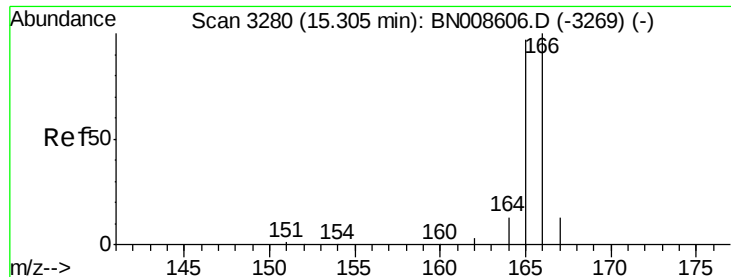
Abundance

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: 0.352 ng/ul

RT: 15.31 min Scan# 3280

Delta R.T. 0.00 min

Lab File: BN008618.D

Acq: 18 Nov 2019 23:44

Instrument :

BNA_N

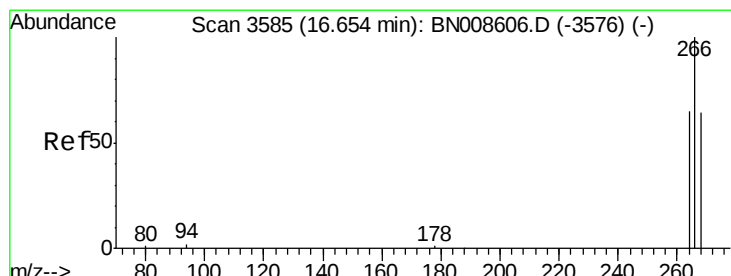
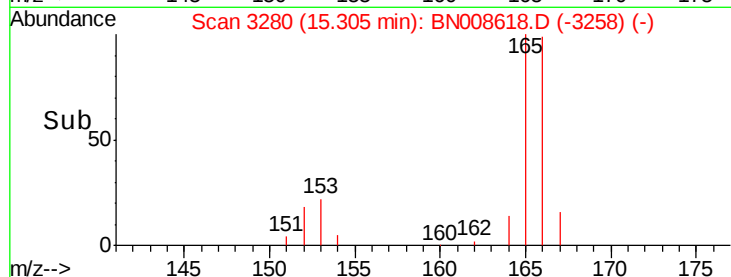
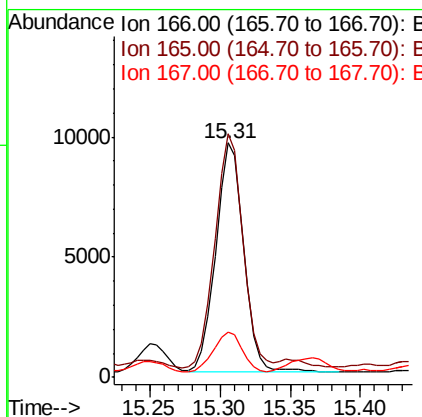
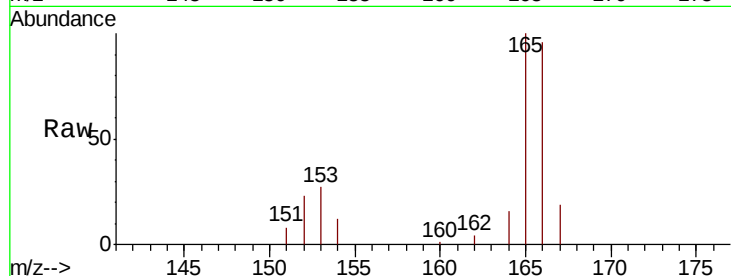
ClientSampleId :

JLMA1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	104.0	77.4	116.0		
167	19.4	11.4	17.0		

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#11

Pentachlorophenol

Concen: 10.064 ng/ul

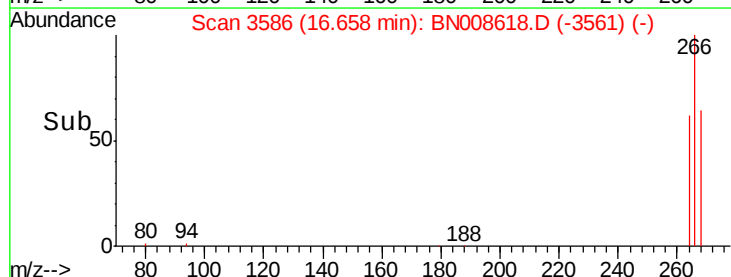
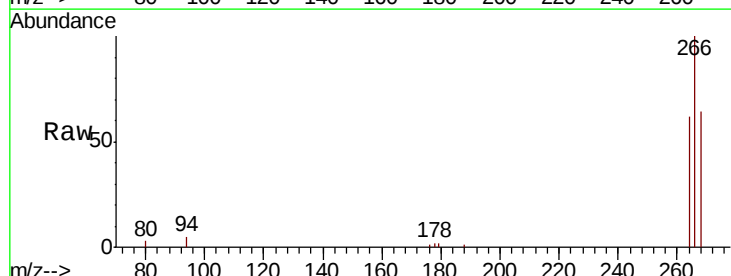
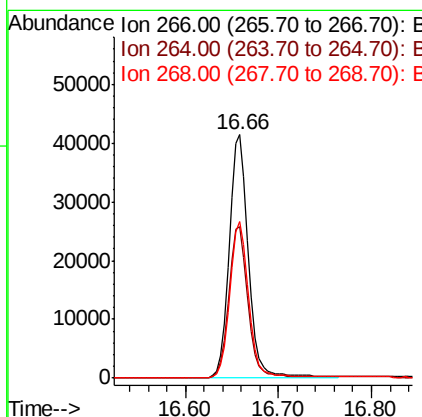
RT: 16.66 min Scan# 3586

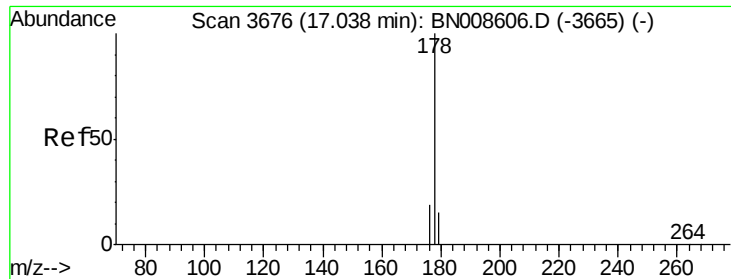
Delta R.T. 0.00 min

Lab File: BN008618.D

Acq: 18 Nov 2019 23:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
266	100				
264	62.8	49.2	73.8		
268	63.9	50.9	76.3		





#12

Phenanthrene

Concen: 2.381 ng/ul

RT: 17.04 min Scan# 3676

Delta R.T. 0.00 min

Lab File: BN008618.D

Acq: 18 Nov 2019 23:44

Instrument :

BNA_N

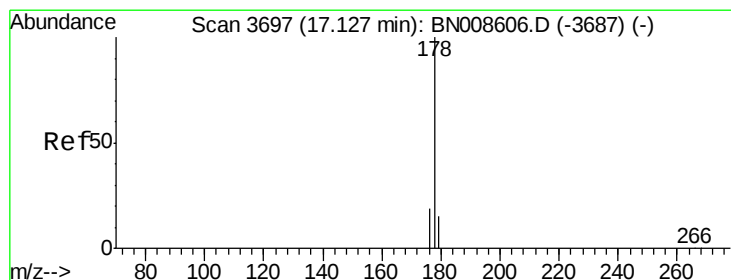
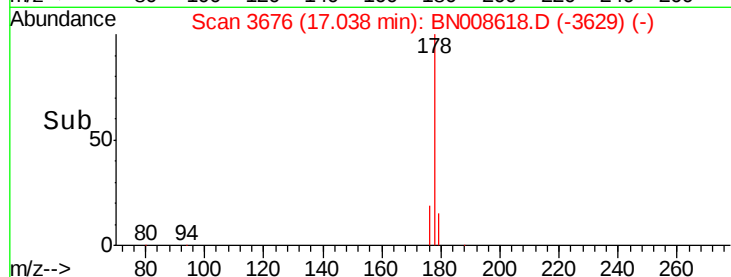
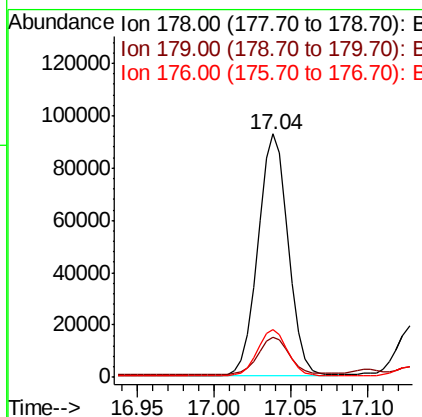
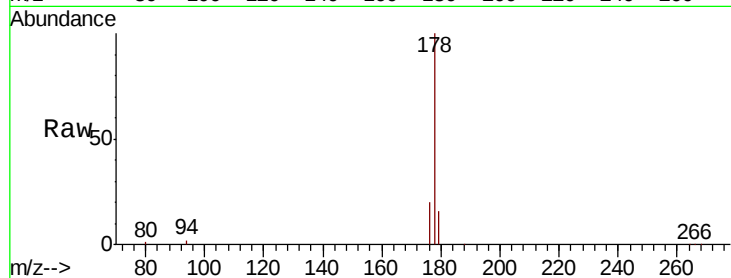
ClientSampleId :

JLMA1MSD

Tot Ion:178	Resp:	126378
Ion Ratio	Lower	Upper
178	100	
179	16.4	12.8 19.2
176	19.5	16.0 24.0

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#13

Anthracene

Concen: 0.537 ng/ul

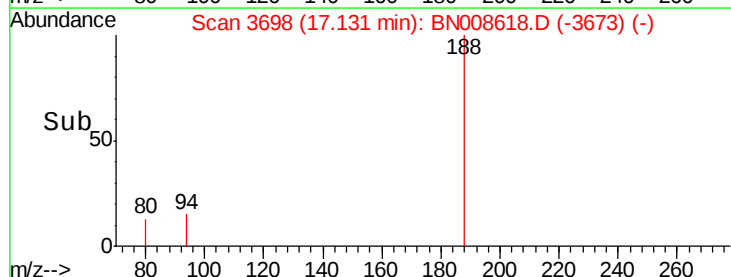
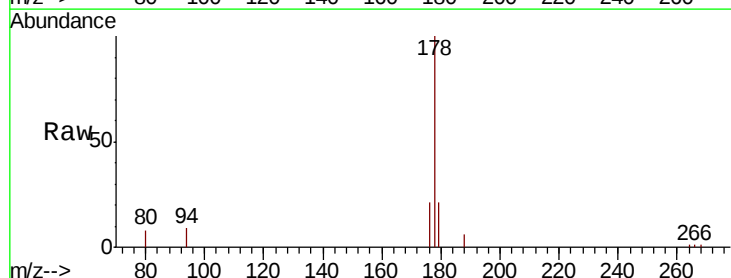
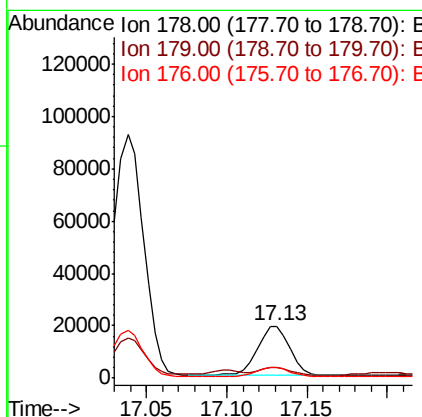
RT: 17.13 min Scan# 3698

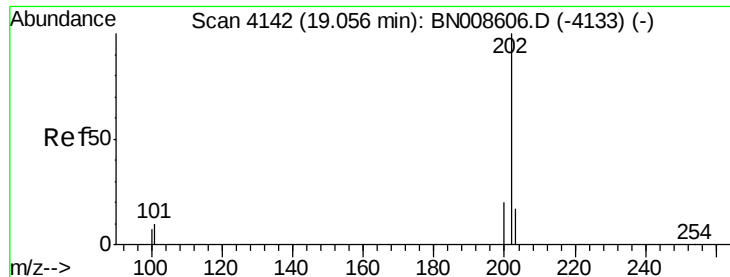
Delta R.T. 0.00 min

Lab File: BN008618.D

Acq: 18 Nov 2019 23:44

Tgt Ion:178	Resp:	26920
Ion Ratio	Lower	Upper
178	100	
179	20.8	13.0 19.4#
176	20.5	15.3 22.9





#15

Fluoranthene

Concen: 1.828 ng/ul

RT: 19.06 min Scan# 4143

Delta R.T. 0.00 min

Lab File: BN008618.D

Acq: 18 Nov 2019 23:44

Instrument :

BNA_N

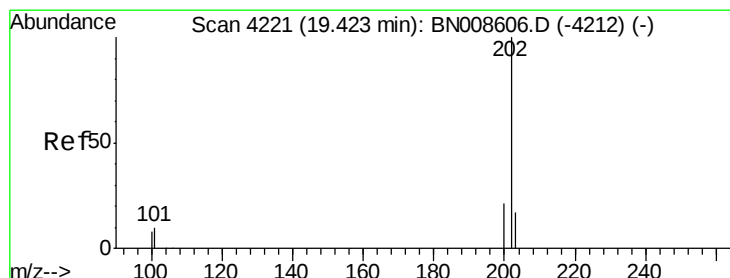
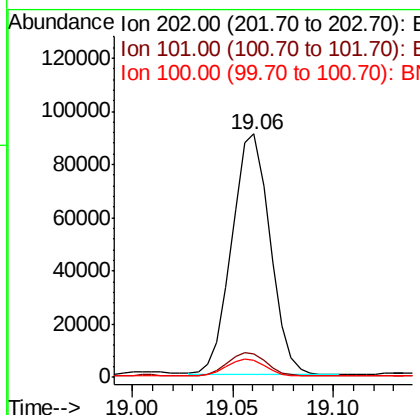
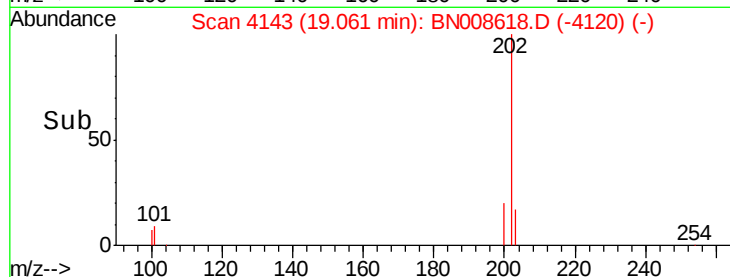
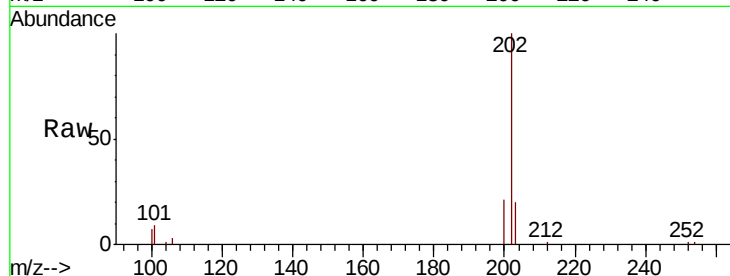
ClientSampleId :

JLMA1MSD

Tot Ion:	202	Resp:	119156
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	29.6
100	7.1	0.0	27.0

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#17

Pyrene

Concen: 24.403 ng/ul

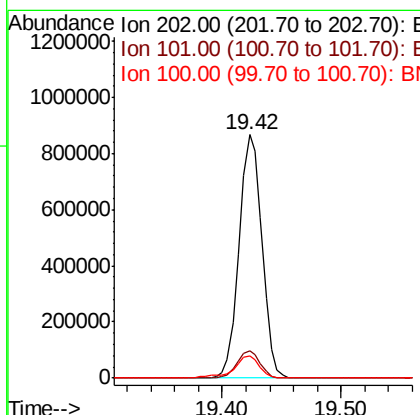
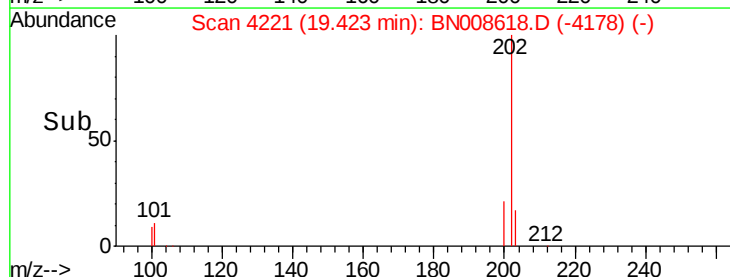
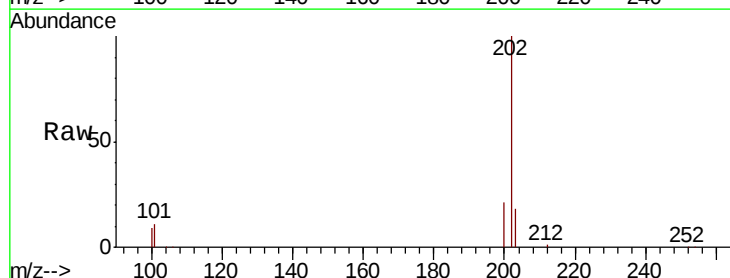
RT: 19.42 min Scan# 4221

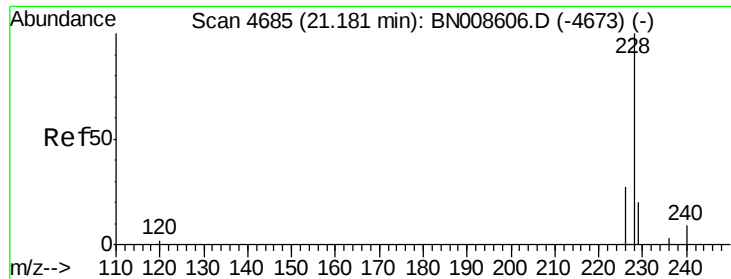
Delta R.T. 0.00 min

Lab File: BN008618.D

Acq: 18 Nov 2019 23:44

Tgt Ion:	202	Resp:	1146631
Ion Ratio	Lower	Upper	
202	100		
101	11.1	10.2	15.2
100	9.0	8.2	12.2





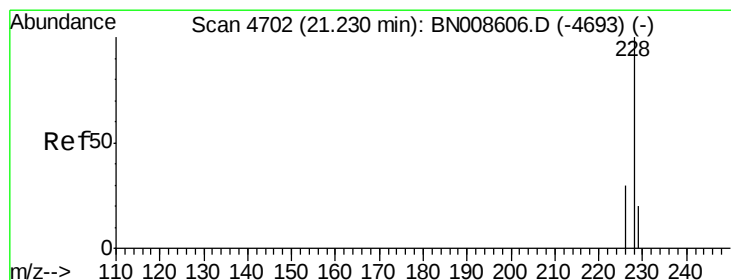
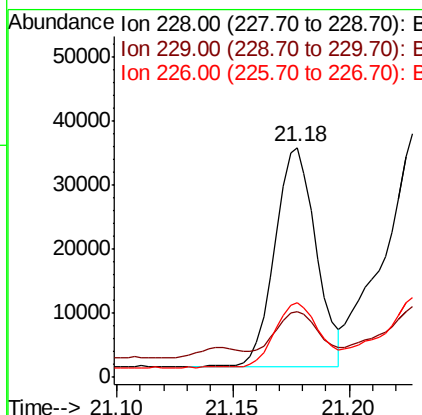
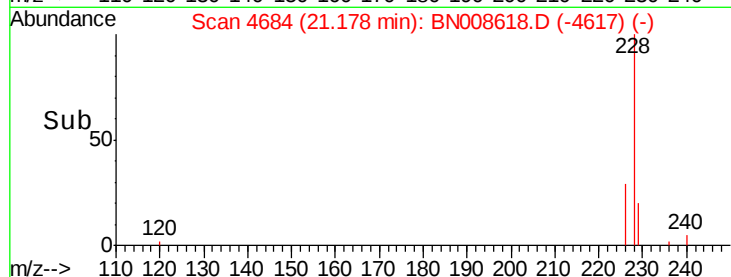
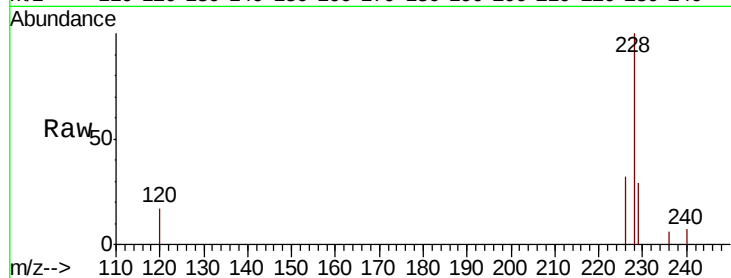
#18
Benzo(a)anthracene
Concen: 0.902 ng/ul
RT: 21.18 min Scan# 4684
Delta R.T. -0.00 min
Lab File: BN008618.D
Acq: 18 Nov 2019 23:44

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BNA_N
ClientSampleId :
JLMA1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
229	28.7	15.8	23.6#
226	32.3	21.6	32.4

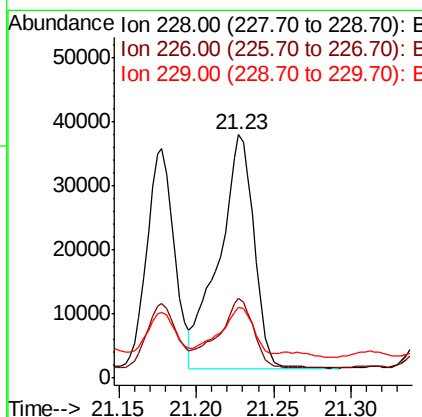
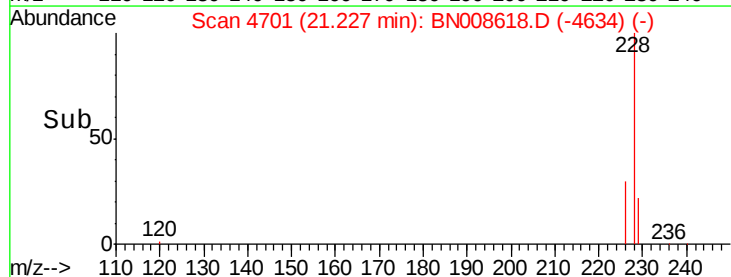
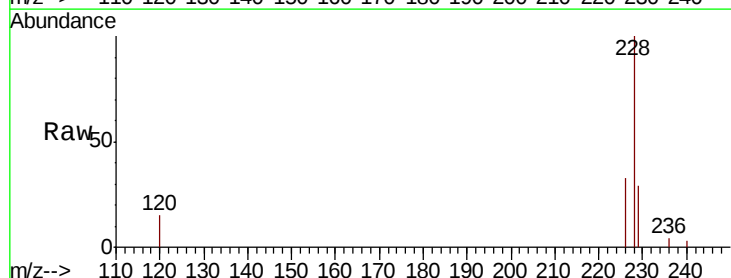
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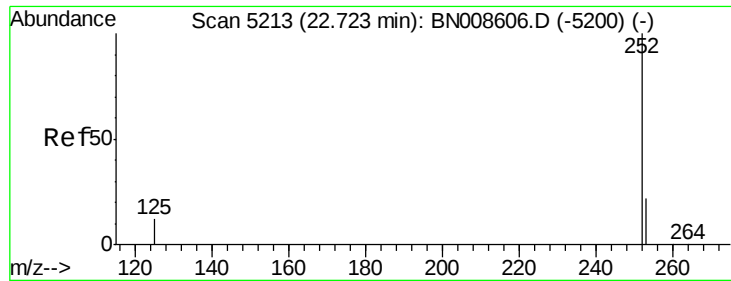
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#19
Chrysene
Concen: 1.240 ng/ul
RT: 21.23 min Scan# 4701
Delta R.T. -0.00 min
Lab File: BN008618.D
Acq: 18 Nov 2019 23:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.5	36.7
229	29.1	15.5	23.3#





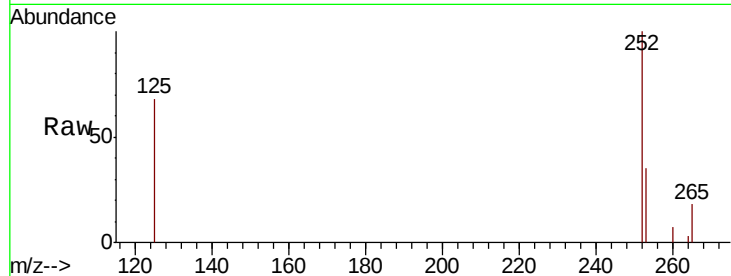
#21
Benzo(b)fluoranthene
Concen: 1.341 ng/ul m
RT: 22.73 min Scan# 5214
Delta R.T. 0.00 min
Lab File: BN008618.D
Acq: 18 Nov 2019 23:44

Instrument :
BNA_N
ClientSampleId :
JLMA1MSD

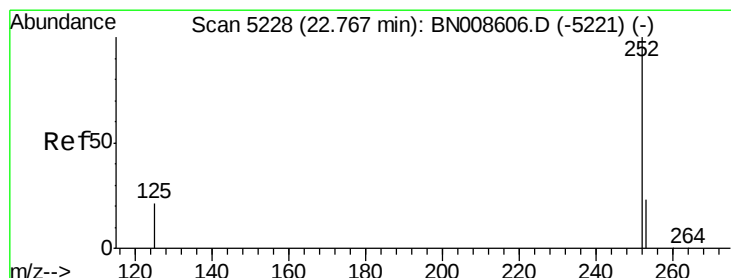
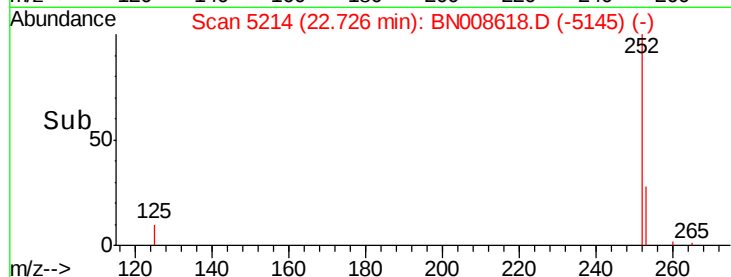
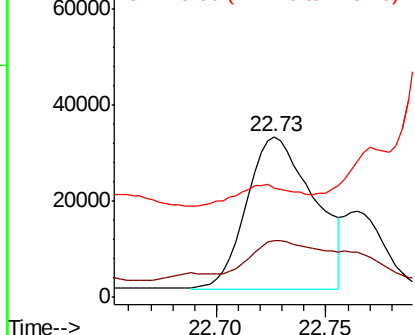
Tot Ion	Ratio	Lower	Upper
252	100		
253	35.4	0.0	50.2
125	68.2	0.0	30.0#

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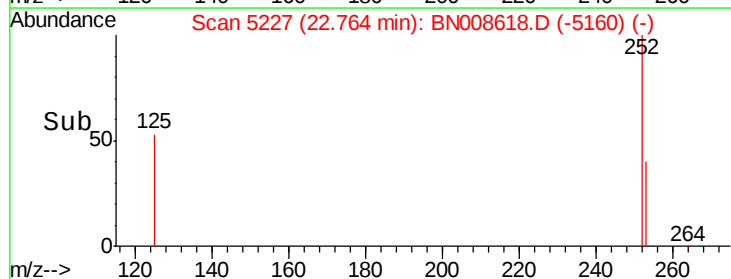
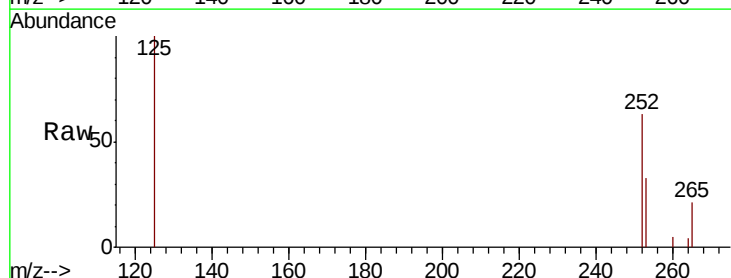
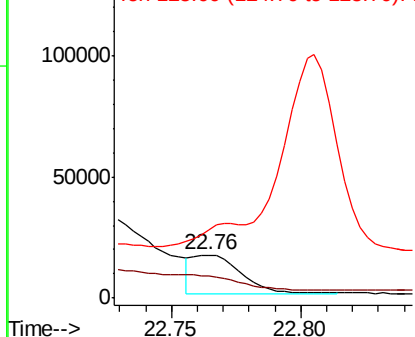
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

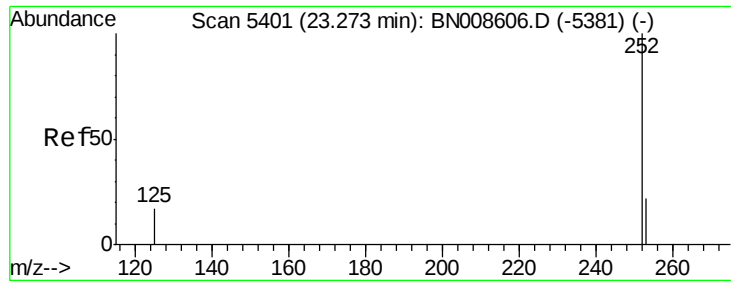


#22
Benzo(k)fluoranthene
Concen: 0.411 ng/ul m
RT: 22.76 min Scan# 5227
Delta R.T. -0.00 min
Lab File: BN008618.D
Acq: 18 Nov 2019 23:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	52.2	20.5	30.7#
125	157.7	15.0	22.4#

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





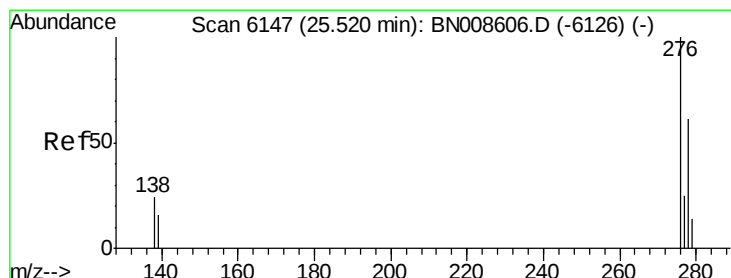
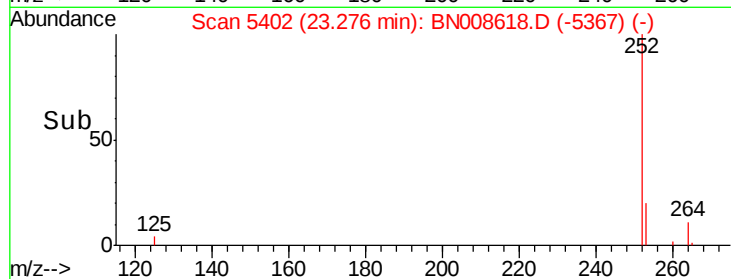
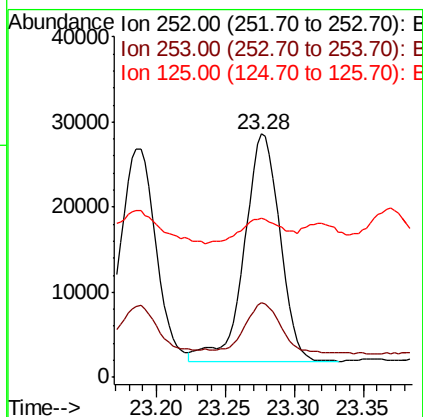
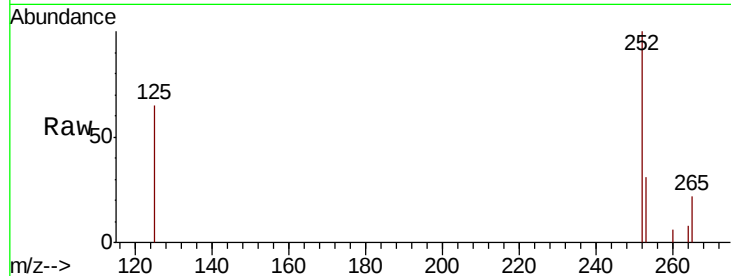
#23
Benzo(a)pyrene
Concen: 1.003 ng/ul
RT: 23.28 min Scan# 5402
Delta R.T. 0.00 min
Lab File: BN008618.D
Acq: 18 Nov 2019 23:44

Instrument :
BNA_N
ClientSampleId :
JLMA1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.5	21.4	32.2
125	65.3	13.8	20.8#

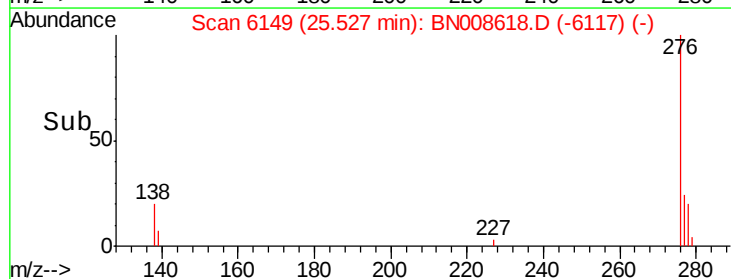
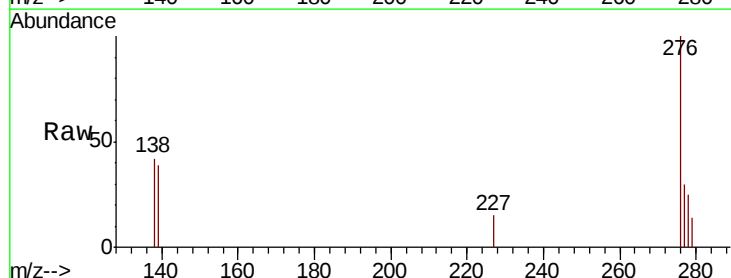
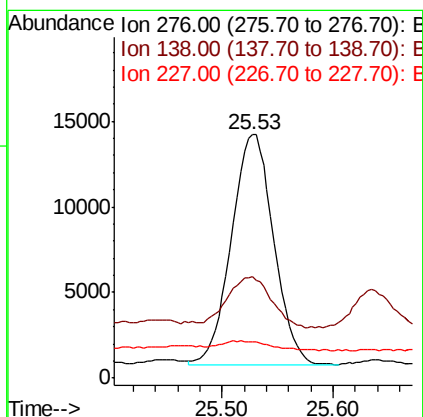
Manual Integrations
APPROVED

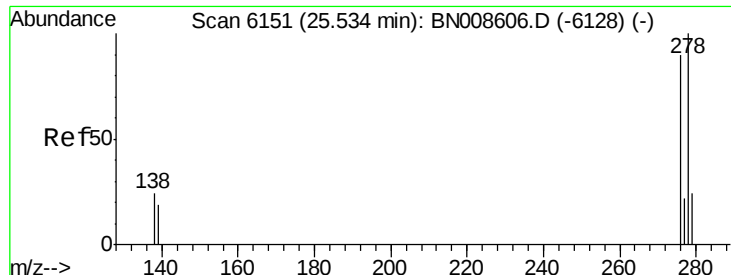
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.631 ng/ul
RT: 25.53 min Scan# 6149
Delta R.T. 0.01 min
Lab File: BN008618.D
Acq: 18 Nov 2019 23:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.6	21.7	32.5
227	4.8	0.2	0.2#





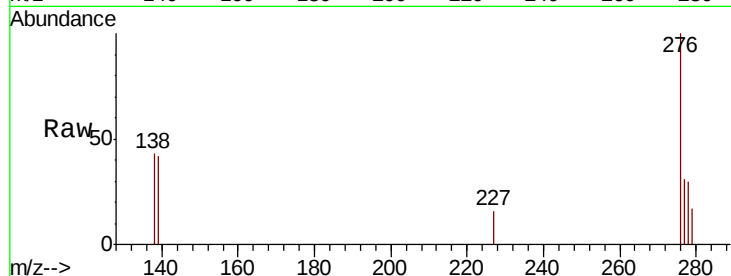
#25
Dibenzo(a,h)anthracene
Concen: 0.203 ng/u1
RT: 25.54 min Scan# 6152
Delta R.T. 0.00 min
Lab File: BN008618.D
Acq: 18 Nov 2019 23:44

Instrument :
BNA_N
ClientSampleId :
JLMA1MSD

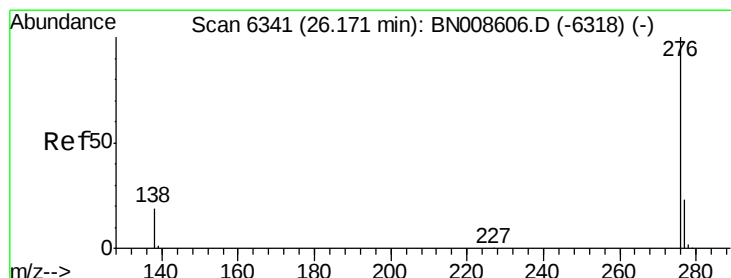
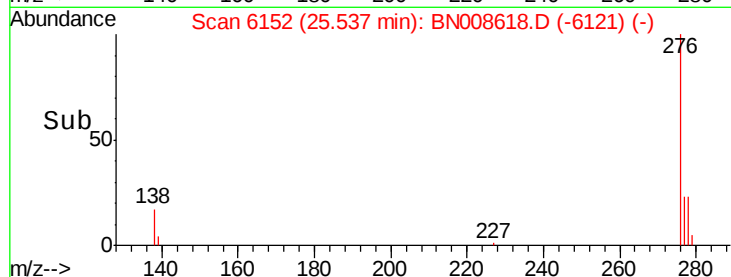
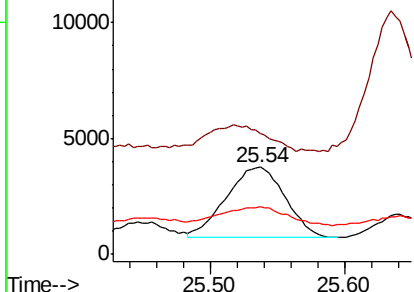
Tot Ion	Ratio	Lower	Upper
278	100		
139	138.5	18.7	28.1#
279	55.1	20.8	31.2#

Manual Integrations
APPROVED

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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: 0.865 ng/u1
RT: 26.18 min Scan# 6345
Delta R.T. 0.01 min
Lab File: BN008618.D
Acq: 18 Nov 2019 23:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	38.6	20.0	30.0#
277	28.9	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

