

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111819\
 Data File : BN008610.D
 Acq On : 18 Nov 2019 18:55
 Operator : JU
 Sample : K5678-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM85

Manual Integrations
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Quant Time: Nov 19 02:51:46 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	2659	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	9564	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	5729	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	11232	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	9126	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	9772	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	3698	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	9023	0.26	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	7318	0.254	ng/ul	97
5) 2-Methylnaphthalene	12.06	142	6377	0.317	ng/ul	99
7) Acenaphthylene	13.97	152	4185	0.132	ng/ul#	73
8) Acenaphthene	14.32	153	590	0.025	ng/ul#	83
9) Fluorene	15.31	166	1208	0.044	ng/ul#	44
11) Pentachlorophenol	16.65	266	132664	31.208	ng/ul	99
12) Phenanthrene	17.04	178	22210	0.586	ng/ul#	92
13) Anthracene	17.13	178	4997	0.140	ng/ul#	59
15) Fluoranthene	19.06	202	34886	0.750	ng/ul	95
17) Pyrene	19.42	202	45112	1.232	ng/ul	99
18) Benzo(a)anthracene	21.18	228	25718	0.701	ng/ul#	73
19) Chrysene	21.23	228	48672	1.350	ng/ul#	85
21) Benzo(b)fluoranthene	22.73	252	34469m	0.855	ng/ul	
22) Benzo(k)fluoranthene	22.77	252	11436m	0.286	ng/ul	
23) Benzo(a)pyrene	23.28	252	40316	1.066	ng/ul#	36
24) Indeno(1,2,3-cd)pyrene	25.54	276	20448	0.462	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.55	278	8014	0.224	ng/ul#	1
26) Benzo(g,h,i)perylene	26.20	276	47634	1.287	ng/ul#	75

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

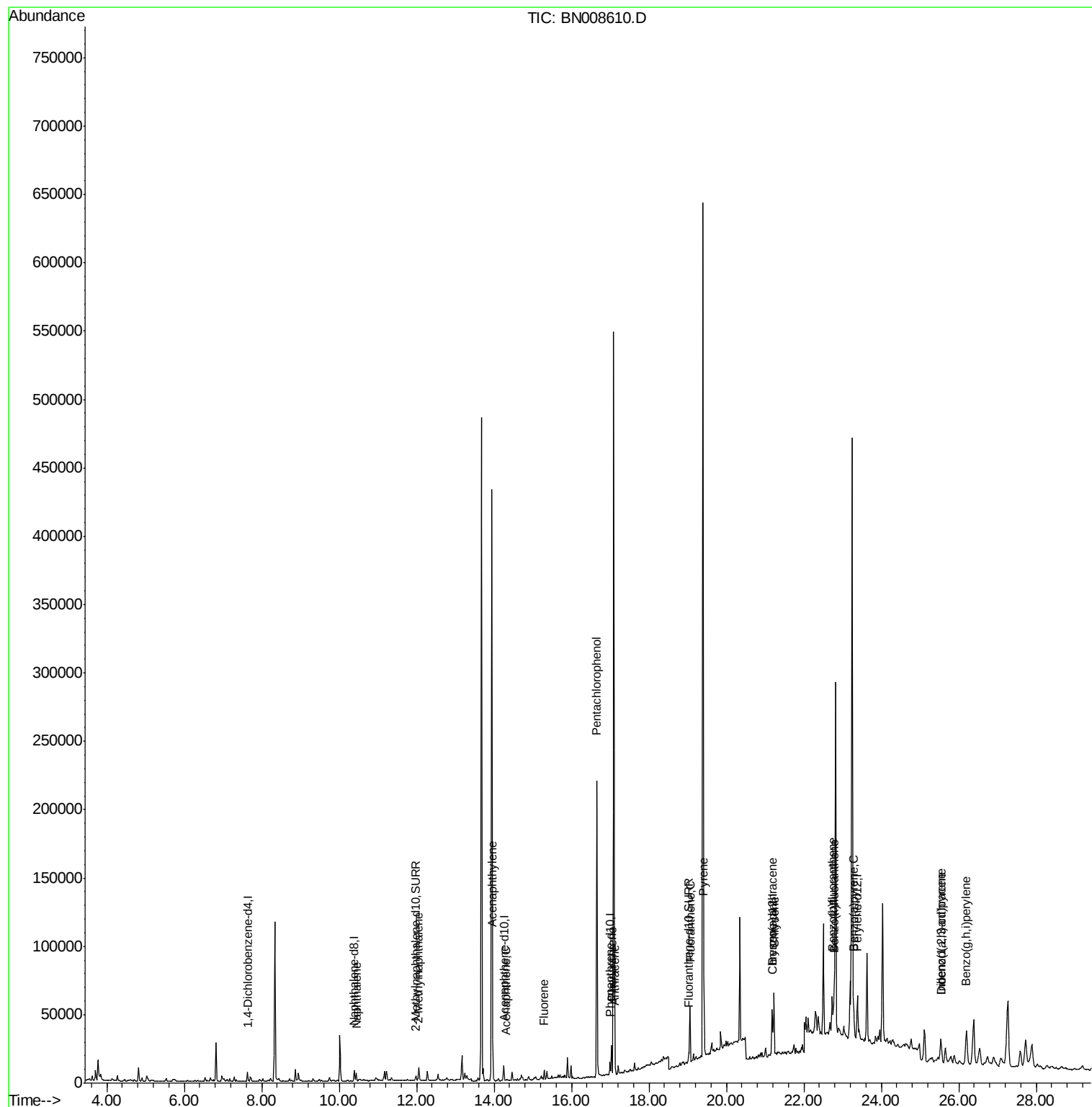
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111819\
Data File : BN008610.D
Acq On : 18 Nov 2019 18:55
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ALS Vial : 16 Sample Multiplier: 1

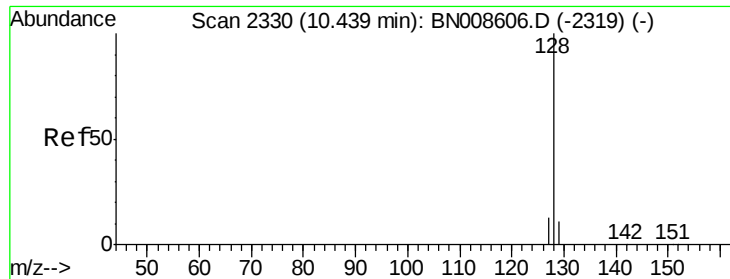
Instrument :
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Quant Time: Nov 19 02:51:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

Naphthalene

Concen: 0.254 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BN008610.D

Acq: 18 Nov 2019 18:55

Instrument :

BNA_N

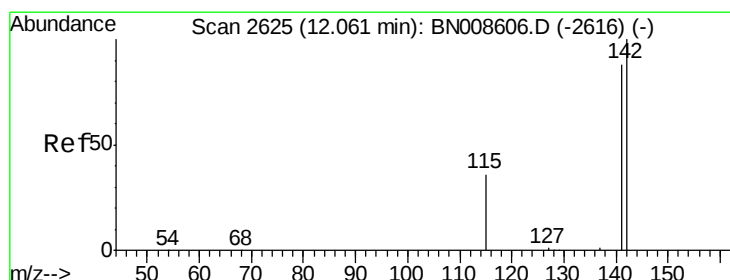
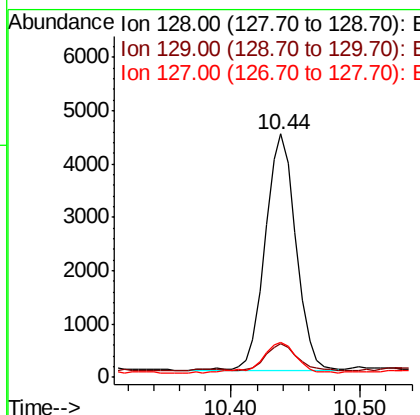
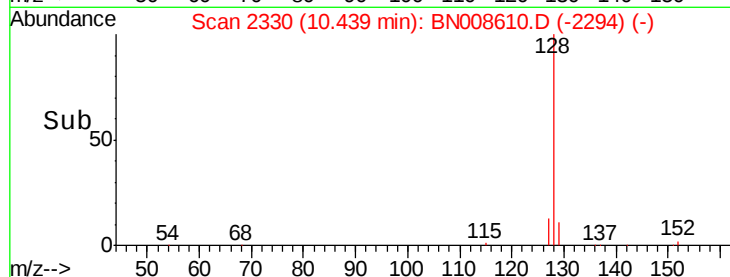
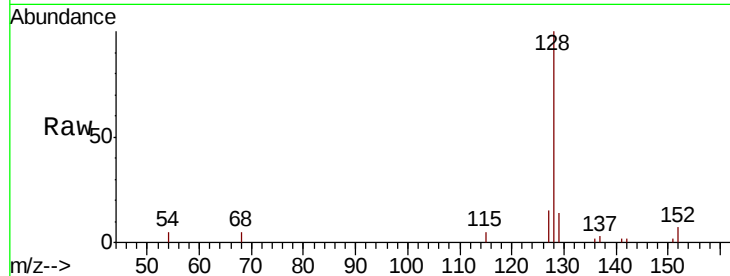
ClientSampleId :

JLM85

Tot Ion:128	Resp:	7318
Ion Ratio	Lower	Upper
128	100	
129	13.8	9.7 14.5
127	14.5	10.8 16.2

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#5

2-Methylnaphthalene

Concen: 0.317 ng/ul

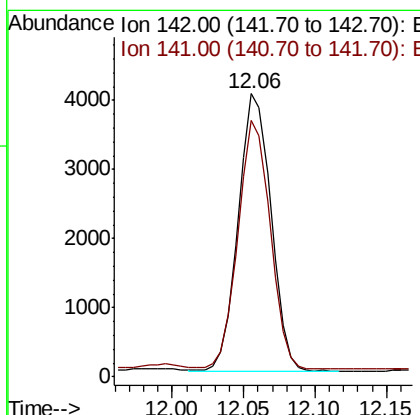
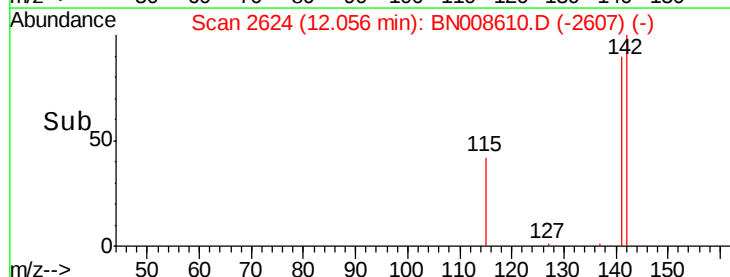
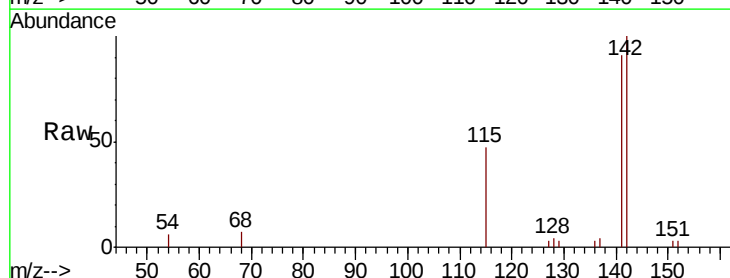
RT: 12.06 min Scan# 2624

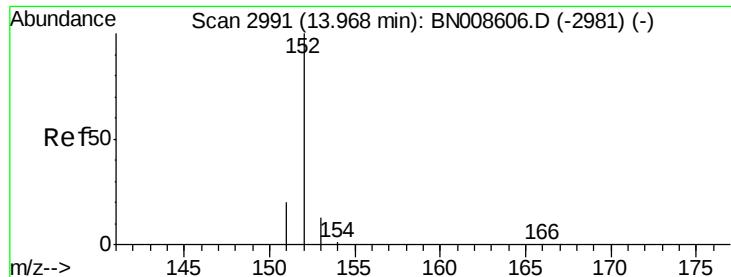
Delta R.T. -0.01 min

Lab File: BN008610.D

Acq: 18 Nov 2019 18:55

Tgt Ion:142	Resp:	6377
Ion Ratio	Lower	Upper
142	100	
141	88.7	70.5 105.7





#7

Acenaphthylene

Concen: 0.132 ng/ul

RT: 13.97 min Scan# 2991

Delta R.T. -0.00 min

Lab File: BN008610.D

Acq: 18 Nov 2019 18:55

Instrument :

BNA_N

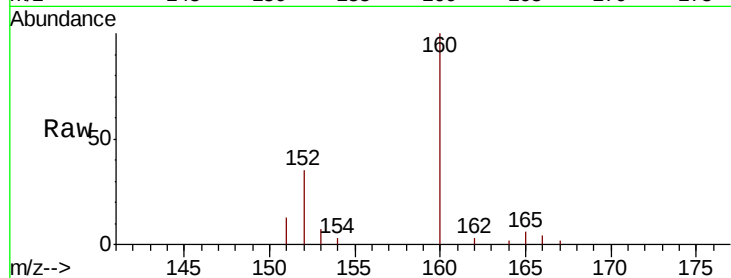
ClientSampleId :

JLM85

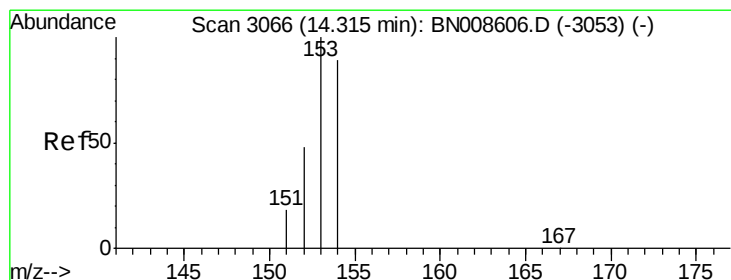
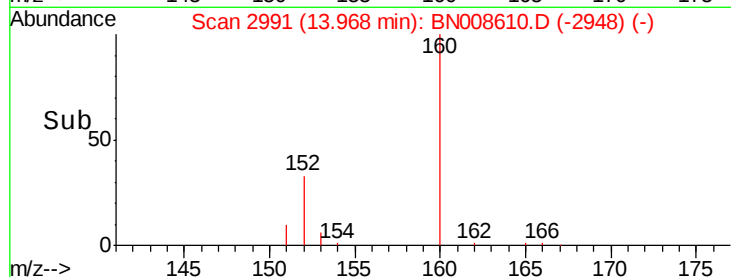
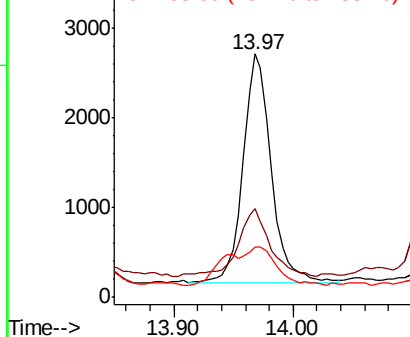
Tot Ion:	152	Resp:	4185
Ion Ratio	Lower	Upper	
152	100		
151	36.3	16.6	24.8#
153	20.8	11.1	16.7#

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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: 0.025 ng/ul

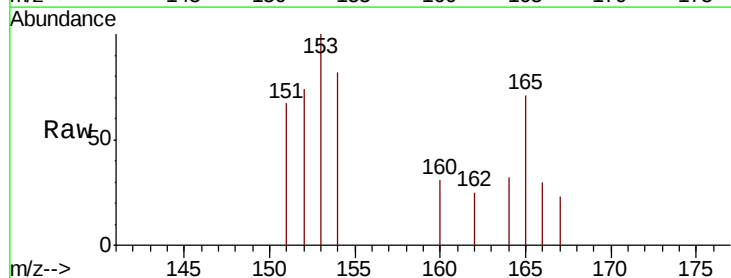
RT: 14.32 min Scan# 3066

Delta R.T. -0.00 min

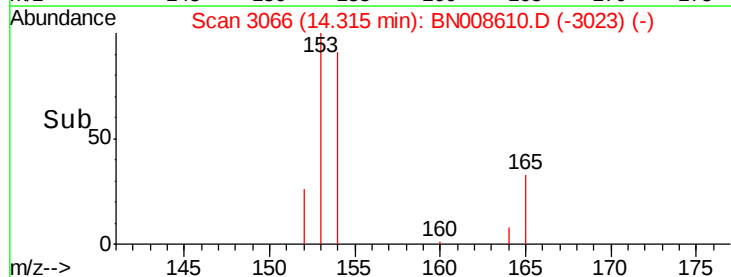
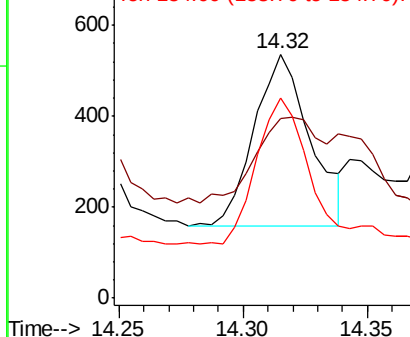
Lab File: BN008610.D

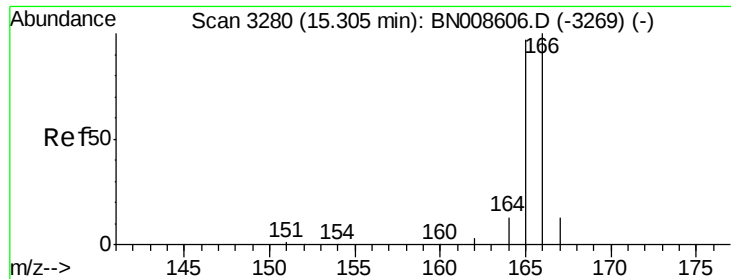
Acq: 18 Nov 2019 18:55

Tgt Ion:	153	Resp:	590
Ion Ratio	Lower	Upper	
153	100		
152	73.7	39.6	59.4#
154	82.1	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





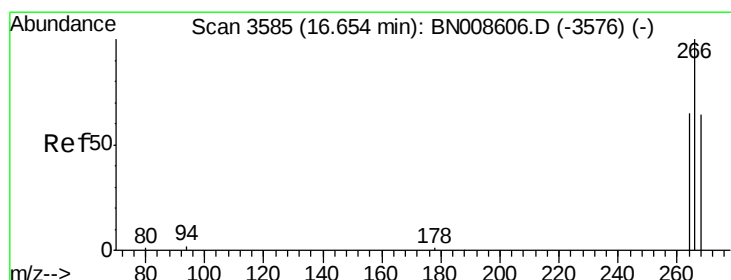
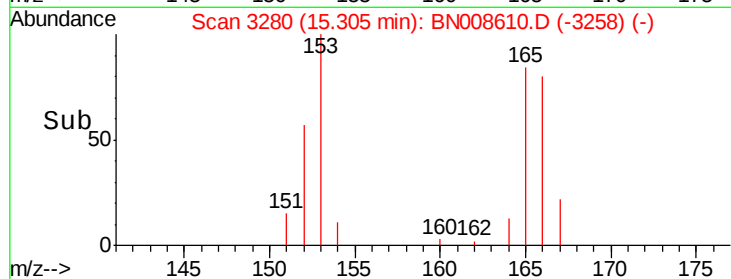
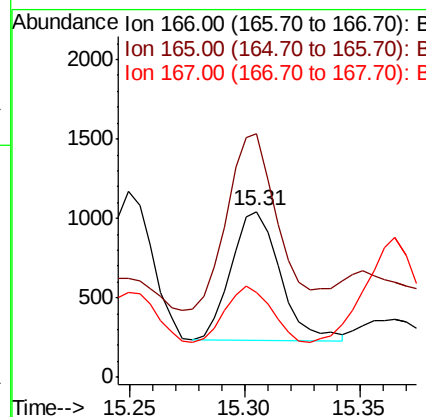
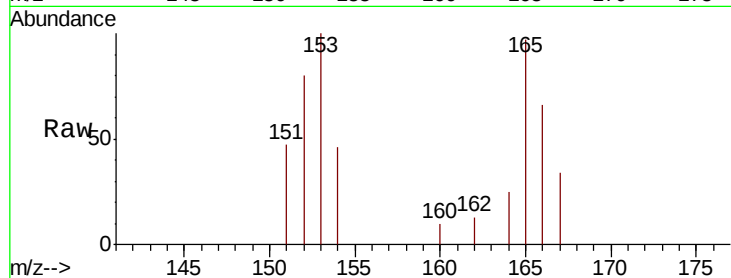
#9
Fluorene
 Concen: 0.044 ng/ul
 RT: 15.31 min Scan# 3280
 Delta R.T. -0.00 min
 Lab File: BN008610.D
 Acq: 18 Nov 2019 18:55

Instrument :
 BNA_N
 ClientSampleId :
 JLM85

Tot Ion	Ratio	Lower	Upper
166	100		
165	147.0	77.4	116.0#
167	51.2	11.4	17.0#

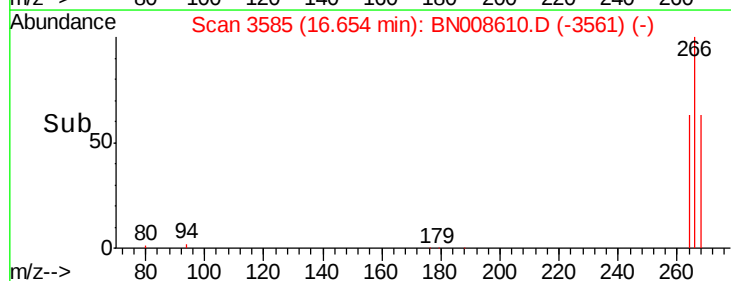
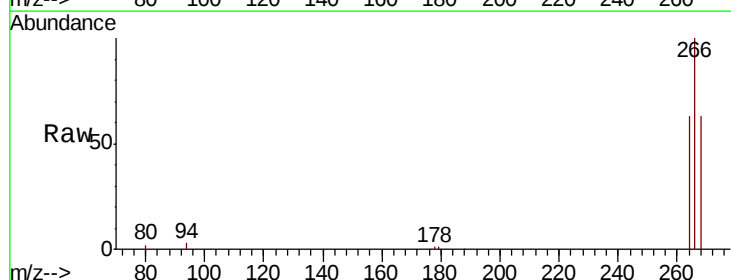
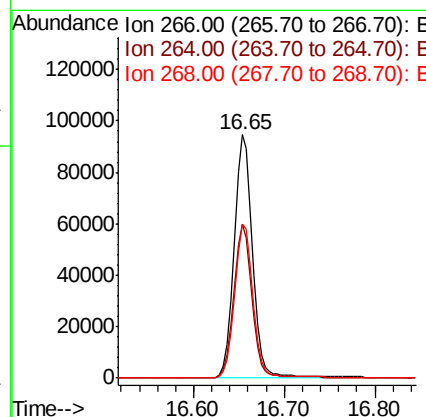
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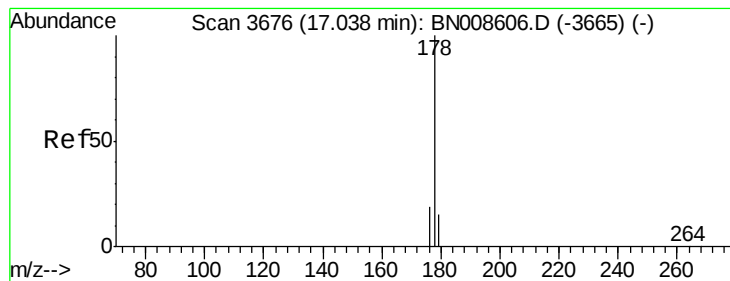
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#11
Pentachlorophenol
 Concen: 31.208 ng/ul
 RT: 16.65 min Scan# 3585
 Delta R.T. -0.00 min
 Lab File: BN008610.D
 Acq: 18 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.2	73.8
268	63.8	50.9	76.3





#12

Phenanthrene

Concen: 0.586 ng/ul

RT: 17.04 min Scan# 3676

Delta R.T. -0.00 min

Lab File: BN008610.D

Acq: 18 Nov 2019 18:55

Instrument :

BNA_N

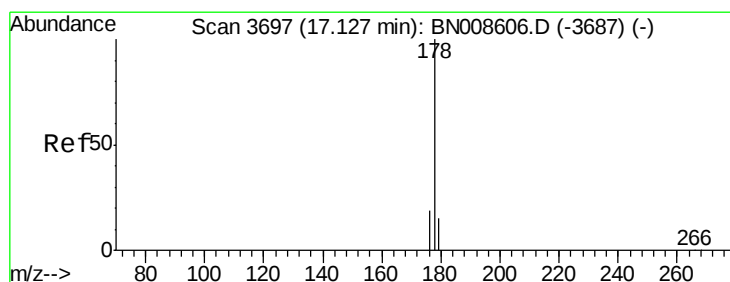
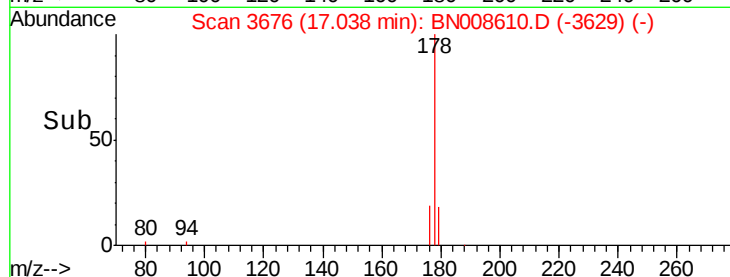
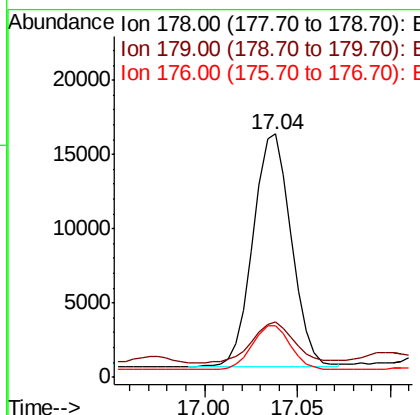
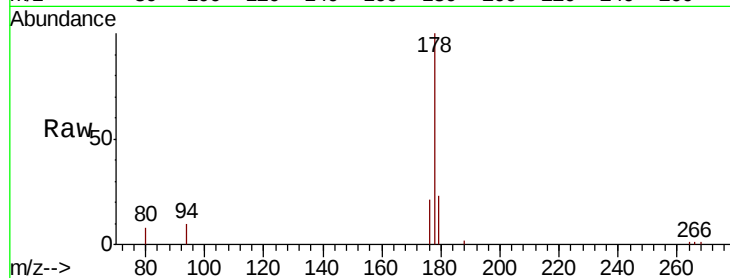
ClientSampleId :

JLM85

Tot Ion:	178	Resp:	22210
Ion Ratio	Lower	Upper	
178	100		
179	22.7	12.8	19.2#
176	21.1	16.0	24.0

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#13

Anthracene

Concen: 0.140 ng/ul

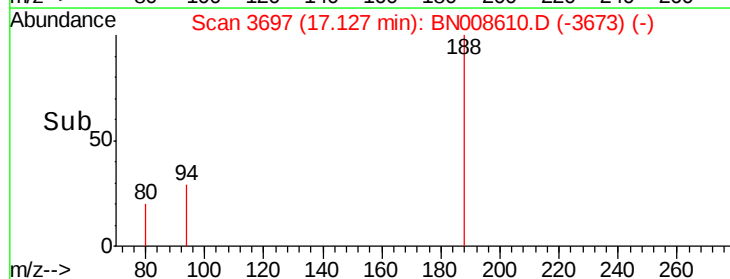
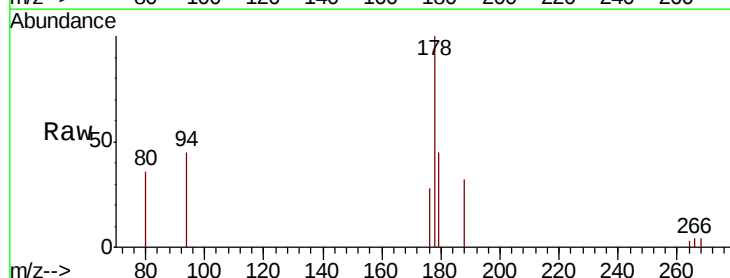
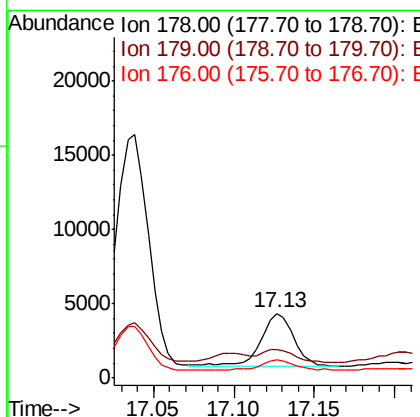
RT: 17.13 min Scan# 3697

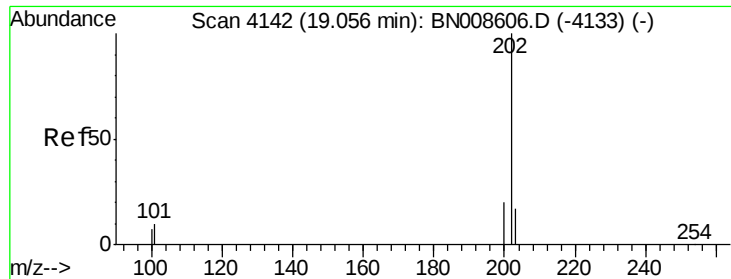
Delta R.T. -0.00 min

Lab File: BN008610.D

Acq: 18 Nov 2019 18:55

Tgt Ion:	178	Resp:	4997
Ion Ratio	Lower	Upper	
178	100		
179	44.8	13.0	19.4#
176	28.1	15.3	22.9#





#15

Fluoranthene

Concen: 0.750 ng/ul

RT: 19.06 min Scan# 4143

Delta R.T. 0.00 min

Lab File: BN008610.D

Acq: 18 Nov 2019 18:55

Instrument :

BNA_N

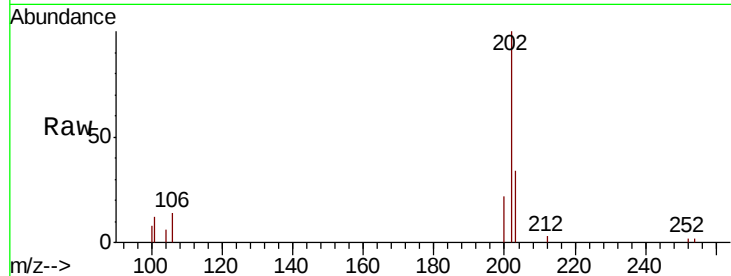
ClientSampleId :

JLM85

Tot Ion:	202	Resp:	34886
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	29.6
100	8.0	0.0	27.0

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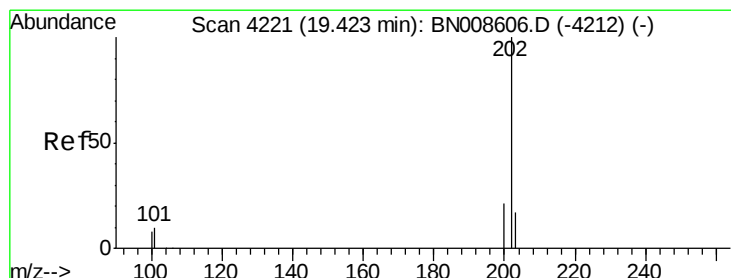
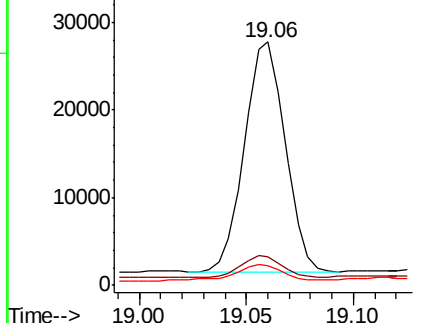
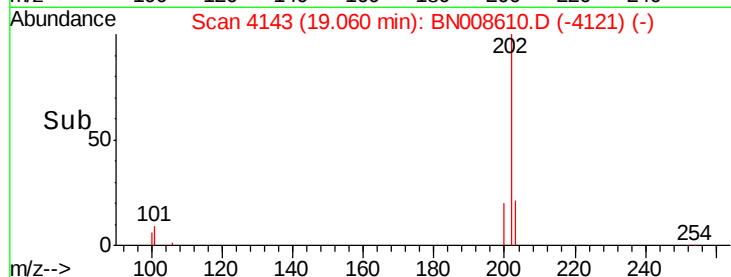
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 1.232 ng/ul

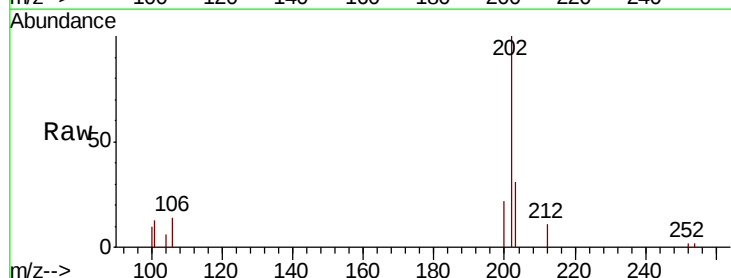
RT: 19.42 min Scan# 4221

Delta R.T. -0.00 min

Lab File: BN008610.D

Acq: 18 Nov 2019 18:55

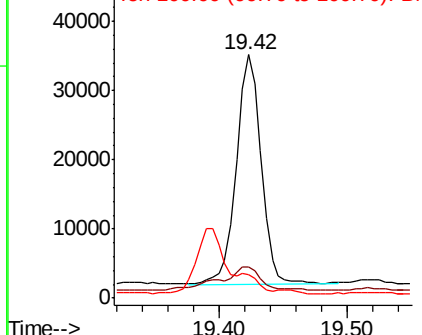
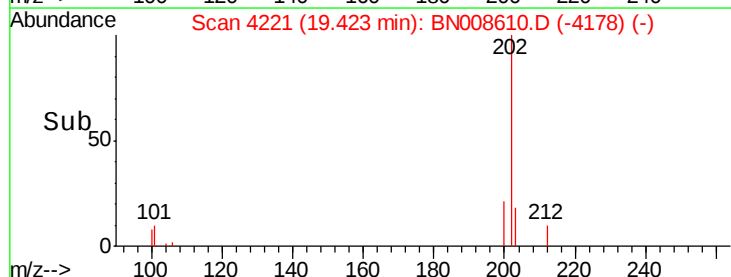
Tgt Ion:	202	Resp:	45112
Ion Ratio	Lower	Upper	
202	100		
101	12.9	10.2	15.2
100	9.8	8.2	12.2

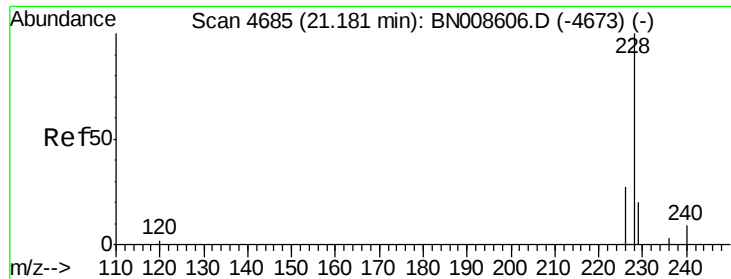


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





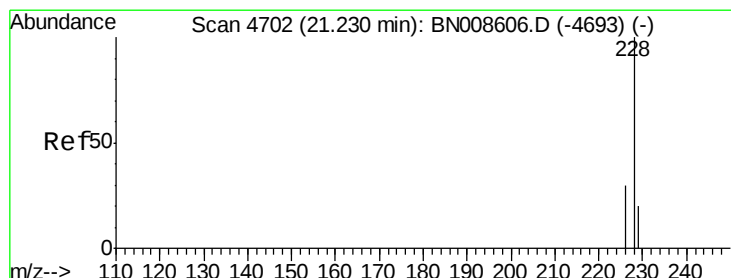
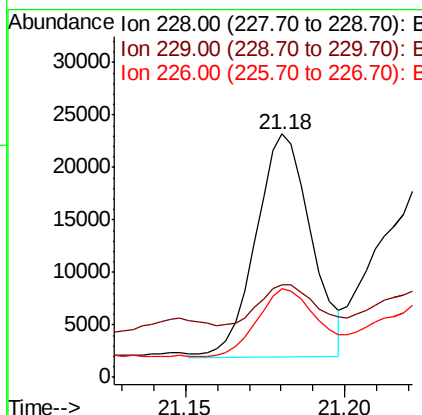
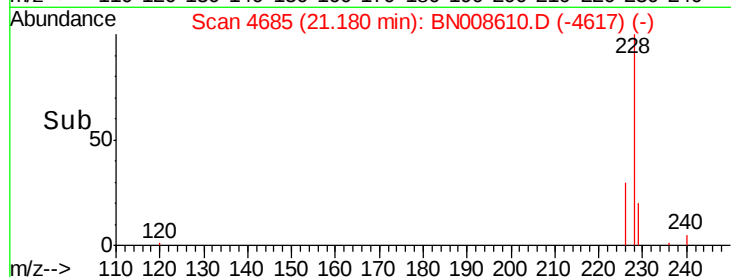
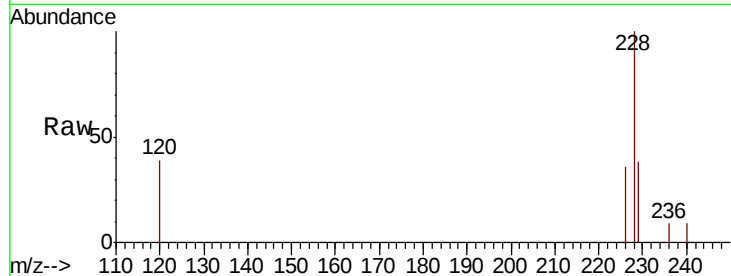
#18
Benzo(a)anthracene
Concen: 0.701 ng/ul
RT: 21.18 min Scan# 4685
Delta R.T. -0.00 min
Lab File: BN008610.D
Acq: 18 Nov 2019 18:55

Instrument :
BNA_N
ClientSampleId :
JLM85

Tot Ion	Ratio	Lower	Upper
228	100		
229	38.2	15.8	23.6#
226	36.2	21.6	32.4#

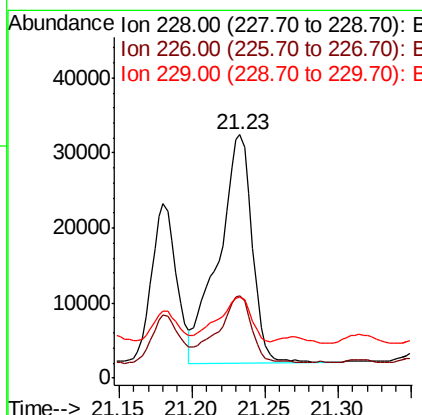
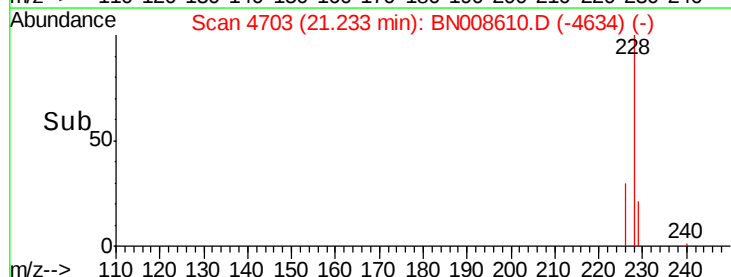
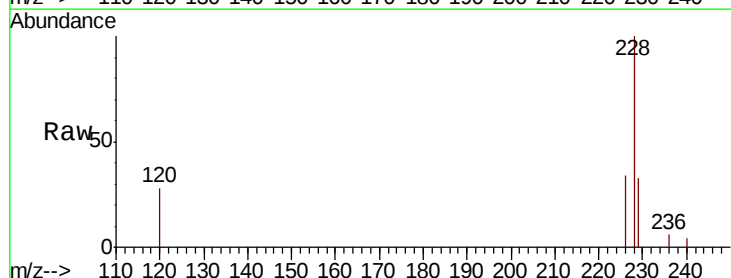
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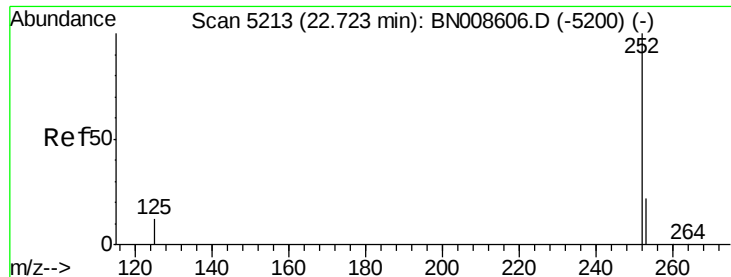
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#19
Chrysene
Concen: 1.350 ng/ul
RT: 21.23 min Scan# 4703
Delta R.T. 0.00 min
Lab File: BN008610.D
Acq: 18 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.9	24.5	36.7
229	33.2	15.5	23.3#





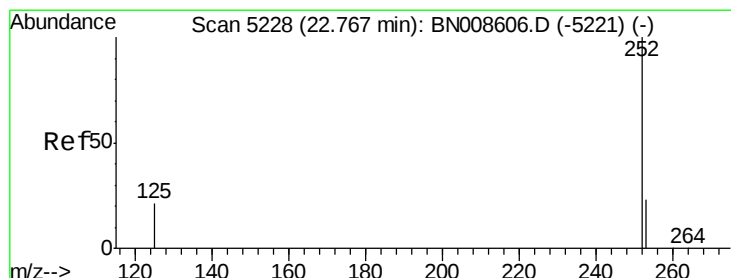
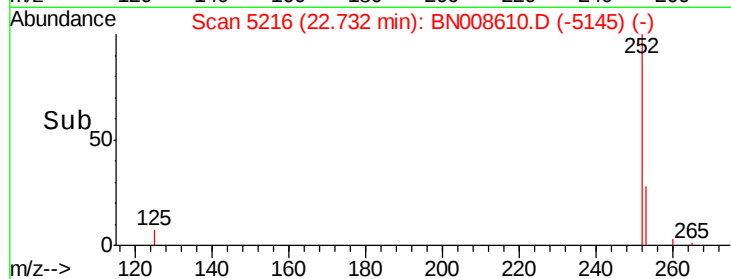
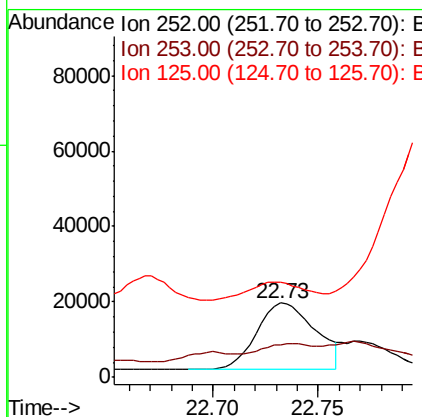
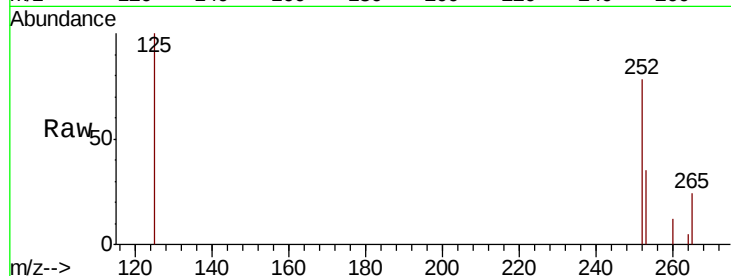
#21
Benzo(b)fluoranthene
Concen: 0.855 ng/ul m
RT: 22.73 min Scan# 5216
Delta R.T. 0.01 min
Lab File: BN008610.D
Acq: 18 Nov 2019 18:55

Instrument :
BNA_N
ClientSampleId :
JLM85

Tot Ion	Ratio	Lower	Upper
252	100		
253	44.3	0.0	50.2
125	127.5	0.0	30.0#

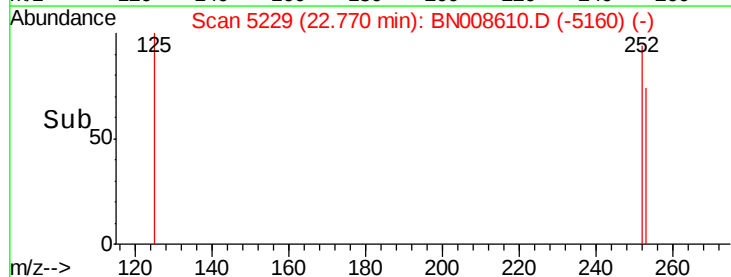
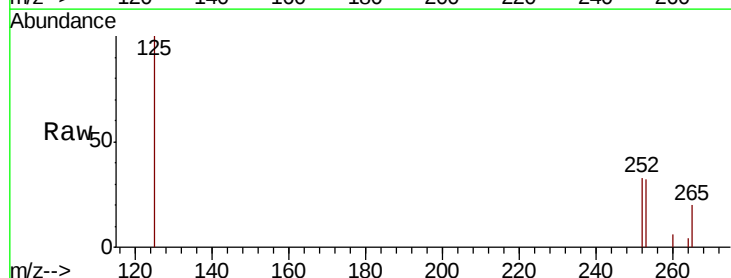
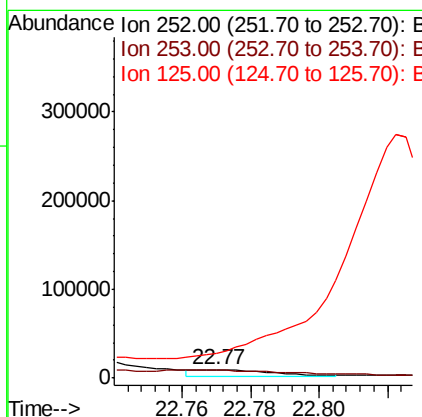
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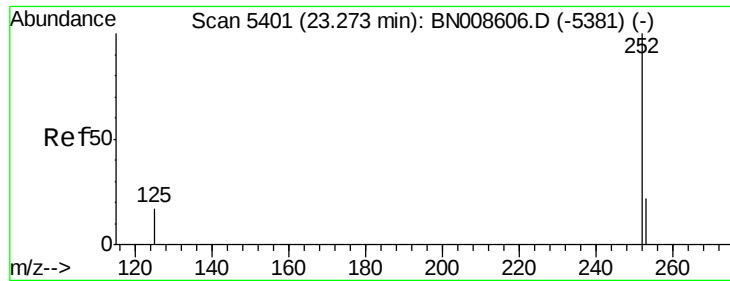
mohammad
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#22
Benzo(k)fluoranthene
Concen: 0.286 ng/ul m
RT: 22.77 min Scan# 5229
Delta R.T. 0.00 min
Lab File: BN008610.D
Acq: 18 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	97.2	20.5	30.7#
125	300.1	15.0	22.4#





#23

Benzo(a)pyrene

Concen: 1.066 ng/ul

RT: 23.28 min Scan# 5405

Delta R.T. 0.01 min

Lab File: BN008610.D

Acq: 18 Nov 2019 18:55

Instrument :

BNA_N

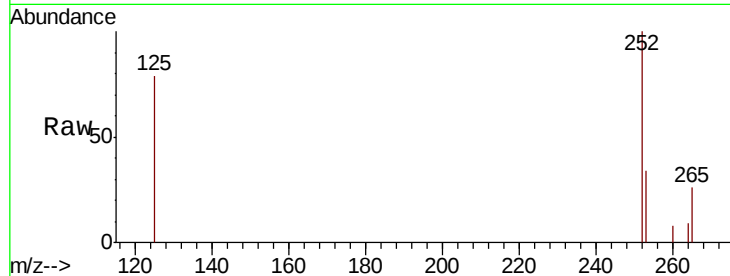
ClientSampleId :

JLM85

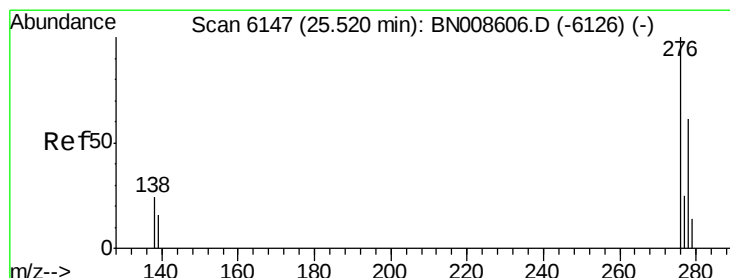
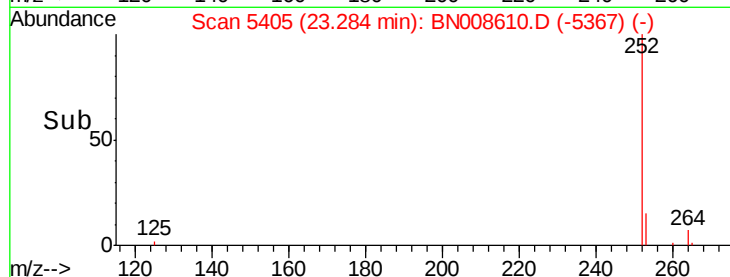
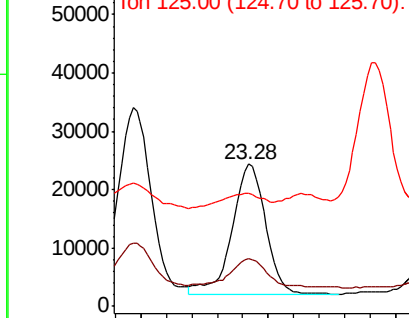
Tot Ion:	252	Resp:	40316
Ion Ratio	Lower	Upper	
252	100		
253	33.8	21.4	32.2#
125	79.1	13.8	20.8#

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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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.462 ng/ul

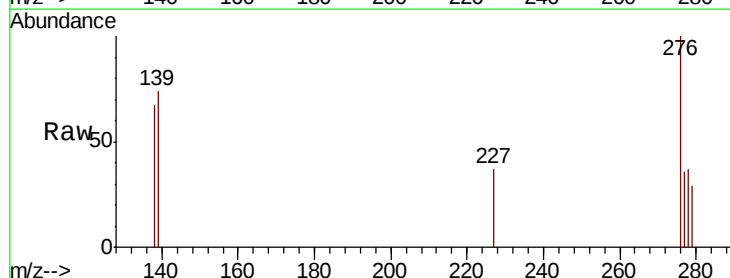
RT: 25.54 min Scan# 6153

Delta R.T. 0.02 min

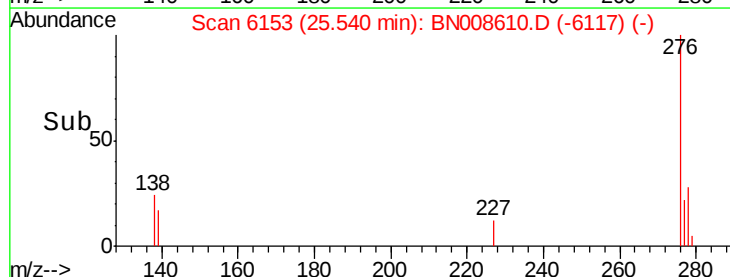
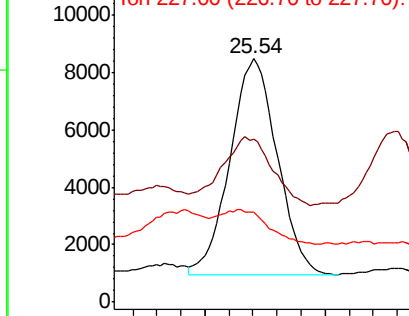
Lab File: BN008610.D

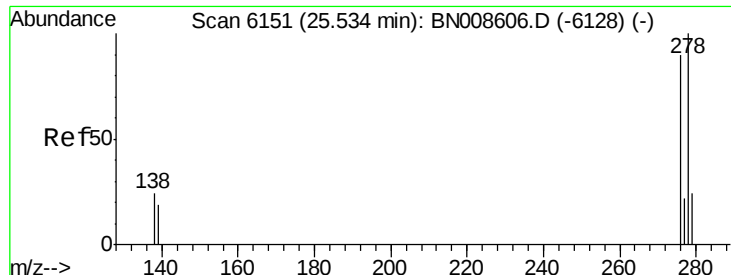
Acq: 18 Nov 2019 18:55

Tgt Ion:	276	Resp:	20448
Ion Ratio	Lower	Upper	
276	100		
138	33.8	21.7	32.5#
227	34.6	0.2	0.2#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E





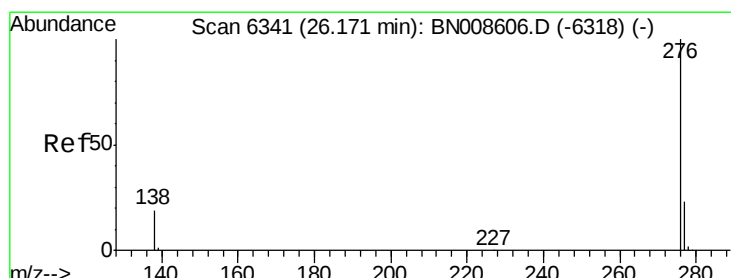
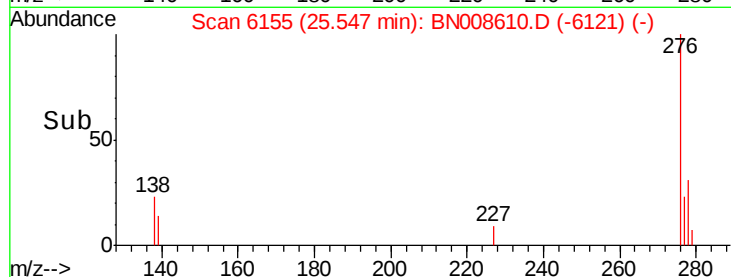
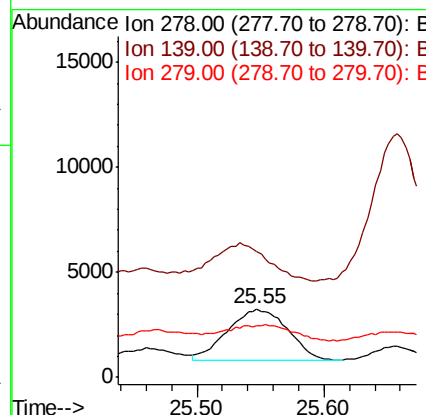
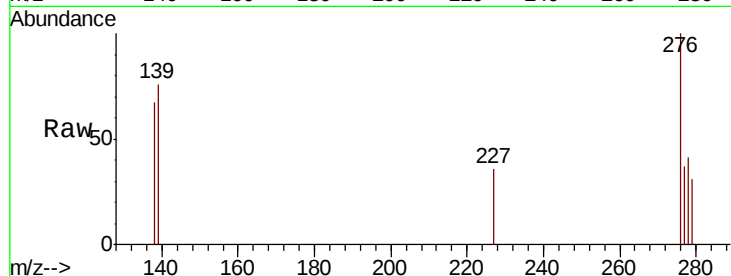
#25
Dibenzo(a,h)anthracene
Concen: 0.224 ng/u1
RT: 25.55 min Scan# 6155
Delta R.T. 0.01 min
Lab File: BN008610.D
Acq: 18 Nov 2019 18:55

Instrument :
BNA_N
ClientSampleId :
JLM85

Tot Ion	Ratio	Lower	Upper
278	100		
139	184.5	18.7	28.1#
279	75.9	20.8	31.2#

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#26
Benzo(g,h,i)perylene
Concen: 1.287 ng/u1
RT: 26.20 min Scan# 6350
Delta R.T. 0.03 min
Lab File: BN008610.D
Acq: 18 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	45.3	20.0	30.0#
277	29.8	20.0	30.0

