

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111919\
 Data File : BN008626.D
 Acq On : 19 Nov 2019 12:37
 Operator : JU
 Sample : K5678-08DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM81DL

Manual Integrations
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Quant Time: Nov 19 13:40:45 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	3586	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	13195	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	7520	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	15104	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	11686	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	12322	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	983	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	2479	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	1445	0.036	ng/ul#	83
5) 2-Methylnaphthalene	12.06	142	801	0.029	ng/ul	99
7) Acenaphthylene	13.96	152	2055	0.049	ng/ul#	92
11) Pentachlorophenol	16.65	266	188	0.033	ng/ul	97
12) Phenanthrene	17.03	178	10128	0.199	ng/ul#	91
13) Anthracene	17.12	178	1697	0.035	ng/ul#	52
15) Fluoranthene	19.06	202	18340	0.293	ng/ul	95
17) Pyrene	19.42	202	19475	0.415	ng/ul	98
18) Benzo(a)anthracene	21.17	228	8120	0.173	ng/ul#	79
19) Chrysene	21.23	228	12572	0.272	ng/ul#	87
21) Benzo(b)fluoranthene	22.72	252	19086m	0.376	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	8511m	0.169	ng/ul	
23) Benzo(a)pyrene	23.27	252	11121	0.233	ng/ul#	14
24) Indeno(1,2,3-cd)pyrene	25.52	276	9731	0.174	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.53	278	2278	0.051	ng/ul#	1
26) Benzo(a,h,i)perylene	26.17	276	9611	0.206	ng/ul#	59

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

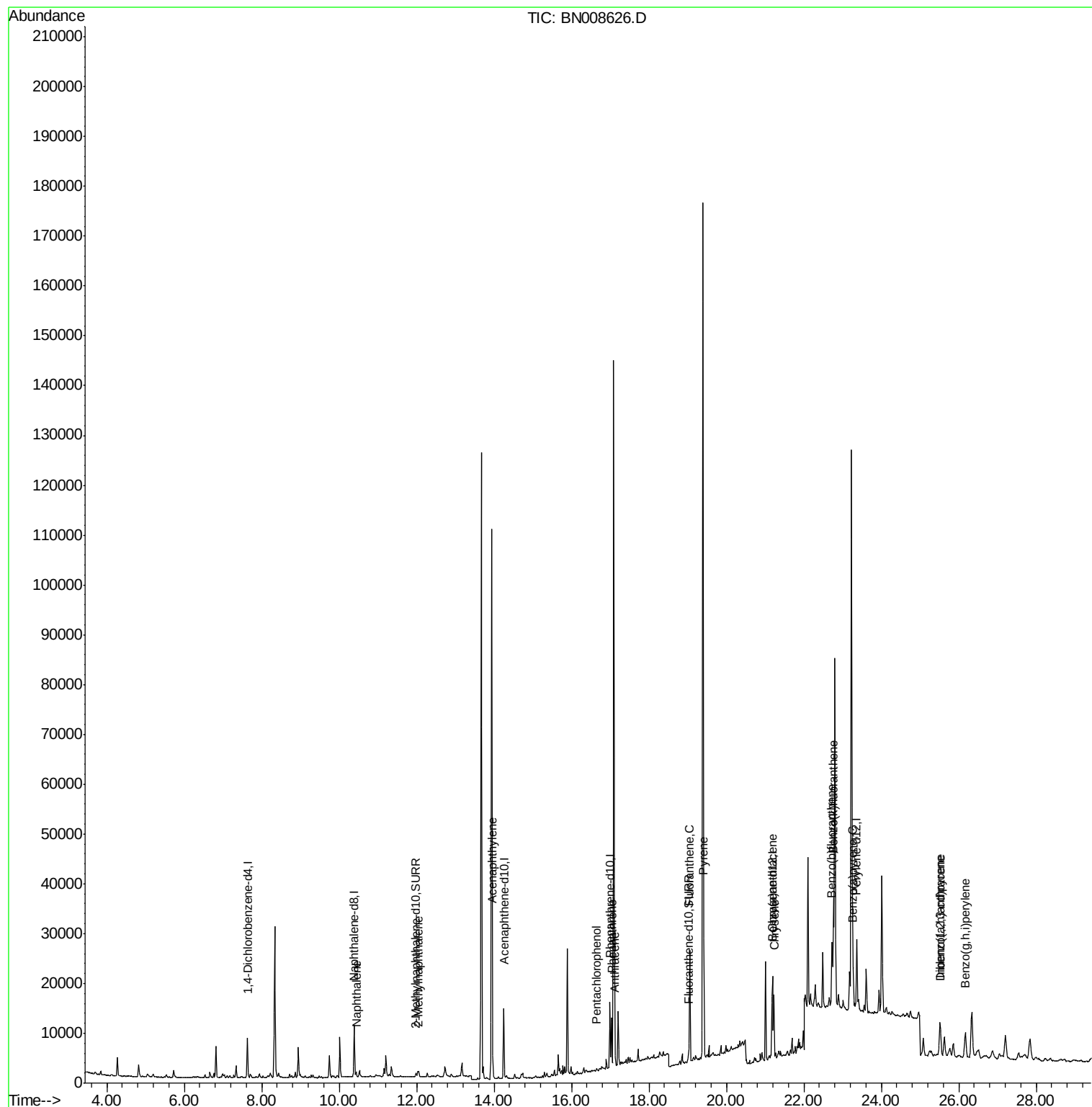
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111919\
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ALS Vial : 4 Sample Multiplier: 1

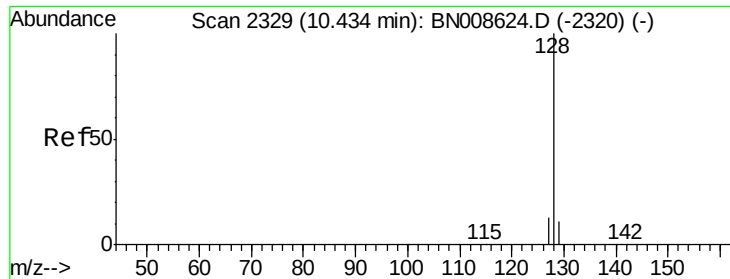
Instrument :
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JLM81DL

Quant Time: Nov 19 13:40:45 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: 0.036 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BN008626.D

Acq: 19 Nov 2019 12:37

Instrument :

BNA_N

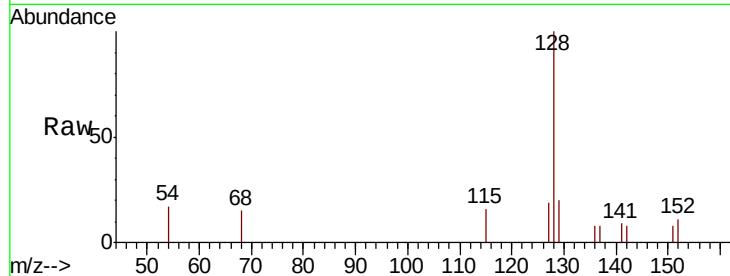
ClientSampleId :

JLM81DL

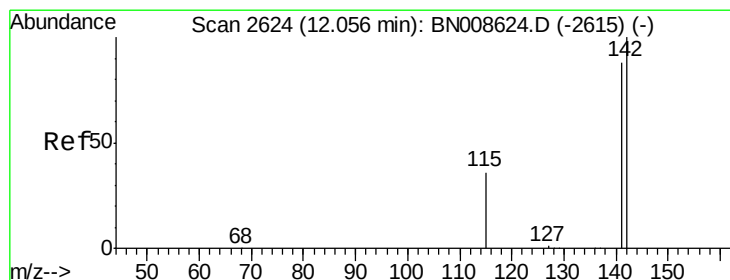
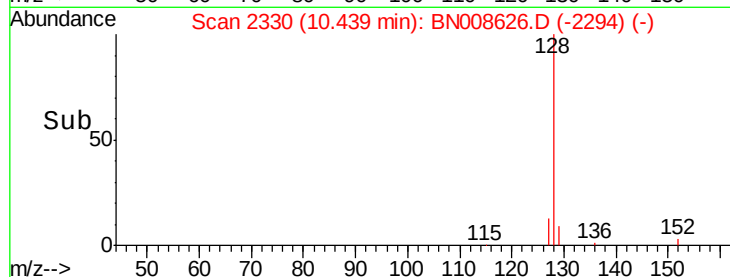
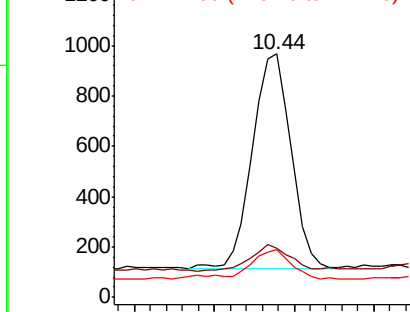
Tot Ion:128	Resp:	1445
Ion Ratio	Lower	Upper
128	100	
129	20.0	9.7 14.5#
127	19.4	10.8 16.2#

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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: 0.029 ng/ul

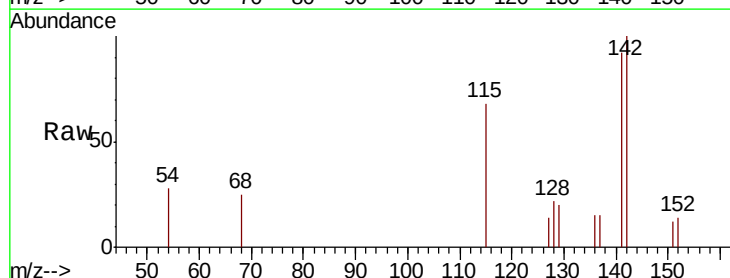
RT: 12.06 min Scan# 2624

Delta R.T. -0.01 min

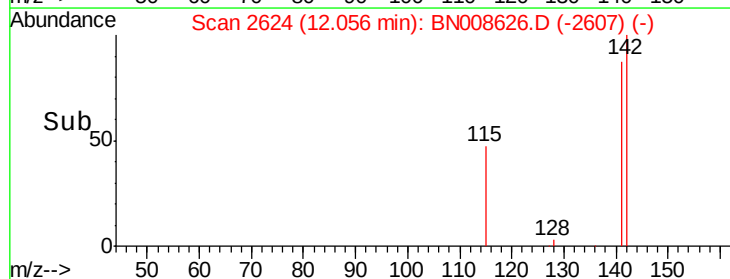
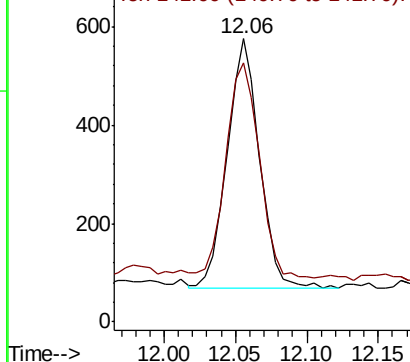
Lab File: BN008626.D

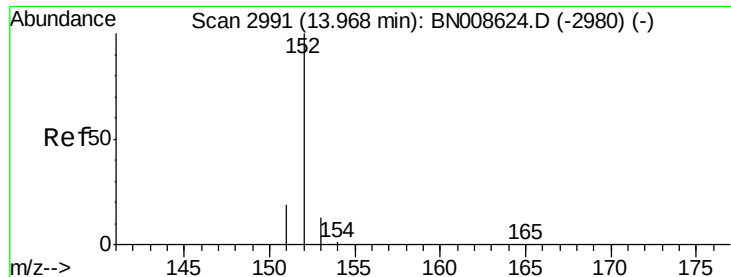
Acq: 19 Nov 2019 12:37

Tgt Ion:142	Resp:	801
Ion Ratio	Lower	Upper
142	100	
141	88.6	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: 0.049 ng/ul

RT: 13.96 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BN008626.D

Acq: 19 Nov 2019 12:37

Instrument :

BNA_N

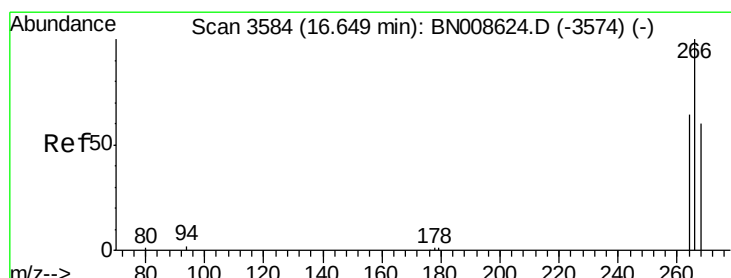
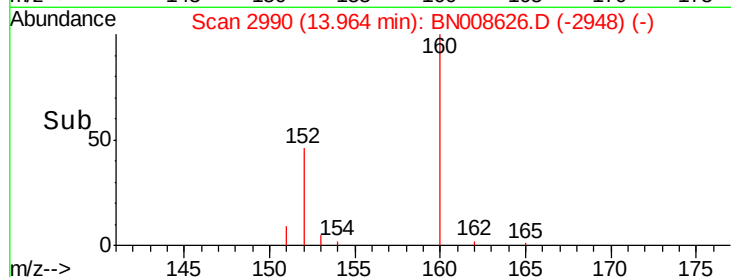
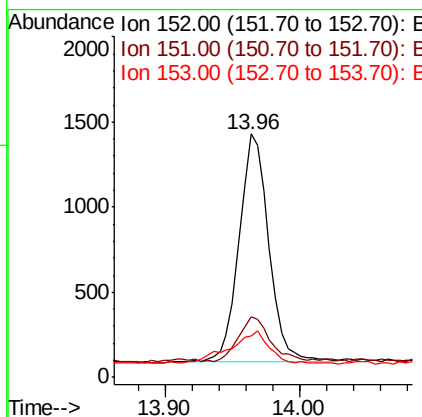
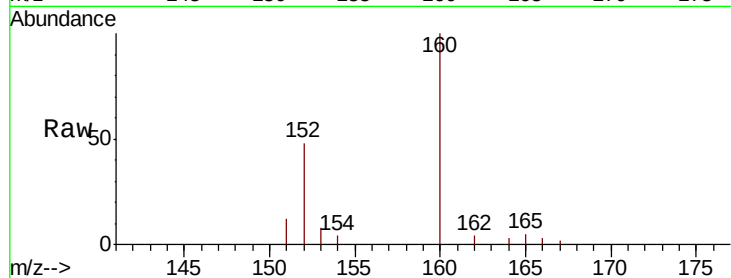
ClientSampleId :

JLM81DL

Tot Ion	Ratio	Lower	Upper
152	100		
151	24.7	16.6	24.8
153	16.9	11.1	16.7

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#11

Pentachlorophenol

Concen: 0.033 ng/ul

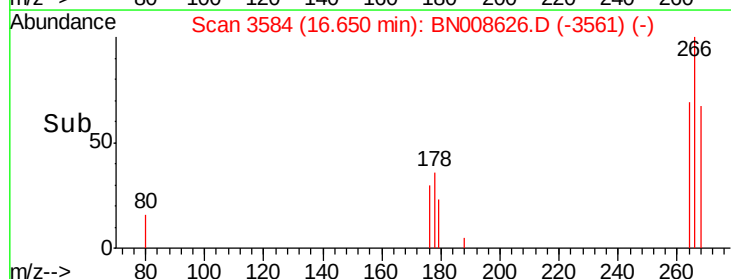
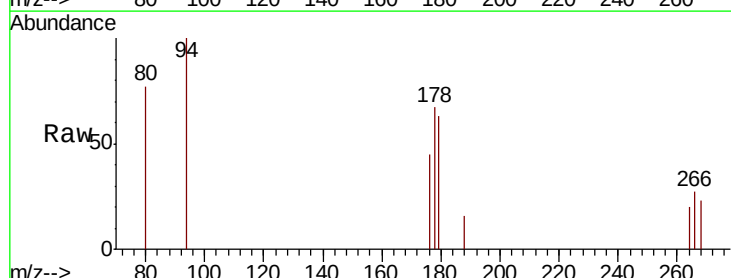
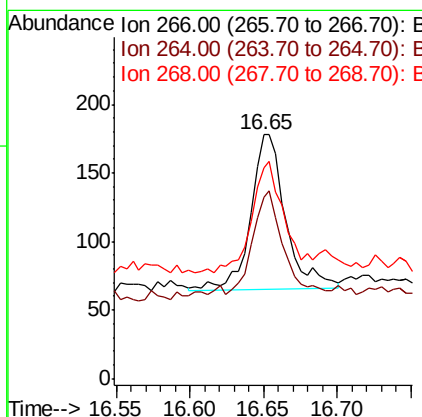
RT: 16.65 min Scan# 3584

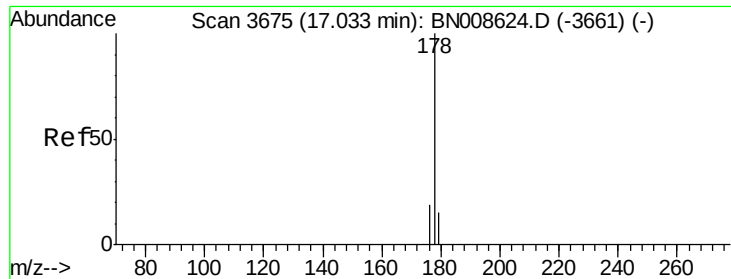
Delta R.T. -0.00 min

Lab File: BN008626.D

Acq: 19 Nov 2019 12:37

Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.6	49.2	73.8
268	68.1	50.9	76.3





#12

Phenanthrene

Concen: 0.199 ng/ul

RT: 17.03 min Scan# 3675

Delta R.T. -0.00 min

Lab File: BN008626.D

Acq: 19 Nov 2019 12:37

Instrument :

BNA_N

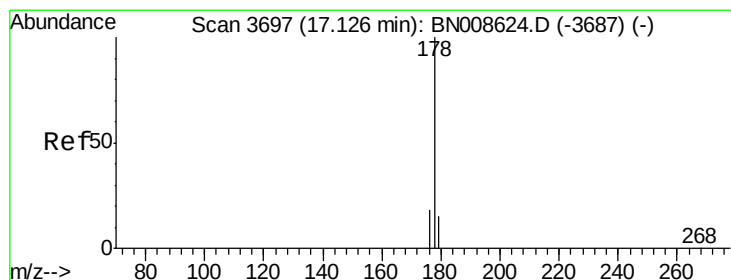
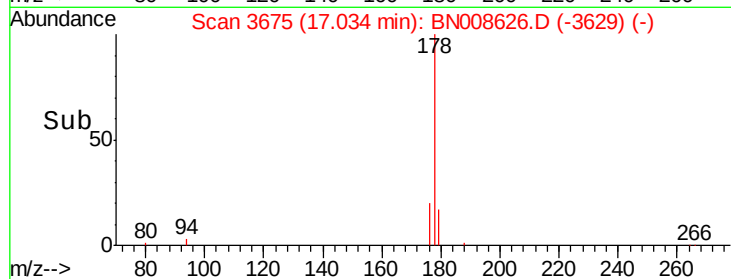
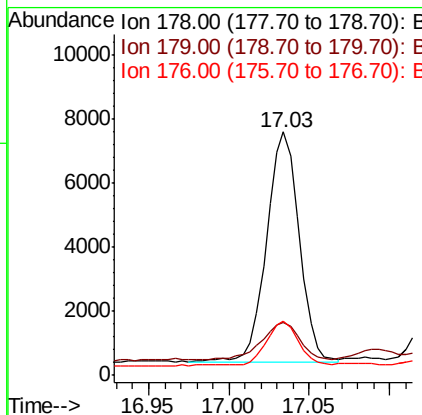
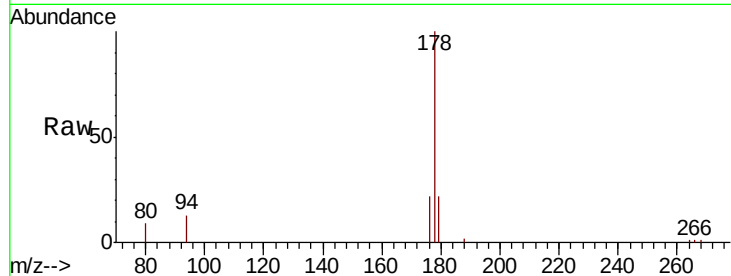
ClientSampleId :

JLM81DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	21.8	12.8	19.2#
176	22.3	16.0	24.0

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#13

Anthracene

Concen: 0.035 ng/ul

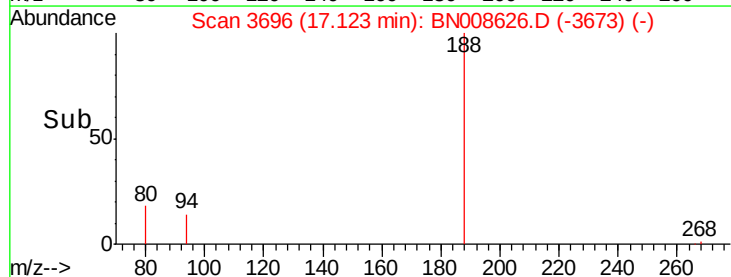
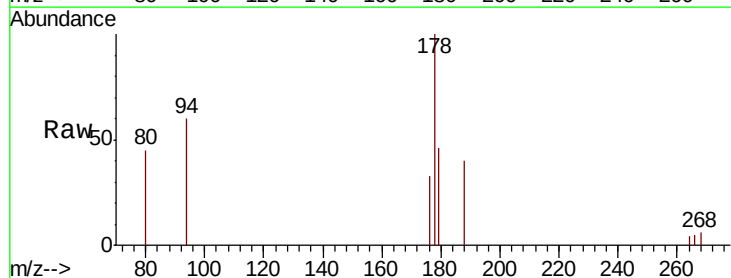
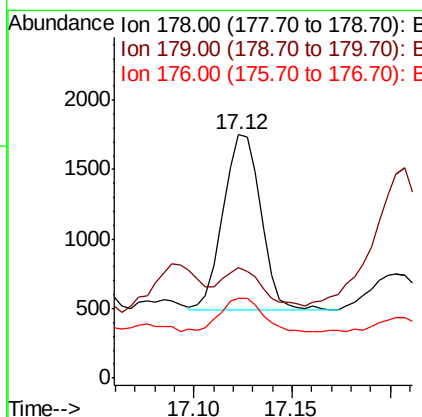
RT: 17.12 min Scan# 3696

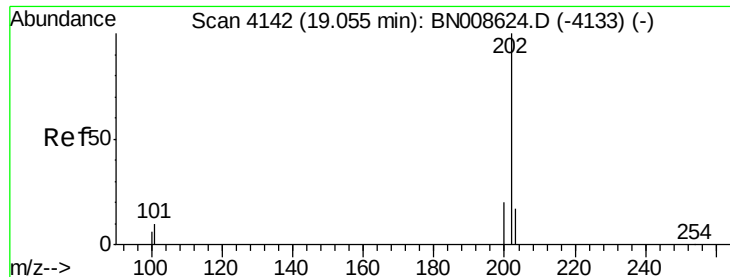
Delta R.T. -0.00 min

Lab File: BN008626.D

Acq: 19 Nov 2019 12:37

Tgt Ion	Ratio	Lower	Upper
178	100		
179	45.5	13.0	19.4#
176	32.9	15.3	22.9#





#15

Fluoranthene

Concen: 0.293 ng/ul

RT: 19.06 min Scan# 4142

Delta R.T. 0.00 min

Lab File: BN008626.D

Acq: 19 Nov 2019 12:37

Instrument :

BNA_N

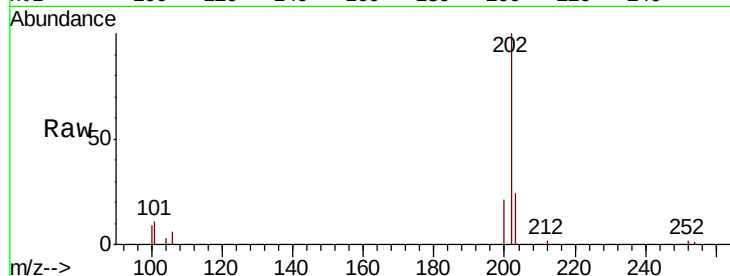
ClientSampleId :

JLM81DL

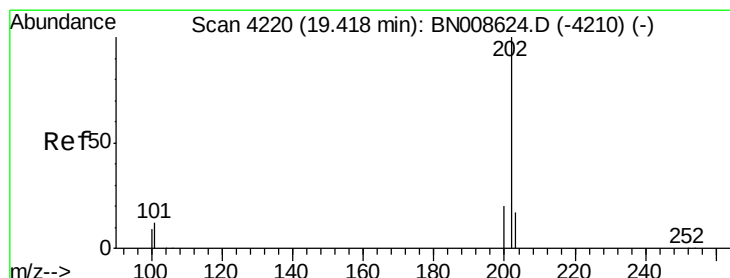
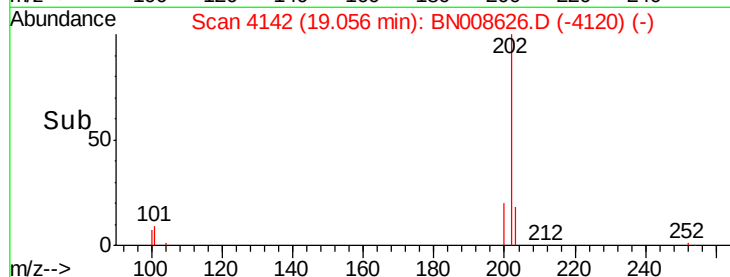
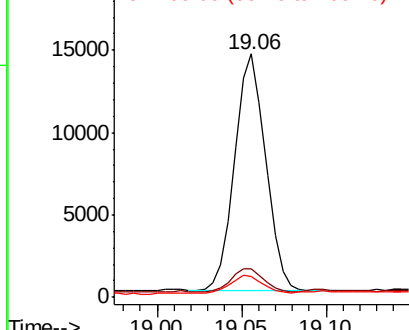
Tot Ion:	202	Resp:	18340
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	29.6
100	8.7	0.0	27.0

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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: 0.415 ng/ul

RT: 19.42 min Scan# 4220

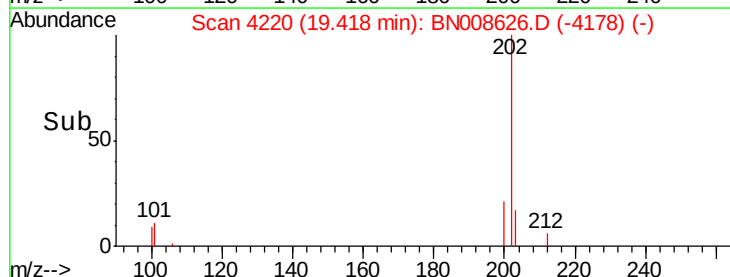
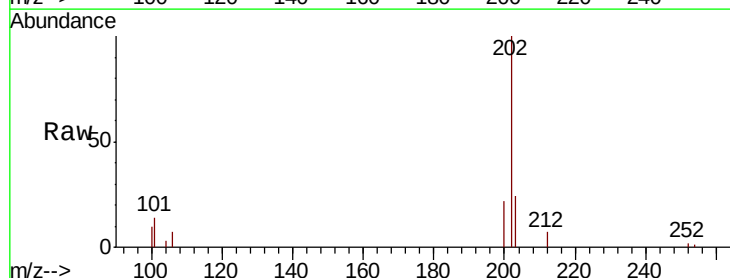
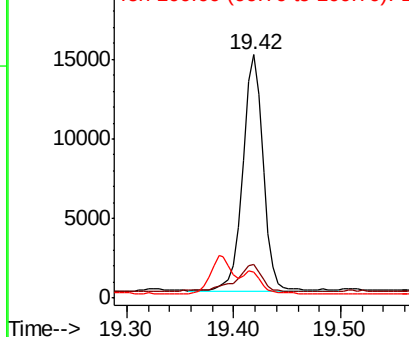
Delta R.T. -0.00 min

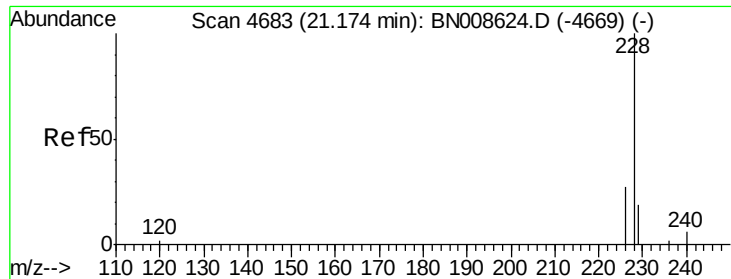
Lab File: BN008626.D

Acq: 19 Nov 2019 12:37

Tgt Ion:	202	Resp:	19475
Ion Ratio	Lower	Upper	
202	100		
101	13.8	10.2	15.2
100	10.4	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





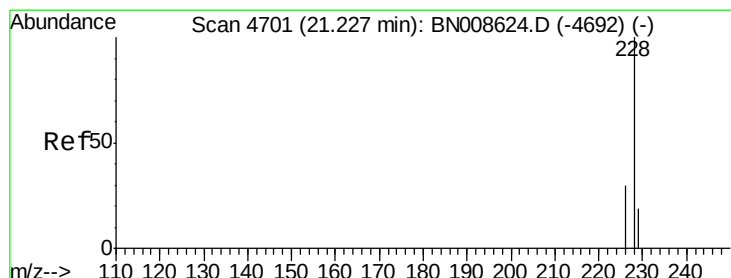
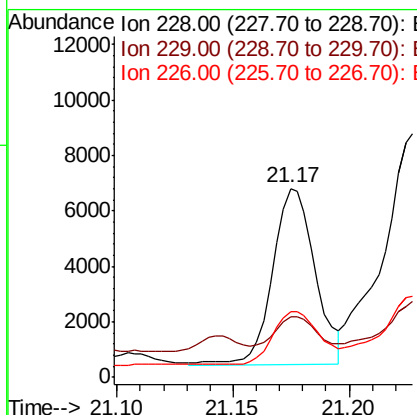
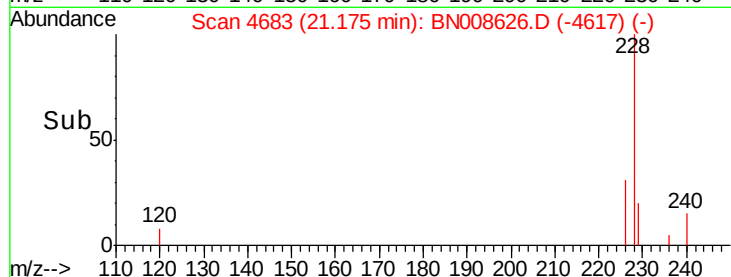
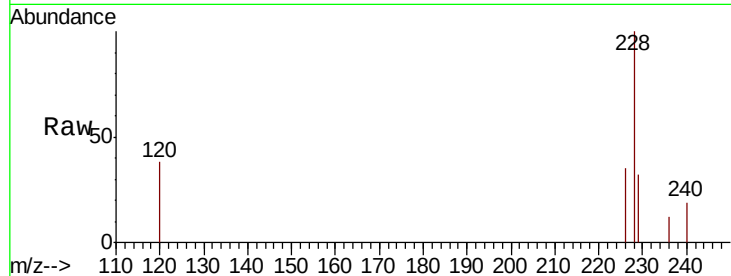
#18
Benzo(a)anthracene
Concen: 0.173 ng/ul
RT: 21.17 min Scan# 4683
Delta R.T. -0.01 min
Lab File: BN008626.D
Acq: 19 Nov 2019 12:37

Instrument :
BNA_N
ClientSampleId :
JLM81DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	32.2	15.8	23.6#
226	35.2	21.6	32.4#

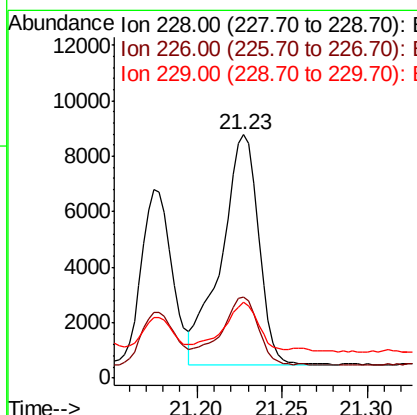
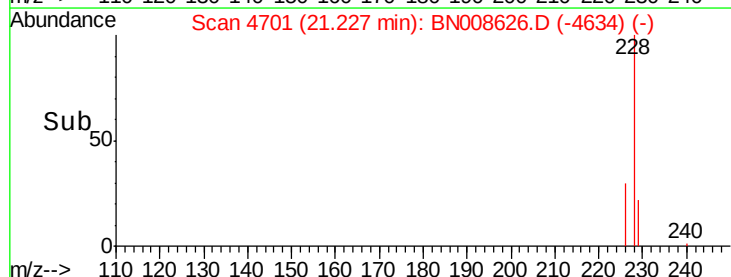
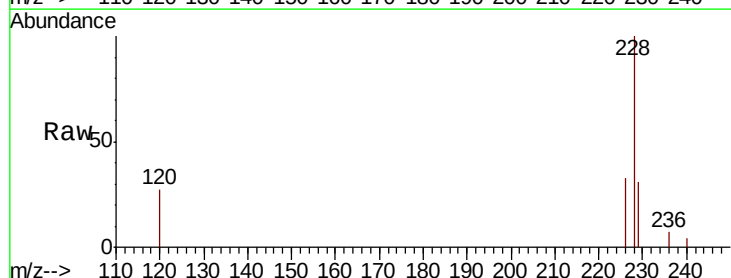
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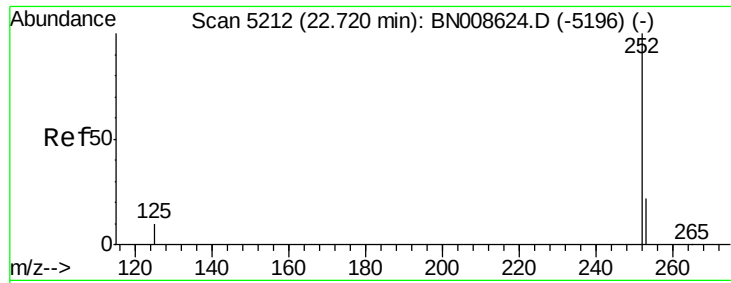
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#19
Chrysene
Concen: 0.272 ng/ul
RT: 21.23 min Scan# 4701
Delta R.T. -0.00 min
Lab File: BN008626.D
Acq: 19 Nov 2019 12:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.4	24.5	36.7
229	31.1	15.5	23.3#





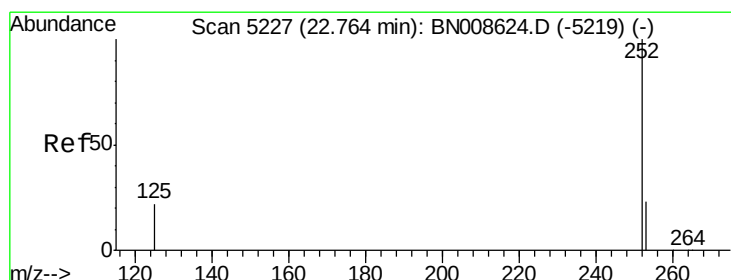
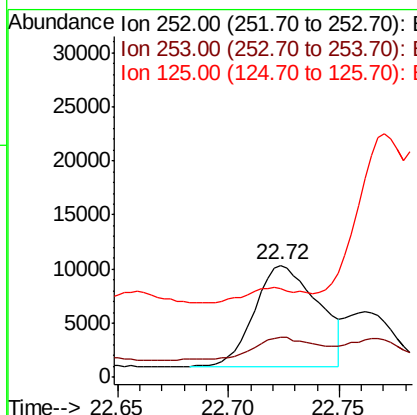
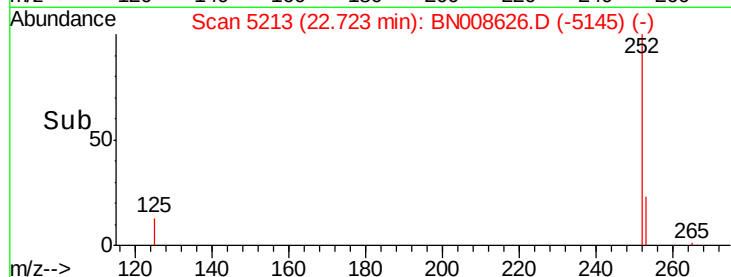
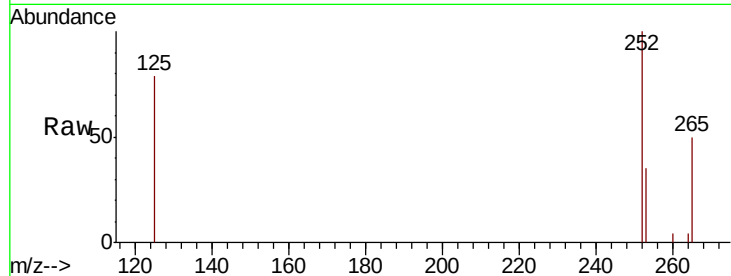
#21
Benzo(b)fluoranthene
Concen: 0.376 ng/ul m
RT: 22.72 min Scan# 5213
Delta R.T. 0.00 min
Lab File: BN008626.D
Acq: 19 Nov 2019 12:37

Instrument :
BNA_N
ClientSampleId :
JLM81DL

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	35.3	0.0	50.2
125	79.2	0.0	30.0#

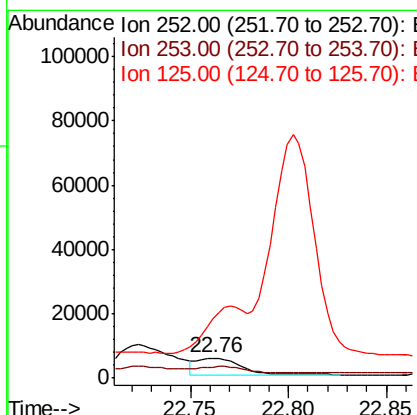
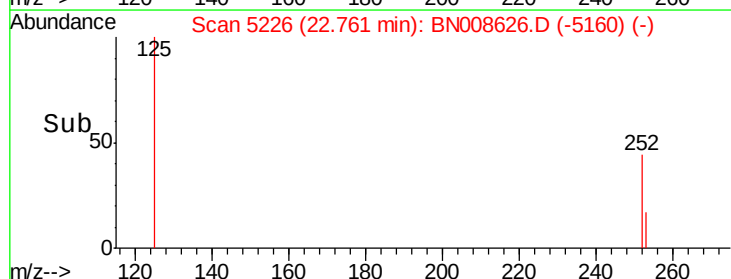
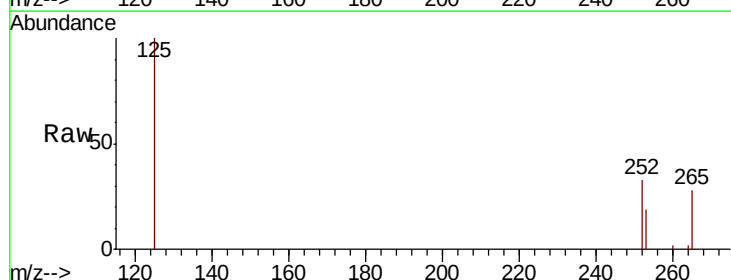
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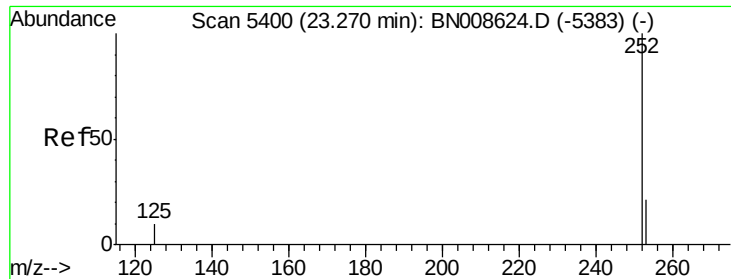
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#22
Benzo(k)fluoranthene
Concen: 0.169 ng/ul m
RT: 22.76 min Scan# 5226
Delta R.T. -0.01 min
Lab File: BN008626.D
Acq: 19 Nov 2019 12:37

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	56.6	20.5	30.7#
125	299.3	15.0	22.4#





#23

Benzo(a)pyrene

Concen: 0.233 ng/ul

RT: 23.27 min Scan# 5400

Delta R.T. -0.00 min

Lab File: BN008626.D

Acq: 19 Nov 2019 12:37

Instrument :

BNA_N

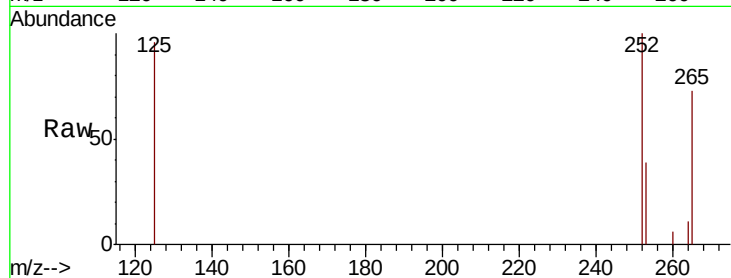
ClientSampled :

JLM81DL

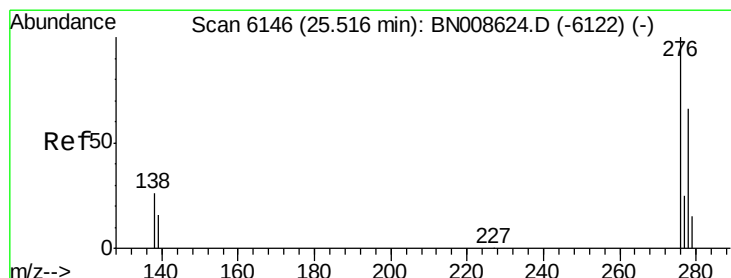
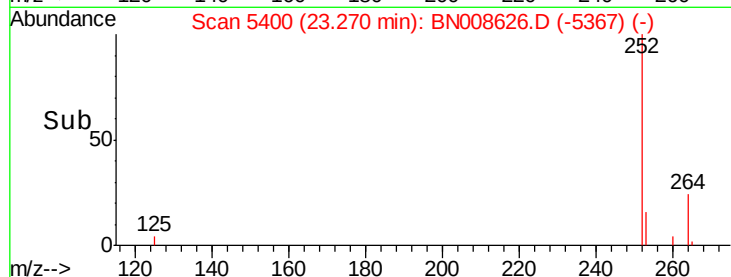
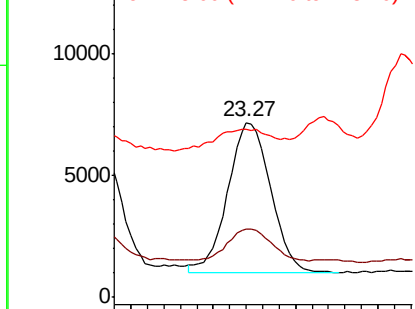
Tot Ion:	252	Resp:	11121
Ion Ratio	Lower	Upper	
252	100		
253	39.3	21.4	32.2#
125	96.3	13.8	20.8#

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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: 0.174 ng/ul

RT: 25.52 min Scan# 6146

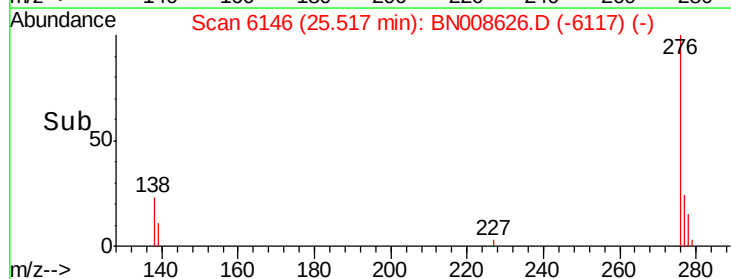
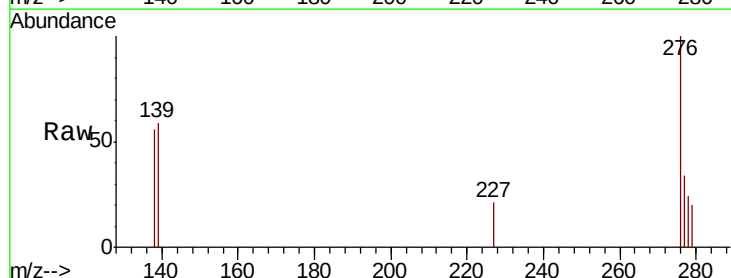
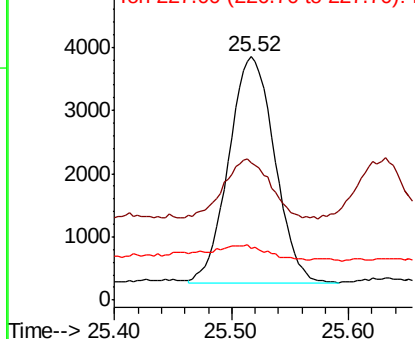
Delta R.T. -0.00 min

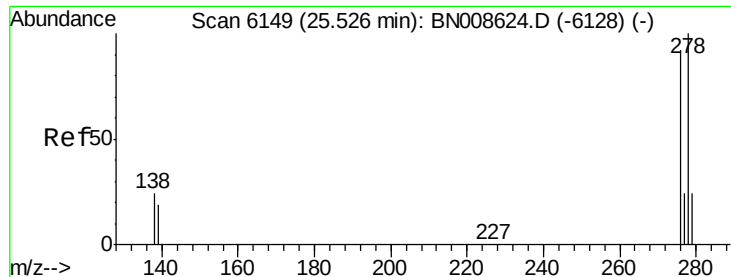
Lab File: BN008626.D

Acq: 19 Nov 2019 12:37

Tgt Ion:	276	Resp:	9731
Ion Ratio	Lower	Upper	
276	100		
138	27.6	21.7	32.5
227	6.3	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





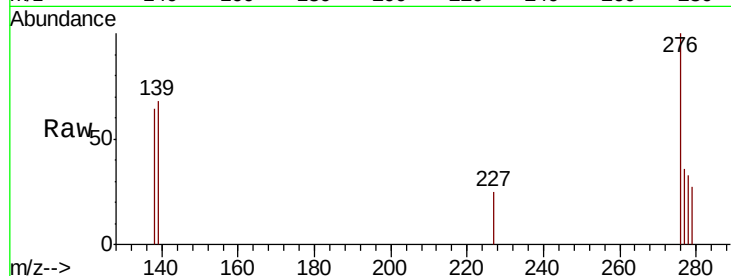
#25
Dibenzo(a,h)anthracene
Concen: 0.051 ng/ul
RT: 25.53 min Scan# 6150
Delta R.T. -0.00 min
Lab File: BN008626.D
Acq: 19 Nov 2019 12:37

Instrument :
BNA_N
ClientSampled :
JLM81DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	208.0	18.7	28.1#
279	80.8	20.8	31.2#

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:42 AM

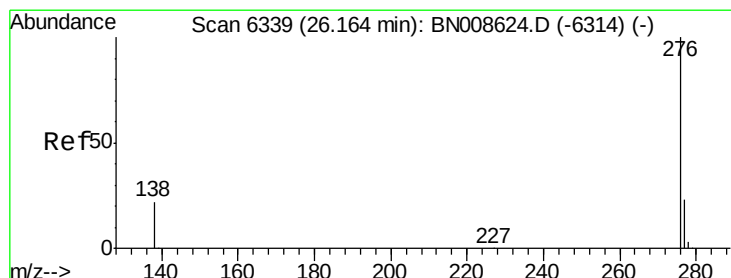
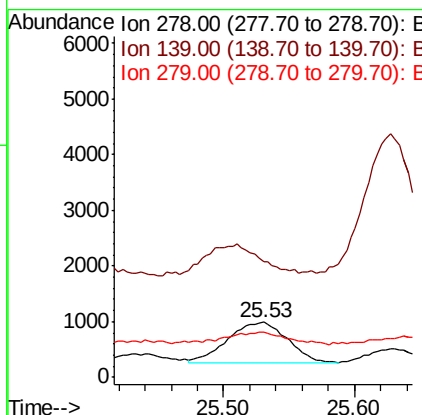
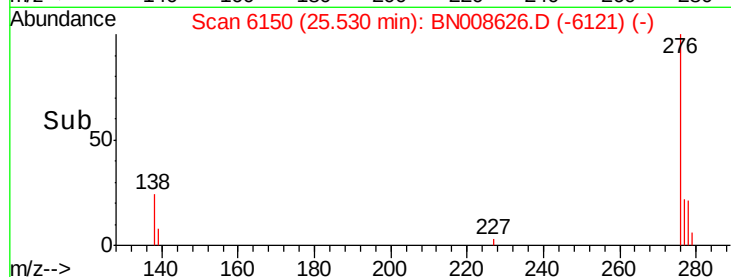


Abundance

Ion 278.00 (277.70 to 278.70): E

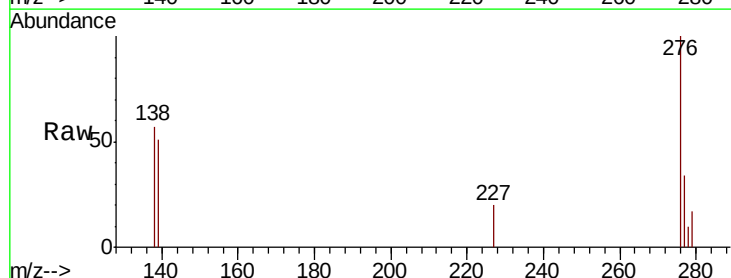
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.206 ng/ul
RT: 26.17 min Scan# 6341
Delta R.T. 0.00 min
Lab File: BN008626.D
Acq: 19 Nov 2019 12:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	57.0	20.0	30.0#
277	34.2	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

