

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111919\
 Data File : BN008625.D
 Acq On : 19 Nov 2019 12:01
 Operator : JU
 Sample : K5678-05DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM69DL

Manual Integrations
 APPROVED

mohammad
 11/21/2019 9:04:39 AM

Quant Time: Nov 19 12:41:21 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	3206	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	11572	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	6629	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	13235	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	10123	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	10828	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	866	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	1922	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.43	128	3866	0.111	ng/ul	95
5) 2-Methylnaphthalene	12.06	142	1403	0.058	ng/ul	99
7) Acenaphthylene	13.96	152	1171	0.032	ng/ul#	79
11) Pentachlorophenol	16.65	266	635	0.127	ng/ul	97
12) Phenanthrene	17.03	178	11670	0.261	ng/ul#	94
13) Anthracene	17.12	178	2030	0.048	ng/ul#	46
15) Fluoranthene	19.06	202	15823	0.289	ng/ul	94
17) Pyrene	19.42	202	31634	0.779	ng/ul	98
18) Benzo(a)anthracene	21.18	228	9630	0.237	ng/ul#	61
19) Chrysene	21.23	228	24611	0.616	ng/ul#	82
21) Benzo(b)fluoranthene	22.73	252	23700m	0.531	ng/ul	
22) Benzo(k)fluoranthene	22.77	252	5700m	0.129	ng/ul	
23) Benzo(a)pyrene	23.28	252	19236	0.459	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.52	276	11883	0.242	ng/ul#	66
25) Dibenzo(a,h)anthracene	25.53	278	4097	0.103	ng/ul#	1
26) Benzo(a,h,i)perylene	26.18	276	33089	0.807	ng/ul#	79

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

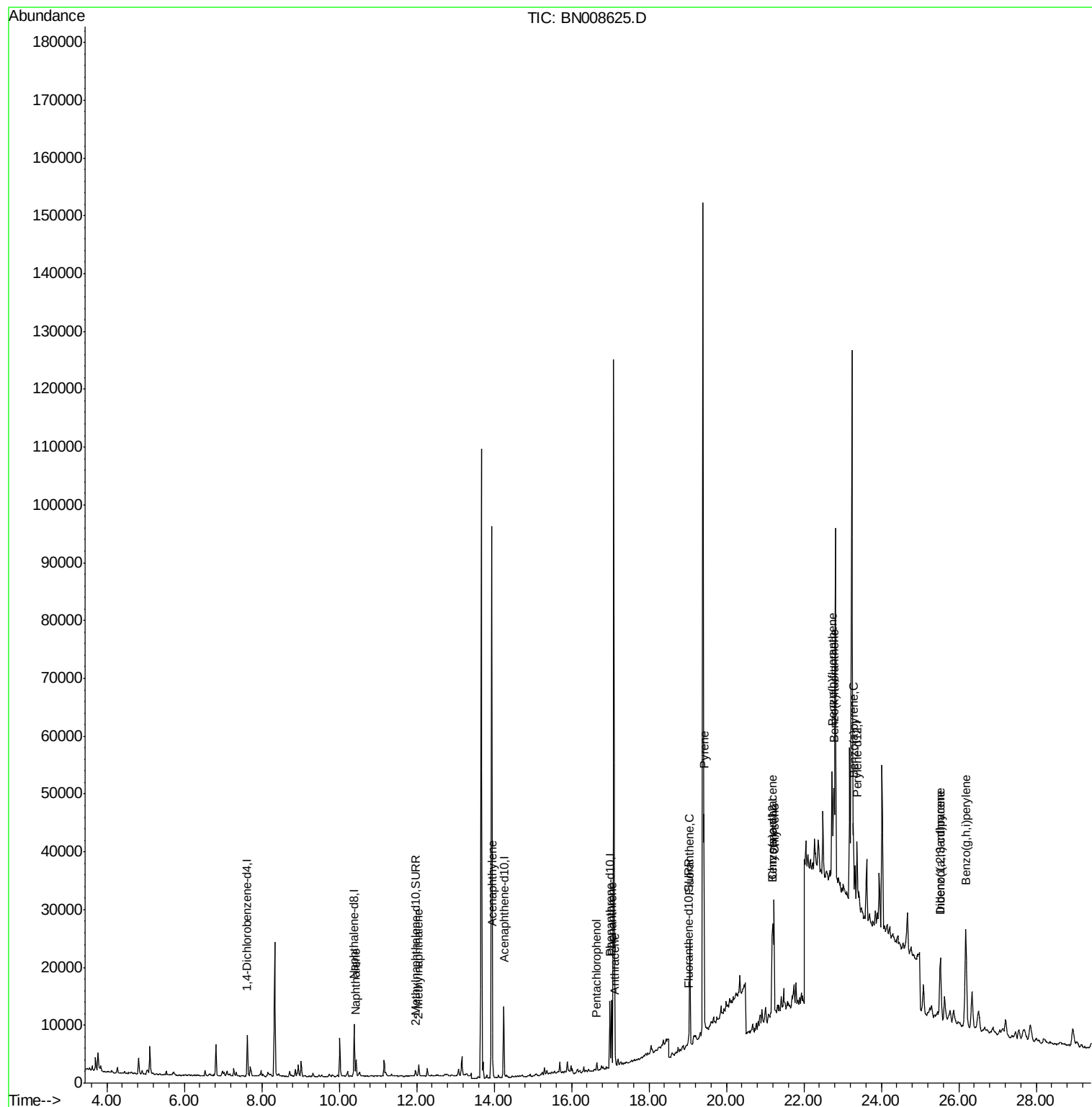
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111919\
Data File : BN008625.D
Acq On : 19 Nov 2019 12:01
Operator : JU
Sample : K5678-05DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

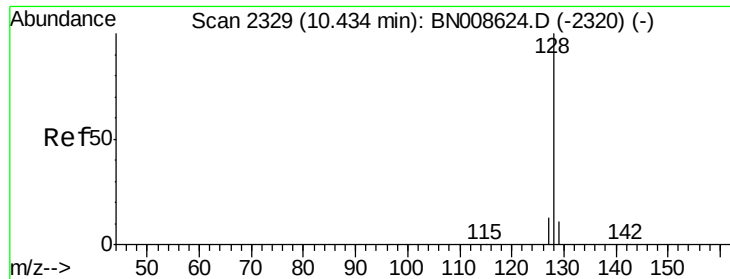
Instrument :
BNA_N
ClientSampleId :
JLM69DL

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:39 AM

Quant Time: Nov 19 12:41:21 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





#3

Naphthalene

Concen: 0.111 ng/ul

RT: 10.43 min Scan# 2329

Delta R.T. -0.01 min

Lab File: BN008625.D

Acq: 19 Nov 2019 12:01

Instrument :

BNA_N

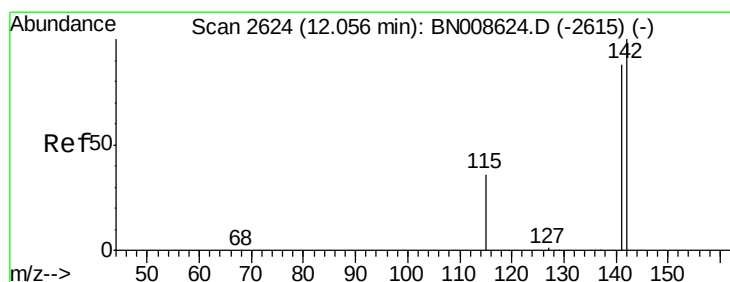
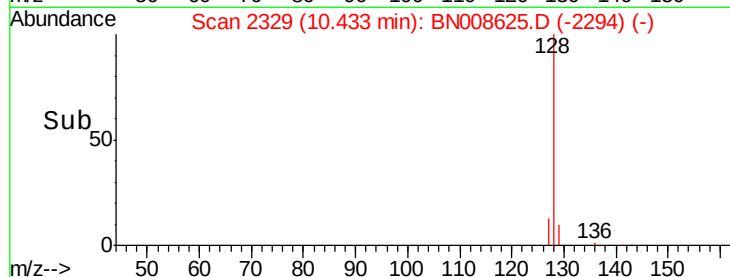
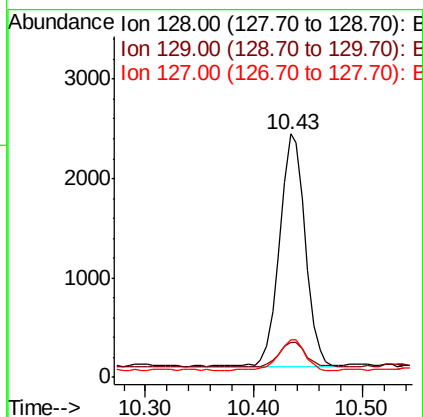
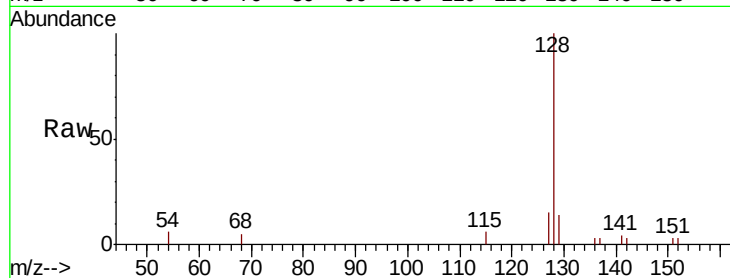
ClientSampleId :

JLM69DL

Tot Ion:	128	Resp:	3866
Ion	Ratio	Lower	Upper
128	100		
129	14.1	9.7	14.5
127	15.5	10.8	16.2

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:39 AM



#5

2-Methylnaphthalene

Concen: 0.058 ng/ul

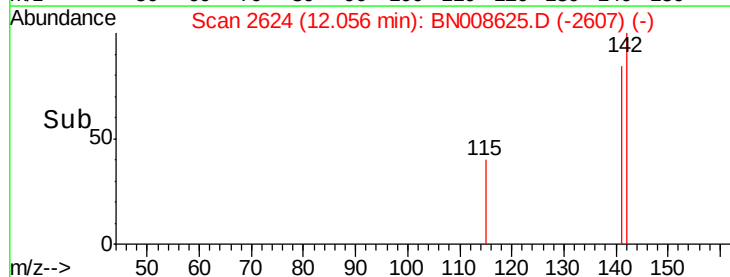
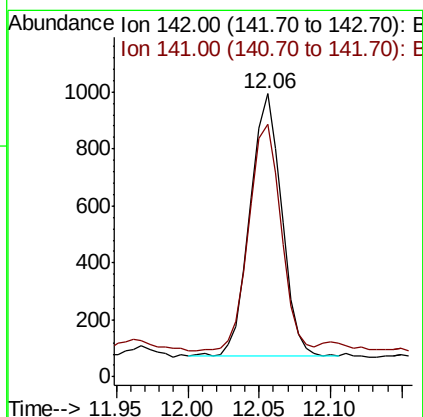
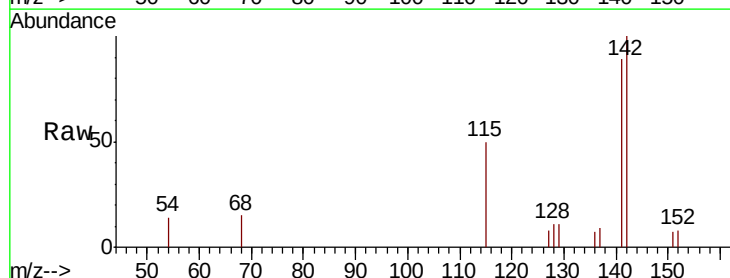
RT: 12.06 min Scan# 2624

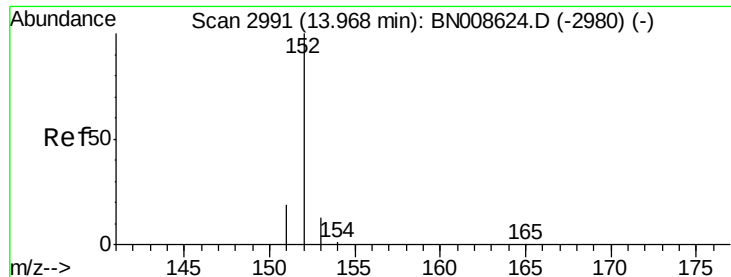
Delta R.T. -0.01 min

Lab File: BN008625.D

Acq: 19 Nov 2019 12:01

Tgt Ion:	142	Resp:	1403
Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.5	105.7





#7

Acenaphthylene

Concen: 0.032 ng/ul

RT: 13.96 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BN008625.D

Acq: 19 Nov 2019 12:01

Instrument :

BNA_N

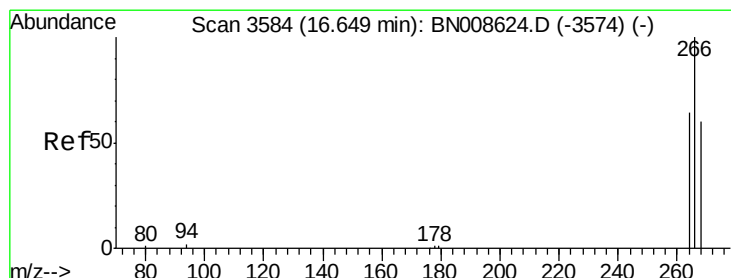
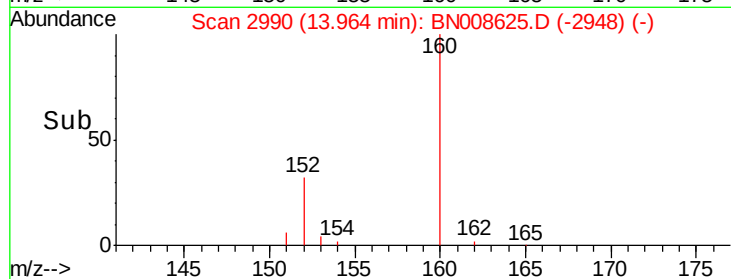
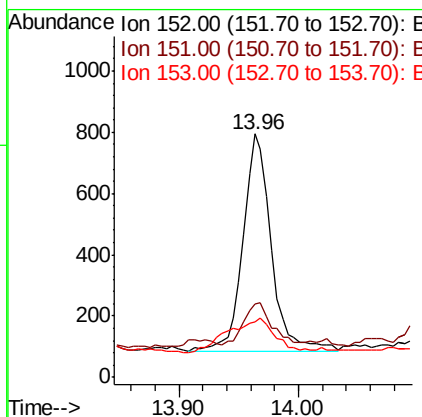
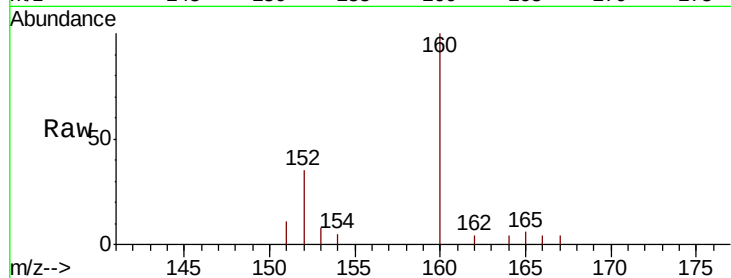
ClientSampleID :

JLM69DL

Tot Ion:	152	Resp:	1171
Ion Ratio	Lower	Upper	
152	100		
151	30.3	16.6	24.8#
153	22.9	11.1	16.7#

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:39 AM



#11

Pentachlorophenol

Concen: 0.127 ng/ul

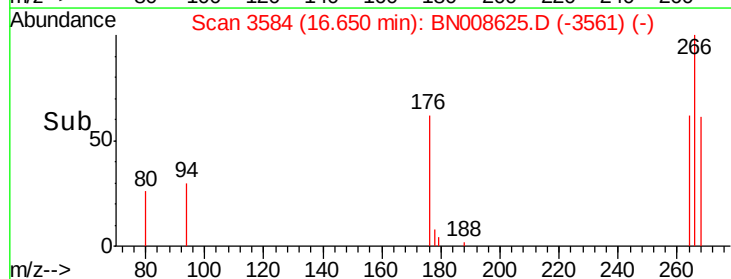
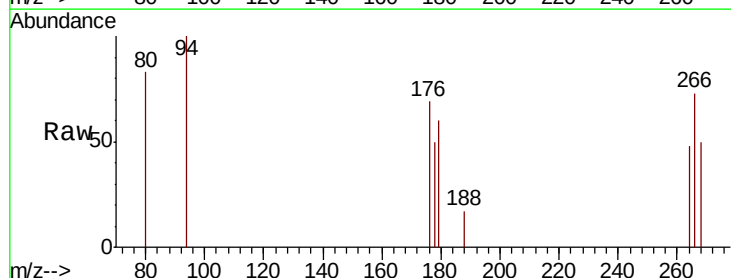
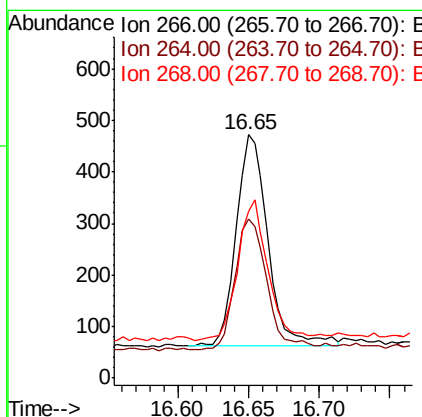
RT: 16.65 min Scan# 3584

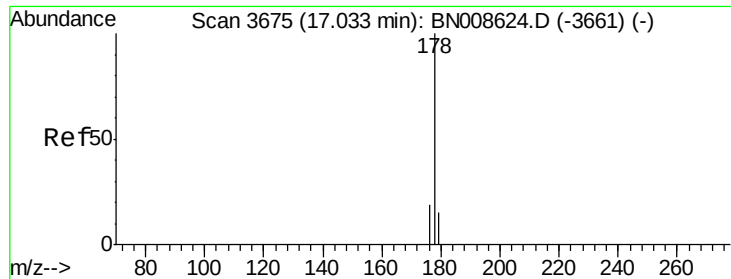
Delta R.T. -0.00 min

Lab File: BN008625.D

Acq: 19 Nov 2019 12:01

Tgt Ion:	266	Resp:	635
Ion Ratio	Lower	Upper	
266	100		
264	64.6	49.2	73.8
268	65.2	50.9	76.3





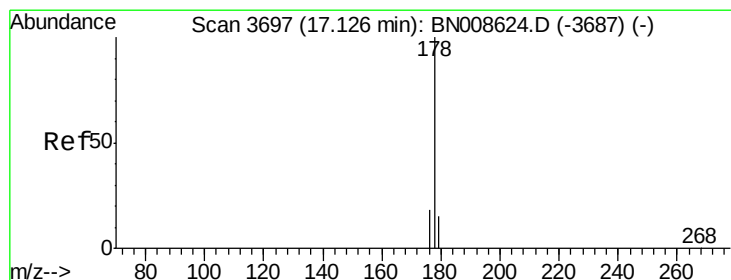
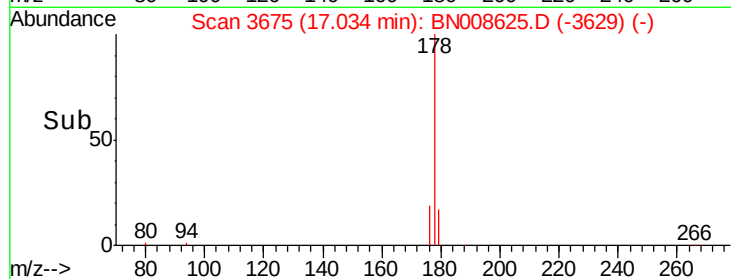
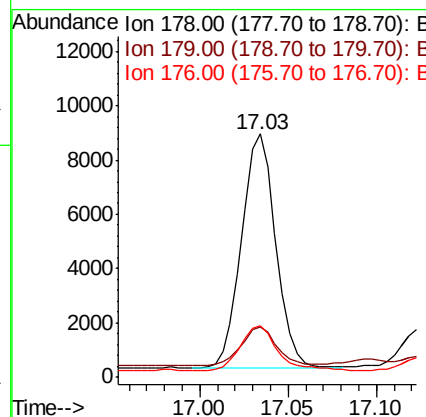
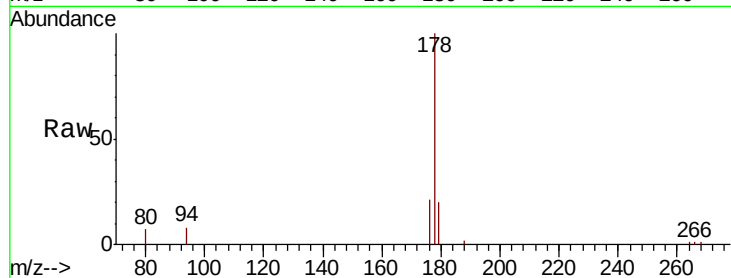
#12
Phenanthrene
Concen: 0.261 ng/ul
RT: 17.03 min Scan# 3675
Delta R.T. -0.00 min
Lab File: BN008625.D
Acq: 19 Nov 2019 12:01

Instrument :
BNA_N
ClientSampleId :
JLM69DL

Tot Ion:178 Resp: 11670
Ion Ratio Lower Upper
178 100
179 20.5 12.8 19.2#
176 21.2 16.0 24.0

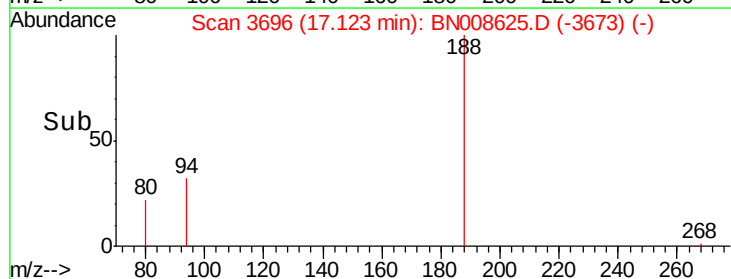
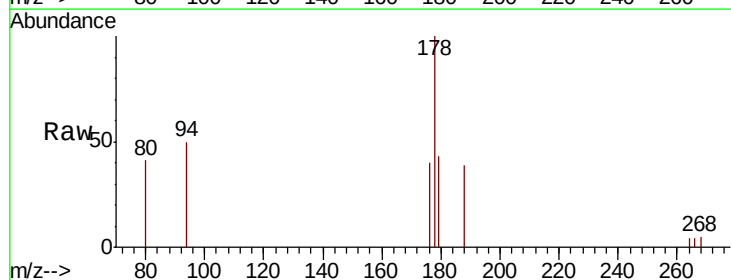
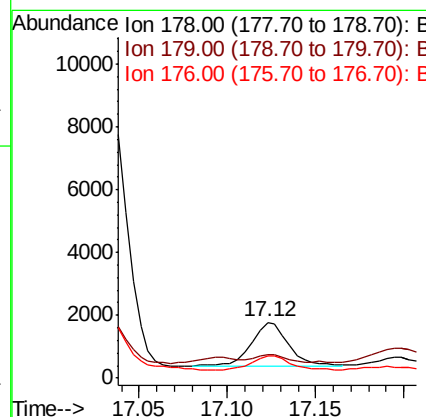
Manual Integrations
APPROVED

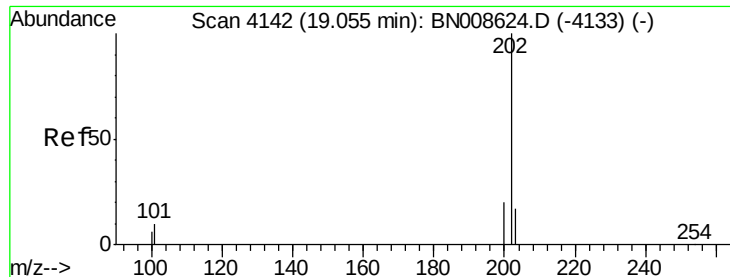
mohammad
11/21/2019 9:04:39 AM



#13
Anthracene
Concen: 0.048 ng/ul
RT: 17.12 min Scan# 3696
Delta R.T. -0.00 min
Lab File: BN008625.D
Acq: 19 Nov 2019 12:01

Tgt Ion:178 Resp: 2030
Ion Ratio Lower Upper
178 100
179 42.5 13.0 19.4#
176 40.2 15.3 22.9#





#15

Fluoranthene

Concen: 0.289 ng/ul

RT: 19.06 min Scan# 4142

Delta R.T. -0.00 min

Lab File: BN008625.D

Acq: 19 Nov 2019 12:01

Instrument :

BNA_N

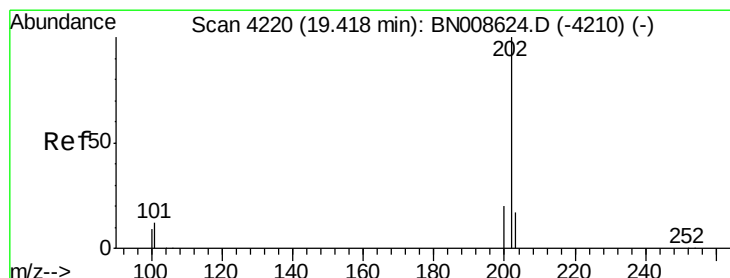
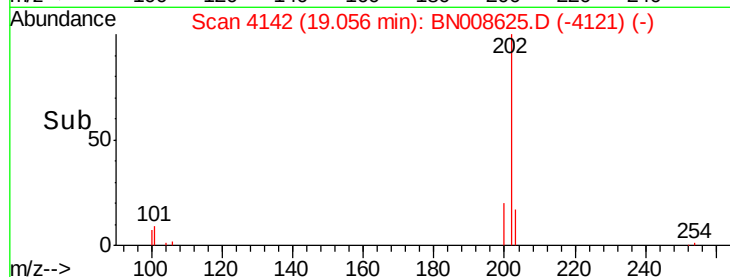
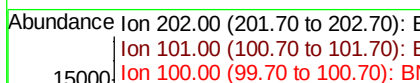
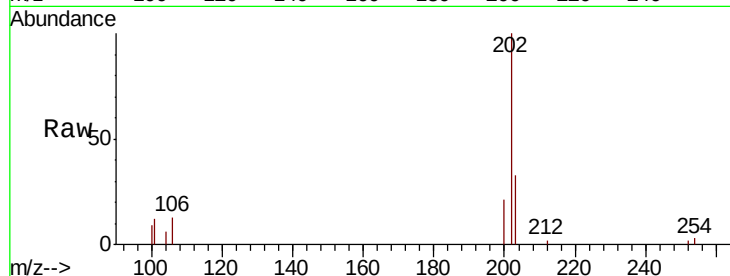
ClientSampleId :

JLM69DL

Tot Ion:	202	Resp:	15823
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	29.6
100	8.5	0.0	27.0

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:39 AM



#17

Pyrene

Concen: 0.779 ng/ul

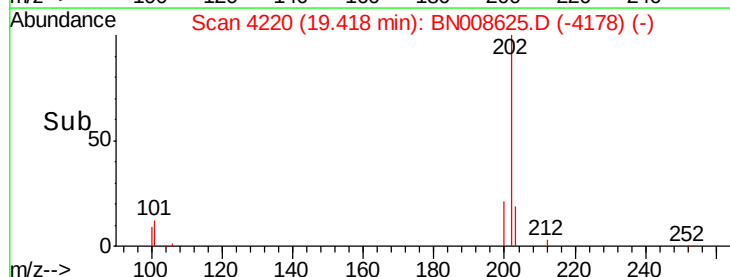
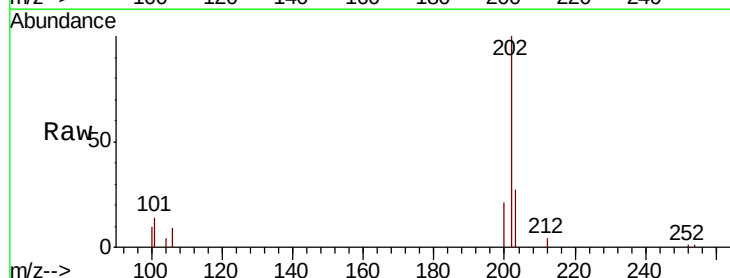
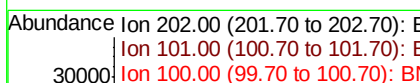
RT: 19.42 min Scan# 4220

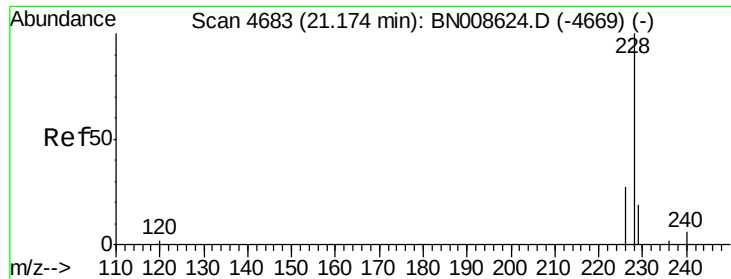
Delta R.T. -0.00 min

Lab File: BN008625.D

Acq: 19 Nov 2019 12:01

Tgt Ion:	202	Resp:	31634
Ion Ratio	Lower	Upper	
202	100		
101	13.7	10.2	15.2
100	10.4	8.2	12.2





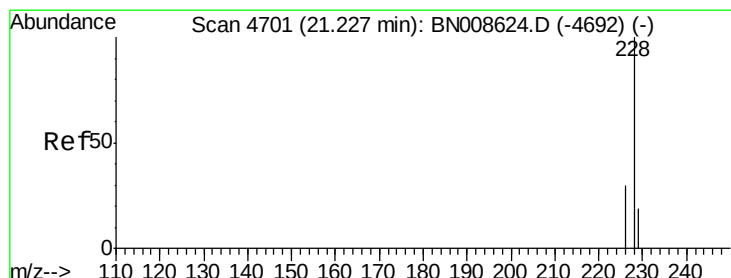
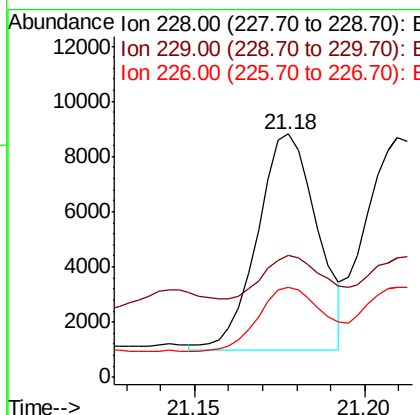
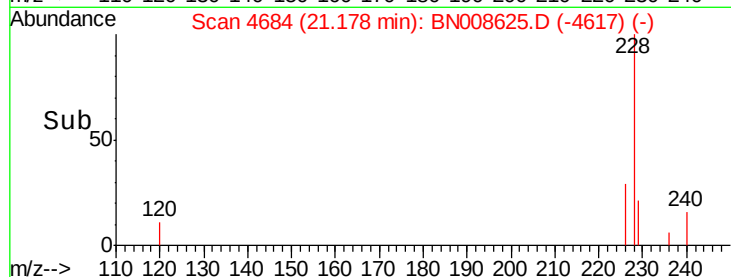
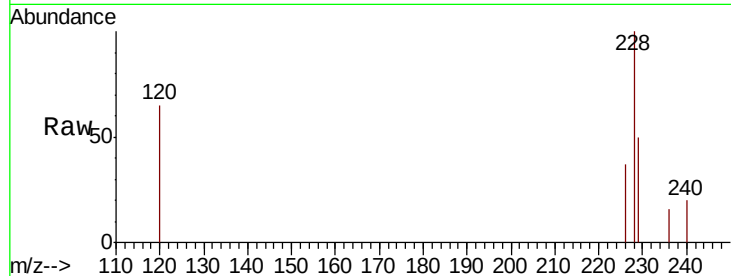
#18
Benzo(a)anthracene
Concen: 0.237 ng/ul
RT: 21.18 min Scan# 4684
Delta R.T. -0.00 min
Lab File: BN008625.D
Acq: 19 Nov 2019 12:01

Instrument :
BNA_N
ClientSampleId :
JLM69DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	50.0	15.8	23.6#
226	37.1	21.6	32.4#

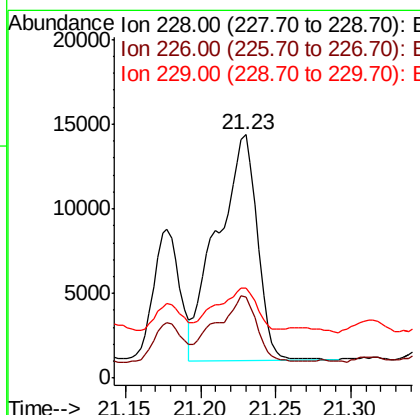
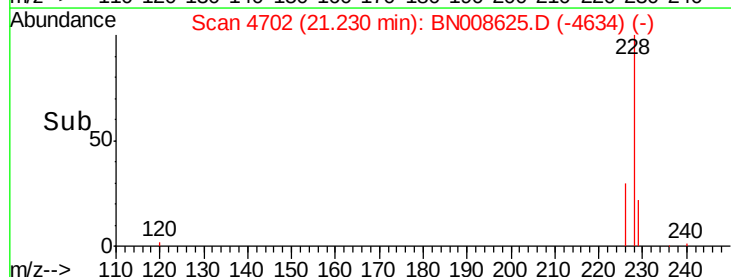
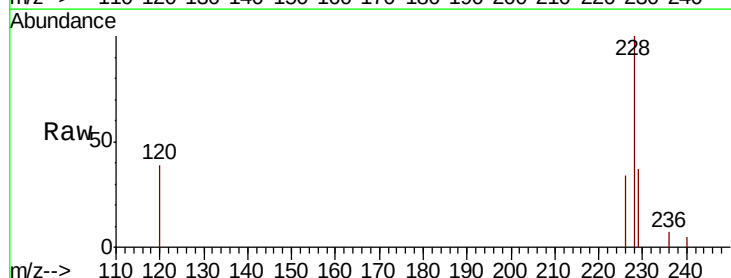
Manual Integrations
APPROVED

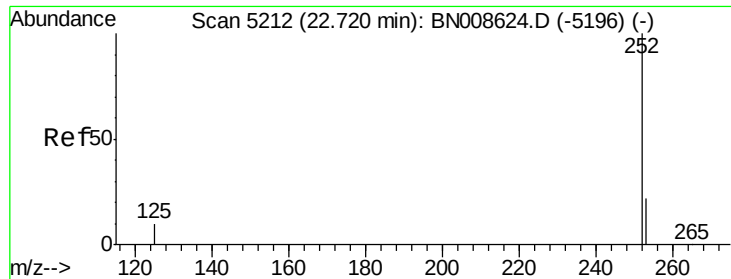
mohammad
11/21/2019 9:04:39 AM



#19
Chrysene
Concen: 0.616 ng/ul
RT: 21.23 min Scan# 4702
Delta R.T. -0.00 min
Lab File: BN008625.D
Acq: 19 Nov 2019 12:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.5	24.5	36.7
229	37.2	15.5	23.3#





#21

Benzo(b)fluoranthene

Concen: 0.531 ng/ul m

RT: 22.73 min Scan# 5214

Delta R.T. 0.00 min

Lab File: BN008625.D

Acq: 19 Nov 2019 12:01

Instrument :

BNA_N

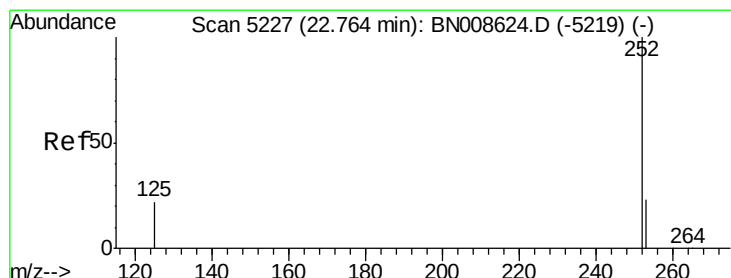
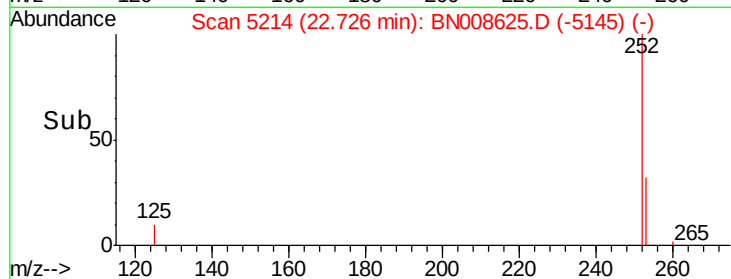
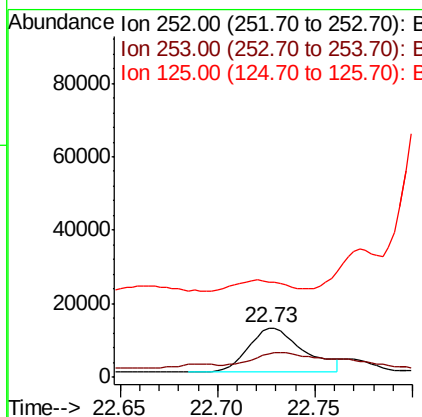
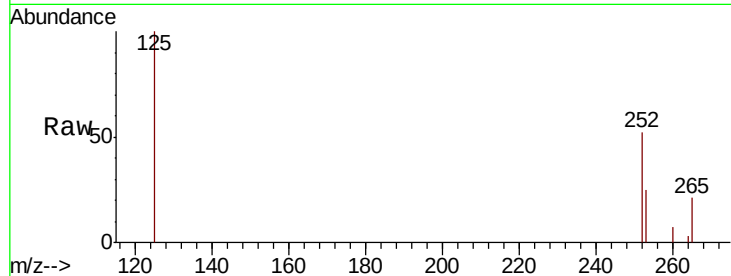
ClientSampleId :

JLM69DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	47.6	0.0	50.2
125	193.0	0.0	30.0#

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:39 AM



#22

Benzo(k)fluoranthene

Concen: 0.129 ng/ul m

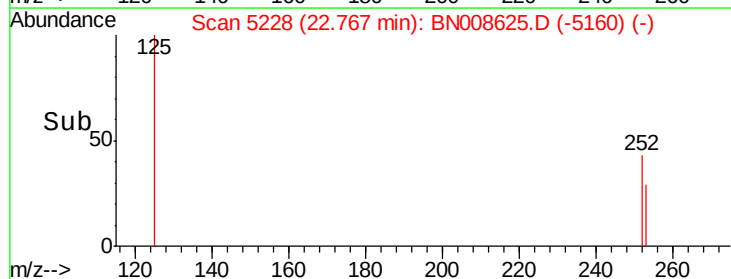
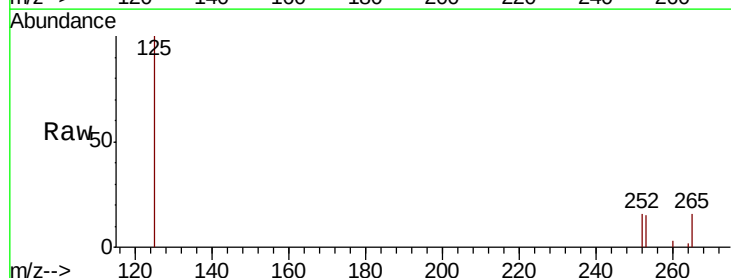
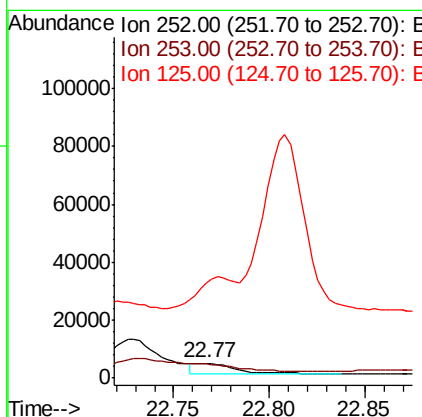
RT: 22.77 min Scan# 5228

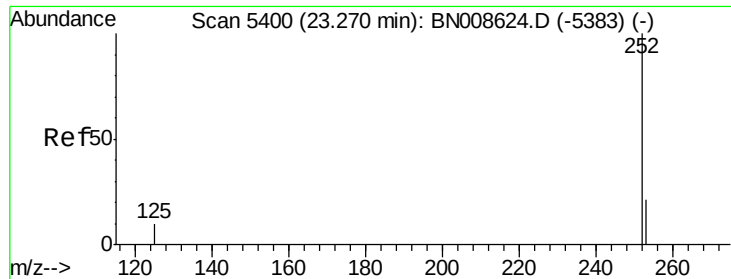
Delta R.T. -0.00 min

Lab File: BN008625.D

Acq: 19 Nov 2019 12:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	94.8	20.5	30.7#
125	640.8	15.0	22.4#





#23

Benzo(a)pyrene

Concen: 0.459 ng/ul

RT: 23.28 min Scan# 5402

Delta R.T. 0.00 min

Lab File: BN008625.D

Acq: 19 Nov 2019 12:01

Instrument :

BNA_N

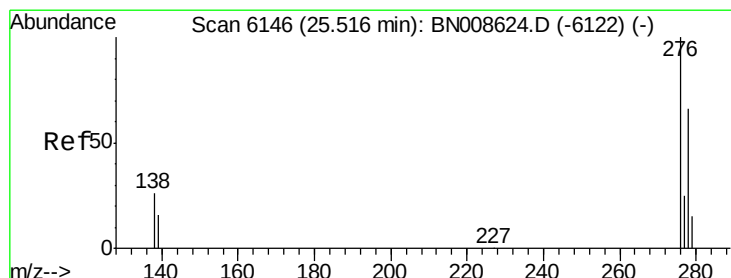
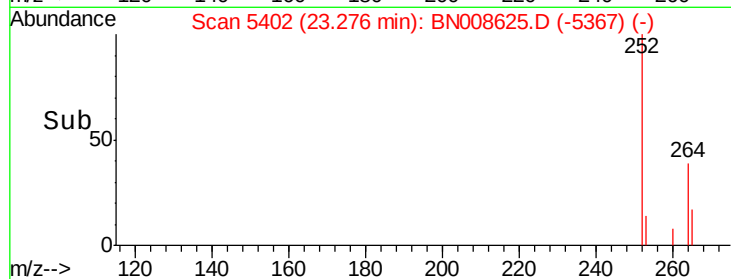
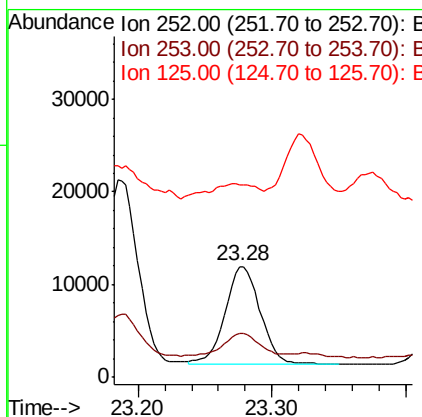
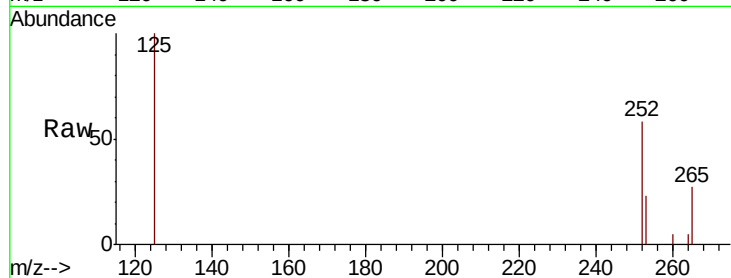
ClientSampleID :

JLM69DL

Tot Ion:	252	Resp:	19236
Ion Ratio	Lower	Upper	
252	100		
253	39.6	21.4	32.2#
125	173.4	13.8	20.8#

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:39 AM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.242 ng/ul

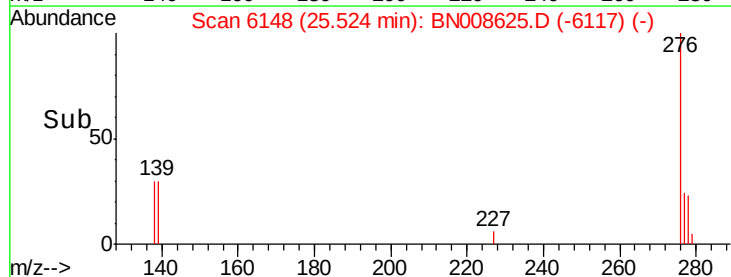
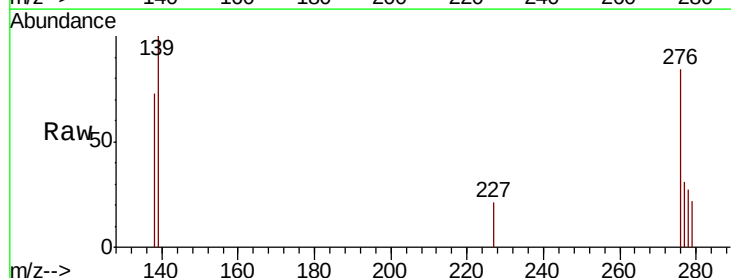
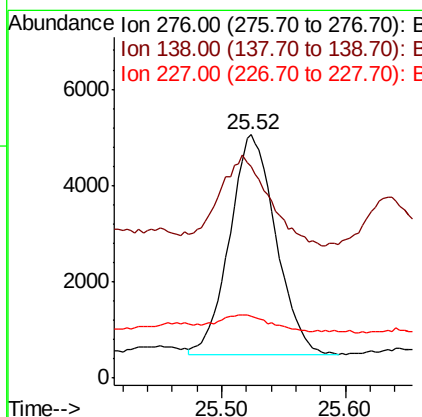
RT: 25.52 min Scan# 6148

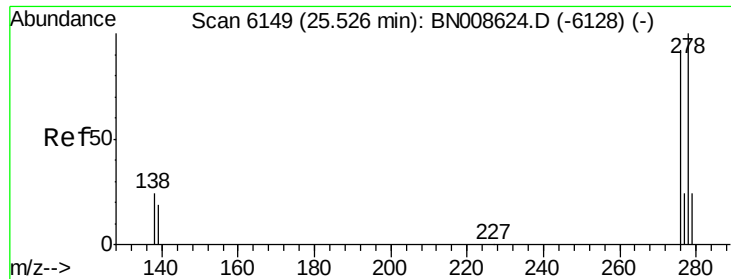
Delta R.T. 0.00 min

Lab File: BN008625.D

Acq: 19 Nov 2019 12:01

Tgt Ion:	276	Resp:	11883
Ion Ratio	Lower	Upper	
276	100		
138	45.0	21.7	32.5#
227	8.2	0.2	0.2#





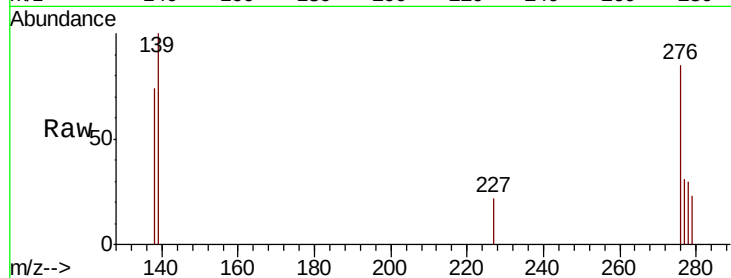
#25
Dibenzo(a,h)anthracene
Concen: 0.103 ng/ul
RT: 25.53 min Scan# 6150
Delta R.T. -0.00 min
Lab File: BN008625.D
Acq: 19 Nov 2019 12:01

Instrument :
BNA_N
ClientSampleId :
JLM69DL

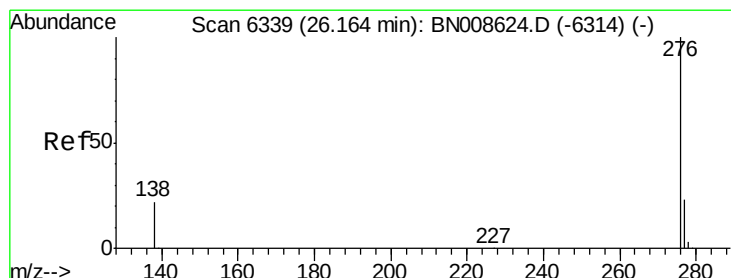
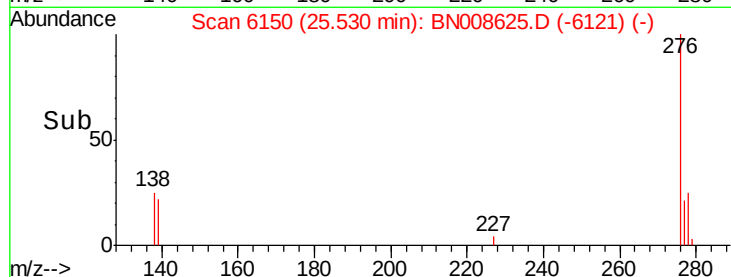
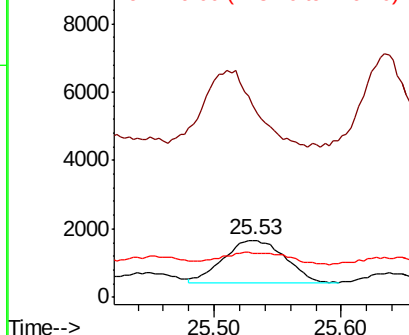
Tot Ion	Ratio	Lower	Upper
278	100		
139	334.4	18.7	28.1#
279	76.1	20.8	31.2#

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:39 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: 0.807 ng/ul
RT: 26.18 min Scan# 6344
Delta R.T. 0.01 min
Lab File: BN008625.D
Acq: 19 Nov 2019 12:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	42.3	20.0	30.0#
277	28.6	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

