

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120719\
 Data File : BN008885.D
 Acq On : 07 Dec 2019 12:04
 Operator : JU
 Sample : K6007-09DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BL7DL

Manual Integrations
 APPROVED

mohammad
 12/9/2019 3:11:42 PM

Quant Time: Dec 09 00:24:50 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 : Fri Dec 06 12:03:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2263	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	9756	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	6707	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	14716	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	12773	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	14483	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	1441	0.09	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	4644	0.10	ng/ul	0.00

Target Compounds				Ovalue		
3) Naphthalene	10.37	128	8724	0.297	ng/ul	99
5) 2-Methylnaphthalene	11.99	142	27964	1.362	ng/ul	100
9) Fluorene	15.25	166	4687	0.145	ng/ul#	92
12) Phenanthrene	16.97	178	40631	0.819	ng/ul	99
15) Fluoranthene	19.00	202	7036	0.115	ng/ul	92
17) Pyrene	19.36	202	10319	0.201	ng/ul	100
18) Benzo(a)anthracene	21.12	228	1567	0.031	ng/ul#	20
19) Chrysene	21.17	228	11574	0.229	ng/ul#	88
21) Benzo(b)fluoranthene	22.65	252	9505m	0.159	ng/ul	
23) Benzo(a)pyrene	23.19	252	1781	0.032	ng/ul#	22
24) Indeno(1,2,3-cd)pyrene	25.40	276	1791	0.027	ng/ul#	85
25) Dibenzo(a,h)anthracene	25.40	278	1478	0.028	ng/ul#	14
26) Benzo(g,h,i)perylene	26.04	276	4084	0.074	ng/ul#	88

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

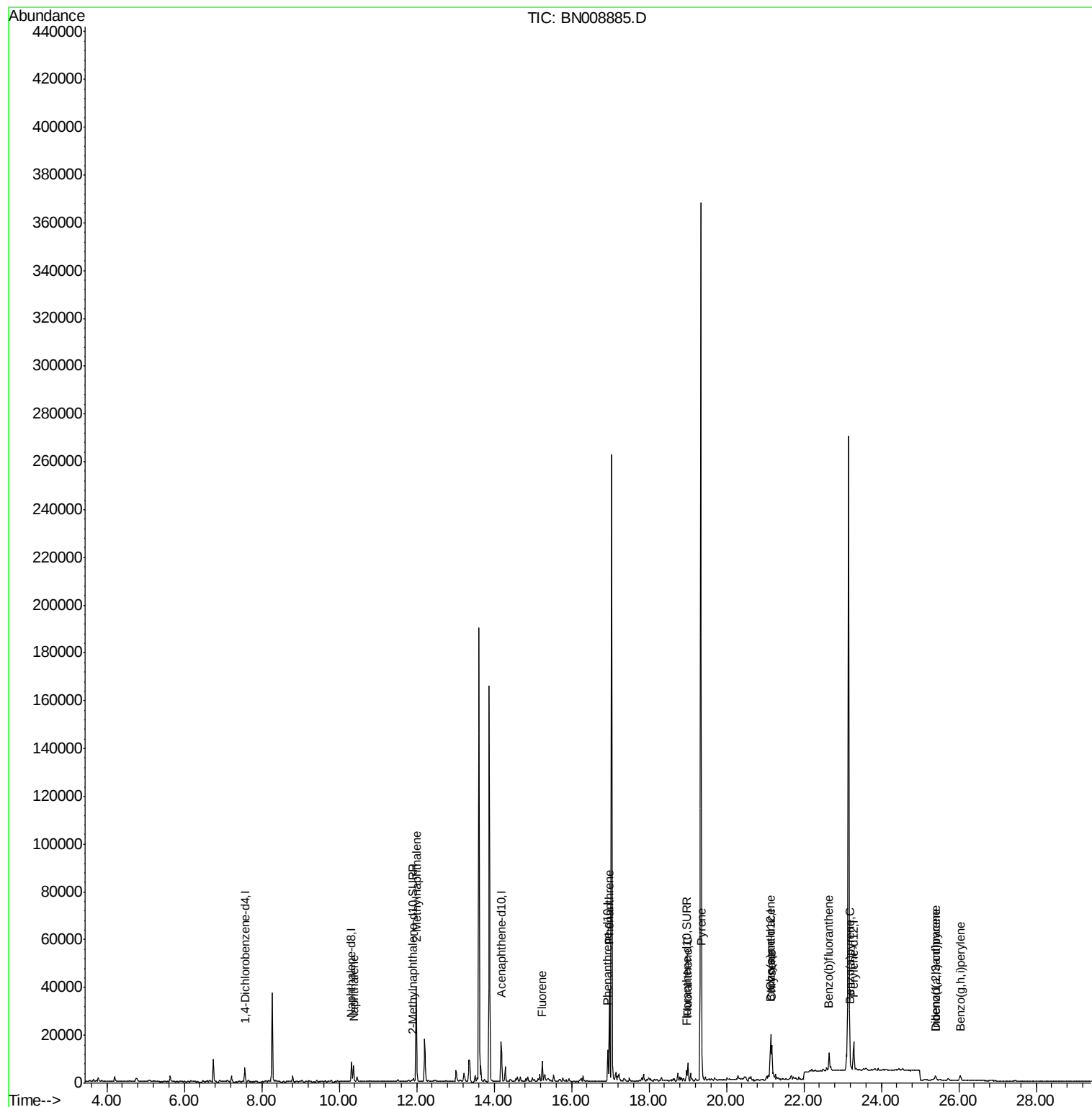
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120719\
Data File : BN008885.D
Acq On : 07 Dec 2019 12:04
Operator : JU
Sample : K6007-09DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

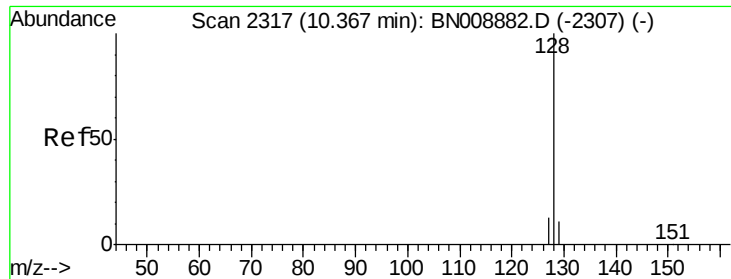
Instrument :
BNA_N
ClientSampleId :
C0BL7DL

Manual Integrations
APPROVED

mohammad
12/9/2019 3:11:42 PM

Quant Time: Dec 09 00:24:50 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 : Fri Dec 06 12:03:45 2019
Response via : Initial Calibration





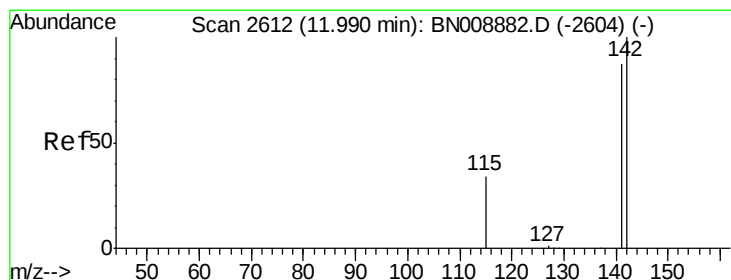
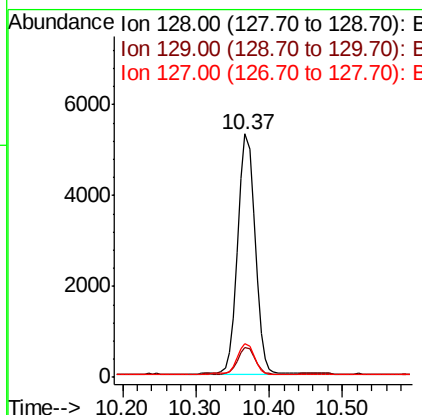
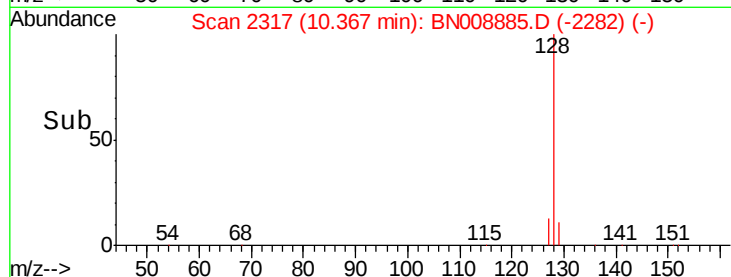
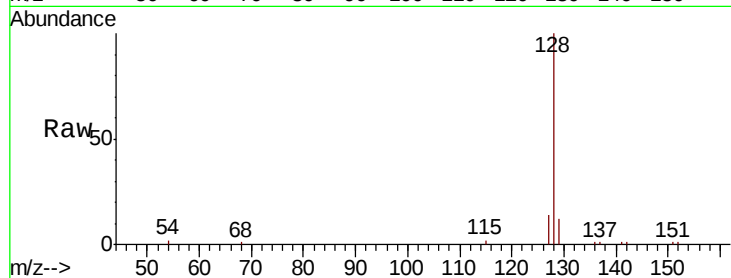
#3
Naphthalene
Concen: 0.297 ng/ul
RT: 10.37 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BN008885.D
Acq: 07 Dec 2019 12:04

Instrument :
BNA_N
ClientSampleId :
C0BL7DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.1	13.7
127	13.7	10.7	16.1

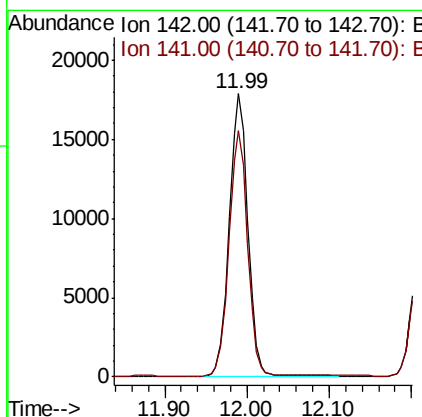
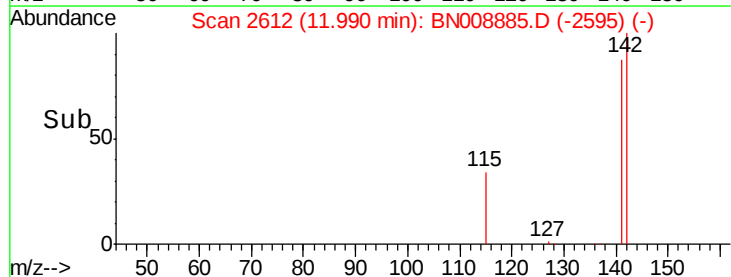
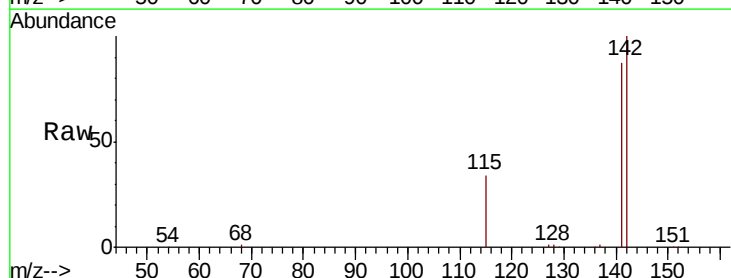
Manual Integrations
APPROVED

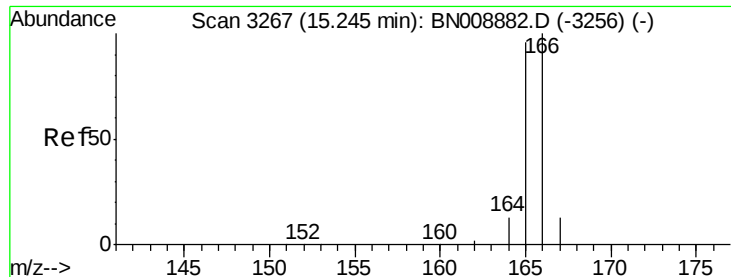
mohammad
12/9/2019 3:11:42 PM



#5
2-Methylnaphthalene
Concen: 1.362 ng/ul
RT: 11.99 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BN008885.D
Acq: 07 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.1	105.1





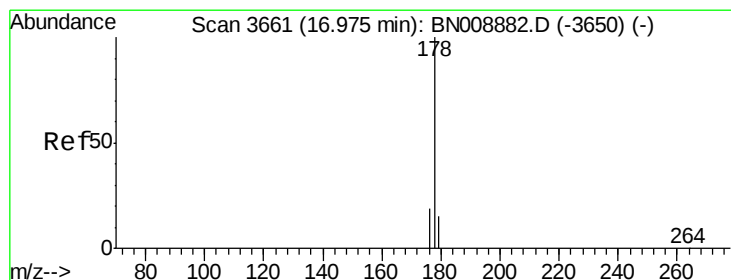
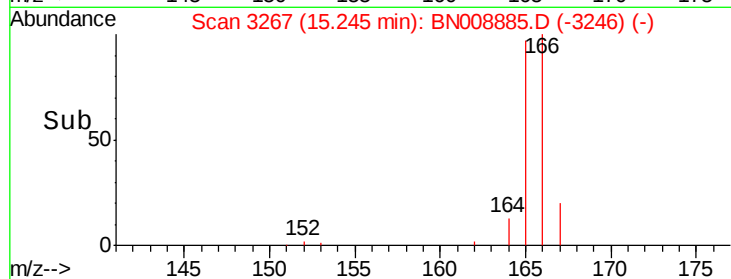
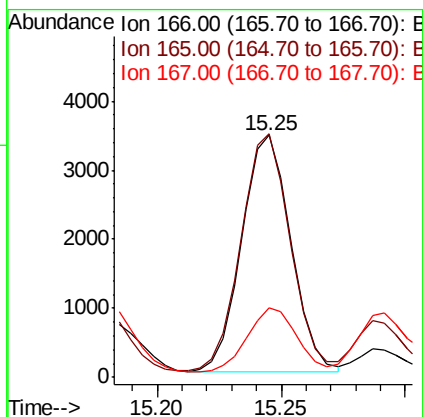
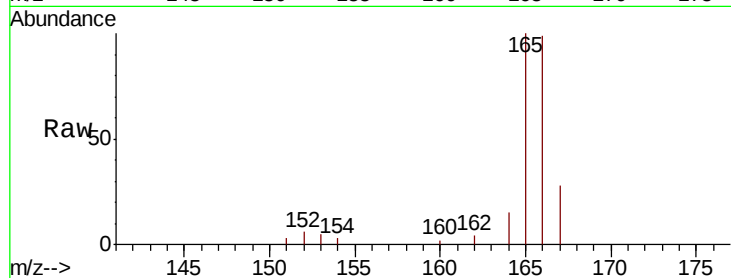
#9
Fluorene
 Concen: 0.145 ng/ul
 RT: 15.25 min Scan# 3267
 Delta R.T. -0.00 min
 Lab File: BN008885.D
 Acq: 07 Dec 2019 12:04

Instrument :
 BNA_N
 ClientSampleId :
 C0BL7DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.6	77.7	116.5
167	28.5	11.1	16.7#

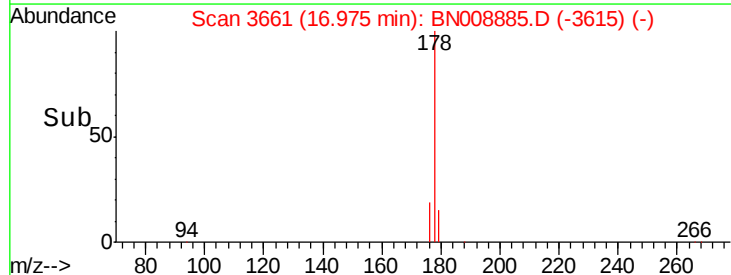
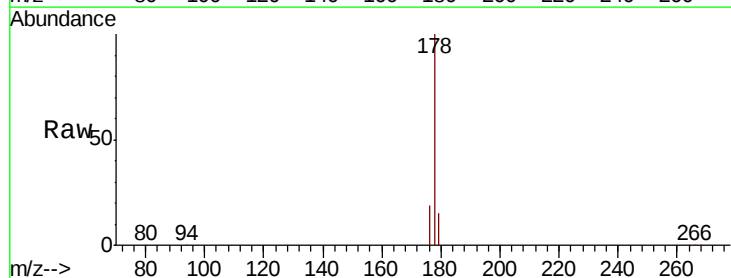
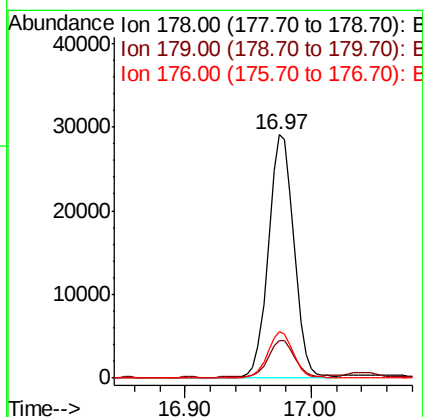
Manual Integrations
 APPROVED

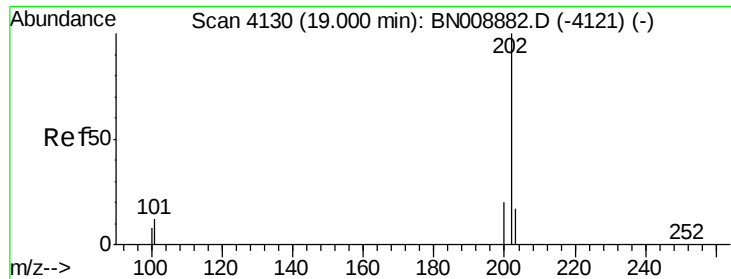
mohammad
 12/9/2019 3:11:42 PM



#12
Phenanthrene
 Concen: 0.819 ng/ul
 RT: 16.97 min Scan# 3661
 Delta R.T. -0.00 min
 Lab File: BN008885.D
 Acq: 07 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	18.9	15.3	22.9





#15

Fluoranthene

Concen: 0.115 ng/ul

RT: 19.00 min Scan# 4130

Delta R.T. -0.00 min

Lab File: BN008885.D

Acq: 07 Dec 2019 12:04

Instrument :

BNA_N

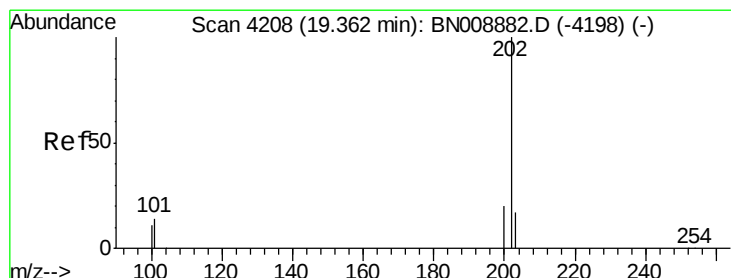
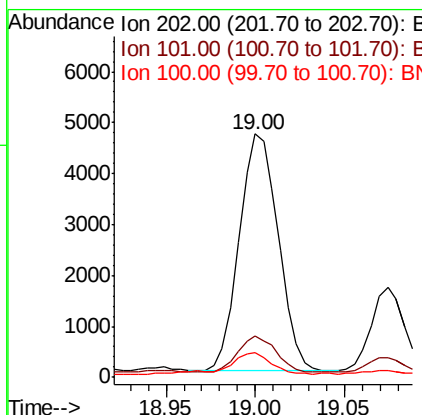
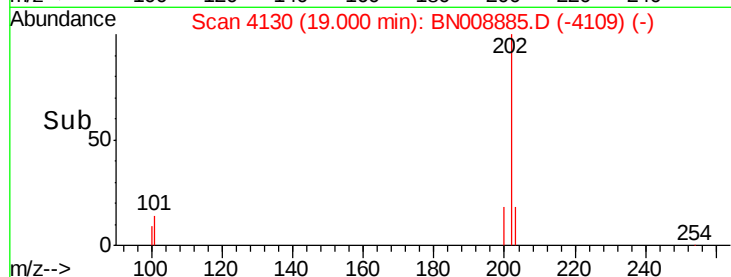
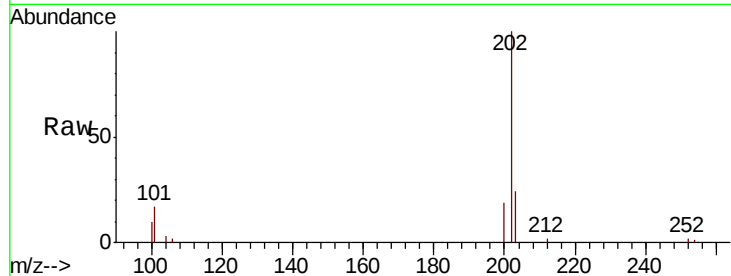
ClientSampleId :

C0BL7DL

Tot Ion:	202	Resp:	7036
Ion Ratio	Lower	Upper	
202	100		
101	17.0	0.0	32.4
100	10.0	0.0	29.2

Manual Integrations
APPROVED

mohammad
12/9/2019 3:11:42 PM



#17

Pyrene

Concen: 0.201 ng/ul

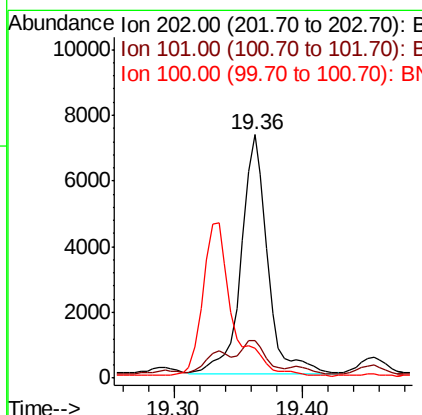
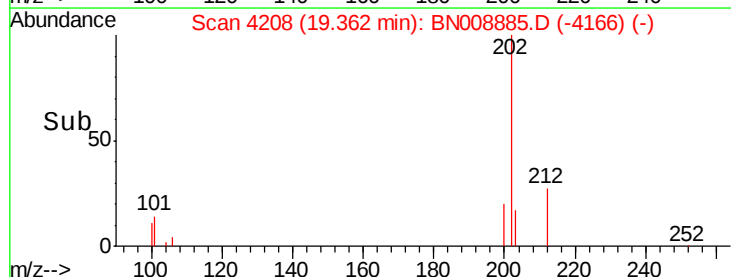
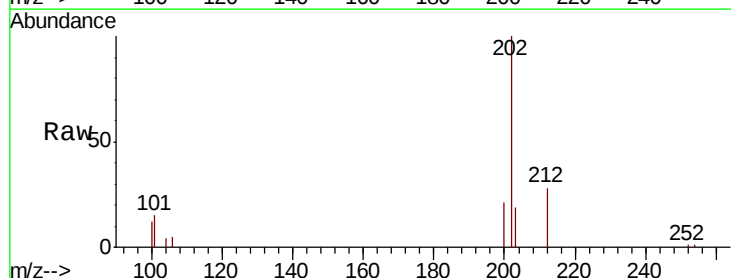
RT: 19.36 min Scan# 4208

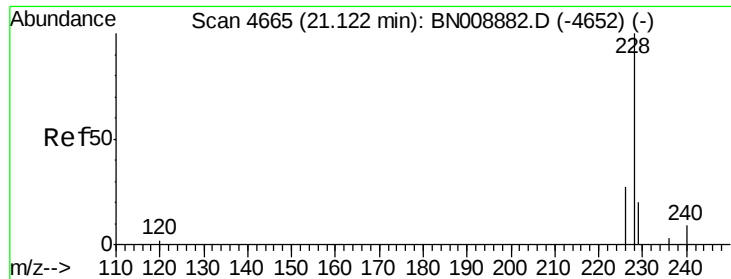
Delta R.T. -0.00 min

Lab File: BN008885.D

Acq: 07 Dec 2019 12:04

Tgt Ion:	202	Resp:	10319
Ion Ratio	Lower	Upper	
202	100		
101	15.3	12.2	18.4
100	12.1	9.5	14.3





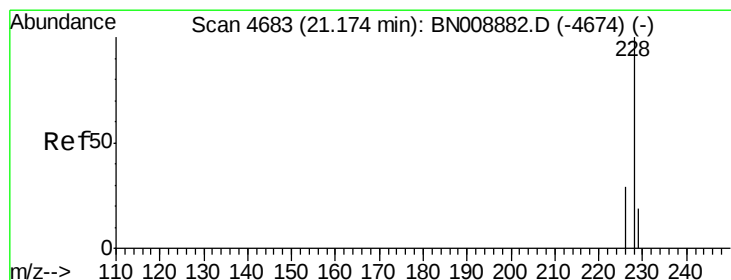
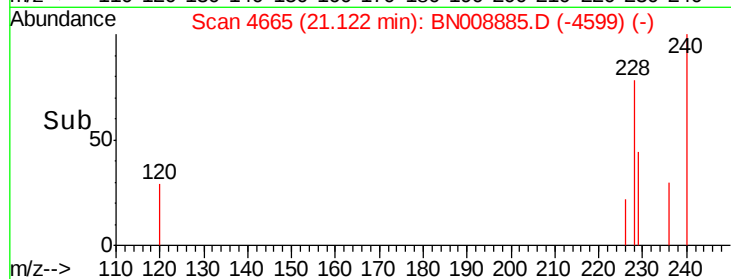
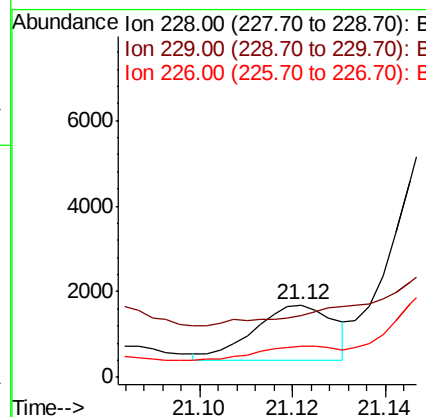
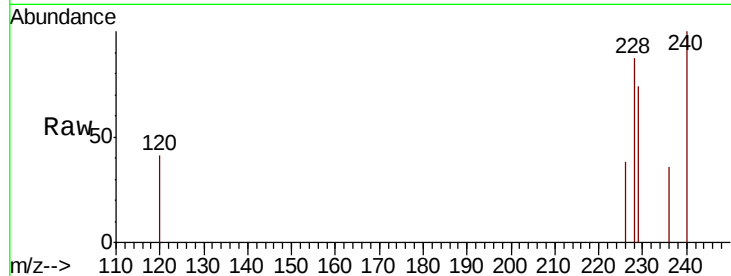
#18
Benzo(a)anthracene
Concen: 0.031 ng/ul
RT: 21.12 min Scan# 4665
Delta R.T. -0.01 min
Lab File: BN008885.D
Acq: 07 Dec 2019 12:04

Instrument :
BNA_N
ClientSampleId :
C0BL7DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	85.4	15.7	23.5#
226	43.9	21.5	32.3#

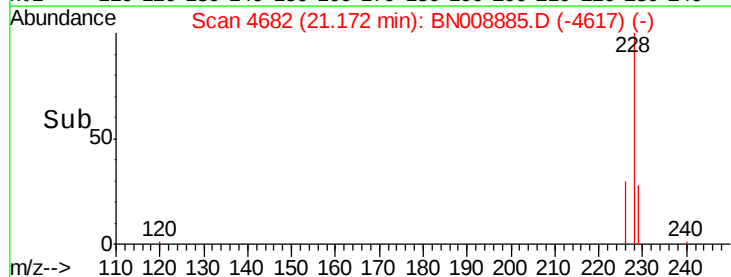
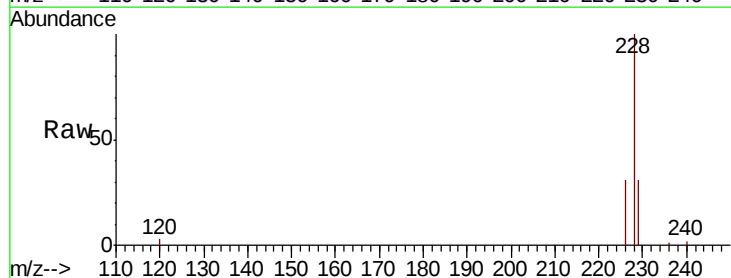
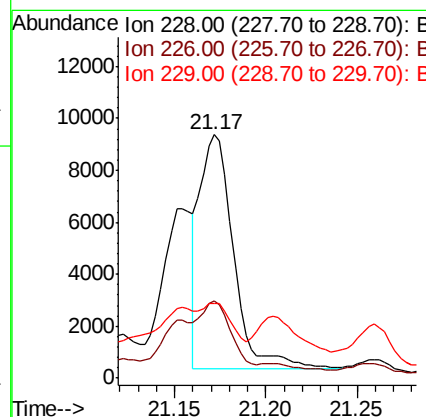
Manual Integrations
APPROVED

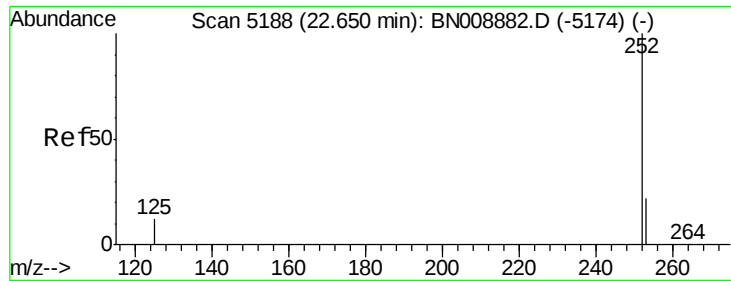
mohammad
12/9/2019 3:11:42 PM



#19
Chrysene
Concen: 0.229 ng/ul
RT: 21.17 min Scan# 4682
Delta R.T. -0.01 min
Lab File: BN008885.D
Acq: 07 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.8	35.6
229	30.8	15.6	23.4#





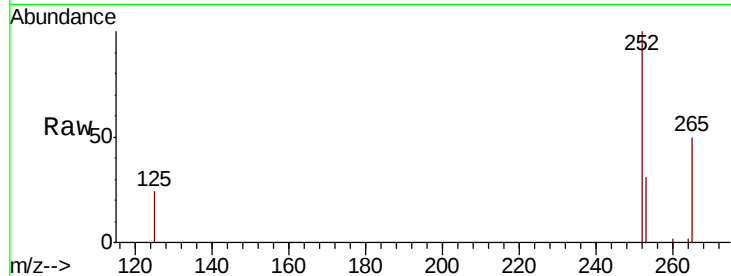
#21
Benzo(b)fluoranthene
Concen: 0.159 ng/ul m
RT: 22.65 min Scan# 5188
Delta R.T. -0.01 min
Lab File: BN008885.D
Acq: 07 Dec 2019 12:04

Instrument :
BNA_N
ClientSampleId :
C0BL7DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.6	0.0	48.6
125	23.5	0.0	31.6

Manual Integrations
APPROVED

mohammad
12/9/2019 3:11:42 PM

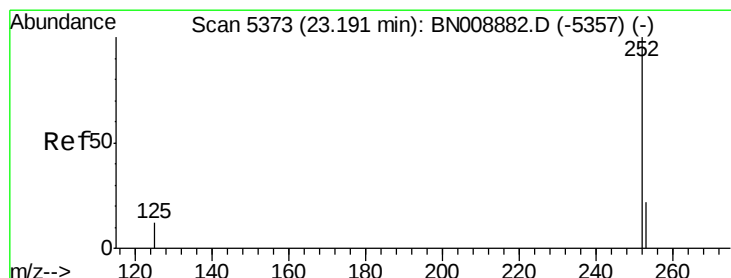
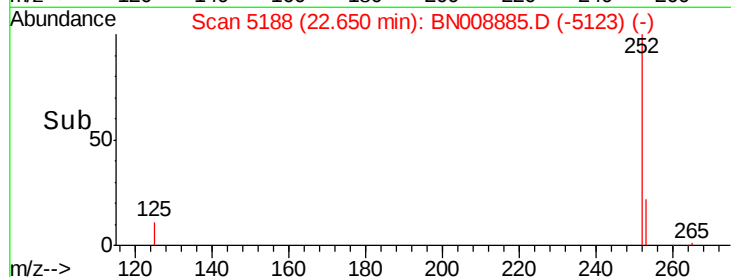
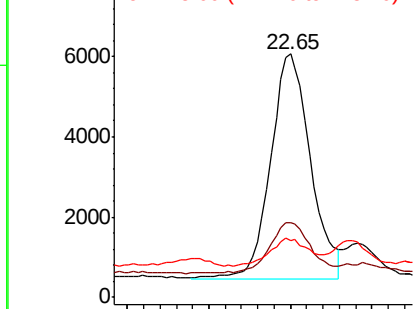


Abundance

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: 0.032 ng/ul
RT: 23.19 min Scan# 5373
Delta R.T. -0.01 min
Lab File: BN008885.D
Acq: 07 Dec 2019 12:04

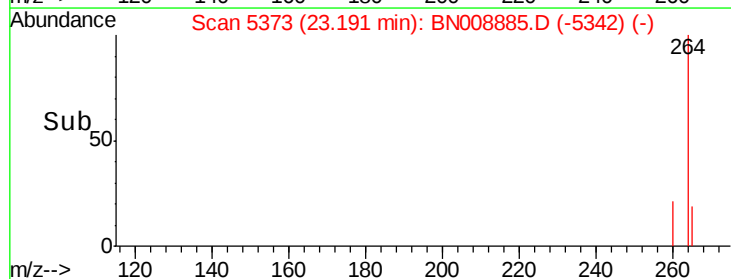
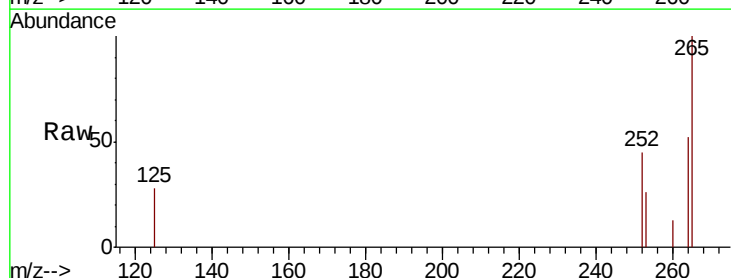
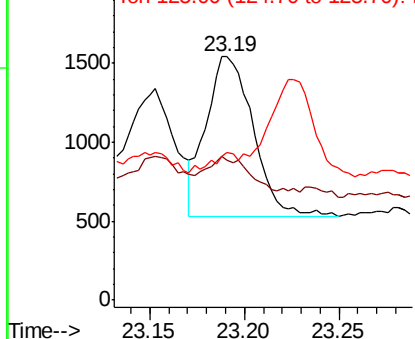
Tgt Ion	Ratio	Lower	Upper
252	100		
253	57.6	19.9	29.9#
125	60.7	14.6	22.0#

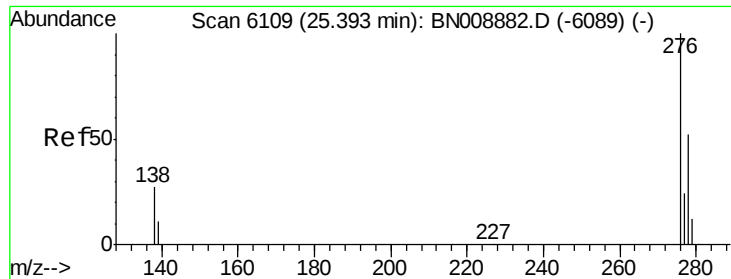
Abundance

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





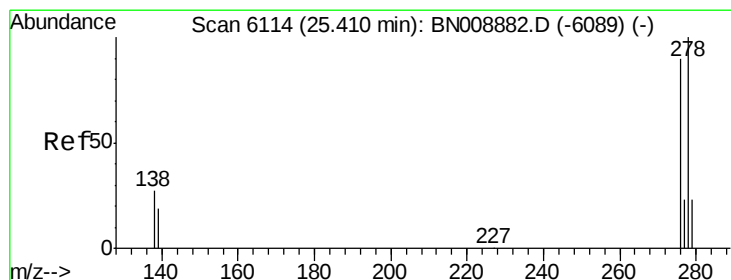
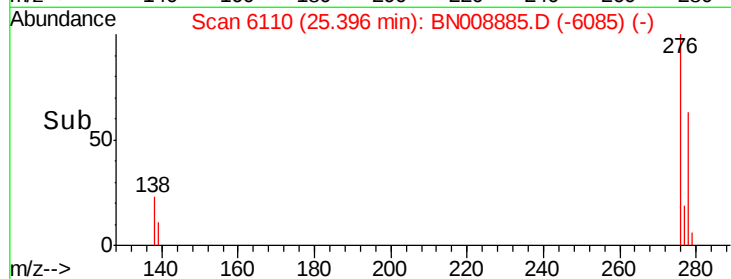
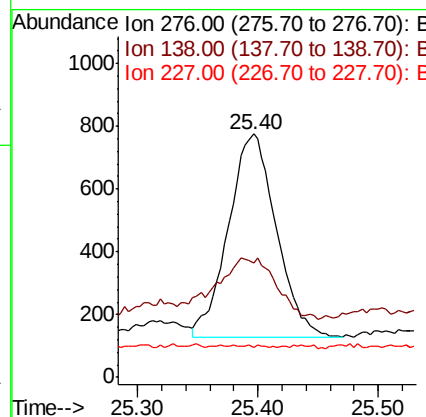
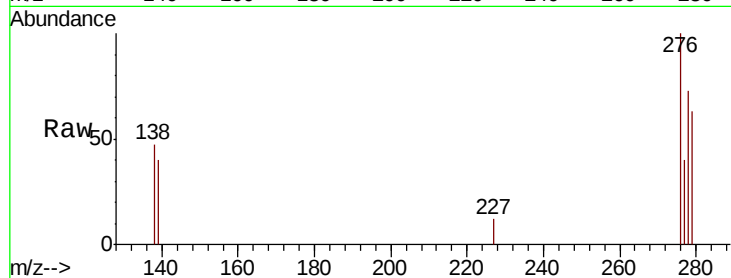
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.027 ng/ul
RT: 25.40 min Scan# 6110
Delta R.T. -0.02 min
Lab File: BN008885.D
Acq: 07 Dec 2019 12:04

Instrument :
BNA_N
ClientSampleId :
C0BL7DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	38.0	23.8	35.6#
227	0.9	0.2	0.2#

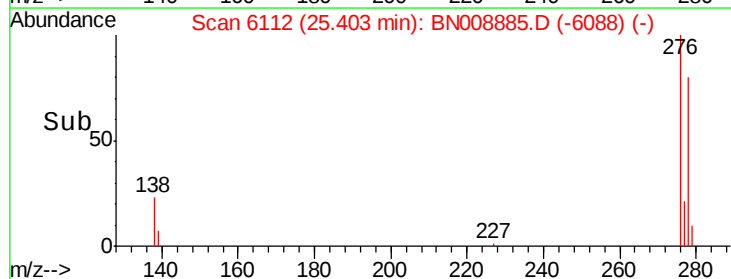
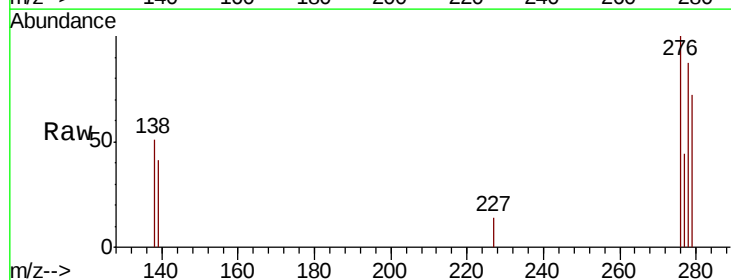
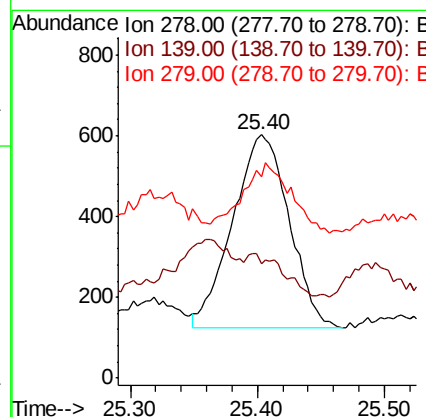
Manual Integrations
APPROVED

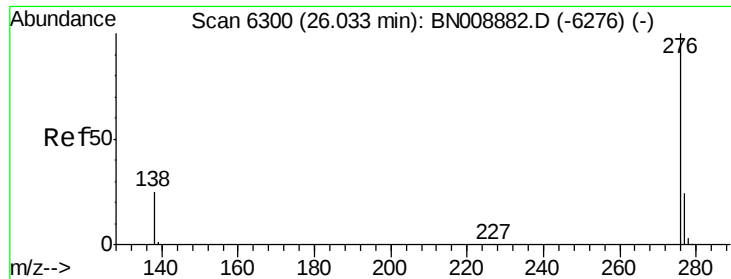
mohammad
12/9/2019 3:11:42 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.028 ng/ul
RT: 25.40 min Scan# 6112
Delta R.T. -0.02 min
Lab File: BN008885.D
Acq: 07 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	46.9	17.4	26.0#
279	82.9	20.5	30.7#





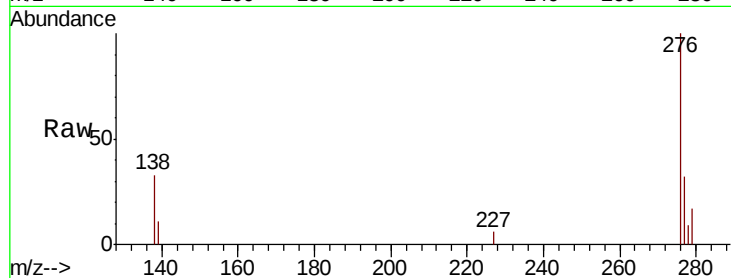
#26
Benzo(a,h,i)perylene
Concen: 0.074 ng/ul
RT: 26.04 min Scan# 6301
Delta R.T. -0.02 min
Lab File: BN008885.D
Acq: 07 Dec 2019 12:04

Instrument :
BNA_N
ClientSampleId :
C0BL7DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.1	21.9	32.9#
277	31.6	19.9	29.9#

Manual Integrations
APPROVED

mohammad
12/9/2019 3:11:42 PM



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

