

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
 Data File : BN006995.D
 Acq On : 07 Aug 2019 19:45
 Operator : HP/JU
 Sample : K3893-02DL 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP00DL

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:04 AM

Quant Time: Aug 08 05:17:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	6838	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	27740	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	17649	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	44709	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	39817	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	35827	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	1004	0.02	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	3043	0.02	ng/ul	0.00
Target Compounds				Qvalue		
12) Phenanthrene	16.90	178	33991	0.239	ng/ul	99
13) Anthracene	16.99	178	5355	0.037	ng/ul#	94
15) Fluoranthene	18.93	202	110759	0.625	ng/ul	99
17) Pyrene	19.30	202	96959	0.545	ng/ul	99
18) Benzo(a)anthracene	21.06	228	47047	0.269	ng/ul	97
19) Chrysene	21.11	228	57045	0.348	ng/ul	98
21) Benzo(b)fluoranthene	22.58	252	75093m	0.517	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	25107m	0.178	ng/ul	
23) Benzo(a)pyrene	23.11	252	42742	0.313	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.30	276	28499	0.193	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.31	278	6873	0.058	ng/ul#	72
26) Benzo(g,h,i)perylene	25.94	276	24877	0.201	ng/ul	96

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

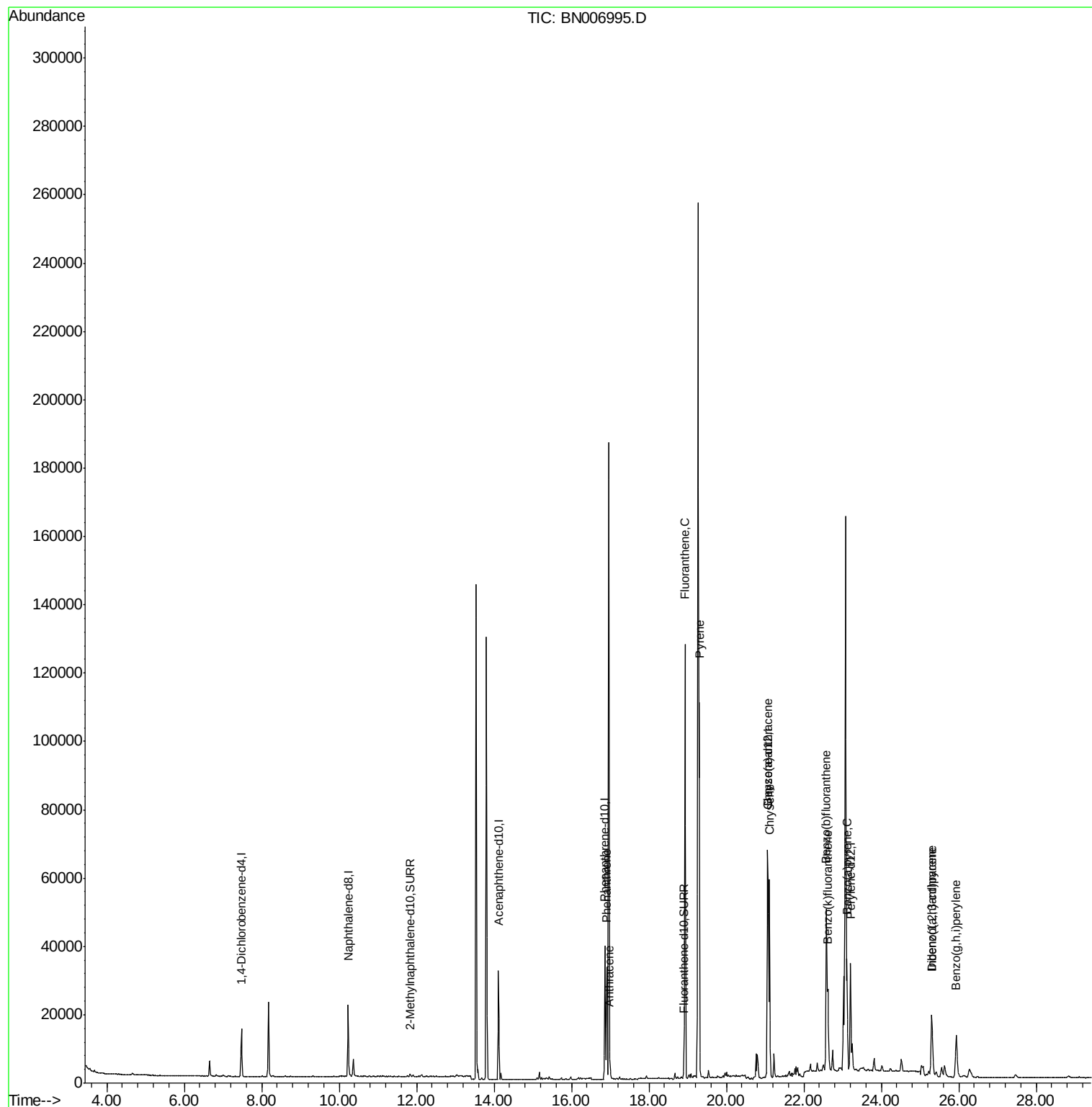
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006995.D
Acq On : 07 Aug 2019 19:45
Operator : HP/JU
Sample : K3893-02DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

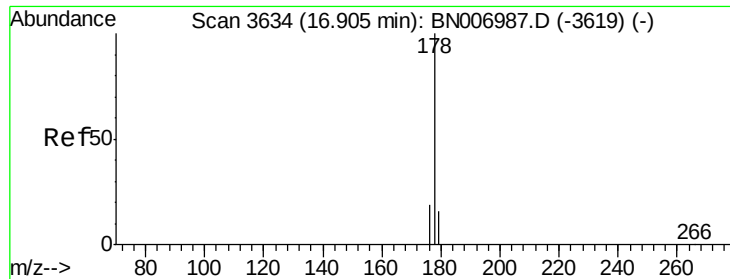
Instrument :
BNA_N
ClientSampleId :
BEP00DL

Manual Integrations
APPROVED

mohammad
8/9/2019 6:15:04 AM

Quant Time: Aug 08 05:17:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.239 ng/ul

RT: 16.90 min Scan# 3634

Delta R.T. -0.00 min

Lab File: BN006995.D

Acq: 07 Aug 2019 19:45

Instrument :

BNA_N

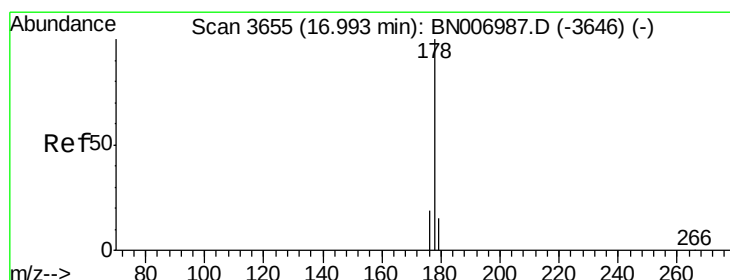
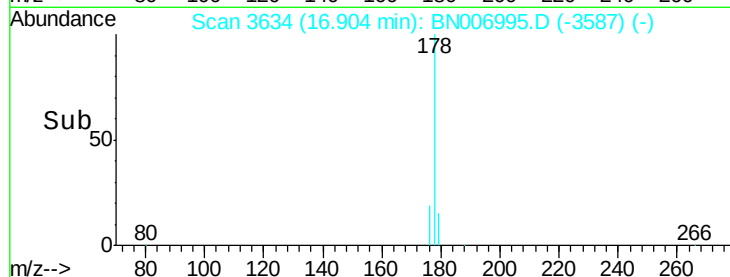
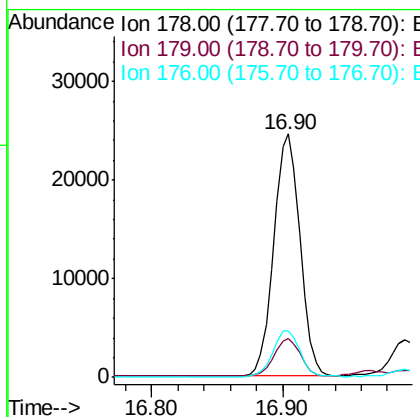
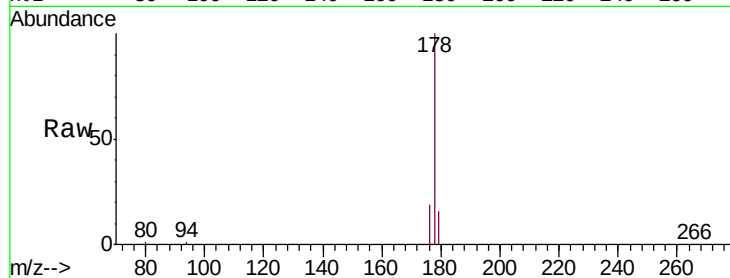
ClientSampleId :

BEP00DL

Tgt Ion:	178	Resp:	33991
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.5	18.7
176	19.0	15.6	23.4

Manual Integrations
APPROVED

mohammad
8/9/2019 6:15:04 AM



#13

Anthracene

Concen: 0.037 ng/ul

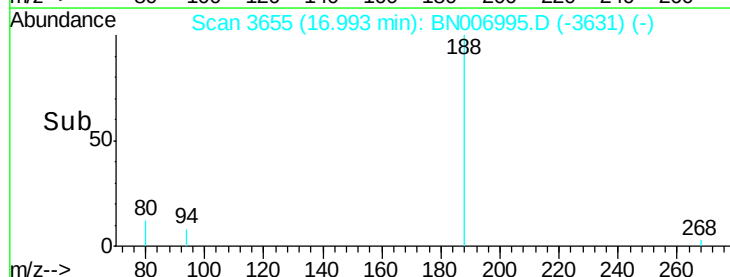
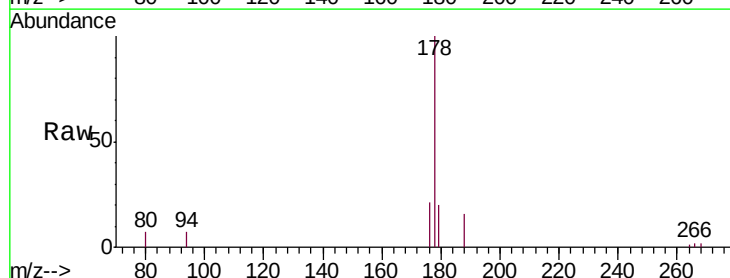
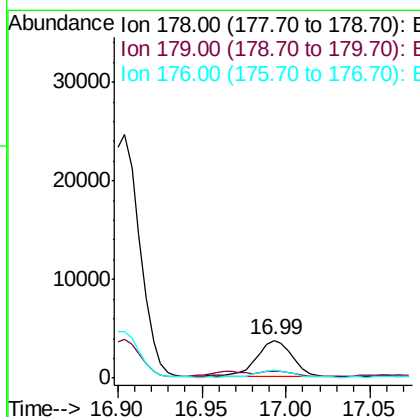
RT: 16.99 min Scan# 3655

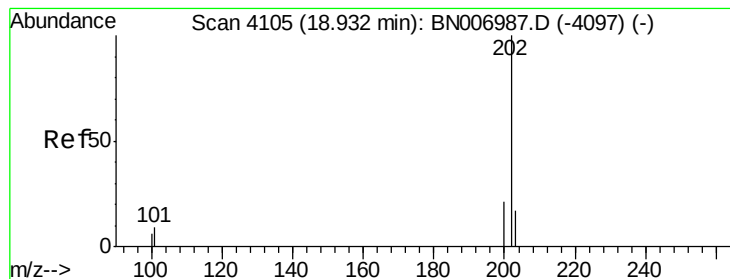
Delta R.T. -0.00 min

Lab File: BN006995.D

Acq: 07 Aug 2019 19:45

Tgt Ion:	178	Resp:	5355
Ion Ratio	Lower	Upper	
178	100		
179	19.6	12.6	18.8#
176	21.0	15.4	23.0





#15

Fluoranthene

Concen: 0.625 ng/ul

RT: 18.93 min Scan# 4105

Delta R.T. -0.00 min

Lab File: BN006995.D

Acq: 07 Aug 2019 19:45

Instrument :

BNA_N

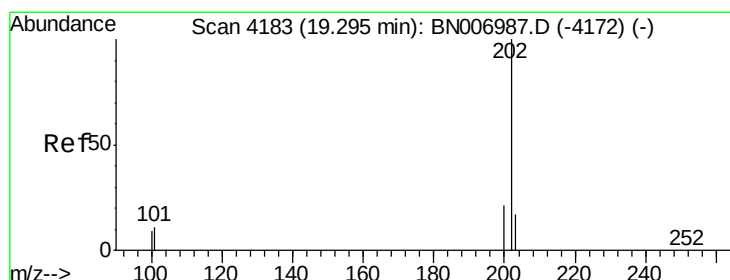
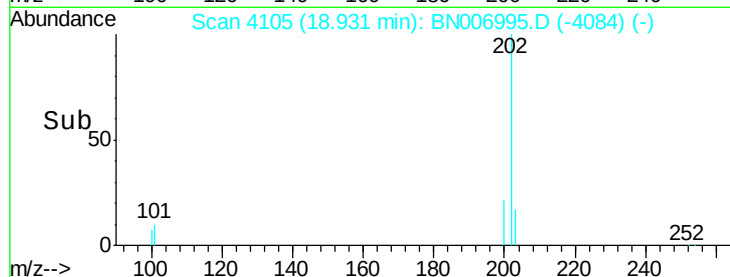
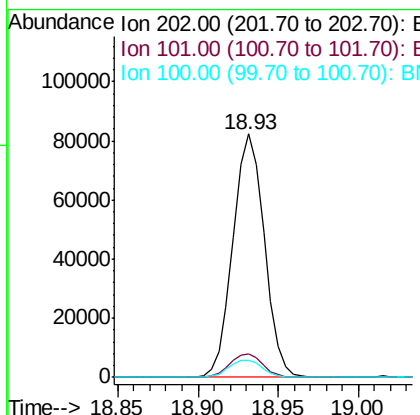
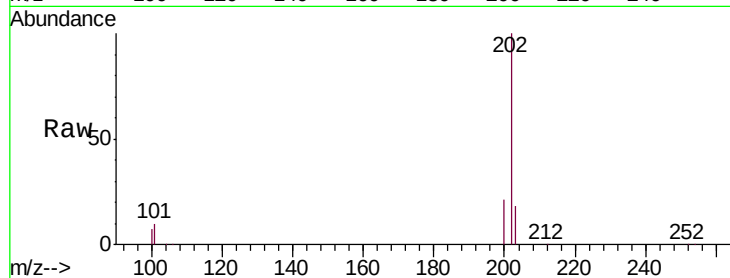
ClientSampleId :

BEP00DL

Tgt Ion:	202	Resp:	110759
Ion Ratio		Lower	Upper
202	100		
101	9.8	0.0	30.0
100	7.2	0.0	27.7

Manual Integrations
APPROVED

mohammad
8/9/2019 6:15:04 AM



#17

Pyrene

Concen: 0.545 ng/ul

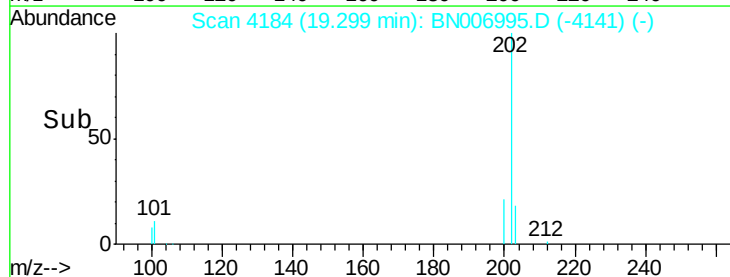
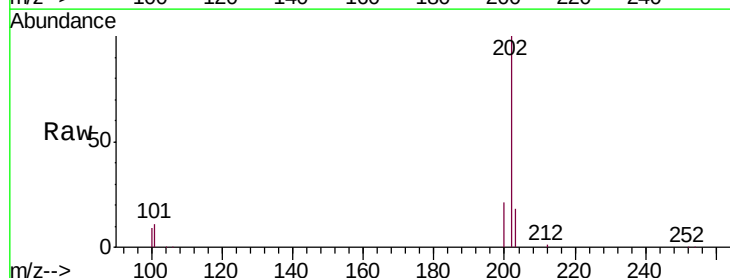
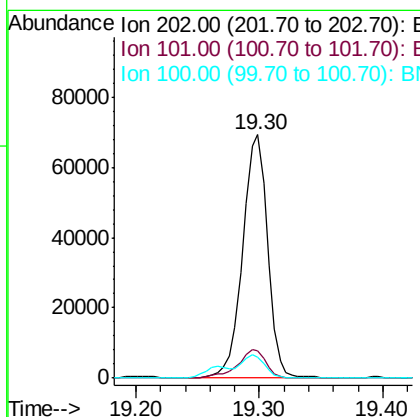
RT: 19.30 min Scan# 4184

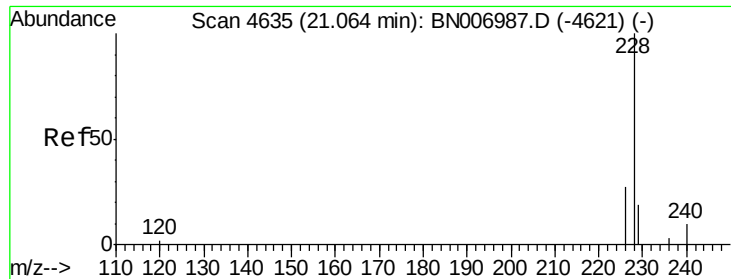
Delta R.T. -0.00 min

Lab File: BN006995.D

Acq: 07 Aug 2019 19:45

Tgt Ion:	202	Resp:	96959
Ion Ratio		Lower	Upper
202	100		
101	11.0	9.3	13.9
100	8.6	7.3	10.9





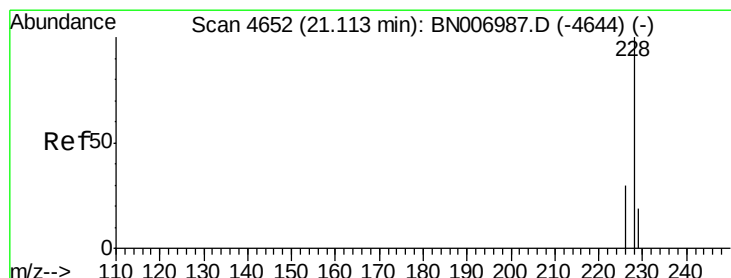
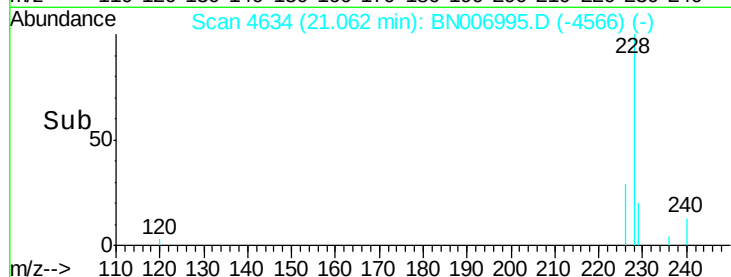
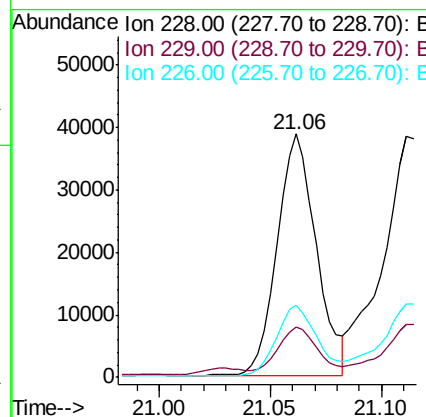
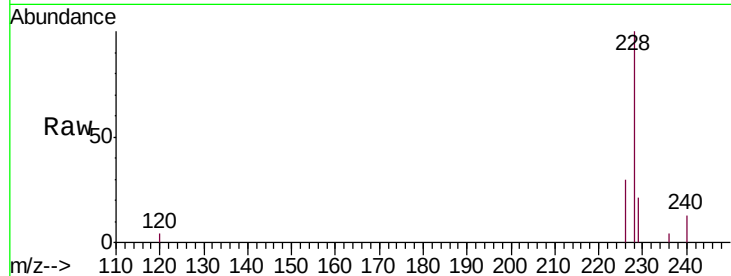
#18
Benzo(a)anthracene
Concen: 0.269 ng/ul
RT: 21.06 min Scan# 4634
Delta R.T. -0.00 min
Lab File: BN006995.D
Acq: 07 Aug 2019 19:45

Instrument :
BNA_N
ClientSampled :
BEP00DL

Tgt Ion:228 Resp: 47047
Ion Ratio Lower Upper
228 100
229 20.6 15.9 23.9
226 29.9 22.2 33.4

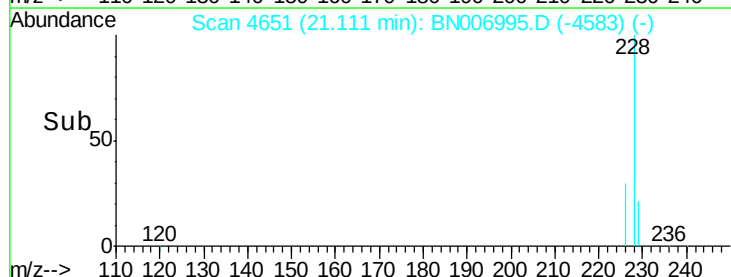
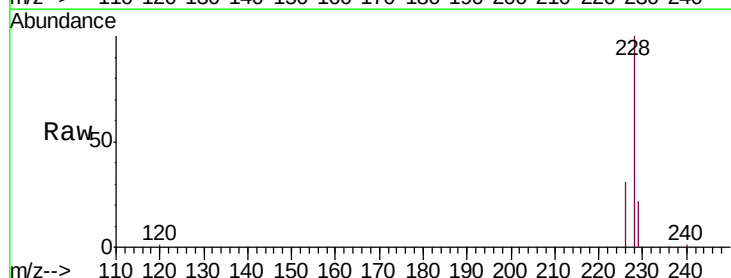
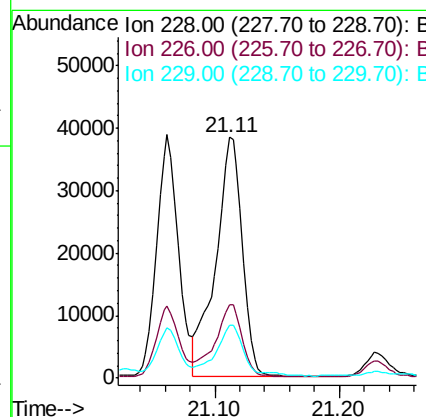
Manual Integrations
APPROVED

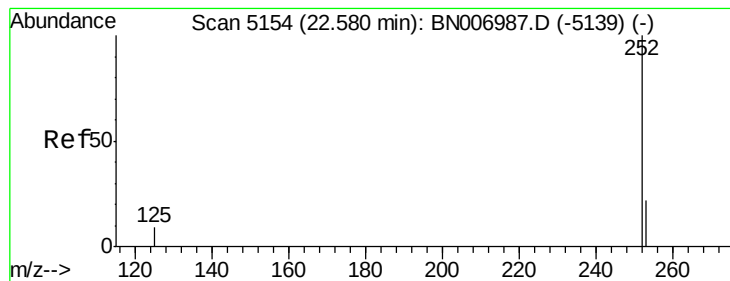
mohammad
8/9/2019 6:15:04 AM



#19
Chrysene
Concen: 0.348 ng/ul
RT: 21.11 min Scan# 4651
Delta R.T. -0.00 min
Lab File: BN006995.D
Acq: 07 Aug 2019 19:45

Tgt Ion:228 Resp: 57045
Ion Ratio Lower Upper
228 100
226 30.7 24.7 37.1
229 21.9 15.5 23.3





#21

Benzo(b)fluoranthene

Concen: 0.517 ng/ul m

RT: 22.58 min Scan# 5154

Delta R.T. 0.00 min

Lab File: BN006995.D

Acq: 07 Aug 2019 19:45

Instrument :

BNA_N

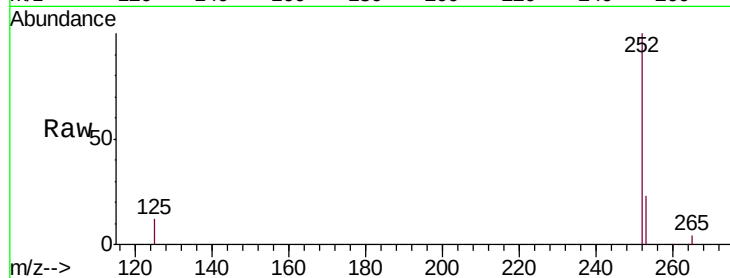
ClientSampleId :

BEP00DL

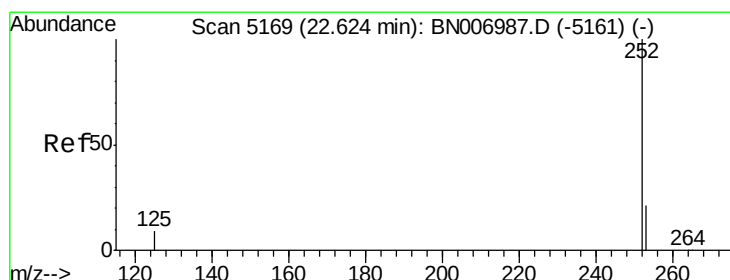
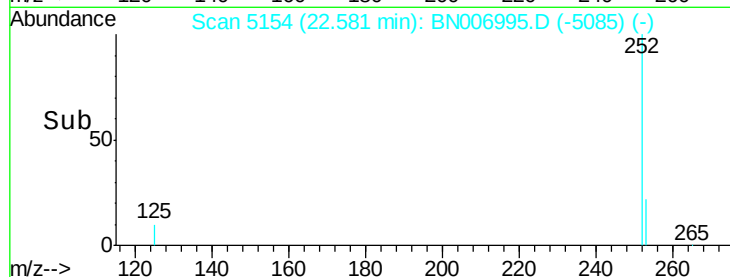
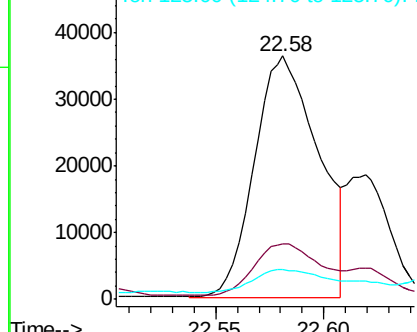
Tgt Ion:	252	Resp:	75093
Ion Ratio	Lower	Upper	
252	100		
253	22.9	0.0	45.2
125	12.5	0.0	22.2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:15:04 AM



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: 0.178 ng/ul m

RT: 22.62 min Scan# 5167

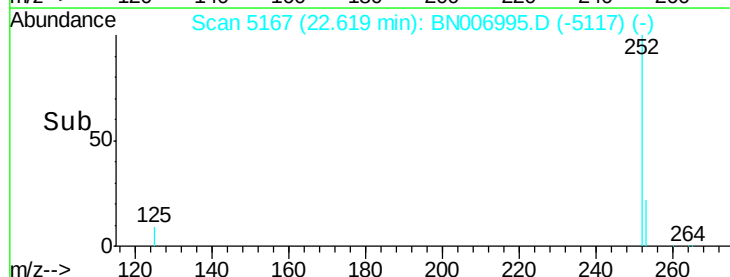
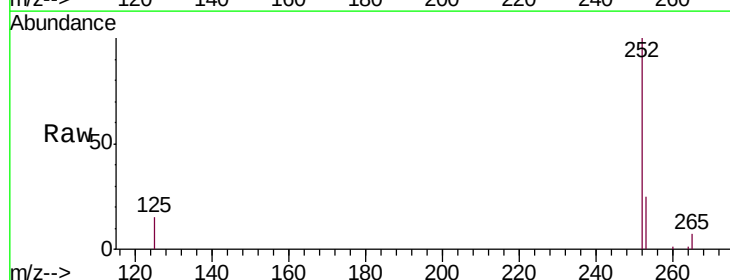
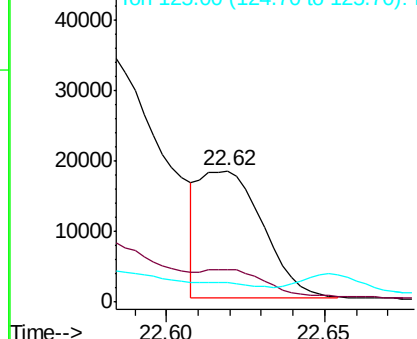
Delta R.T. -0.00 min

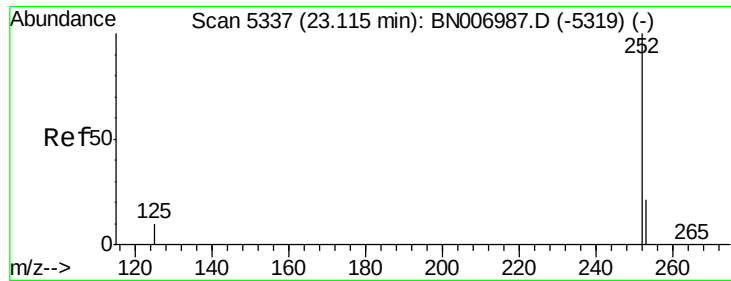
Lab File: BN006995.D

Acq: 07 Aug 2019 19:45

Tgt Ion:	252	Resp:	25107
Ion Ratio	Lower	Upper	
252	100		
253	24.6	18.6	28.0
125	14.6	8.7	13.1#

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: 0.313 ng/ul

RT: 23.11 min Scan# 5336

Delta R.T. -0.00 min

Lab File: BN006995.D

Acq: 07 Aug 2019 19:45

Instrument :

BNA_N

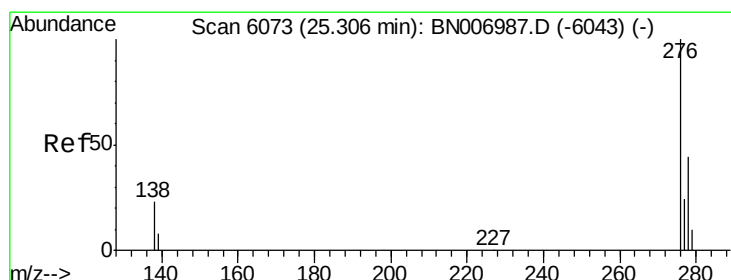
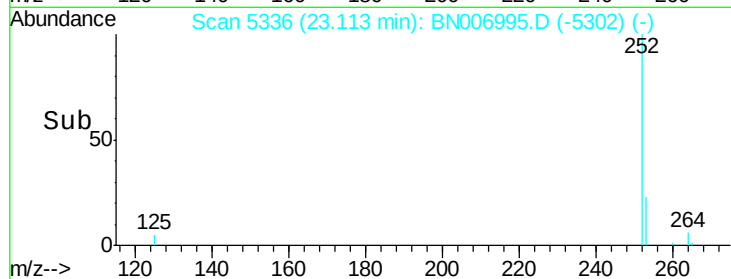
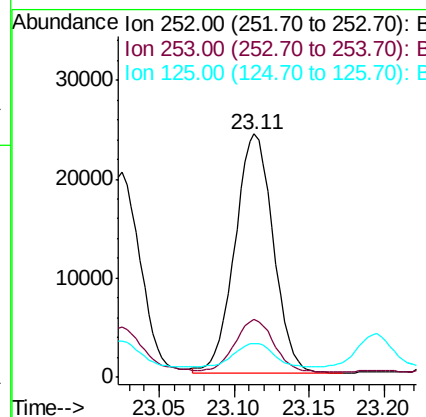
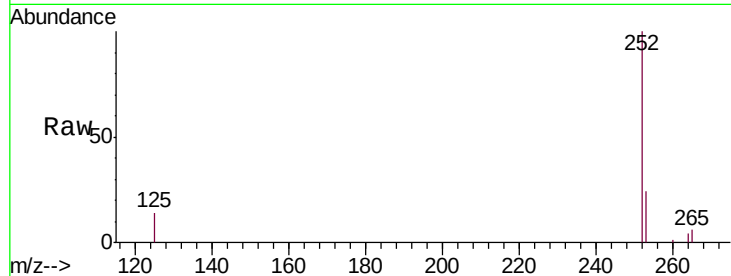
ClientSampleId :

BEP00DL

Tgt Ion:	252	Resp:	42742
Ion Ratio	Lower	Upper	
252	100		
253	23.8	18.0	27.0
125	13.6	10.0	15.0

Manual Integrations
APPROVED

mohammad
8/9/2019 6:15:04 AM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.193 ng/ul

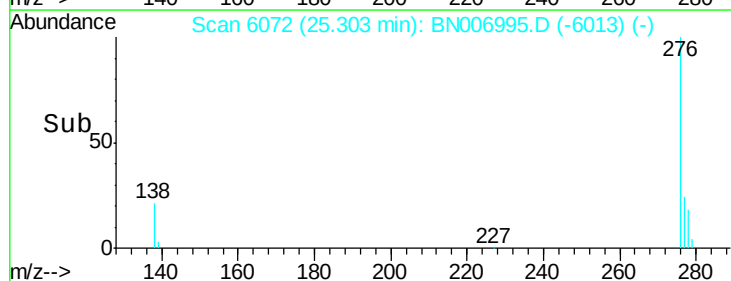
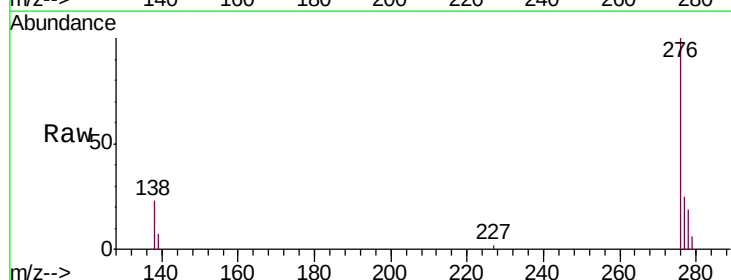
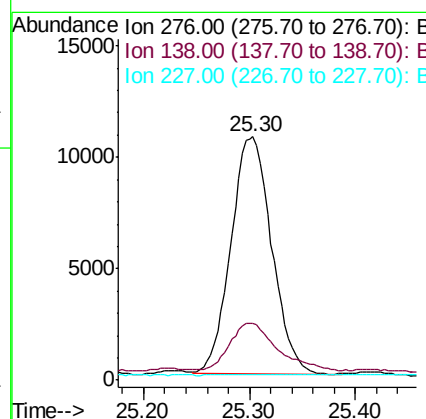
RT: 25.30 min Scan# 6072

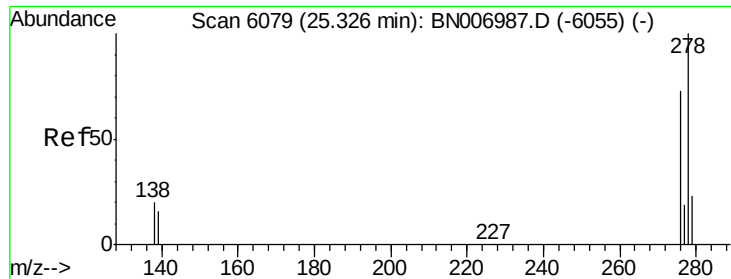
Delta R.T. -0.00 min

Lab File: BN006995.D

Acq: 07 Aug 2019 19:45

Tgt Ion:	276	Resp:	28499
Ion Ratio	Lower	Upper	
276	100		
138	24.2	19.9	29.9
227	0.1	0.2	0.4#





#25

Dibenzo(a,h)anthracene

Concen: 0.058 ng/ul

RT: 25.31 min Scan# 6075

Delta R.T. -0.01 min

Lab File: BN006995.D

Acq: 07 Aug 2019 19:45

Instrument :

BNA_N

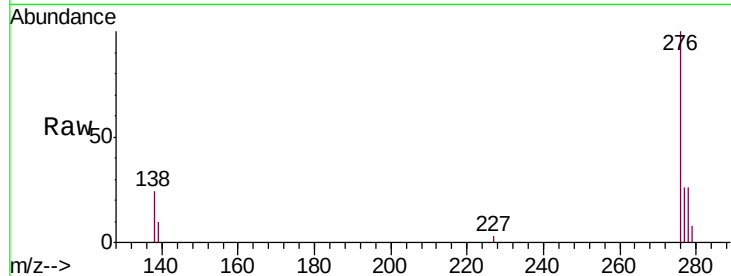
ClientSampleId :

BEP00DL

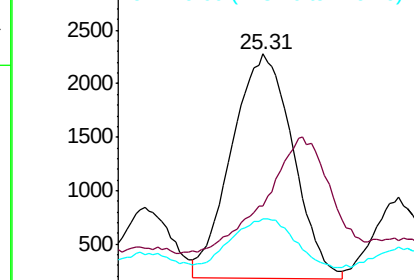
Tgt Ion:	278	Resp:	6873
Ion Ratio	Lower	Upper	
278	100		
139	37.3	14.3	21.5#
279	32.3	19.6	29.4#

Manual Integrations
APPROVED

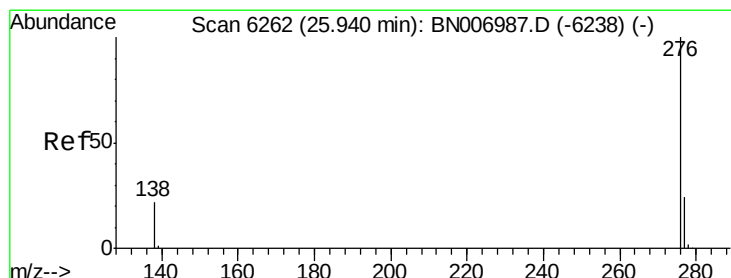
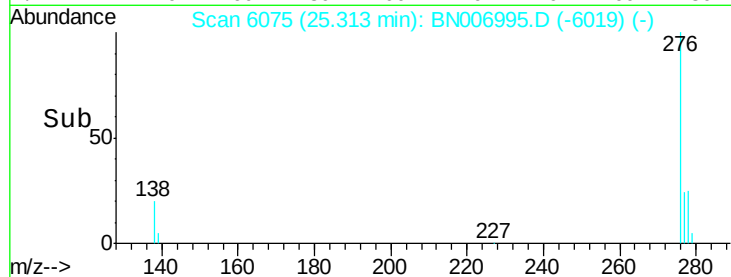
mohammad
8/9/2019 6:15:04 AM



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



Time-->



#26

Benzo(g,h,i)perylene

Concen: 0.201 ng/ul

RT: 25.94 min Scan# 6261

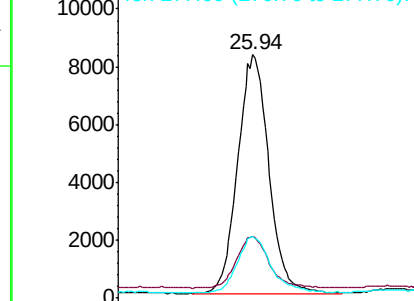
Delta R.T. 0.00 min

Lab File: BN006995.D

Acq: 07 Aug 2019 19:45

Tgt Ion:	276	Resp:	24877
Ion Ratio	Lower	Upper	
276	100		
138	25.6	18.7	28.1
277	25.6	19.3	28.9

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



Time-->

