

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
 Data File : BN016073.D
 Acq On : 26 Aug 2021 14:45
 Operator : CG/JU
 Sample : M3362-01DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JMXD6DL

Manual Integrations
 APPROVED

mohammad
 8/27/2021 5:09:51 PM

Quant Time: Aug 26 15:15:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 26 11:35:43 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	1421	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	6194	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.501	164	3718	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.250	188	8001	0.400	ng/ul	0.00
17) Chrysene-d12	21.448	240	7845	0.400	ng/ul	0.02
23) Perylene-d12	23.845	264	6818	0.400	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	763	0.396	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	233	0.025	ng/ul	0.00
18) Fluoranthene-d10	19.280	212	590	0.028	ng/ul	0.00
Target Compounds						
					Qvalue	
11) Acenaphthene	14.562	153	3160	0.279	ng/ul	99
12) Fluorene	15.552	166	1478	0.110	ng/ul#	96
15) Phenanthrene	17.288	178	9429	0.427	ng/ul	99
16) Anthracene	17.381	178	916	0.048	ng/ul#	83
19) Fluoranthene	19.308	202	4214	0.172	ng/ul	98
20) Pyrene	19.671	202	4006	0.162	ng/ul	97
21) Benzo(a)anthracene	21.433	228	1367	0.056	ng/ul	92
22) Chrysene	21.486	228	2222	0.085	ng/ul	97
24) Benzo(b)fluoranthene	23.117	252	1304m	0.051	ng/ul	
25) Benzo(k)fluoranthene	23.161	252	586m	0.023	ng/ul	
26) Benzo(a)pyrene	23.734	252	890	0.042	ng/ul#	28

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

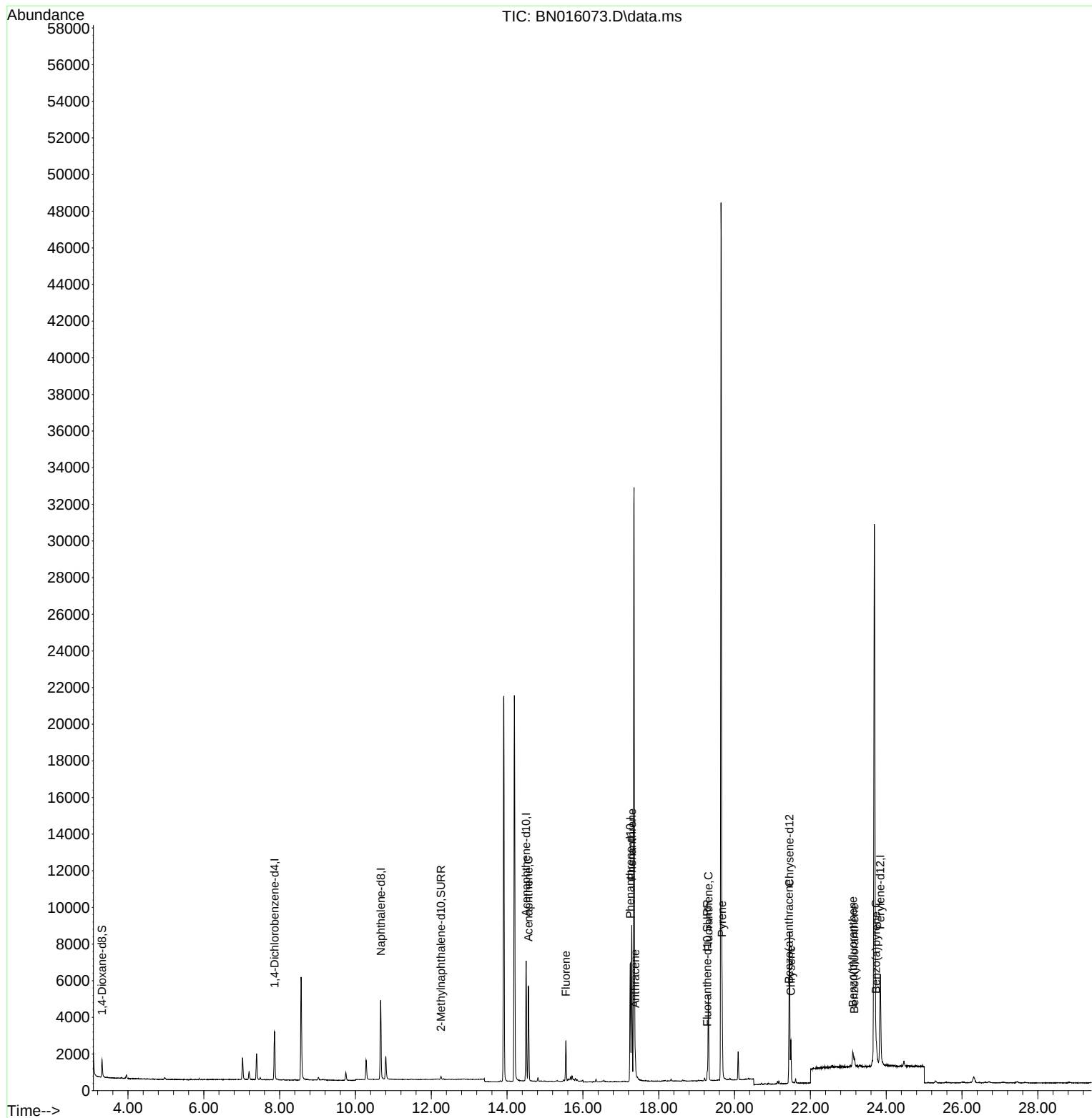
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
Data File : BN016073.D
Acq On : 26 Aug 2021 14:45
Operator : CG/JU
Sample : M3362-01DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

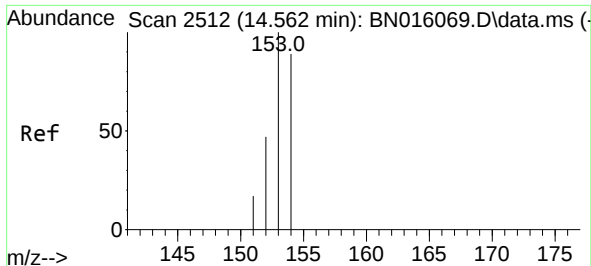
Instrument :
BNA_N
ClientSampleId :
JMXD6DL

Manual Integrations
APPROVED

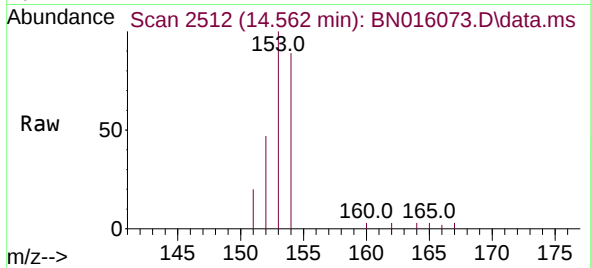
mohammad
8/27/2021 5:09:51 PM

Quant Time: Aug 26 15:15:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 26 11:35:43 2021
Response via : Initial Calibration

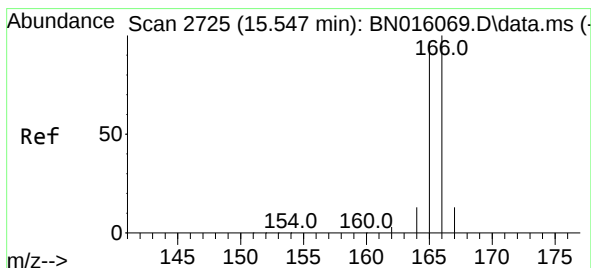
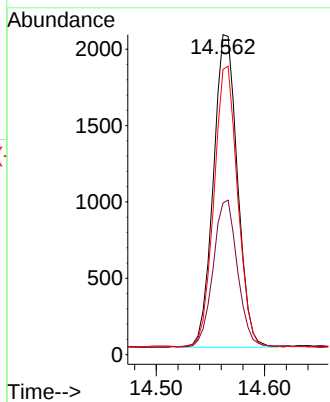
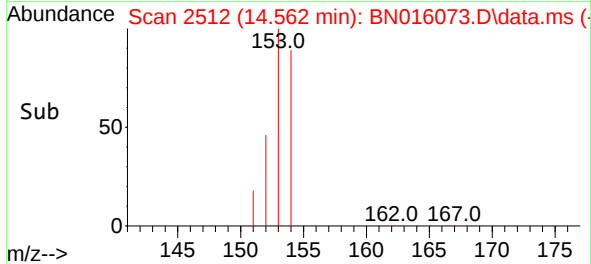




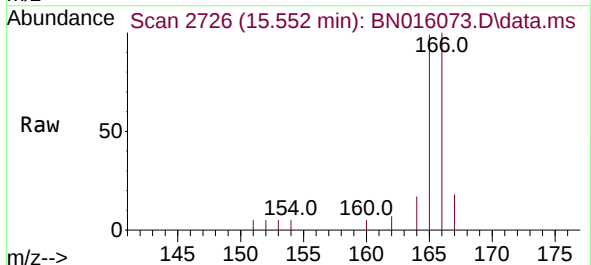
#11
Acenaphthene
Concen: 0.279 ng/ul
RT: 14.562 min Scan# 2512
Delta R.T. -0.000 min
Lab File: BN016073.D
Acq: 26 Aug 2021 14:45



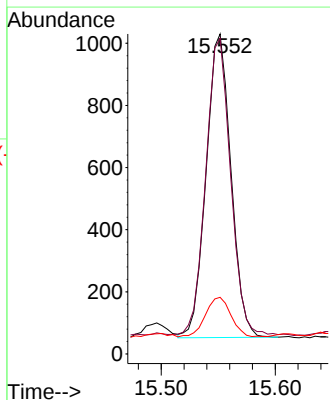
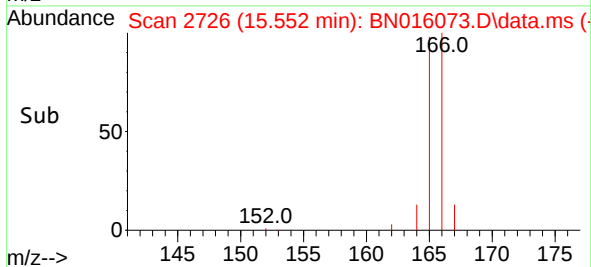
Tgt Ion:153 Resp: 3160
Ion Ratio Lower Upper
153 100
152 47.4 38.3 57.5
154 89.2 70.2 105.2



#12
Fluorene
Concen: 0.110 ng/ul
RT: 15.552 min Scan# 2726
Delta R.T. 0.005 min
Lab File: BN016073.D
Acq: 26 Aug 2021 14:45



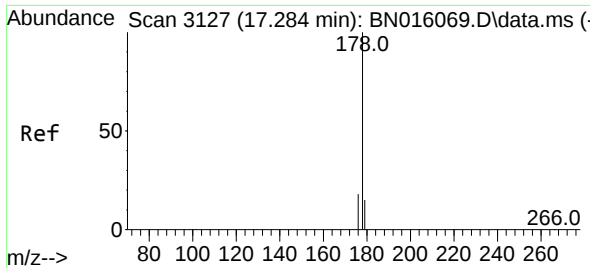
Tgt Ion:166 Resp: 1478
Ion Ratio Lower Upper
166 100
165 98.6 76.2 114.2
167 17.7 11.5 17.3#



Instrument :
BNA_N
ClientSampleID :
JMXD6DL

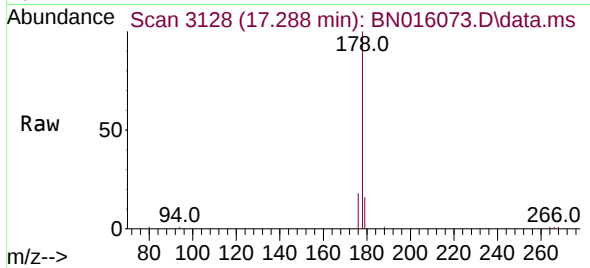
Manual Integrations
APPROVED

mohammad
8/27/2021 5:09:51 PM



#15
Phenanthrene
Concen: 0.427 ng/ul
RT: 17.288 min Scan# 3128
Delta R.T. 0.004 min
Lab File: BN016073.D
Acq: 26 Aug 2021 14:45

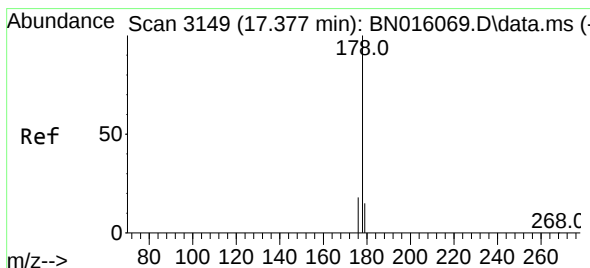
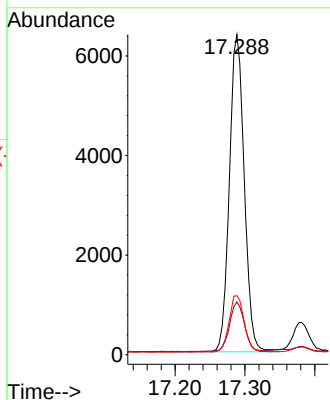
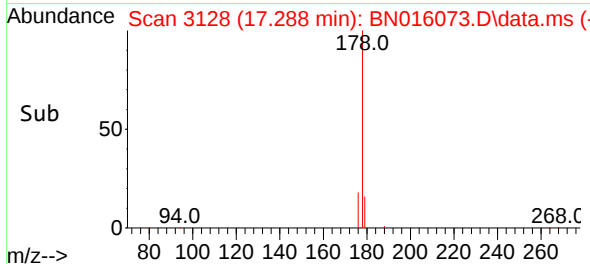
Instrument :
BNA_N
ClientSampled :
JMXD6DL



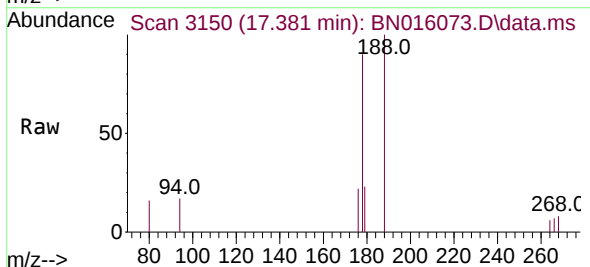
Tgt Ion:178 Resp: 9429
Ion Ratio Lower Upper
178 100
179 16.4 13.4 20.2
176 18.4 15.0 22.4

Manual Integrations
APPROVED

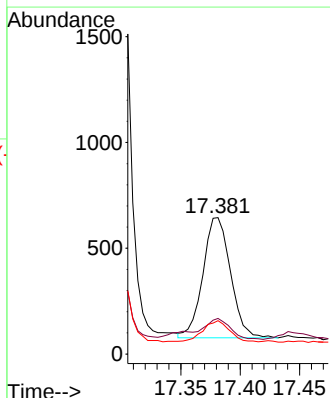
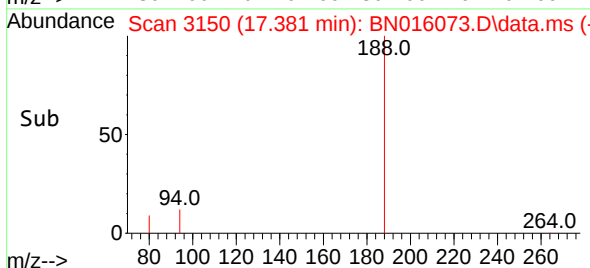
mohammad
8/27/2021 5:09:51 PM

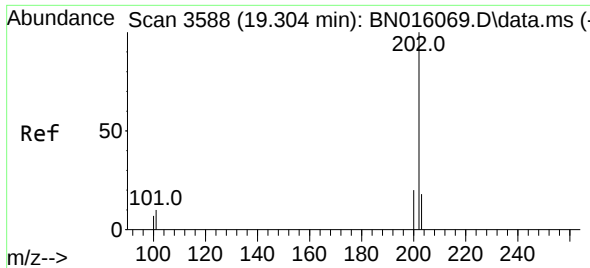


#16
Anthracene
Concen: 0.048 ng/ul
RT: 17.381 min Scan# 3150
Delta R.T. 0.004 min
Lab File: BN016073.D
Acq: 26 Aug 2021 14:45



Tgt Ion:178 Resp: 916
Ion Ratio Lower Upper
178 100
179 26.0 13.4 20.0#
176 24.5 14.9 22.3#





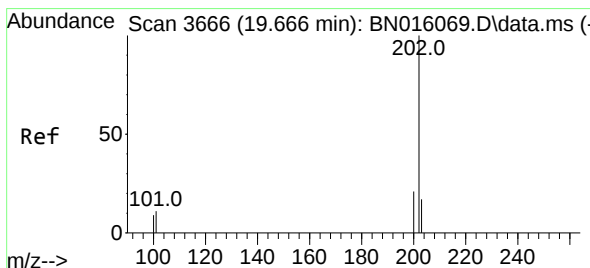
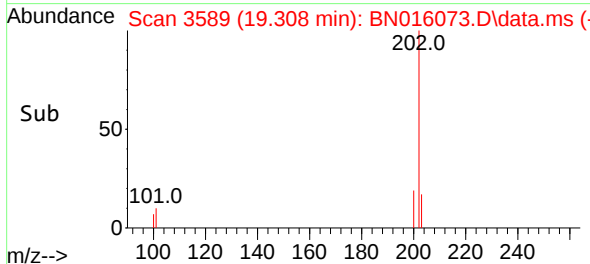
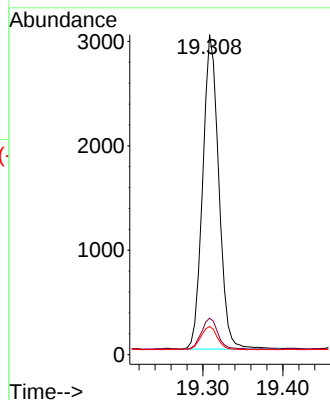
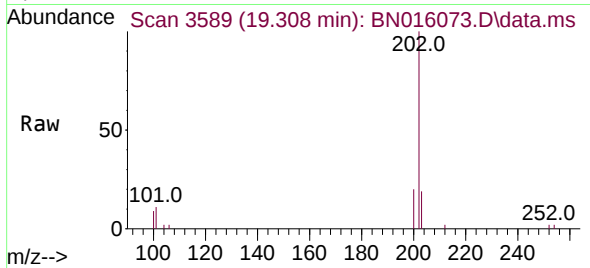
#19
Fluoranthene
Concen: 0.172 ng/ul
RT: 19.308 min Scan# 3589
Delta R.T. 0.005 min
Lab File: BN016073.D
Acq: 26 Aug 2021 14:45

Tgt Ion:	202	Resp:	4214
Ion Ratio	Lower	Upper	
202	100		
101	11.4	8.3	12.5
100	8.8	6.6	9.8

Instrument :
BNA_N
ClientSampleId :
JMXD6DL

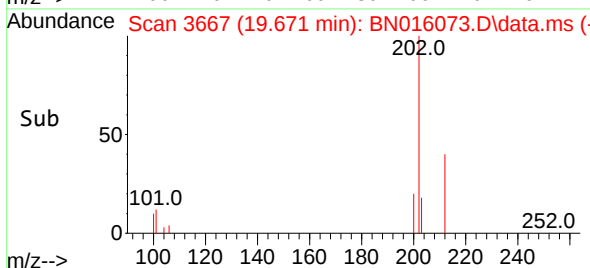
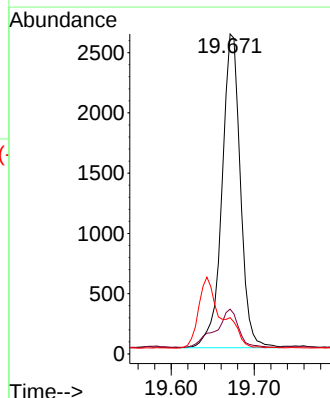
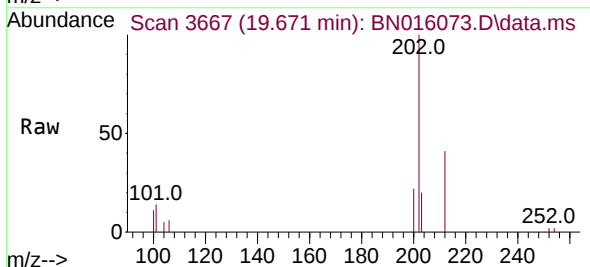
Manual Integrations
APPROVED

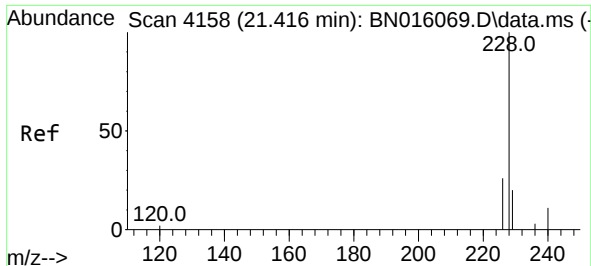
mohammad
8/27/2021 5:09:51 PM



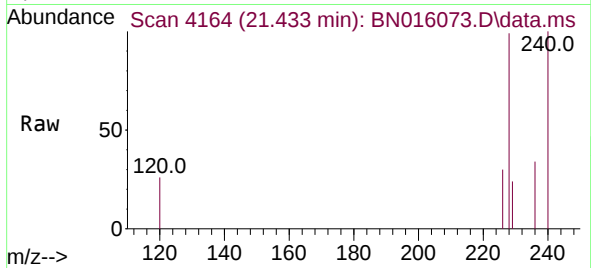
#20
Pyrene
Concen: 0.162 ng/ul
RT: 19.671 min Scan# 3667
Delta R.T. 0.005 min
Lab File: BN016073.D
Acq: 26 Aug 2021 14:45

Tgt Ion:	202	Resp:	4006
Ion Ratio	Lower	Upper	
202	100		
101	14.0	10.0	15.0
100	11.3	8.4	12.6

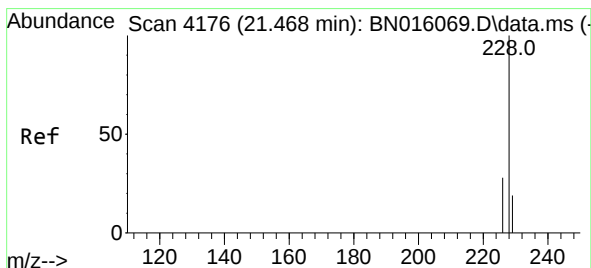
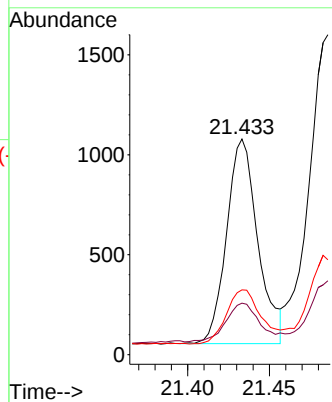
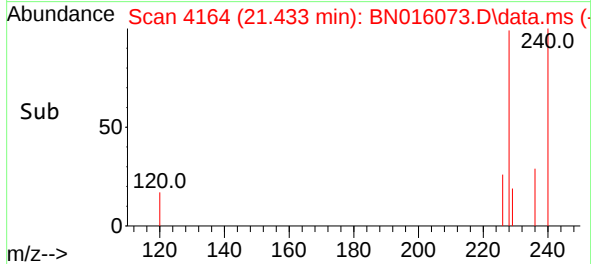




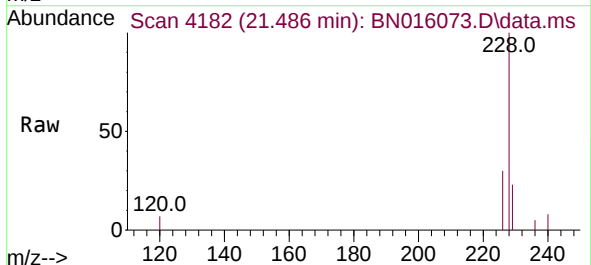
#21
Benzo(a)anthracene
Concen: 0.056 ng/u1
RT: 21.433 min Scan# 4164
Delta R.T. 0.017 min
Lab File: BN016073.D
Acq: 26 Aug 2021 14:45



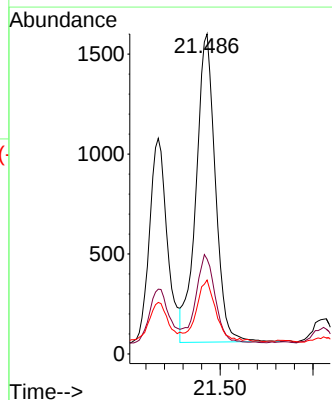
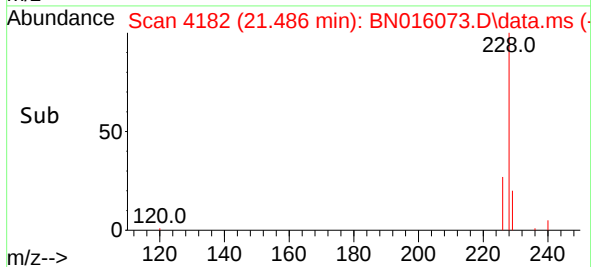
Tgt Ion:228 Resp: 1367
Ion Ratio Lower Upper
228 100
229 23.9 16.0 24.0
226 30.0 20.6 31.0



#22
Chrysene
Concen: 0.085 ng/u1
RT: 21.486 min Scan# 4182
Delta R.T. 0.017 min
Lab File: BN016073.D
Acq: 26 Aug 2021 14:45



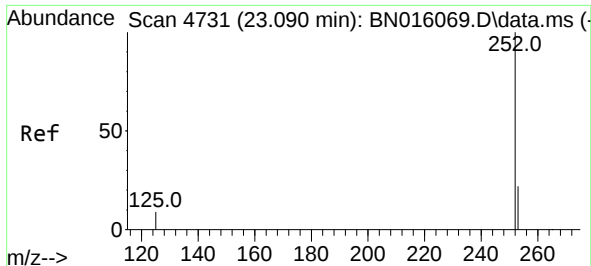
Tgt Ion:228 Resp: 2222
Ion Ratio Lower Upper
228 100
226 29.7 23.4 35.0
229 23.1 16.4 24.6



Instrument :
BNA_N
ClientSampleId :
JMXD6DL

Manual Integrations
APPROVED

mohammad
8/27/2021 5:09:51 PM



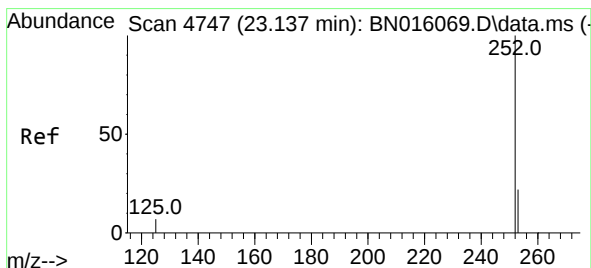
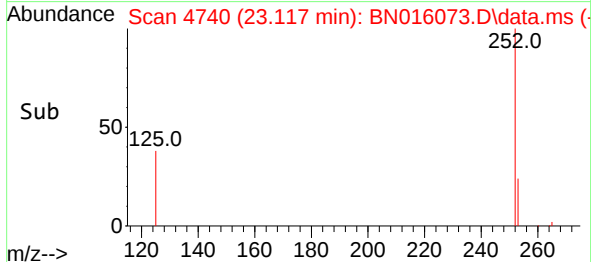
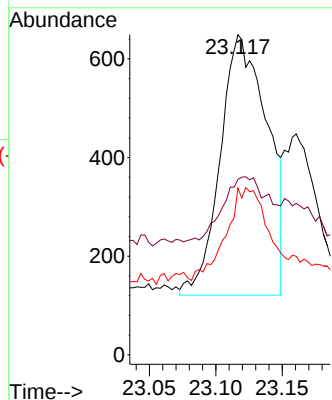
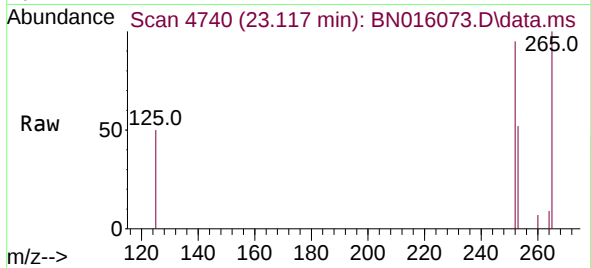
#24
Benzo(b)fluoranthene
Concen: 0.051 ng/ul m
RT: 23.117 min Scan# 4740
Delta R.T. 0.026 min
Lab File: BN016073.D
Acq: 26 Aug 2021 14:45

Tgt Ion:252 Resp: 1304
Ion Ratio Lower Upper
252 100
253 54.9 0.0 50.6#
125 52.1 0.0 21.6#

Instrument :
BNA_N
ClientSampled :
JMXD6DL

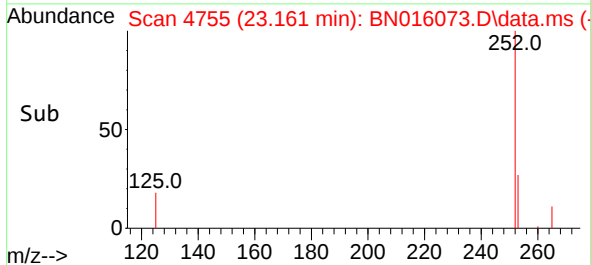
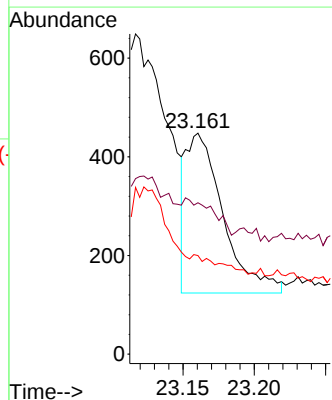
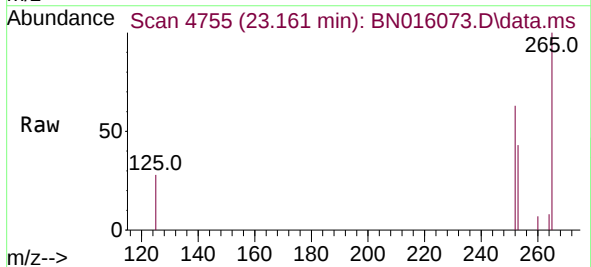
Manual Integrations
APPROVED

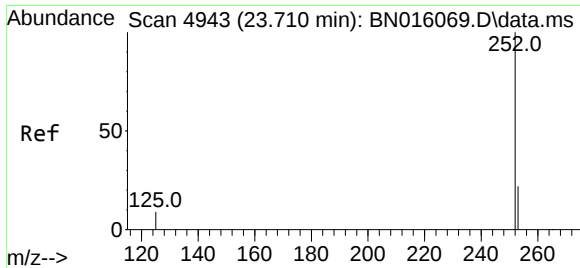
mohammad
8/27/2021 5:09:51 PM



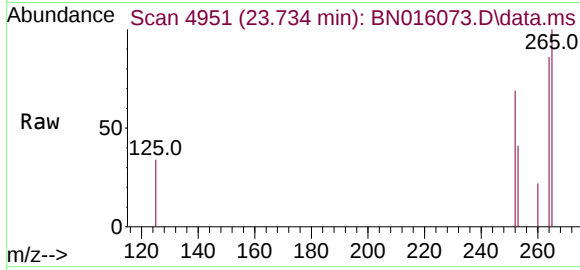
#25
Benzo(k)fluoranthene
Concen: 0.023 ng/ul m
RT: 23.161 min Scan# 4755
Delta R.T. 0.023 min
Lab File: BN016073.D
Acq: 26 Aug 2021 14:45

Tgt Ion:252 Resp: 586
Ion Ratio Lower Upper
252 100
253 68.5 20.7 31.1#
125 44.6 8.2 12.4#

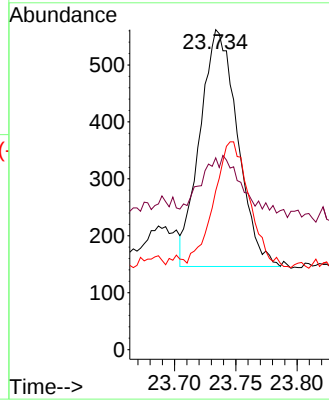
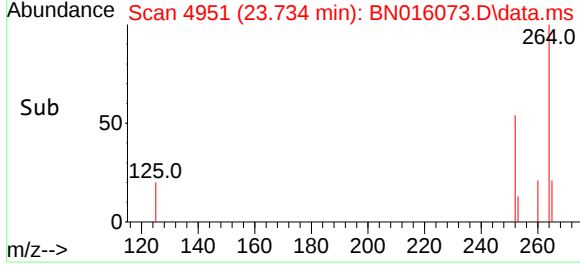




#26
Benzo(a)pyrene
Concen: 0.042 ng/ul
RT: 23.734 min Scan# 4951
Delta R.T. 0.023 min
Lab File: BN016073.D
Acq: 26 Aug 2021 14:45



Tgt Ion	Ratio	Lower	Upper
252	100		
253	60.0	22.1	33.1#
125	49.6	10.2	15.4#



Instrument :
BNA_N
ClientSampleId :
JMXD6DL

Manual Integrations
APPROVED

mohammad
8/27/2021 5:09:51 PM