

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
 Data File : BN015530.D
 Acq On : 13 Jul 2021 16:03
 Operator : CG/JU
 Sample : M2869-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDx6

Manual Integrations
 APPROVED

mohammad
 7/14/2021 12:14:23 PM

Quant Time: Jul 13 16:40:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 12 11:02:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	2616	0.400	ng/ul	0.00
4) Naphthalene-d8	10.595	136	9244	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.442	164	5168	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.192	188	10327	0.400	ng/ul	0.00
17) Chrysene-d12	21.390	240	8902	0.400	ng/ul	0.00
23) Perylene-d12	23.745	264	8586	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	10555	3.580	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	3749	0.258	ng/ul	0.00
18) Fluoranthene-d10	19.225	212	7708	0.263	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.645	128	2452	0.083	ng/ul#	93
10) Acenaphthylene	14.164	152	846	0.032	ng/ul#	56
11) Acenaphthene	14.506	153	32122	1.569	ng/ul	98
12) Fluorene	15.492	166	1462	0.065	ng/ul#	95
15) Phenanthrene	17.234	178	6276	0.167	ng/ul	98
16) Anthracene	17.322	178	7158	0.217	ng/ul	98
19) Fluoranthene	19.257	202	4807	0.117	ng/ul#	94
20) Pyrene	19.620	202	3800m	0.092	ng/ul	
21) Benzo(a)anthracene	21.375	228	1969	0.060	ng/ul#	59
22) Chrysene	21.425	228	1687	0.043	ng/ul#	81
24) Benzo(b)fluoranthene	23.035	252	983m	0.025	ng/ul	

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

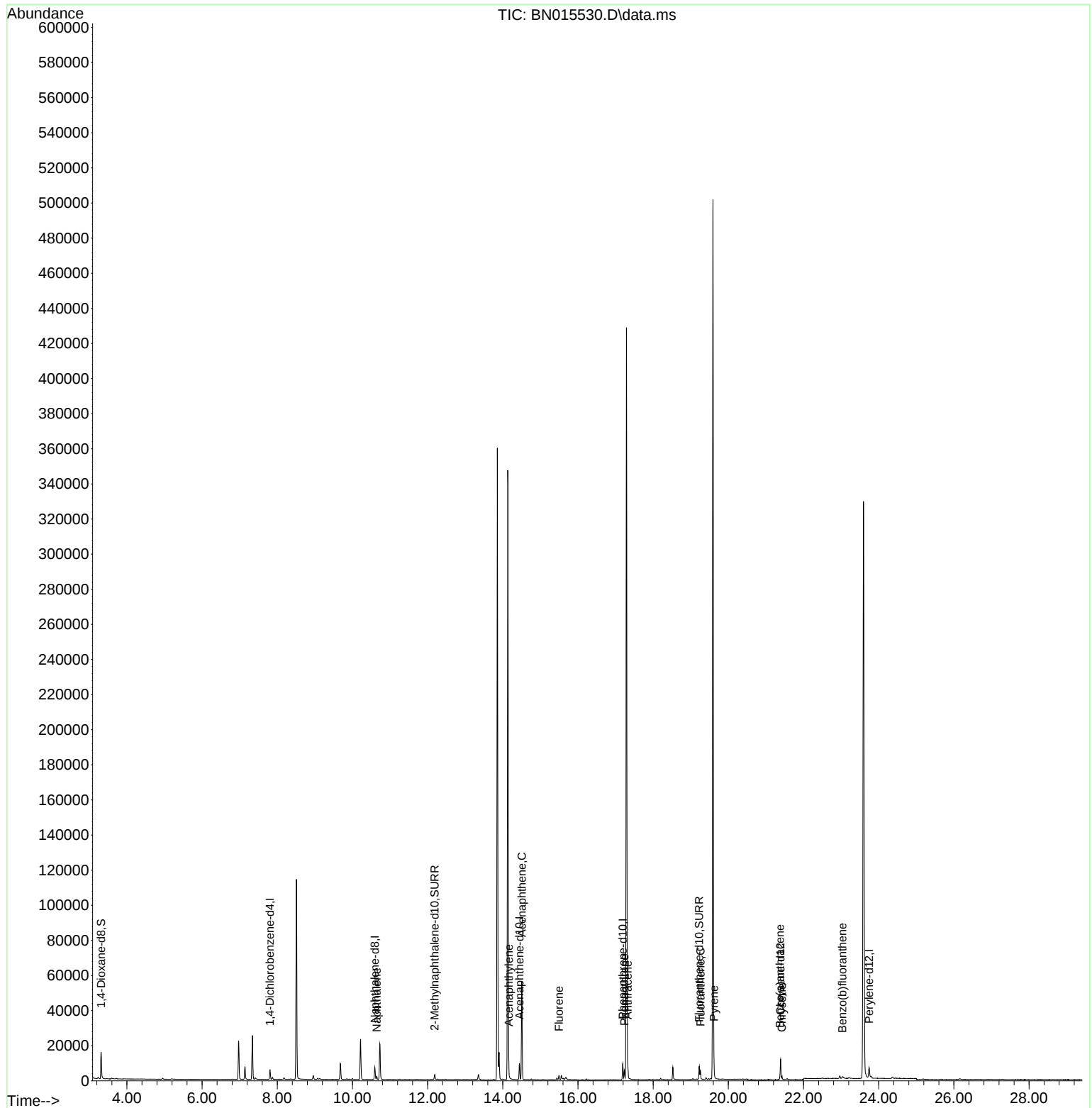
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
Data File : BN015530.D
Acq On : 13 Jul 2021 16:03
Operator : CG/JU
Sample : M2869-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

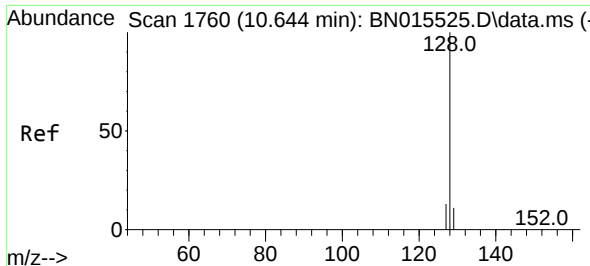
Instrument :
BNA_N
ClientSampleId :
BGDX6

Manual Integrations
APPROVED

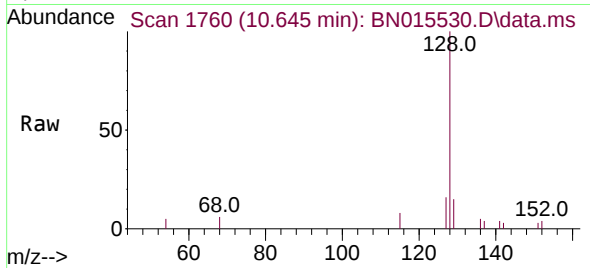
mohammad
7/14/2021 12:14:23 PM

Quant Time: Jul 13 16:40:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 12 11:02:52 2021
Response via : Initial Calibration

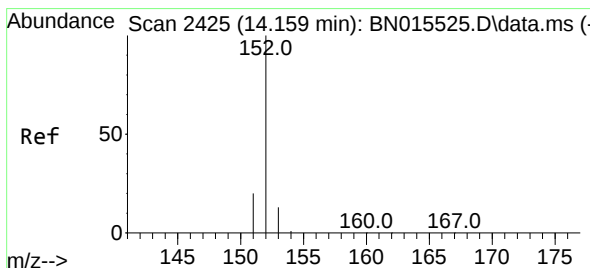
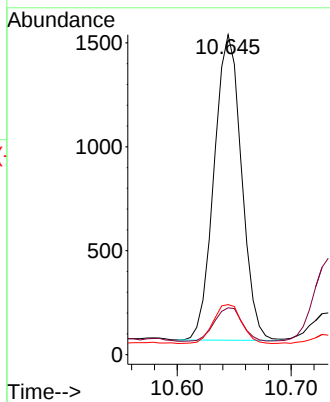
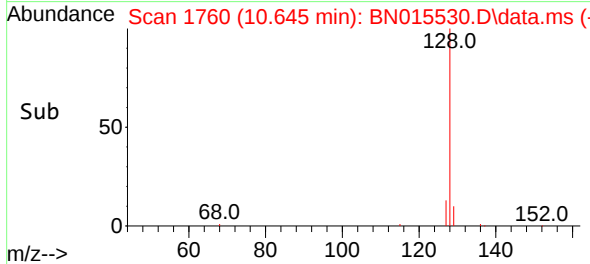




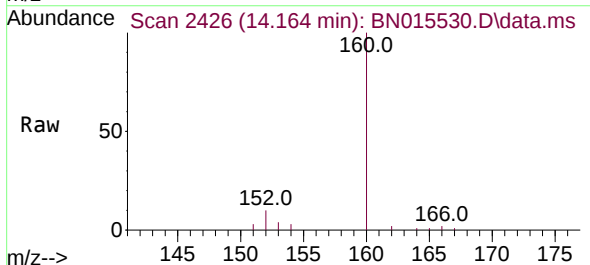
#5
Naphthalene
Concen: 0.083 ng/ul
RT: 10.645 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BN015530.D
Acq: 13 Jul 2021 16:03



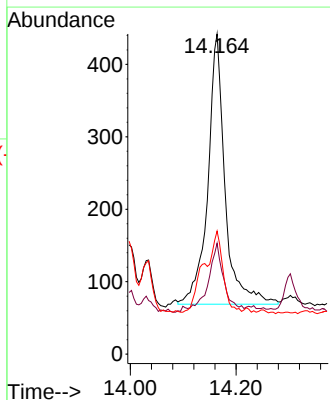
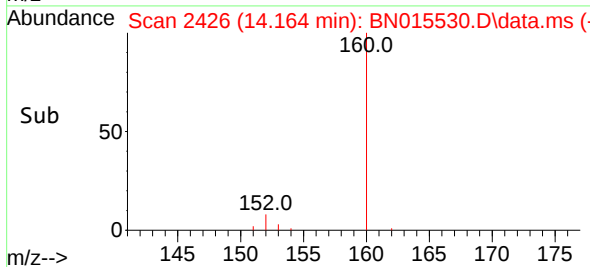
Tgt Ion:128 Resp: 2452
Ion Ratio Lower Upper
128 100
129 14.7 9.3 13.9#
127 15.7 10.8 16.2



#10
Acenaphthylene
Concen: 0.032 ng/ul
RT: 14.164 min Scan# 2426
Delta R.T. 0.005 min
Lab File: BN015530.D
Acq: 13 Jul 2021 16:03



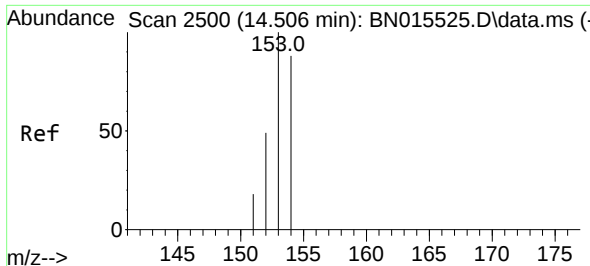
Tgt Ion:152 Resp: 846
Ion Ratio Lower Upper
152 100
151 34.6 16.0 24.0#
153 38.5 10.9 16.3#



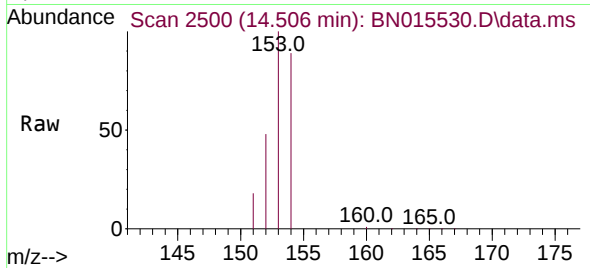
Instrument :
BNA_N
ClientSampleId :
BGDX6

Manual Integrations
APPROVED

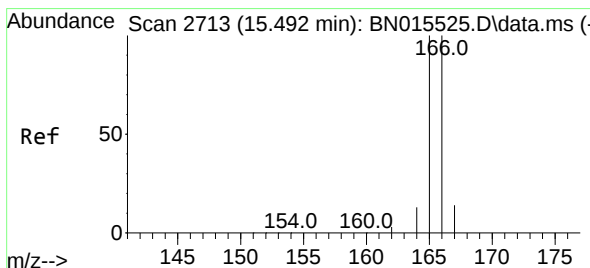
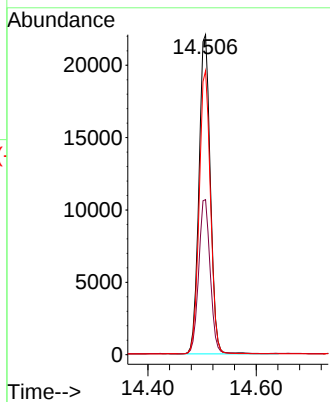
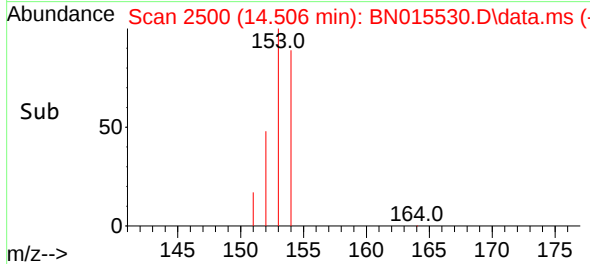
mohammad
7/14/2021 12:14:23 PM



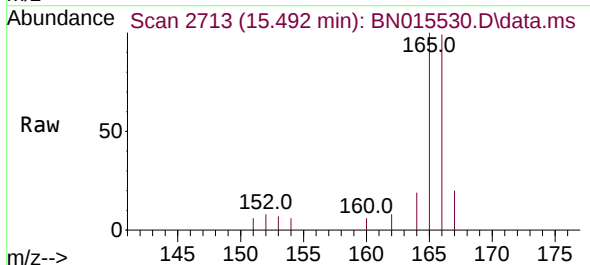
#11
Acenaphthene
Concen: 1.569 ng/ul
RT: 14.506 min Scan# 2500
Delta R.T. 0.000 min
Lab File: BN015530.D
Acq: 13 Jul 2021 16:03



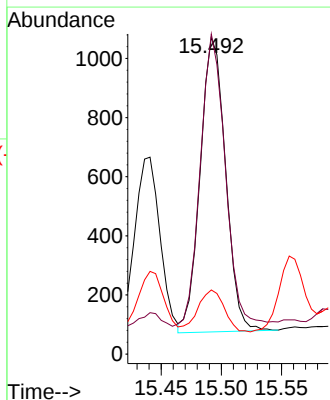
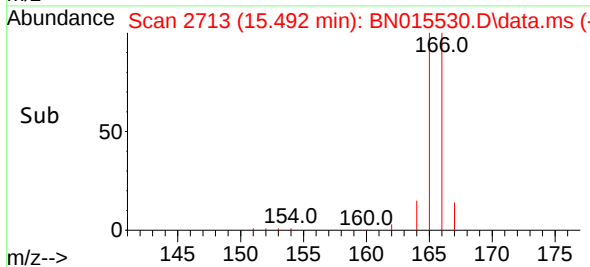
Tgt Ion:153 Resp: 32122
Ion Ratio Lower Upper
153 100
152 48.5 39.8 59.6
154 88.7 69.8 104.8



#12
Fluorene
Concen: 0.065 ng/ul
RT: 15.492 min Scan# 2713
Delta R.T. -0.005 min
Lab File: BN015530.D
Acq: 13 Jul 2021 16:03



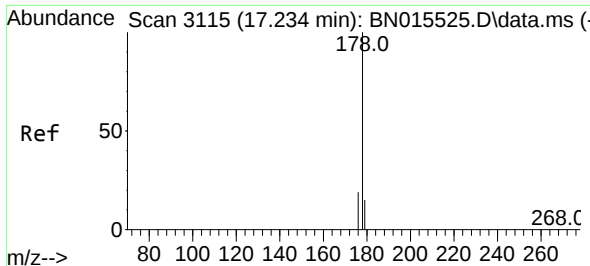
Tgt Ion:166 Resp: 1462
Ion Ratio Lower Upper
166 100
165 101.0 77.8 116.8
167 20.2 11.2 16.8#



Instrument :
BNA_N
ClientSampled :
BGDX6

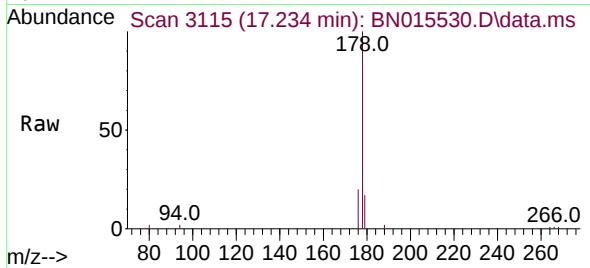
Manual Integrations
APPROVED

mohammad
7/14/2021 12:14:23 PM



#15
Phenanthrene
Concen: 0.167 ng/ul
RT: 17.234 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BN015530.D
Acq: 13 Jul 2021 16:03

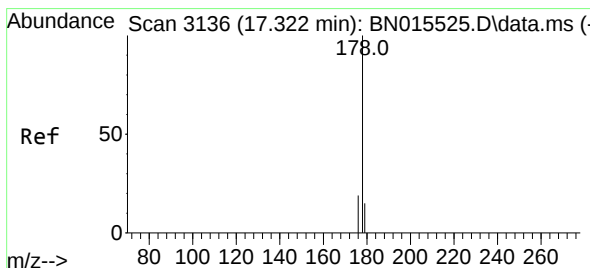
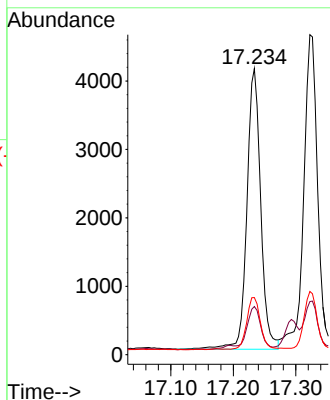
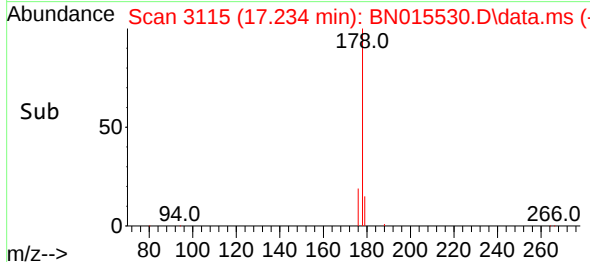
Instrument :
BNA_N
ClientSampleId :
BGDX6



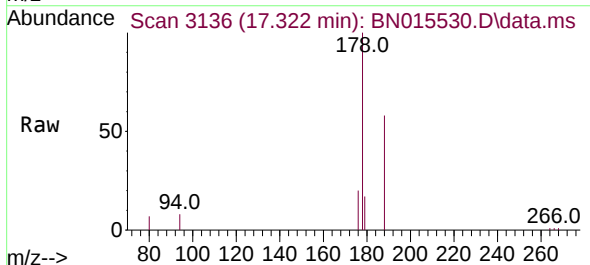
Tgt Ion:178 Resp: 6276
Ion Ratio Lower Upper
178 100
179 16.9 12.3 18.5
176 20.0 15.5 23.3

Manual Integrations
APPROVED

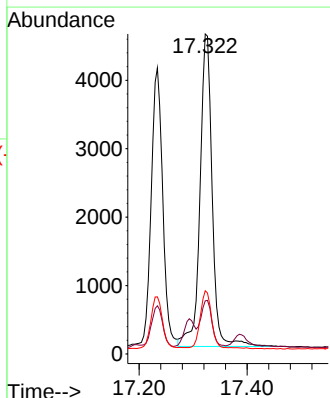
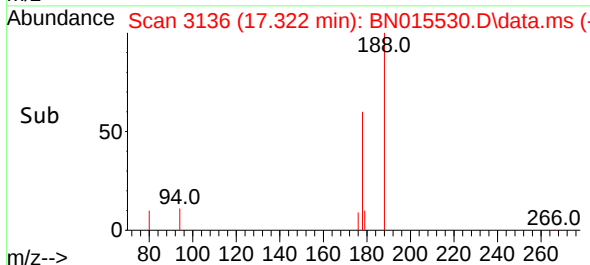
mohammad
7/14/2021 12:14:23 PM

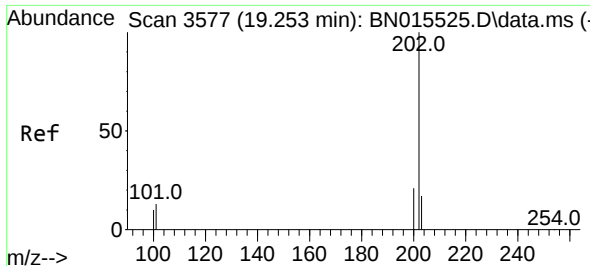


#16
Anthracene
Concen: 0.217 ng/ul
RT: 17.322 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BN015530.D
Acq: 13 Jul 2021 16:03



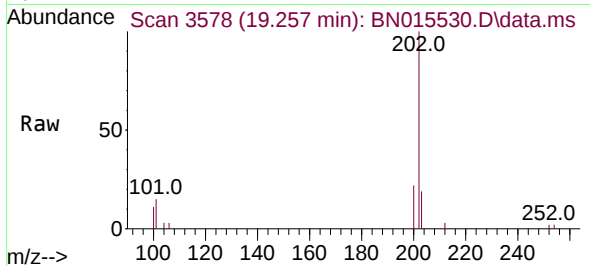
Tgt Ion:178 Resp: 7158
Ion Ratio Lower Upper
178 100
179 16.6 12.8 19.2
176 19.7 15.2 22.8





#19
Fluoranthene
Concen: 0.117 ng/ul
RT: 19.257 min Scan# 3578
Delta R.T. 0.000 min
Lab File: BN015530.D
Acq: 13 Jul 2021 16:03

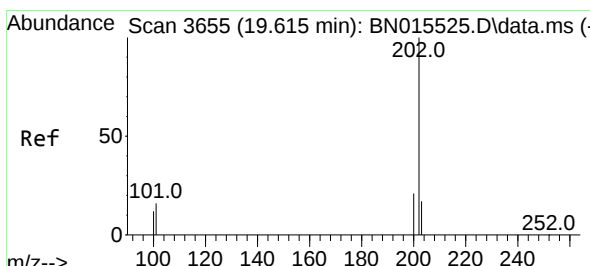
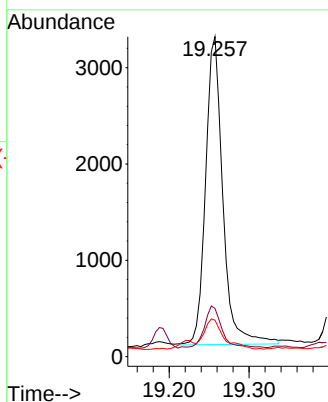
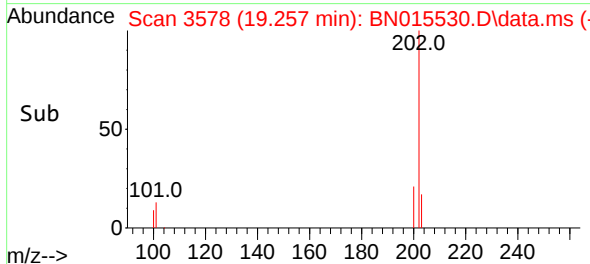
Instrument :
BNA_N
ClientSampled :
BGDX6



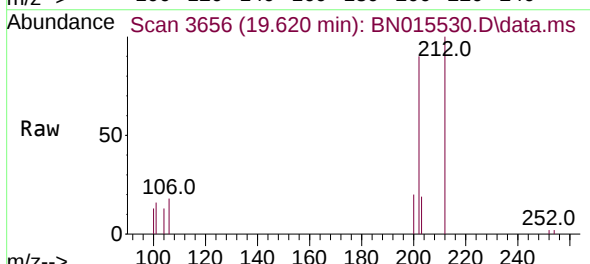
Tgt Ion:202 Resp: 4807
Ion Ratio Lower Upper
202 100
101 15.1 10.1 15.1
100 11.4 7.4 11.0#

Manual Integrations
APPROVED

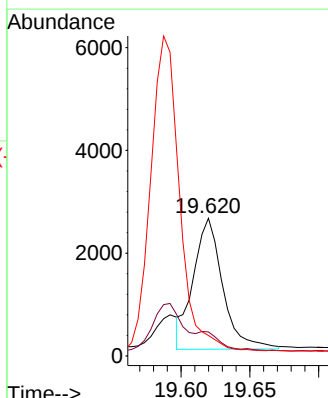
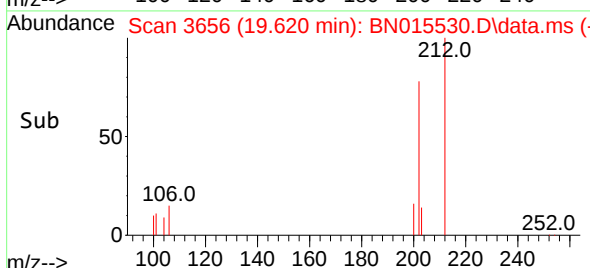
mohammad
7/14/2021 12:14:23 PM

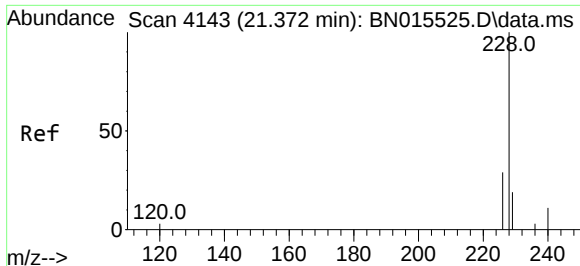


#20
Pyrene
Concen: 0.092 ng/ul m
RT: 19.620 min Scan# 3656
Delta R.T. 0.000 min
Lab File: BN015530.D
Acq: 13 Jul 2021 16:03



Tgt Ion:202 Resp: 3800
Ion Ratio Lower Upper
202 100
101 17.4 12.0 18.0
100 14.9 9.6 14.4#





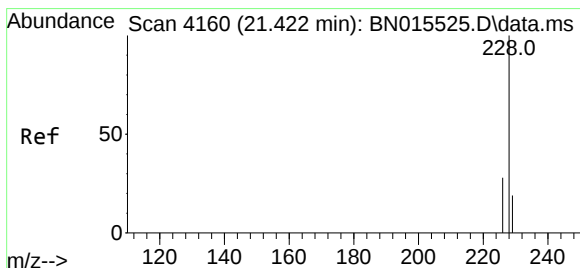
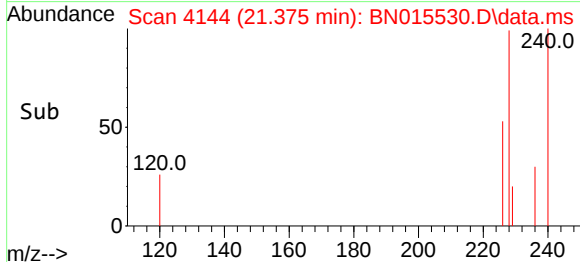
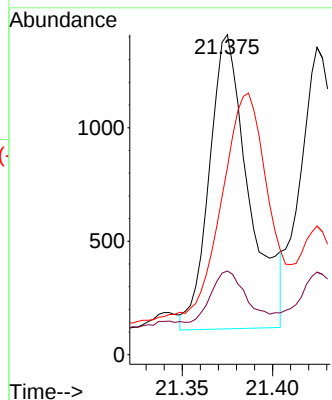
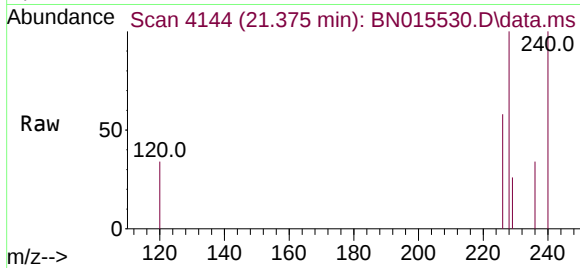
#21
Benzo(a)anthracene
Concen: 0.060 ng/ul
RT: 21.375 min Scan# 4144
Delta R.T. 0.000 min
Lab File: BN015530.D
Acq: 13 Jul 2021 16:03

Tgt Ion:	228	Resp:	1969
Ion Ratio	Lower	Upper	
228	100		
229	26.2	15.8	23.8#
226	58.4	21.8	32.8#

Instrument :
BNA_N
ClientSampled :
BGDX6

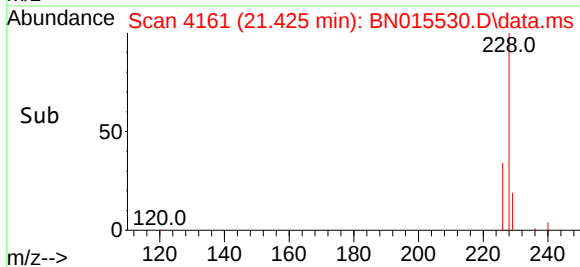
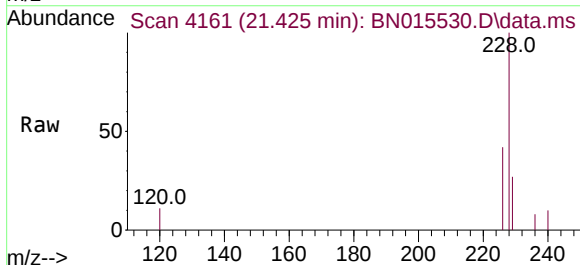
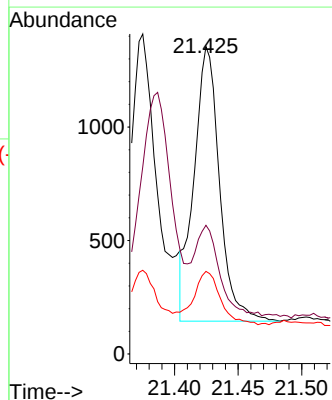
Manual Integrations
APPROVED

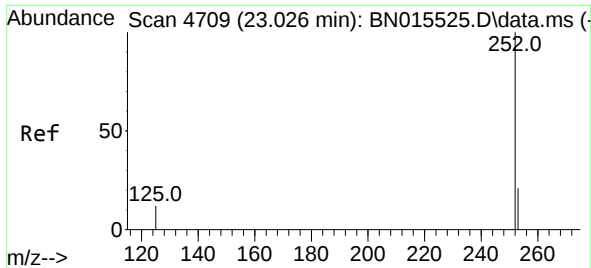
mohammad
7/14/2021 12:14:23 PM



#22
Chrysene
Concen: 0.043 ng/ul
RT: 21.425 min Scan# 4161
Delta R.T. -0.003 min
Lab File: BN015530.D
Acq: 13 Jul 2021 16:03

Tgt Ion:	228	Resp:	1687
Ion Ratio	Lower	Upper	
228	100		
226	41.9	24.6	37.0#
229	26.9	15.7	23.5#





#24

Benzo(b)fluoranthene

Concen: 0.025 ng/ul m

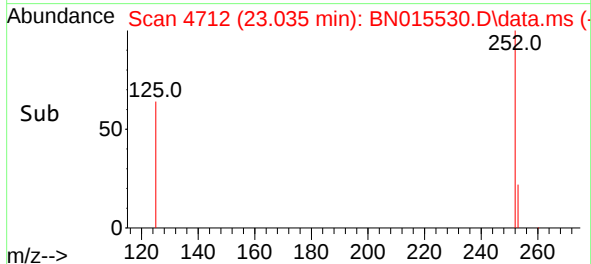
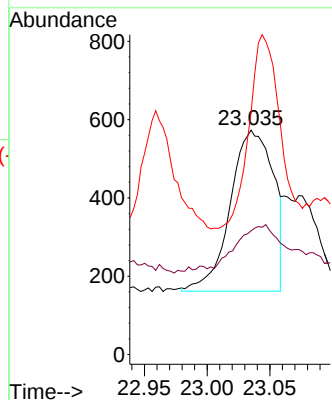
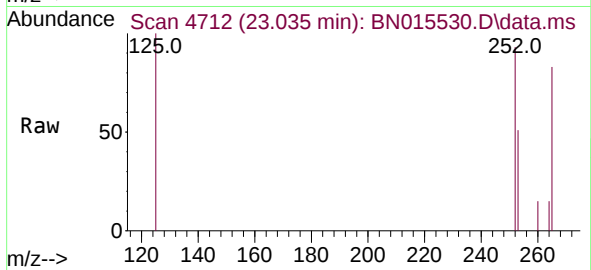
RT: 23.035 min Scan# 4712

Delta R.T. 0.006 min

Lab File: BN015530.D

Acq: 13 Jul 2021 16:03

Tgt Ion:	252	Resp:	983
Ion Ratio	Lower	Upper	
252	100		
253	55.1	0.0	45.6#
125	107.9	0.0	28.4#



Instrument :

BNA_N

ClientSampleId :

BGDX6

Manual Integrations
APPROVED

mohammad
7/14/2021 12:14:23 PM