

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
 Data File : BN015552.D
 Acq On : 14 Jul 2021 05:55
 Operator : CG/JU
 Sample : M2869-11DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDY1DL

Manual Integrations
 APPROVED

mohammad
 7/14/2021 12:15:23 PM

Quant Time: Jul 14 07:17:49 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 : Wed Jul 14 07:10:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	3534	0.400	ng/ul	0.00
4) Naphthalene-d8	10.595	136	12518	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.441	164	6561	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	13008	0.400	ng/ul	0.00
17) Chrysene-d12	21.384	240	11008	0.400	ng/ul	0.00
23) Perylene-d12	23.736	264	9902	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	1019	0.256	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	281	0.014	ng/ul	0.00
18) Fluoranthene-d10	19.225	212	602	0.017	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.644	128	2049	0.051	ng/ul#	93
10) Acenaphthylene	14.159	152	5408	0.159	ng/ul	99
11) Acenaphthene	14.506	153	1201	0.046	ng/ul	98
12) Fluorene	15.491	166	2071	0.072	ng/ul#	95
15) Phenanthrene	17.234	178	59182	1.254	ng/ul	100
16) Anthracene	17.322	178	32325	0.777	ng/ul	100
19) Fluoranthene	19.253	202	176197	3.464	ng/ul	98
20) Pyrene	19.615	202	119467	2.342	ng/ul	98
21) Benzo(a)anthracene	21.369	228	85671	2.101	ng/ul	95
22) Chrysene	21.419	228	66597	1.364	ng/ul	98
24) Benzo(b)fluoranthene	23.026	252	79256m	1.713	ng/ul	
25) Benzo(k)fluoranthene	23.067	252	29371m	0.563	ng/ul	
26) Benzo(a)pyrene	23.631	252	36550	0.941	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.156	276	24610	0.524	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.172	278	8100	0.220	ng/ul	92
29) Benzo(g,h,i)perylene	26.897	276	1383m	0.032	ng/ul	

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

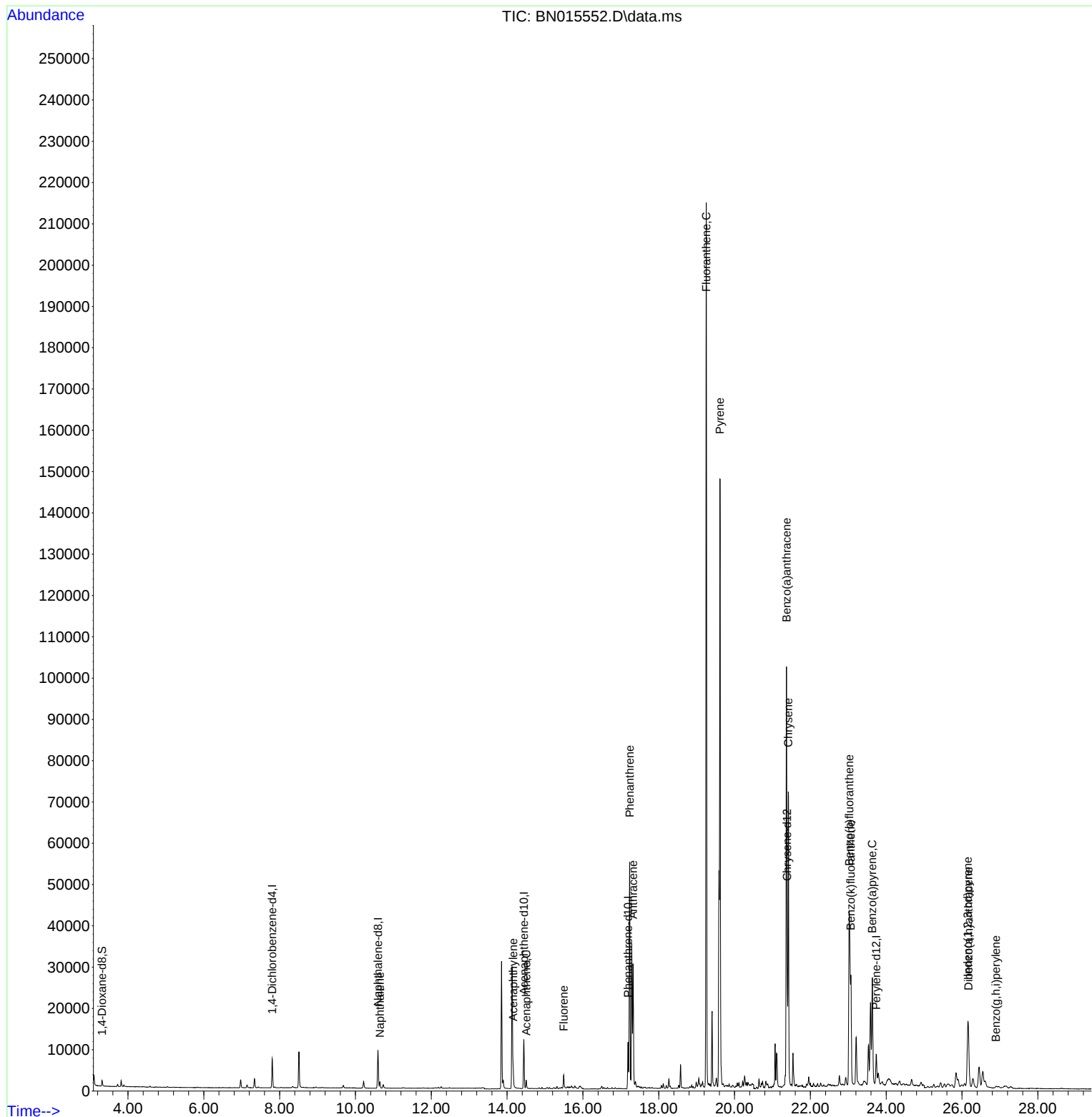
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
Data File : BN015552.D
Acq On : 14 Jul 2021 05:55
Operator : CG/JU
Sample : M2869-11DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

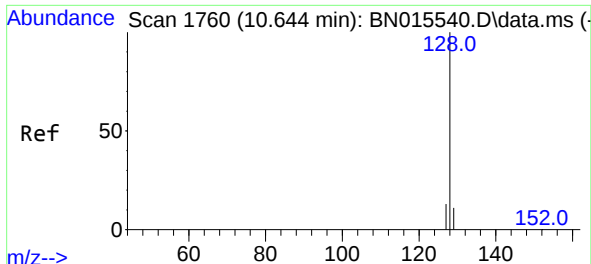
Instrument :
BNA_N
ClientSampleId :
BGDY1DL

Manual Integrations
APPROVED

mohammad
7/14/2021 12:15:23 PM

Quant Time: Jul 14 07:17:49 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 : Wed Jul 14 07:10:56 2021
Response via : Initial Calibration





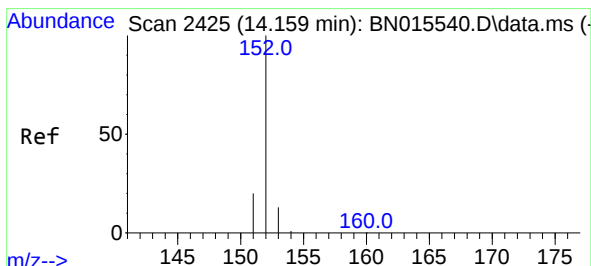
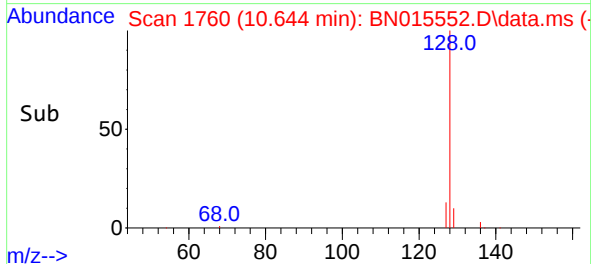
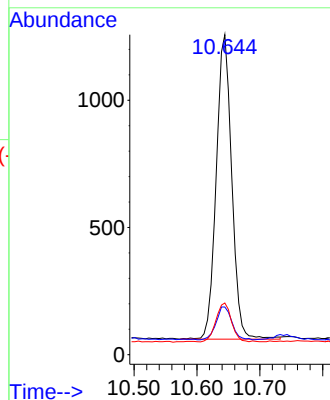
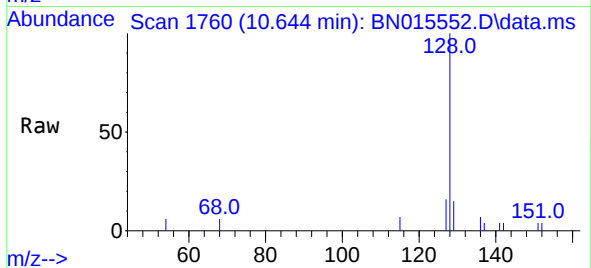
#5
Naphthalene
Concen: 0.051 ng/ul
RT: 10.644 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BN015552.D
Acq: 14 Jul 2021 05:55

Tgt Ion:	128	Resp:	2049
Ion Ratio	Lower	Upper	
128	100		
129	14.9	9.3	13.9#
127	16.1	10.8	16.2

Instrument :
BNA_N
ClientSampleId :
BGDY1DL

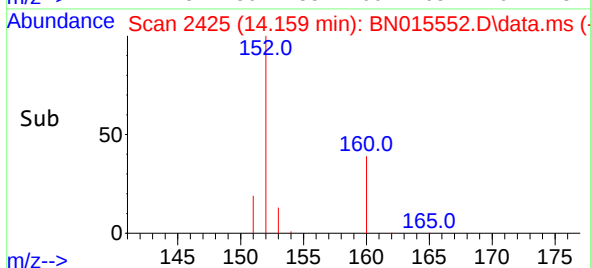
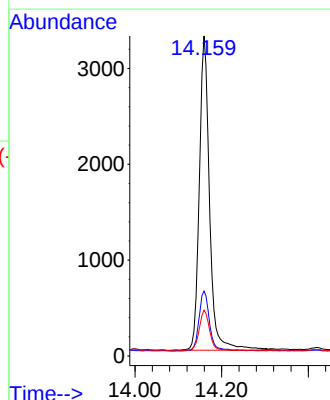
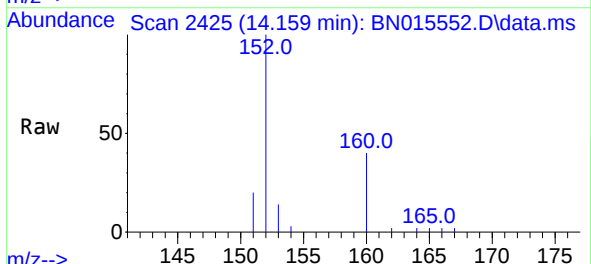
Manual Integrations
APPROVED

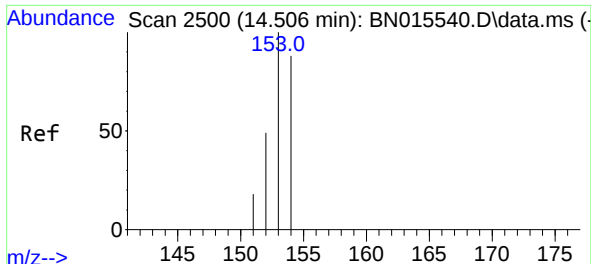
mohammad
7/14/2021 12:15:23 PM



#10
Acenaphthylene
Concen: 0.159 ng/ul
RT: 14.159 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BN015552.D
Acq: 14 Jul 2021 05:55

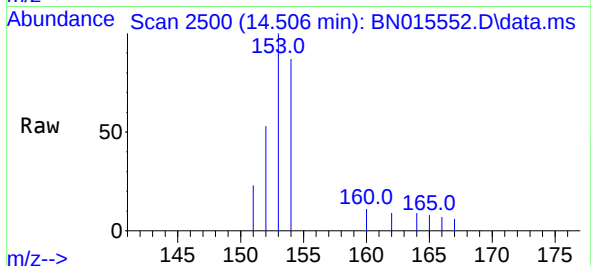
Tgt Ion:	152	Resp:	5408
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.0	24.0
153	14.3	10.9	16.3





#11
Acenaphthene
Concen: 0.046 ng/u1
RT: 14.506 min Scan# 2500
Delta R.T. -0.000 min
Lab File: BN015552.D
Acq: 14 Jul 2021 05:55

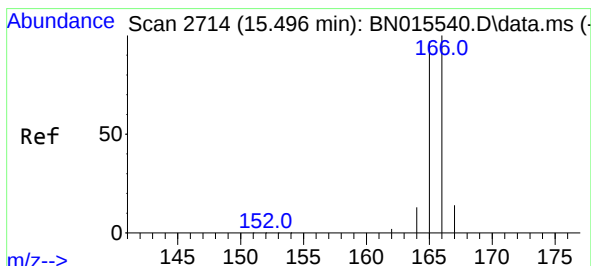
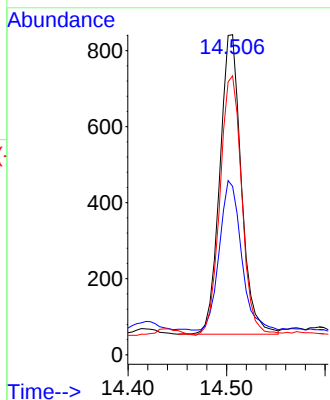
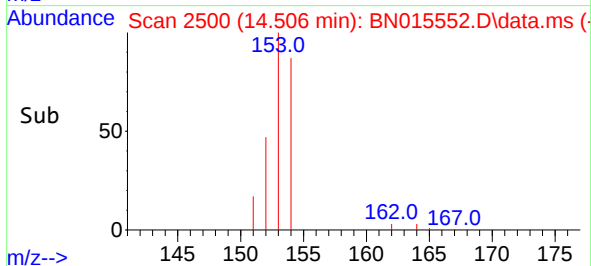
Instrument :
BNA_N
ClientSampleId :
BGDY1DL



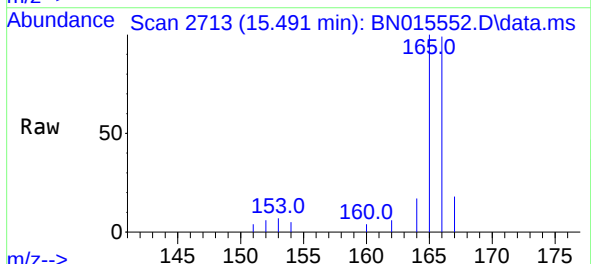
Tgt Ion:153 Resp: 1201
Ion Ratio Lower Upper
153 100
152 52.6 39.8 59.6
154 87.2 69.8 104.8

Manual Integrations
APPROVED

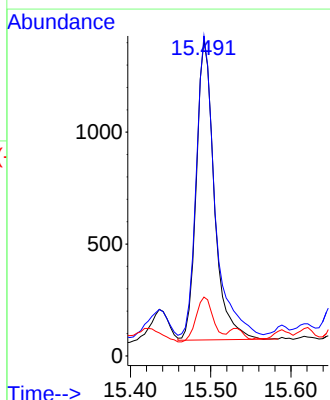
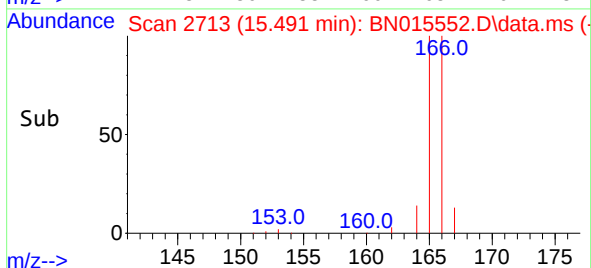
mohammad
7/14/2021 12:15:23 PM

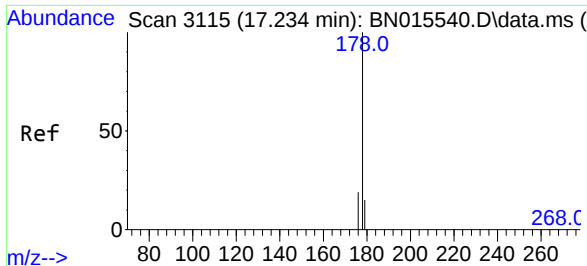


#12
Fluorene
Concen: 0.072 ng/u1
RT: 15.491 min Scan# 2713
Delta R.T. -0.005 min
Lab File: BN015552.D
Acq: 14 Jul 2021 05:55



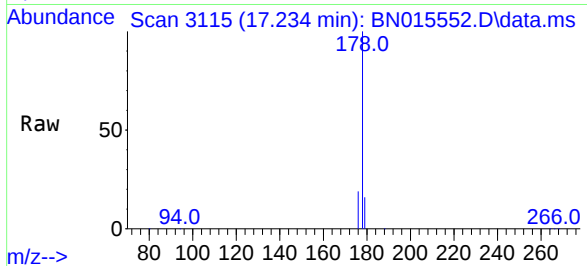
Tgt Ion:166 Resp: 2071
Ion Ratio Lower Upper
166 100
165 101.5 77.8 116.8
167 18.7 11.2 16.8#





#15
Phenanthrene
Concen: 1.254 ng/u1
RT: 17.234 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BN015552.D
Acq: 14 Jul 2021 05:55

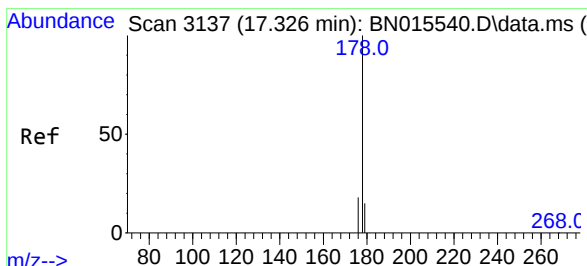
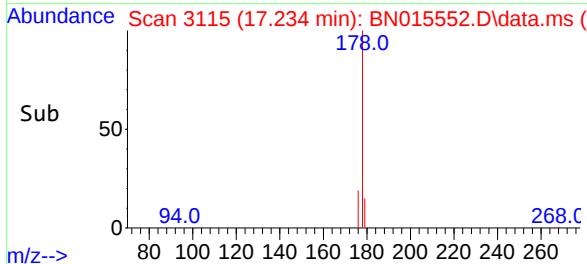
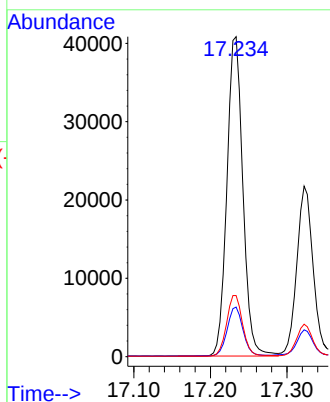
Instrument :
BNA_N
ClientSampleId :
BGDY1DL



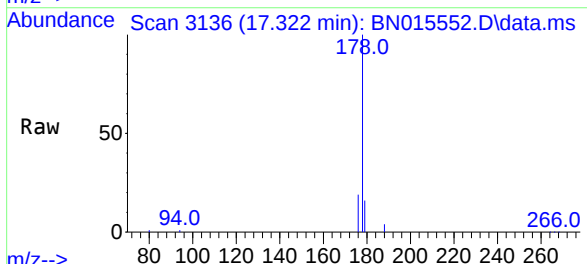
Tgt Ion:178 Resp: 59182
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.1 15.5 23.3

Manual Integrations
APPROVED

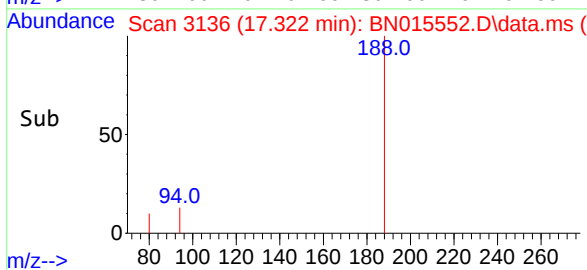
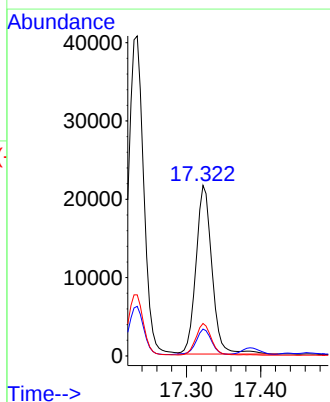
mohammad
7/14/2021 12:15:23 PM

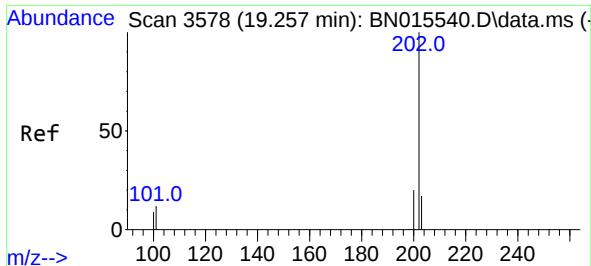


#16
Anthracene
Concen: 0.777 ng/u1
RT: 17.322 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BN015552.D
Acq: 14 Jul 2021 05:55



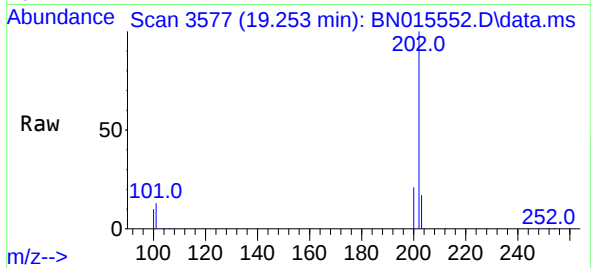
Tgt Ion:178 Resp: 32325
Ion Ratio Lower Upper
178 100
179 15.8 12.8 19.2
176 19.1 15.2 22.8





#19
Fluoranthene
Concen: 3.464 ng/u1
RT: 19.253 min Scan# 3577
Delta R.T. -0.004 min
Lab File: BN015552.D
Acq: 14 Jul 2021 05:55

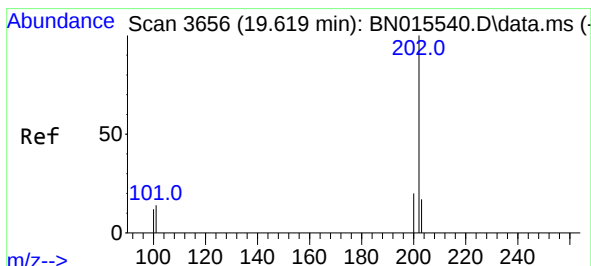
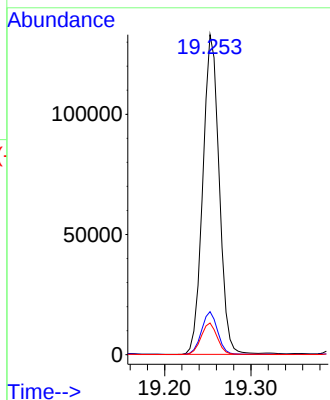
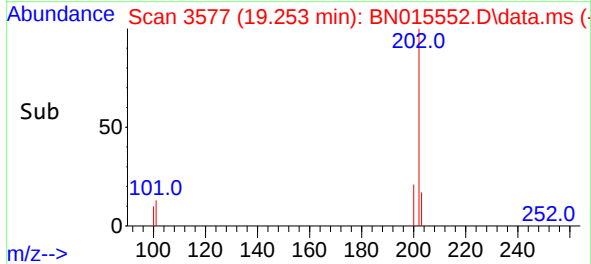
Instrument :
BNA_N
ClientSampleId :
BGDY1DL



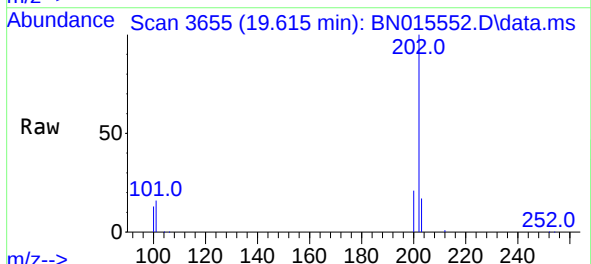
Tgt Ion:202 Resp: 176197
Ion Ratio Lower Upper
202 100
101 13.4 10.1 15.1
100 9.9 7.4 11.0

Manual Integrations
APPROVED

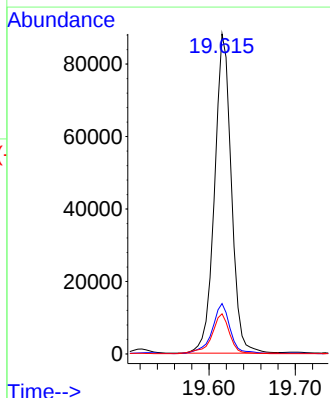
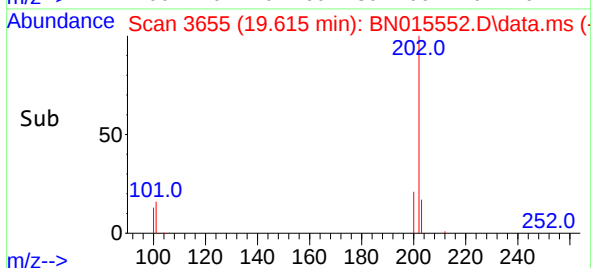
mohammad
7/14/2021 12:15:23 PM

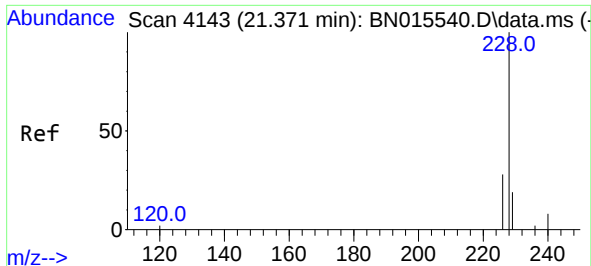


#20
Pyrene
Concen: 2.342 ng/u1
RT: 19.615 min Scan# 3655
Delta R.T. -0.004 min
Lab File: BN015552.D
Acq: 14 Jul 2021 05:55



Tgt Ion:202 Resp: 119467
Ion Ratio Lower Upper
202 100
101 15.7 12.0 18.0
100 12.5 9.6 14.4





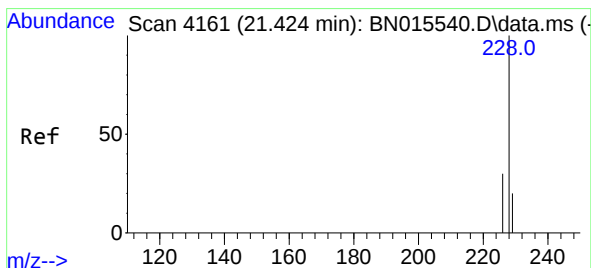
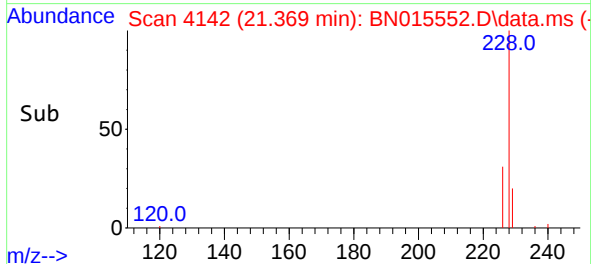
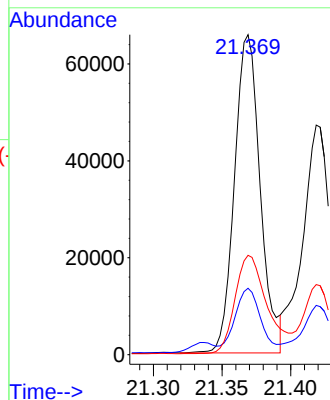
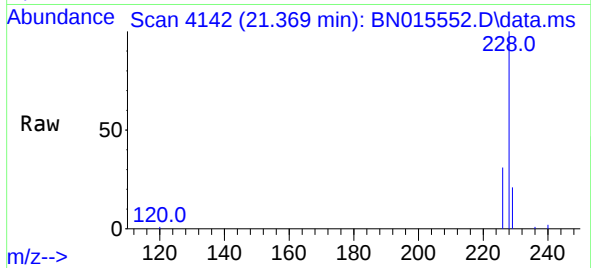
#21
Benzo(a)anthracene
Concen: 2.101 ng/ul
RT: 21.369 min Scan# 4142
Delta R.T. -0.003 min
Lab File: BN015552.D
Acq: 14 Jul 2021 05:55

Tgt Ion:	228	Resp:	85671
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.8	23.8
226	31.1	21.8	32.8

Instrument :
BNA_N
ClientSampled :
BGDY1DL

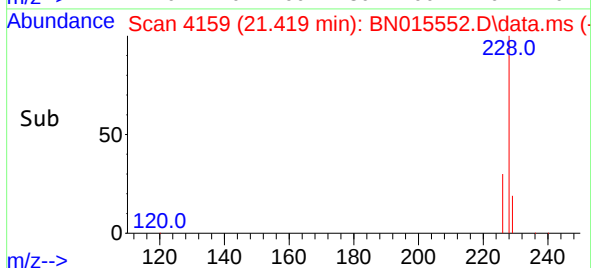
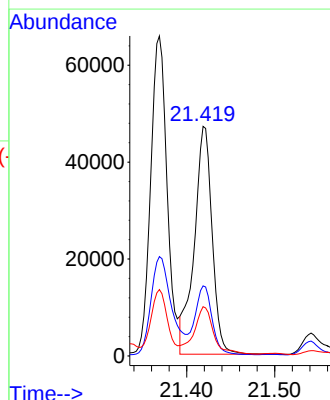
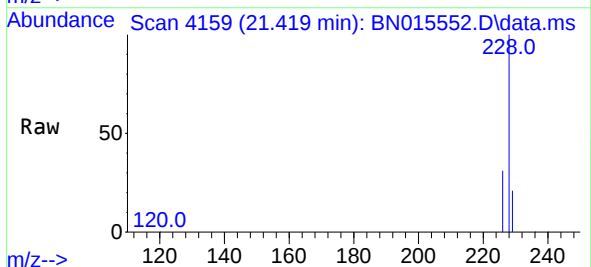
Manual Integrations
APPROVED

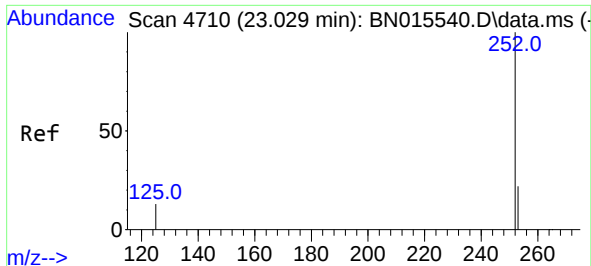
mohammad
7/14/2021 12:15:23 PM



#22
Chrysene
Concen: 1.364 ng/ul
RT: 21.419 min Scan# 4159
Delta R.T. -0.005 min
Lab File: BN015552.D
Acq: 14 Jul 2021 05:55

Tgt Ion:	228	Resp:	66597
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.6	37.0
229	21.5	15.7	23.5





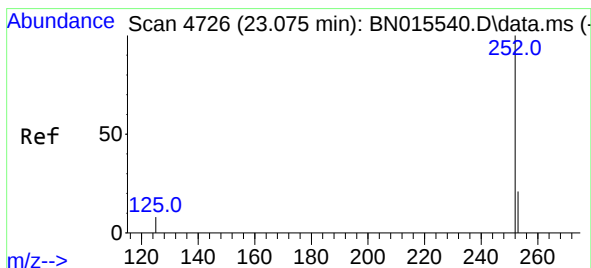
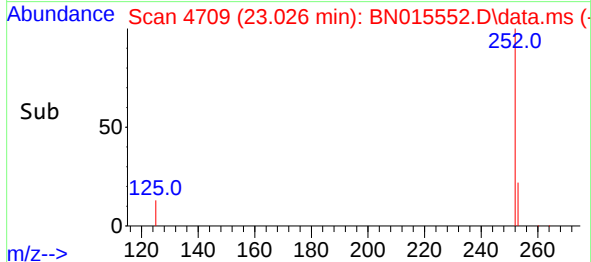
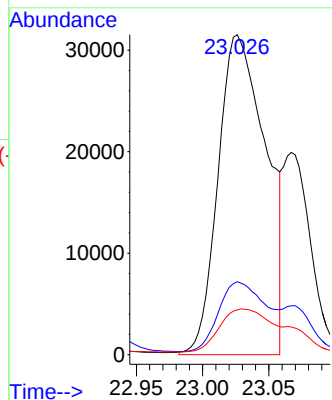
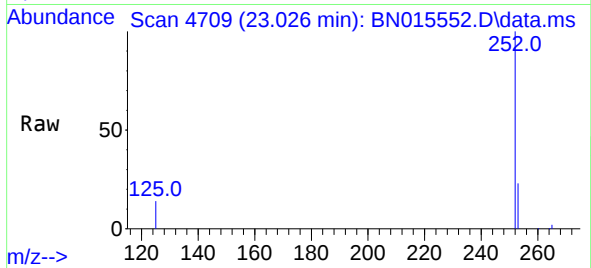
#24
Benzo(b)fluoranthene
Concen: 1.713 ng/ul m
RT: 23.026 min Scan# 4709
Delta R.T. -0.003 min
Lab File: BN015552.D
Acq: 14 Jul 2021 05:55

Tgt Ion:252	Resp:	79256
Ion Ratio	Lower	Upper
252	100	
253	22.8	0.0 45.6
125	14.0	0.0 28.4

Instrument :
BNA_N
ClientSampleId :
BGDY1DL

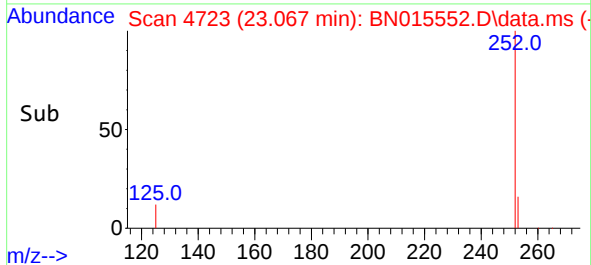
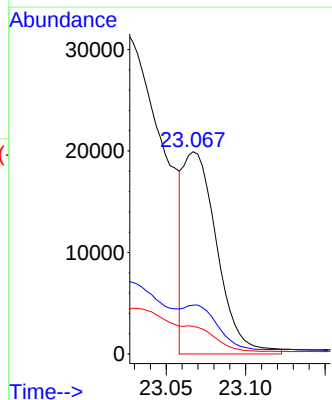
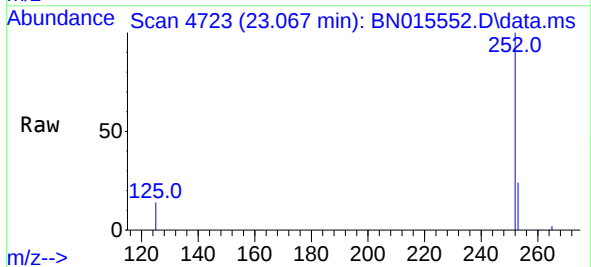
Manual Integrations
APPROVED

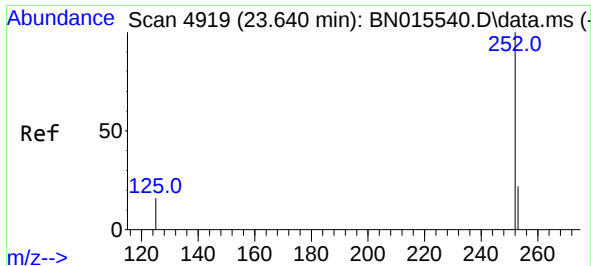
mohammad
7/14/2021 12:15:23 PM



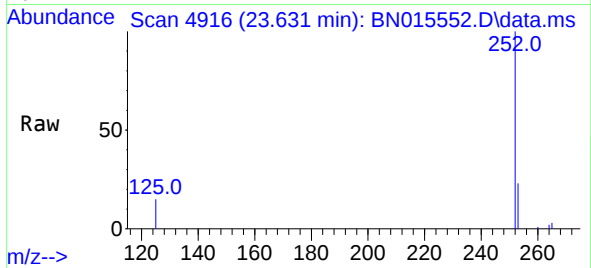
#25
Benzo(k)fluoranthene
Concen: 0.563 ng/ul m
RT: 23.067 min Scan# 4723
Delta R.T. -0.008 min
Lab File: BN015552.D
Acq: 14 Jul 2021 05:55

Tgt Ion:252	Resp:	29371
Ion Ratio	Lower	Upper
252	100	
253	24.2	18.1 27.1
125	13.7	11.5 17.3

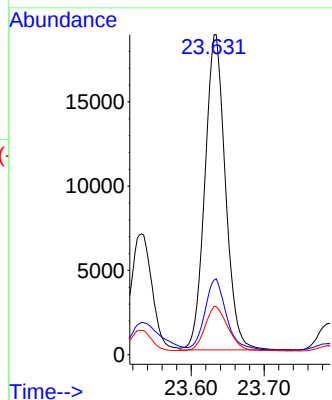




#26
Benzo(a)pyrene
Concen: 0.941 ng/ul
RT: 23.631 min Scan# 4916
Delta R.T. -0.008 min
Lab File: BN015552.D
Acq: 14 Jul 2021 05:55



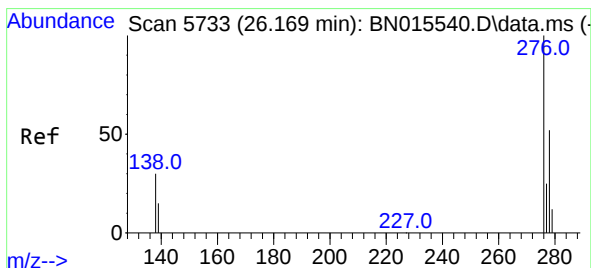
Tgt Ion:	252	Resp:	36550
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.9	28.3
125	15.1	13.5	20.3



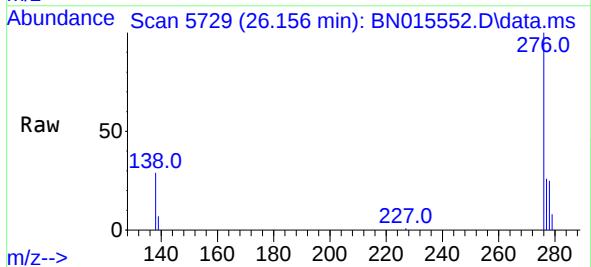
Instrument :
BNA_N
ClientSampleId :
BGDY1DL

Manual Integrations
APPROVED

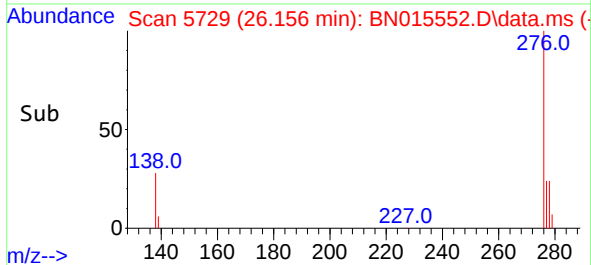
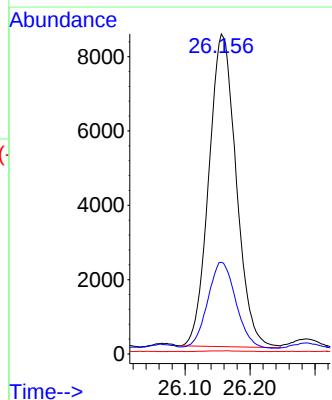
mohammad
7/14/2021 12:15:23 PM

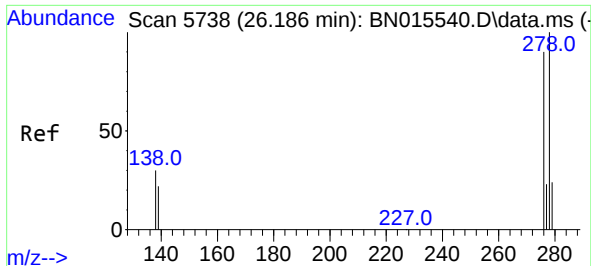


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.524 ng/ul
RT: 26.156 min Scan# 5729
Delta R.T. -0.013 min
Lab File: BN015552.D
Acq: 14 Jul 2021 05:55



Tgt Ion:	276	Resp:	24610
Ion Ratio	Lower	Upper	
276	100		
138	28.4	26.3	39.5
227	0.3	0.1	0.1#





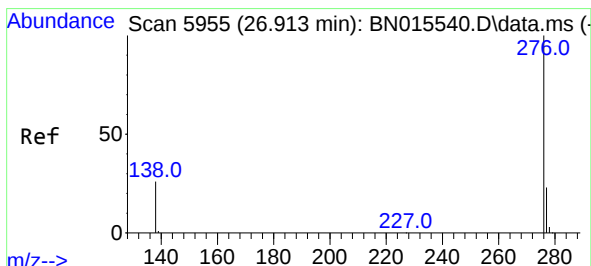
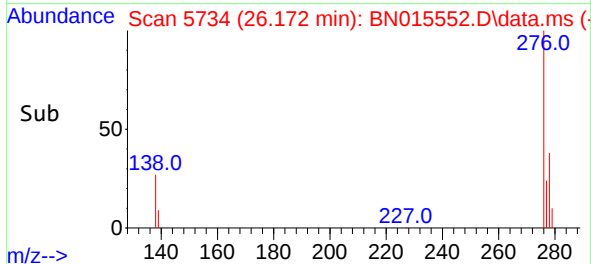
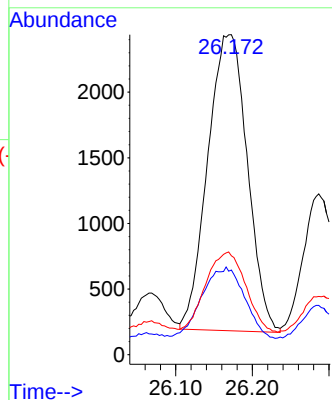
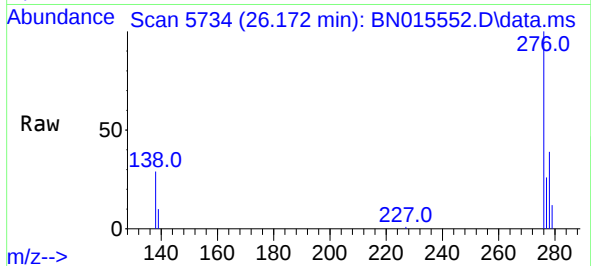
#28
Dibenzo(a,h)anthracene
Concen: 0.220 ng/ul
RT: 26.172 min Scan# 5734
Delta R.T. -0.013 min
Lab File: BN015552.D
Acq: 14 Jul 2021 05:55

Tgt Ion:278 Resp: 8100
Ion Ratio Lower Upper
278 100
139 26.5 18.9 28.3
279 30.9 20.8 31.2

Instrument :
BNA_N
ClientSampleID :
BGDY1DL

Manual Integrations
APPROVED

mohammad
7/14/2021 12:15:23 PM



#29
Benzo(g,h,i)perylene
Concen: 0.032 ng/ul m
RT: 26.897 min Scan# 5950
Delta R.T. -0.016 min
Lab File: BN015552.D
Acq: 14 Jul 2021 05:55

Tgt Ion:276 Resp: 1383
Ion Ratio Lower Upper
276 100
138 46.4 23.0 34.4#
277 42.8 19.3 28.9#

