

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
 Data File : BN015465.D
 Acq On : 10 Jul 2021 03:15
 Operator : CG/JU
 Sample : M2854-20DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDW6DL

Manual Integrations
 APPROVED

mohammad
 7/12/2021 9:33:43 AM

Quant Time: Jul 10 04:02:10 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 : Sat Jul 10 02:55:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	3646	0.400	ng/ul	0.00
4) Naphthalene-d8	10.479	136	12533	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.335	164	6489	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.081	188	12893	0.400	ng/ul	0.00
17) Chrysene-d12	21.281	240	10435	0.400	ng/ul	0.00
23) Perylene-d12	23.520	264	9243	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	1300	0.316	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	428	0.022	ng/ul	0.00
18) Fluoranthene-d10	19.118	212	944	0.028	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.529	128	13613	0.340	ng/ul	100
8) 1-Methylnaphthalene	12.366	142	920	0.036	ng/ul	97
10) Acenaphthylene	14.053	152	1066	0.032	ng/ul#	85
11) Acenaphthene	14.400	153	1409	0.055	ng/ul	95
12) Fluorene	15.390	166	1862	0.066	ng/ul#	96
15) Phenanthrene	17.124	178	20311	0.434	ng/ul	100
16) Anthracene	17.217	178	7428	0.180	ng/ul	99
19) Fluoranthene	19.150	202	30385	0.630	ng/ul	99
20) Pyrene	19.513	202	16355	0.338	ng/ul	100
21) Benzo(a)anthracene	21.264	228	14798	0.383	ng/ul	96
22) Chrysene	21.316	228	13541	0.293	ng/ul	97
24) Benzo(b)fluoranthene	22.851	252	13079m	0.303	ng/ul	
25) Benzo(k)fluoranthene	22.889	252	5710m	0.117	ng/ul	
26) Benzo(a)pyrene	23.424	252	3672	0.101	ng/ul#	50
27) Indeno(1,2,3-cd)pyrene	25.763	276	2719	0.062	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.770	278	1409	0.041	ng/ul#	69

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

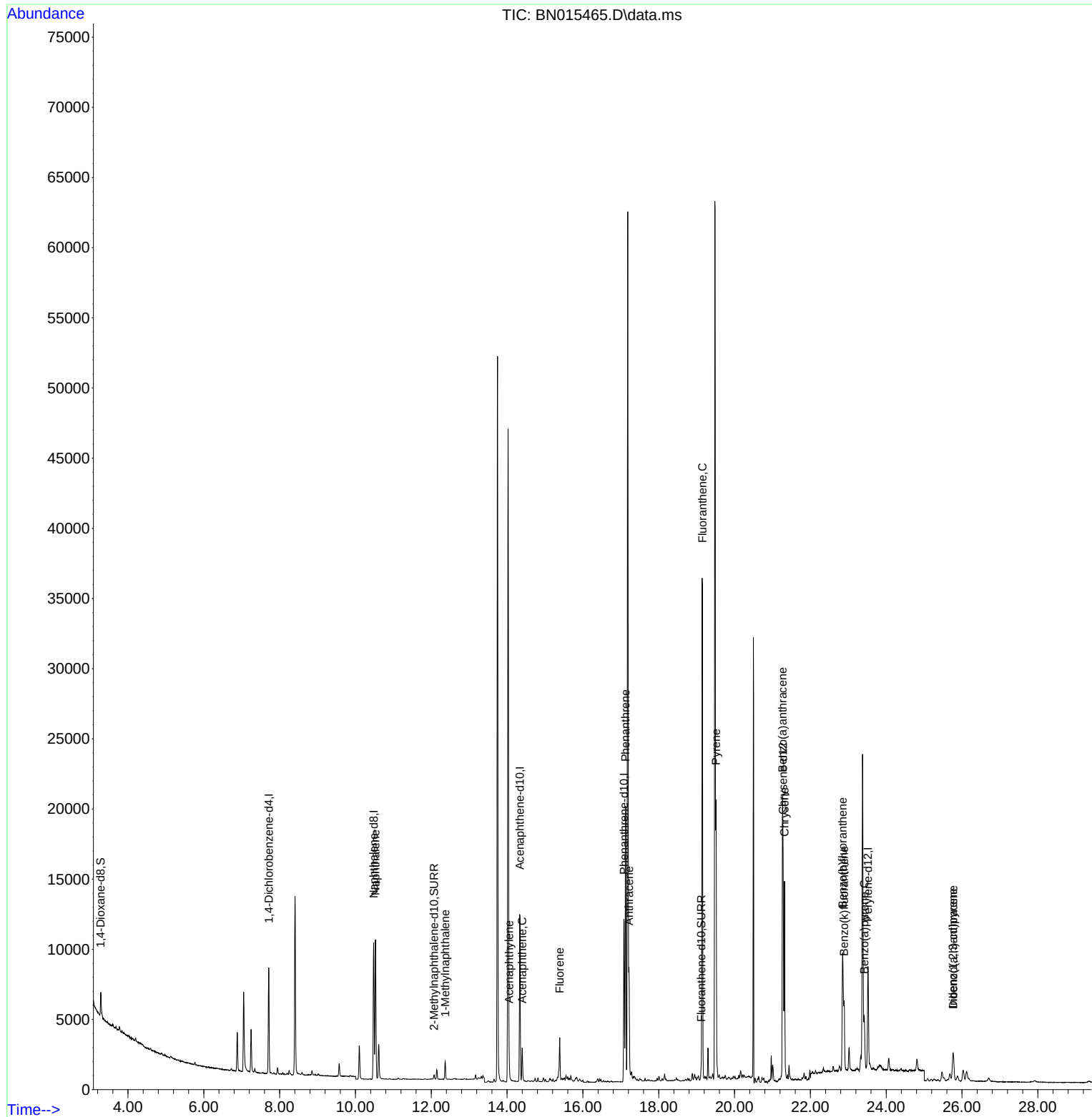
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
Data File : BN015465.D
Acq On : 10 Jul 2021 03:15
Operator : CG/JU
Sample : M2854-20DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

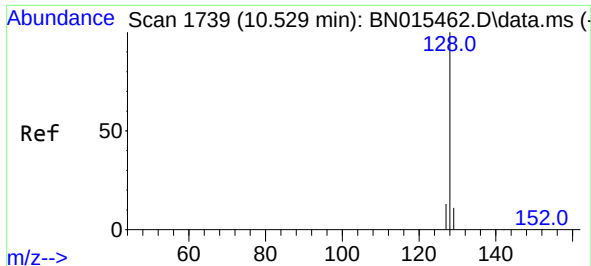
Instrument :
BNA_N
ClientSampleId :
BGDW6DL

Manual Integrations
APPROVED

mohammad
7/12/2021 9:33:43 AM

Quant Time: Jul 10 04:02:10 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 : Sat Jul 10 02:55:19 2021
Response via : Initial Calibration





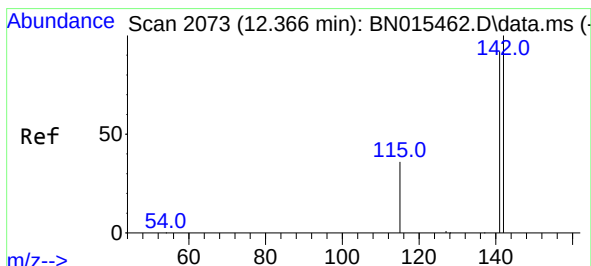
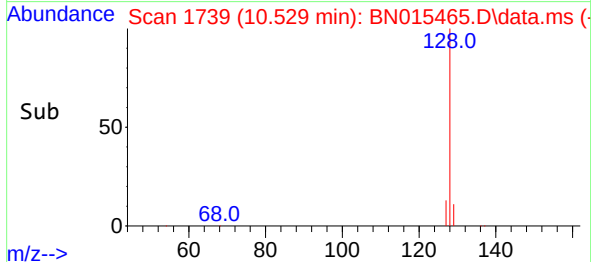
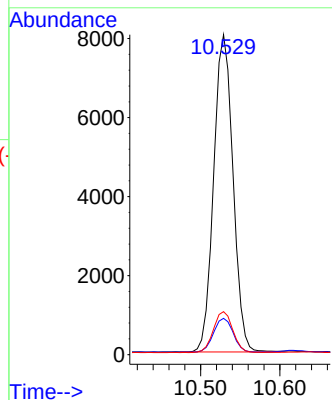
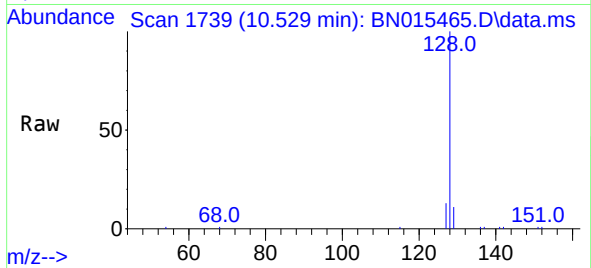
#5
Naphthalene
Concen: 0.340 ng/ul
RT: 10.529 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN015465.D
Acq: 10 Jul 2021 03:15

Tgt Ion:	128	Resp:	13613
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.3	13.9
127	13.5	10.8	16.2

Instrument :
BNA_N
ClientSampleId :
BGDW6DL

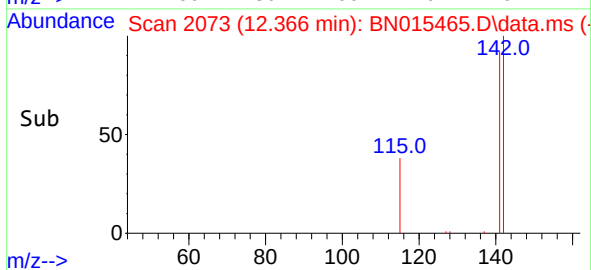
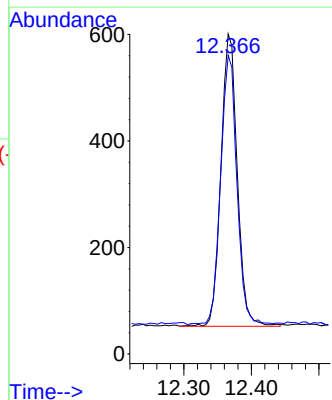
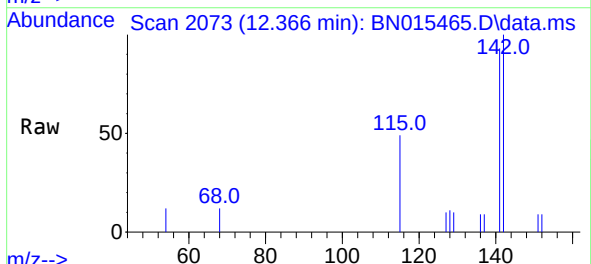
Manual Integrations
APPROVED

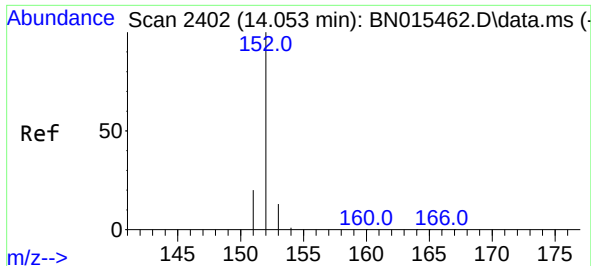
mohammad
7/12/2021 9:33:43 AM



#8
1-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.366 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BN015465.D
Acq: 10 Jul 2021 03:15

Tgt Ion:	142	Resp:	920
Ion Ratio	Lower	Upper	
142	100		
141	90.2	74.2	111.4





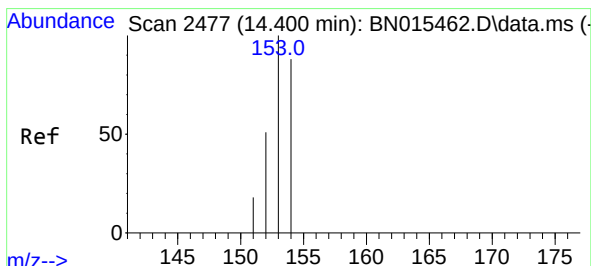
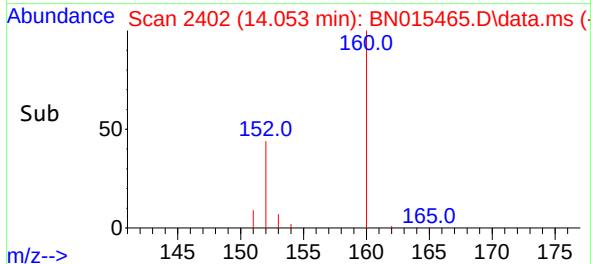
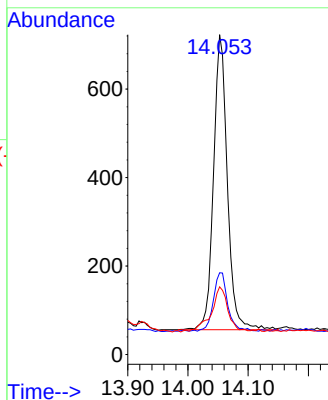
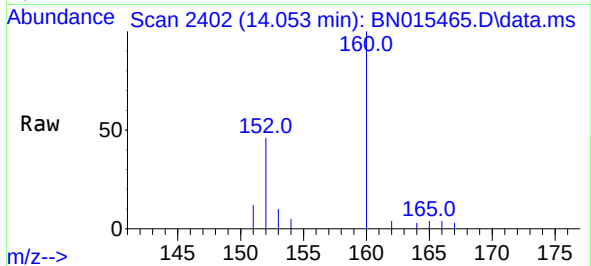
#10
Acenaphthylene
Concen: 0.032 ng/ul
RT: 14.053 min Scan# 2402
Delta R.T. -0.005 min
Lab File: BN015465.D
Acq: 10 Jul 2021 03:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	25.6	16.0	24.0#
153	21.2	10.9	16.3#

Instrument :
BNA_N
ClientSampled :
BGDW6DL

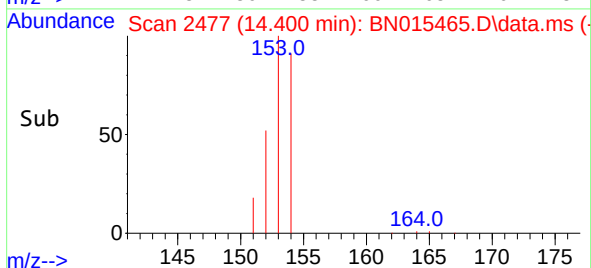
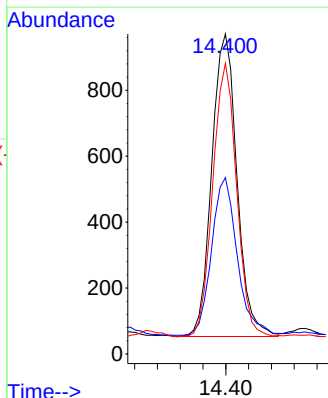
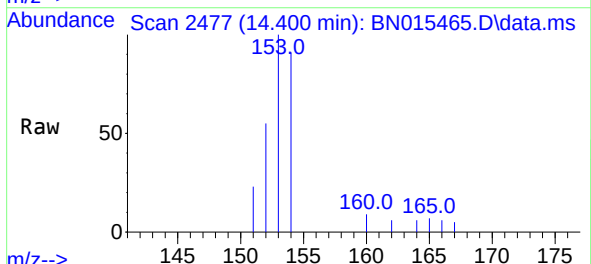
Manual Integrations
APPROVED

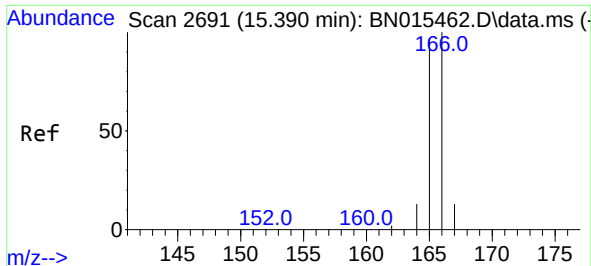
mohammad
7/12/2021 9:33:43 AM



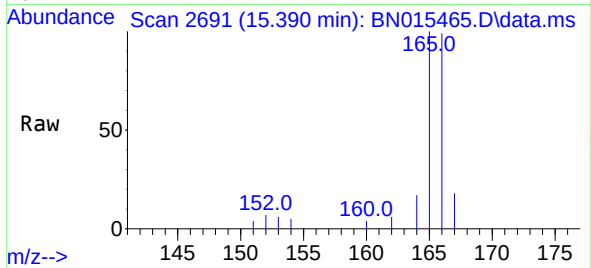
#11
Acenaphthene
Concen: 0.055 ng/ul
RT: 14.400 min Scan# 2477
Delta R.T. 0.000 min
Lab File: BN015465.D
Acq: 10 Jul 2021 03:15

Tgt Ion	Ratio	Lower	Upper
153	100		
152	55.1	39.8	59.6
154	90.8	69.8	104.8

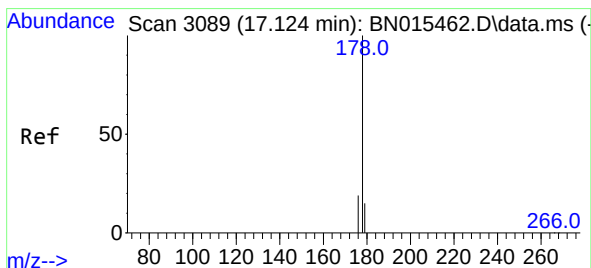
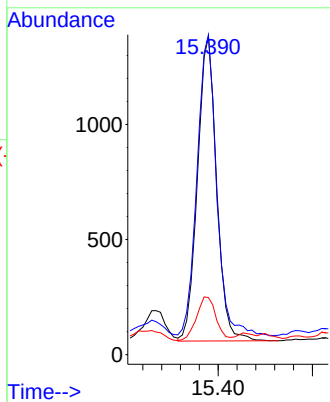
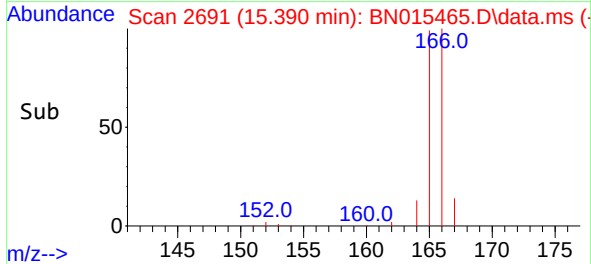




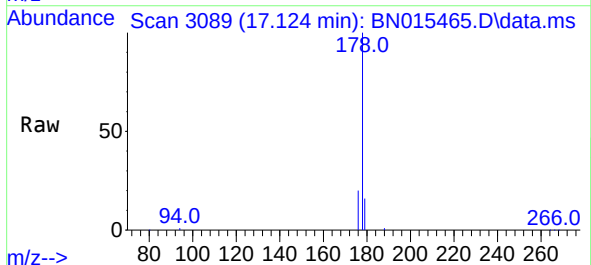
#12
Fluorene
Concen: 0.066 ng/u1
RT: 15.390 min Scan# 2691
Delta R.T. 0.000 min
Lab File: BN015465.D
Acq: 10 Jul 2021 03:15



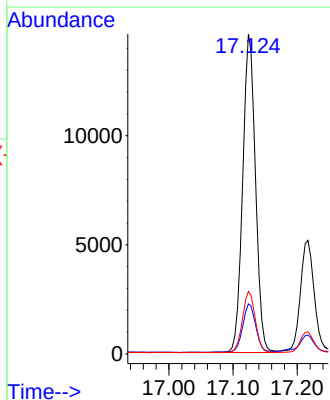
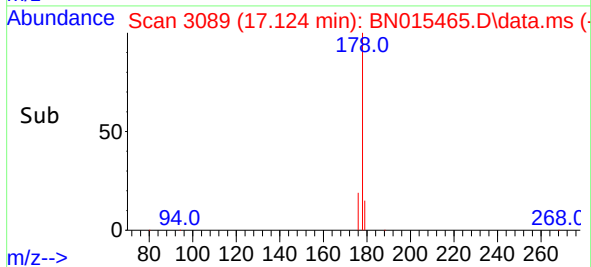
Tgt Ion:166 Resp: 1862
Ion Ratio Lower Upper
166 100
165 100.7 77.8 116.8
167 18.0 11.2 16.8#



#15
Phenanthrene
Concen: 0.434 ng/u1
RT: 17.124 min Scan# 3089
Delta R.T. -0.004 min
Lab File: BN015465.D
Acq: 10 Jul 2021 03:15



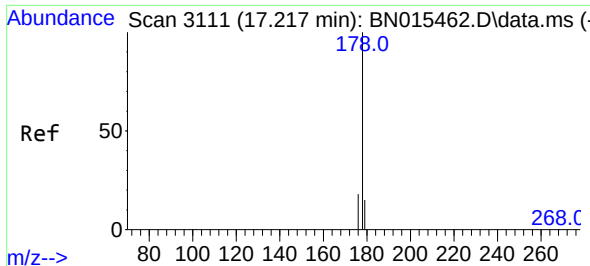
Tgt Ion:178 Resp: 20311
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.6 15.5 23.3



Instrument :
BNA_N
ClientSampleId :
BGDW6DL

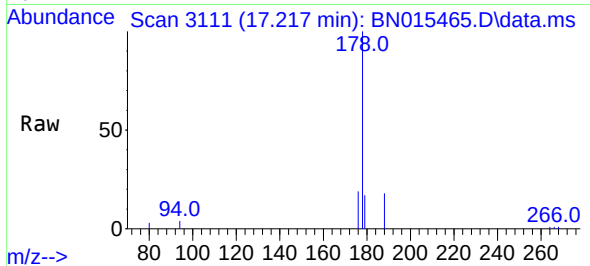
Manual Integrations
APPROVED

mohammad
7/12/2021 9:33:43 AM



#16
 Anthracene
 Concen: 0.180 ng/ul
 RT: 17.217 min Scan# 3111
 Delta R.T. 0.000 min
 Lab File: BN015465.D
 Acq: 10 Jul 2021 03:15

Instrument :
 BNA_N
 ClientSampleId :
 BGDW6DL

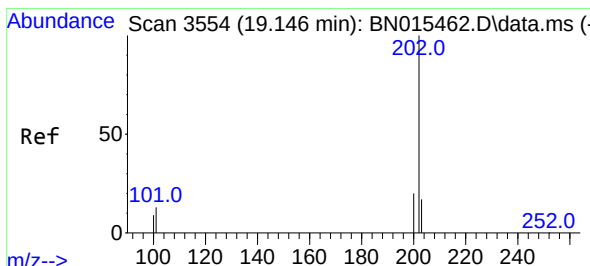
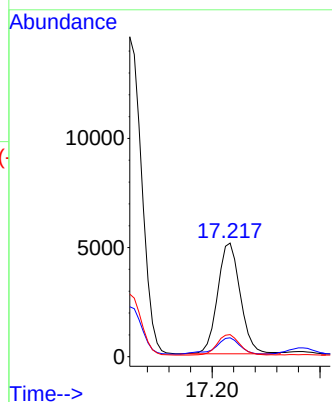


Tgt Ion:178 Resp: 7428

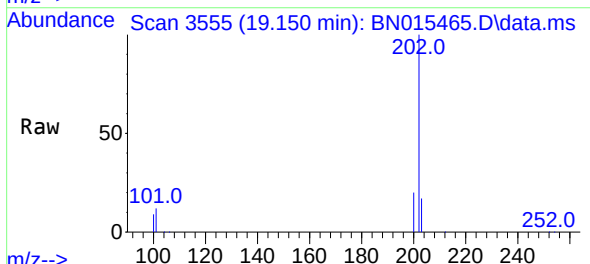
Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.8	19.2
176	19.4	15.2	22.8

Manual Integrations
 APPROVED

mohammad
 7/12/2021 9:33:43 AM

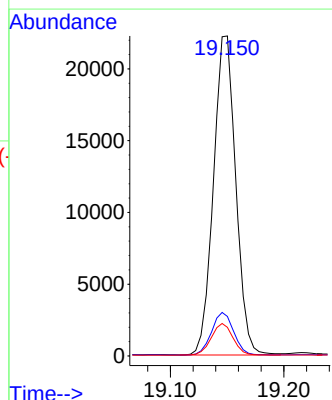
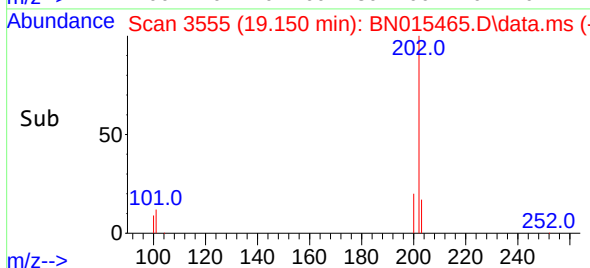


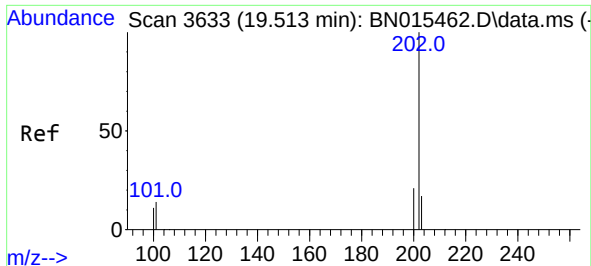
#19
 Fluoranthene
 Concen: 0.630 ng/ul
 RT: 19.150 min Scan# 3555
 Delta R.T. 0.000 min
 Lab File: BN015465.D
 Acq: 10 Jul 2021 03:15



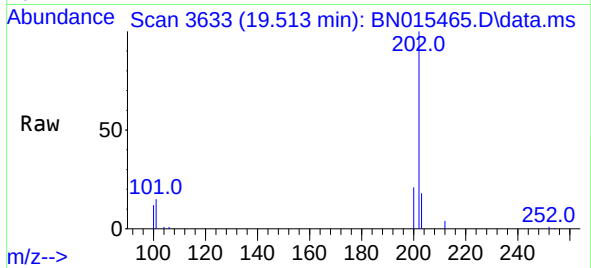
Tgt Ion:202 Resp: 30385

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.1	15.1
100	9.0	7.4	11.0

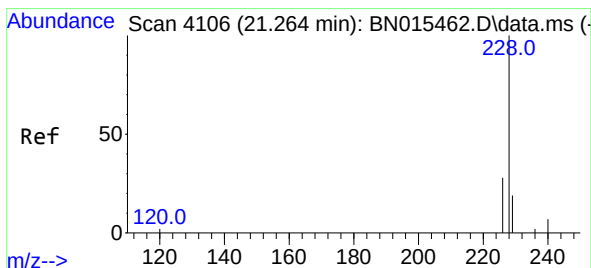
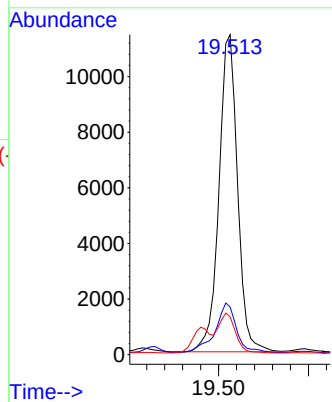
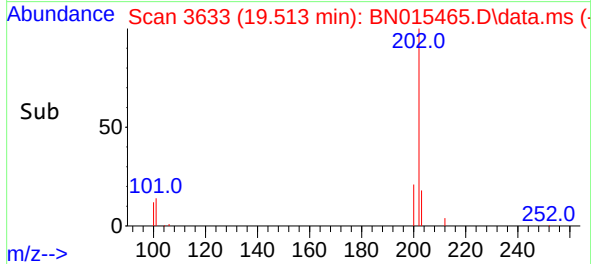




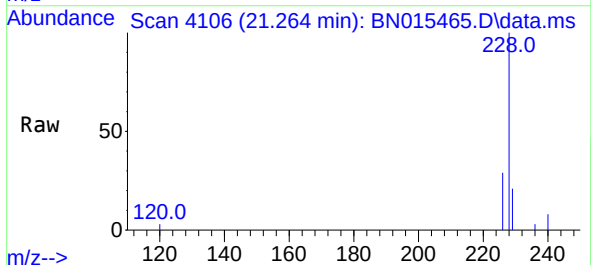
#20
Pyrene
Concen: 0.338 ng/ul
RT: 19.513 min Scan# 3633
Delta R.T. -0.004 min
Lab File: BN015465.D
Acq: 10 Jul 2021 03:15



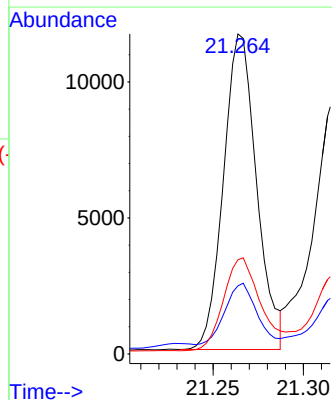
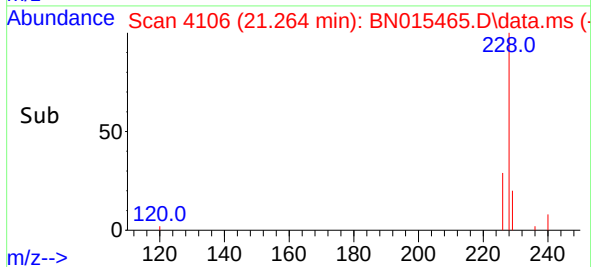
Tgt Ion:202 Resp: 16355
Ion Ratio Lower Upper
202 100
101 14.9 12.0 18.0
100 11.8 9.6 14.4



#21
Benzo(a)anthracene
Concen: 0.383 ng/ul
RT: 21.264 min Scan# 4106
Delta R.T. -0.008 min
Lab File: BN015465.D
Acq: 10 Jul 2021 03:15



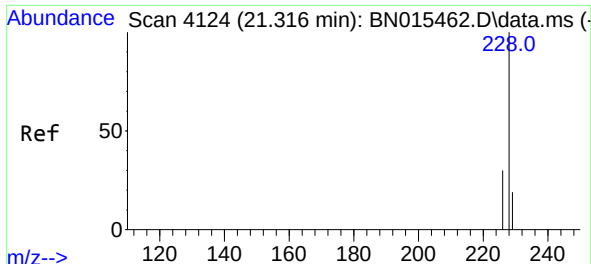
Tgt Ion:228 Resp: 14798
Ion Ratio Lower Upper
228 100
229 21.3 15.8 23.8
226 29.5 21.8 32.8



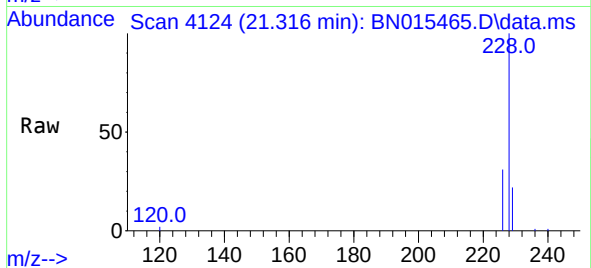
Instrument :
BNA_N
ClientSampleId :
BGDW6DL

Manual Integrations
APPROVED

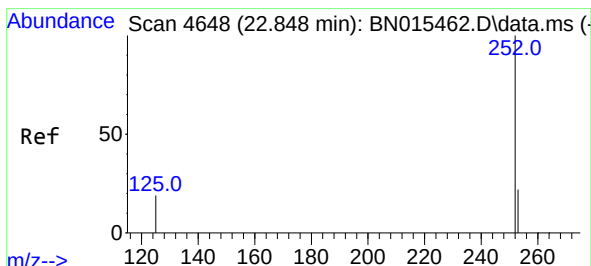
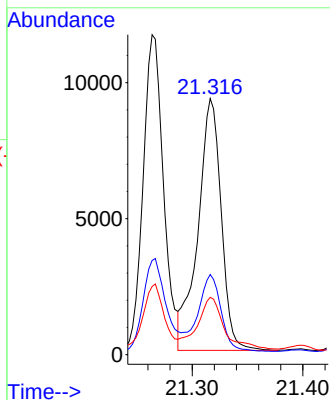
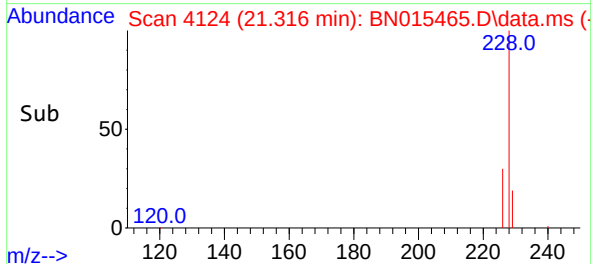
mohammad
7/12/2021 9:33:43 AM



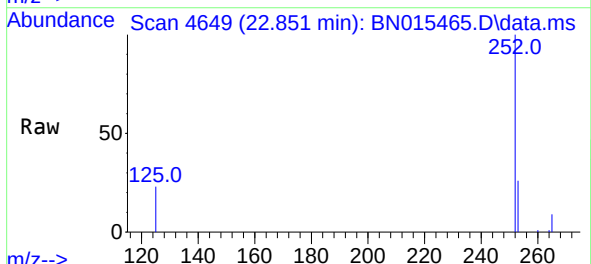
#22
Chrysene
Concen: 0.293 ng/ul
RT: 21.316 min Scan# 4124
Delta R.T. -0.005 min
Lab File: BN015465.D
Acq: 10 Jul 2021 03:15



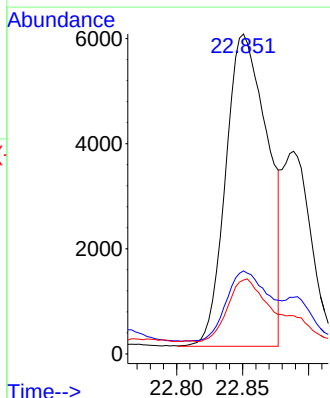
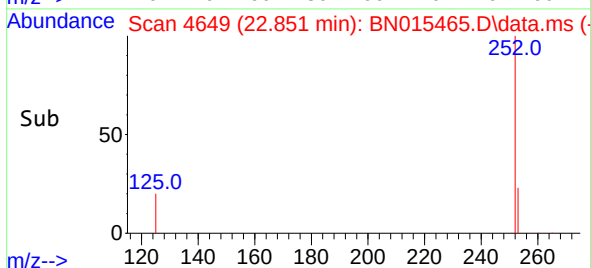
Tgt Ion:228 Resp: 13541
Ion Ratio Lower Upper
228 100
226 31.3 24.6 37.0
229 22.4 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 0.303 ng/ul m
RT: 22.851 min Scan# 4649
Delta R.T. -0.005 min
Lab File: BN015465.D
Acq: 10 Jul 2021 03:15



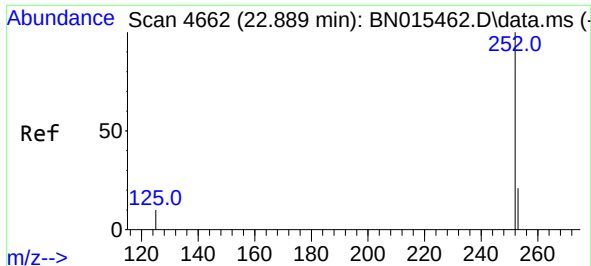
Tgt Ion:252 Resp: 13079
Ion Ratio Lower Upper
252 100
253 25.9 0.0 45.6
125 23.1 0.0 28.4



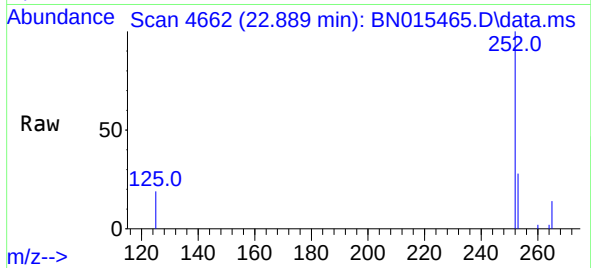
Instrument :
BNA_N
ClientSampleId :
BGDW6DL

Manual Integrations
APPROVED

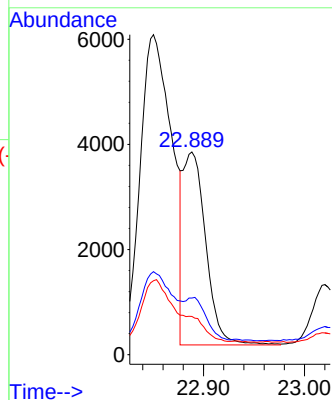
mohammad
7/12/2021 9:33:43 AM



#25
Benzo(k)fluoranthene
Concen: 0.117 ng/ul m
RT: 22.889 min Scan# 4662
Delta R.T. -0.011 min
Lab File: BN015465.D
Acq: 10 Jul 2021 03:15



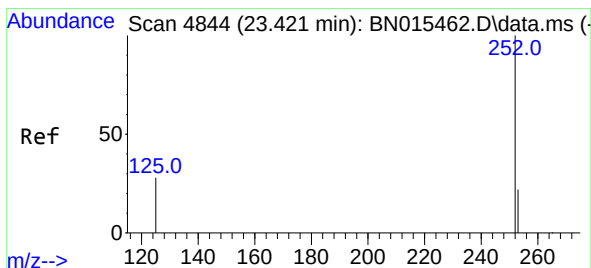
Tgt Ion:252 Resp: 5710
Ion Ratio Lower Upper
252 100
253 27.9 18.1 27.1#
125 18.9 11.5 17.3#



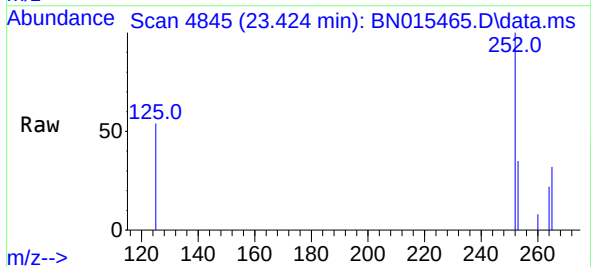
Instrument :
BNA_N
ClientSampled :
BGDW6DL

Manual Integrations
APPROVED

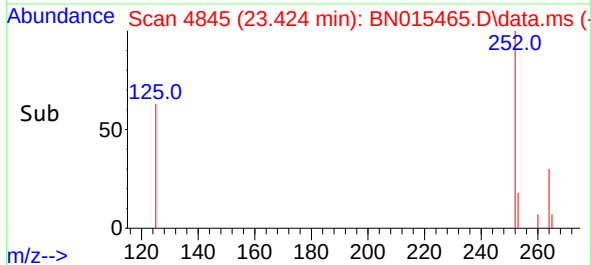
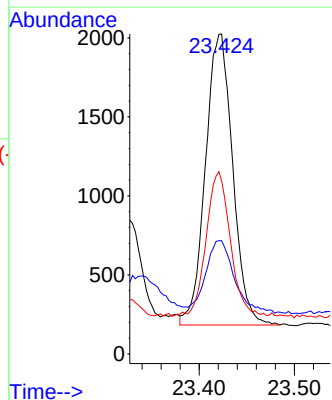
mohammad
7/12/2021 9:33:43 AM

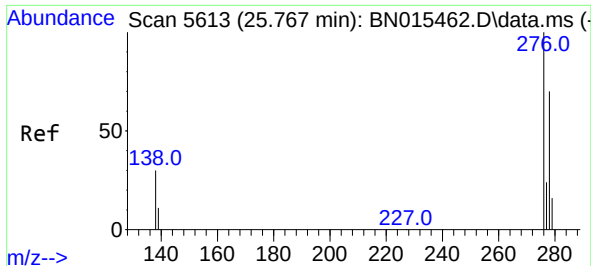


#26
Benzo(a)pyrene
Concen: 0.101 ng/ul
RT: 23.424 min Scan# 4845
Delta R.T. -0.005 min
Lab File: BN015465.D
Acq: 10 Jul 2021 03:15



Tgt Ion:252 Resp: 3672
Ion Ratio Lower Upper
252 100
253 35.4 18.9 28.3#
125 54.0 13.5 20.3#





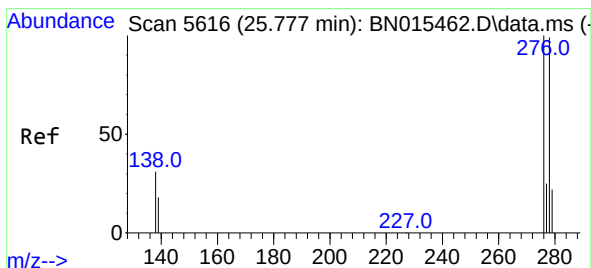
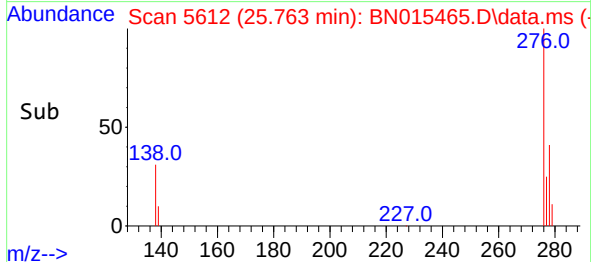
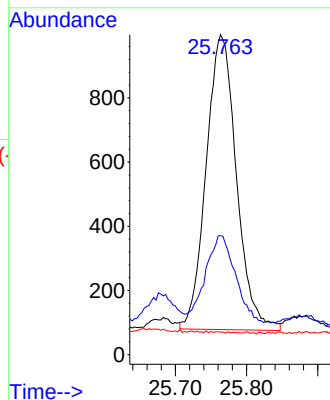
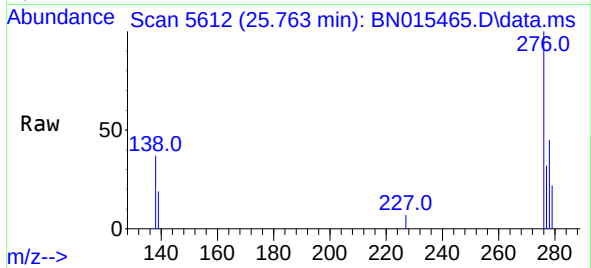
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.062 ng/ul
RT: 25.763 min Scan# 5612
Delta R.T. -0.013 min
Lab File: BN015465.D
Acq: 10 Jul 2021 03:15

Tgt Ion:276 Resp: 2719
Ion Ratio Lower Upper
276 100
138 31.1 26.3 39.5
227 0.0 0.1 0.1#

Instrument :
BNA_N
ClientSampled :
BGDW6DL

Manual Integrations
APPROVED

mohammad
7/12/2021 9:33:43 AM



#28
Dibenzo(a,h)anthracene
Concen: 0.041 ng/ul
RT: 25.770 min Scan# 5614
Delta R.T. -0.020 min
Lab File: BN015465.D
Acq: 10 Jul 2021 03:15

Tgt Ion:278 Resp: 1409
Ion Ratio Lower Upper
278 100
139 36.4 18.9 28.3#
279 44.5 20.8 31.2#

