

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
 Data File : BN016144.D
 Acq On : 02 Sep 2021 19:20
 Operator : CG/JU
 Sample : M3458-06DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AR7DL

Manual Integrations
 APPROVED

mohammad
 9/3/2021 8:59:27 AM

Quant Time: Sep 02 19:49:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 02 13:32:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	3115	0.400	ng/ul	0.00
4) Naphthalene-d8	10.667	136	13021	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.506	164	7731	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.255	188	15872	0.400	ng/ul	0.00
17) Chrysene-d12	21.445	240	15248	0.400	ng/ul	# 0.00
23) Perylene-d12	23.842	264	16190	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	1181	0.326	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.261	152	496	0.027	ng/ul	0.00
18) Fluoranthene-d10	19.285	212	1334	0.033	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.716	128	23774	0.686	ng/ul	99
7) 2-Methylnaphthalene	12.333	142	10546	0.466	ng/ul	99
8) 1-Methylnaphthalene	12.553	142	9214	0.408	ng/ul	99
10) Acenaphthylene	14.229	152	22707	0.776	ng/ul	100
11) Acenaphthene	14.571	153	7427	0.304	ng/ul	100
12) Fluorene	15.556	166	15709	0.561	ng/ul	99
15) Phenanthrene	17.297	178	380184	8.312	ng/ul	98
16) Anthracene	17.390	178	80956	2.049	ng/ul	98
19) Fluoranthene	19.318	202	607142	11.954	ng/ul	97
20) Pyrene	19.680	202	433940	8.435	ng/ul#	94
21) Benzo(a)anthracene	21.430	228	251551	5.395	ng/ul	97
22) Chrysene	21.483	228	241532	4.585	ng/ul	97
24) Benzo(b)fluoranthene	23.117	252	304010m	4.990	ng/ul	
25) Benzo(k)fluoranthene	23.143	252	119978m	1.958	ng/ul	
26) Benzo(a)pyrene	23.734	252	158149	3.061	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.324	276	121830	1.825	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.330	278	37193	0.676	ng/ul#	90
29) Benzo(g,h,i)perylene	27.095	276	10197	0.176	ng/ul#	71

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

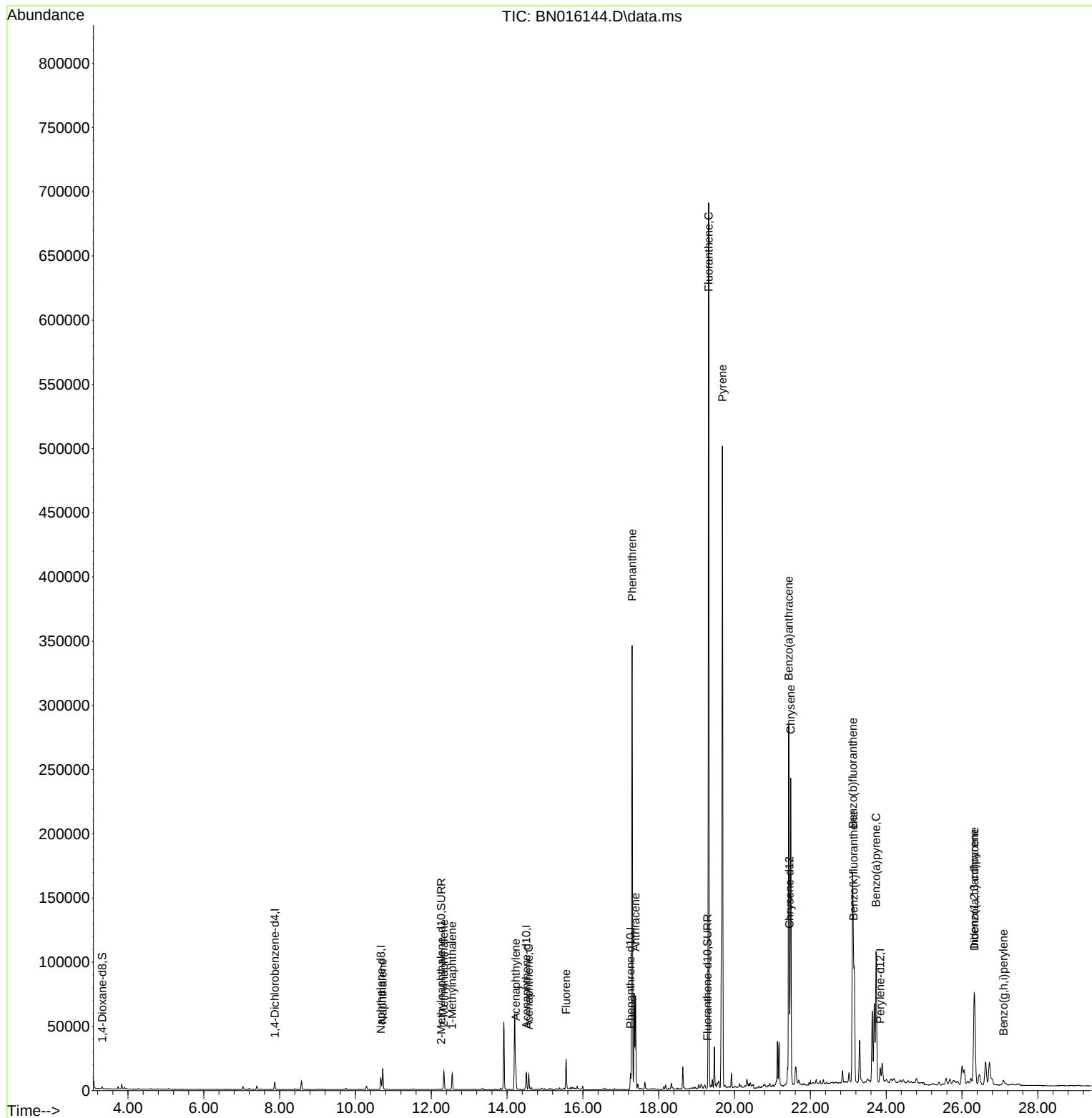
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
Data File : BN016144.D
Acq On : 02 Sep 2021 19:20
Operator : CG/JU
Sample : M3458-06DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

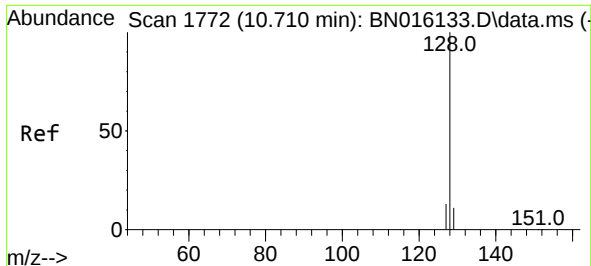
Instrument :
BNA_N
ClientSampleId :
C0AR7DL

Manual Integrations
APPROVED

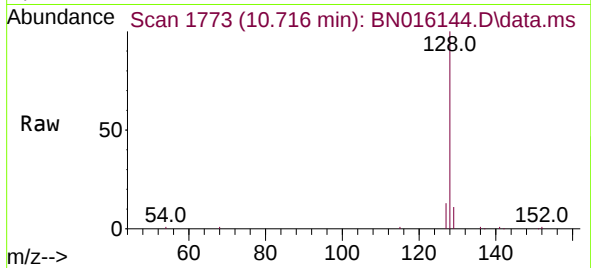
mohammad
9/3/2021 8:59:27 AM

Quant Time: Sep 02 19:49:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 02 13:32:21 2021
Response via : Initial Calibration

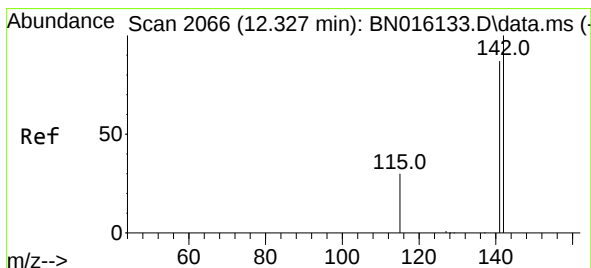
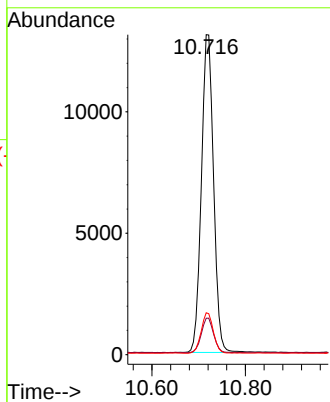
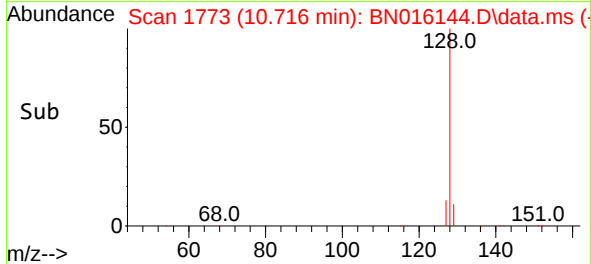




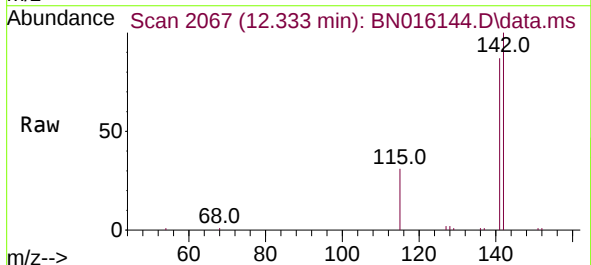
#5
Naphthalene
Concen: 0.686 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.006 min
Lab File: BN016144.D
Acq: 02 Sep 2021 19:20



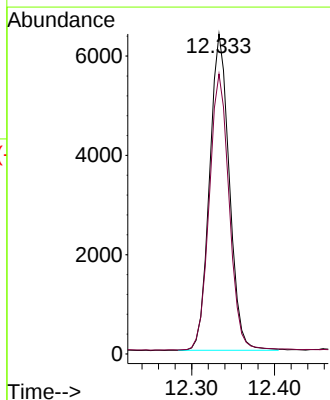
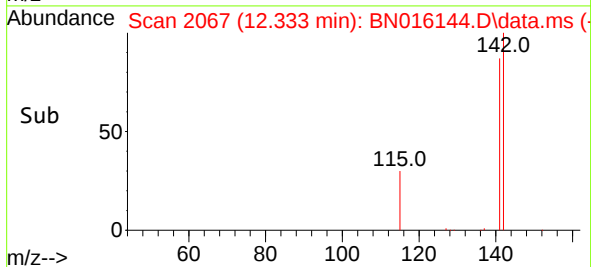
Tgt Ion:128 Resp: 23774
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.1 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.466 ng/ul
RT: 12.333 min Scan# 2067
Delta R.T. 0.006 min
Lab File: BN016144.D
Acq: 02 Sep 2021 19:20



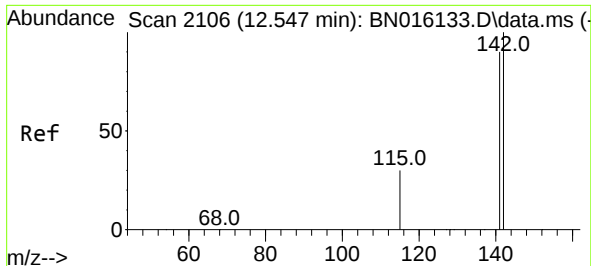
Tgt Ion:142 Resp: 10546
Ion Ratio Lower Upper
142 100
141 87.9 69.5 104.3



Instrument :
BNA_N
ClientSampleId :
C0AR7DL

Manual Integrations
APPROVED

mohammad
9/3/2021 8:59:27 AM



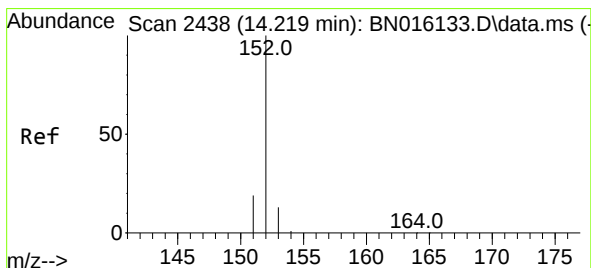
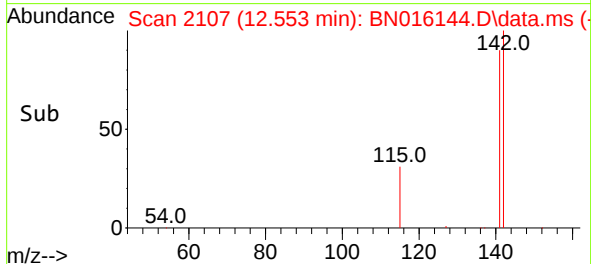
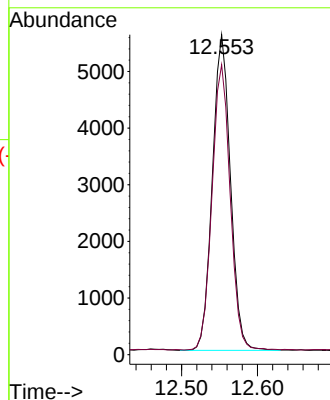
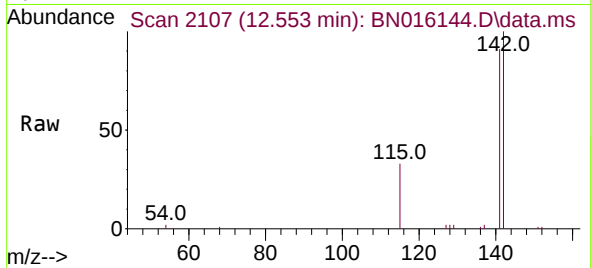
#8
1-Methylnaphthalene
Concen: 0.408 ng/ul
RT: 12.553 min Scan# 2107
Delta R.T. 0.006 min
Lab File: BN016144.D
Acq: 02 Sep 2021 19:20

Tgt Ion:142 Resp: 9214
Ion Ratio Lower Upper
142 100
141 90.9 72.2 108.4

Instrument :
BNA_N
ClientSampleId :
C0AR7DL

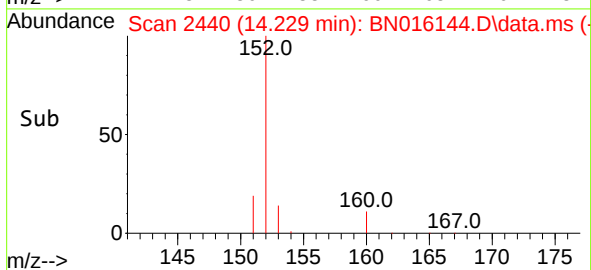
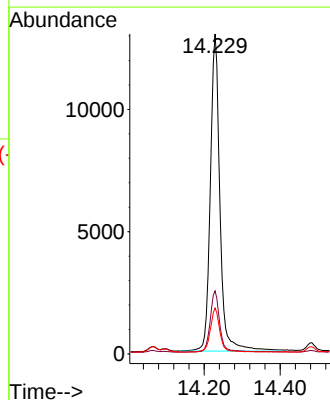
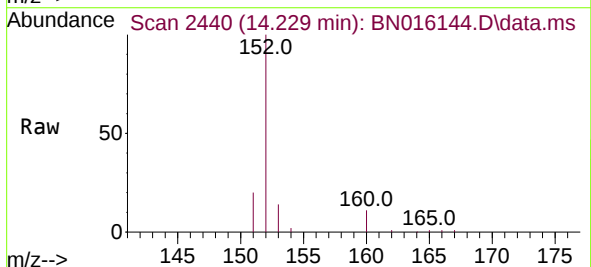
Manual Integrations
APPROVED

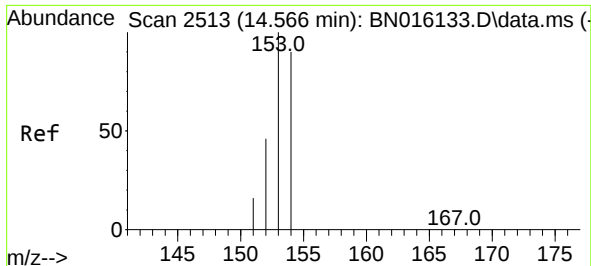
mohammad
9/3/2021 8:59:27 AM



#10
Acenaphthylene
Concen: 0.776 ng/ul
RT: 14.229 min Scan# 2440
Delta R.T. 0.009 min
Lab File: BN016144.D
Acq: 02 Sep 2021 19:20

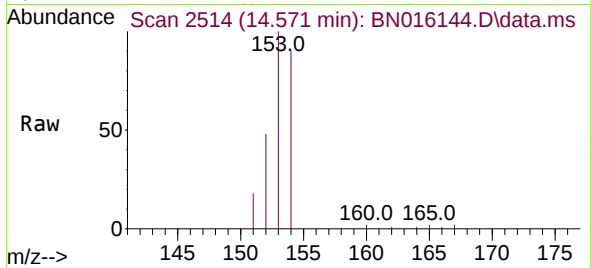
Tgt Ion:152 Resp: 22707
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 14.4 11.2 16.8





#11
Acenaphthene
Concen: 0.304 ng/ul
RT: 14.571 min Scan# 2514
Delta R.T. 0.005 min
Lab File: BN016144.D
Acq: 02 Sep 2021 19:20

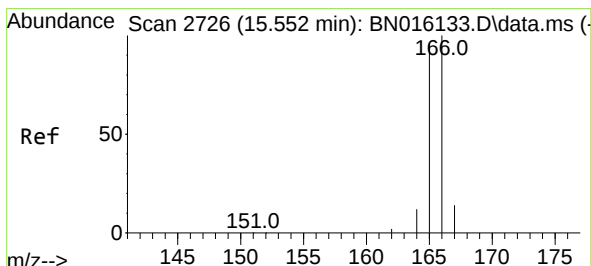
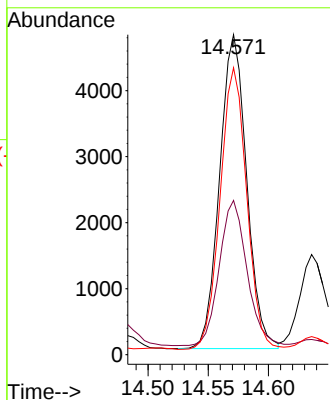
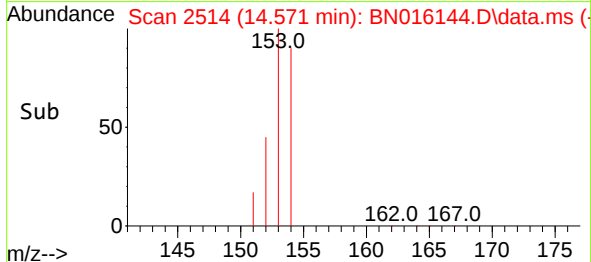
Instrument :
BNA_N
ClientSampleId :
C0AR7DL



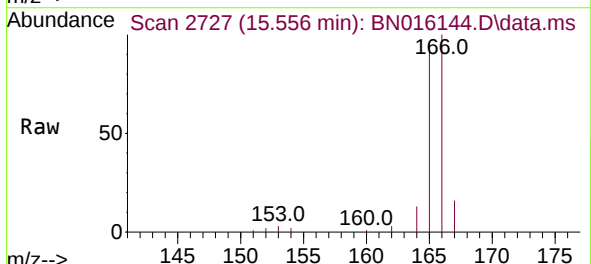
Tgt Ion:153 Resp: 7427
Ion Ratio Lower Upper
153 100
152 48.2 38.5 57.7
154 89.7 71.3 106.9

Manual Integrations
APPROVED

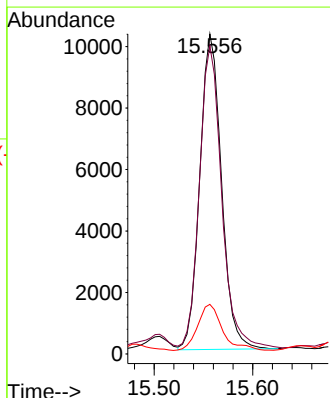
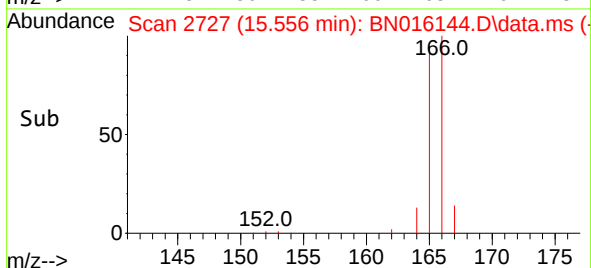
mohammad
9/3/2021 8:59:27 AM

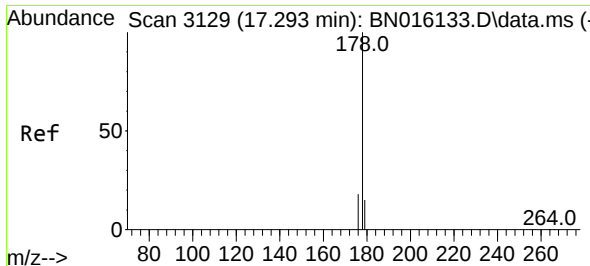


#12
Fluorene
Concen: 0.561 ng/ul
RT: 15.556 min Scan# 2727
Delta R.T. 0.005 min
Lab File: BN016144.D
Acq: 02 Sep 2021 19:20



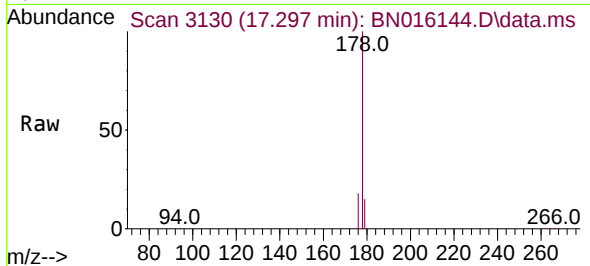
Tgt Ion:166 Resp: 15709
Ion Ratio Lower Upper
166 100
165 96.2 77.9 116.9
167 15.5 11.8 17.8





#15
Phenanthrene
Concen: 8.312 ng/u1
RT: 17.297 min Scan# 3130
Delta R.T. 0.004 min
Lab File: BN016144.D
Acq: 02 Sep 2021 19:20

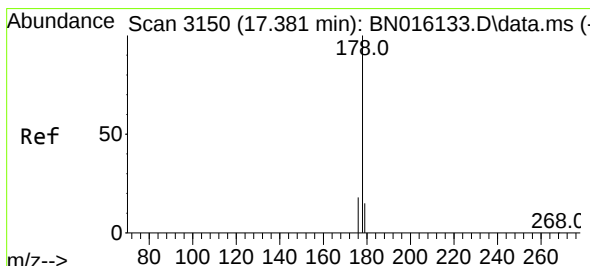
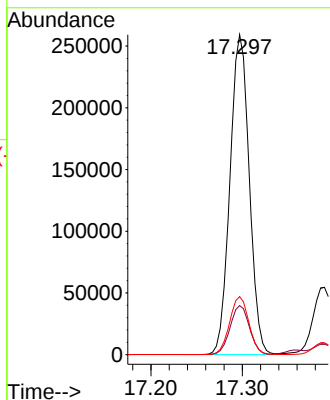
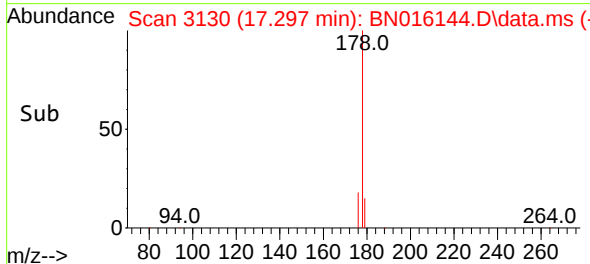
Instrument :
BNA_N
ClientSampled :
C0AR7DL



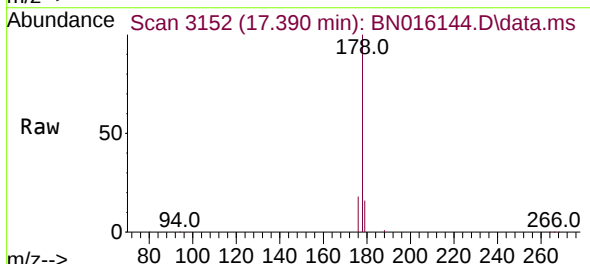
Tgt Ion:178 Resp: 380184
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 18.1 15.2 22.8

Manual Integrations
APPROVED

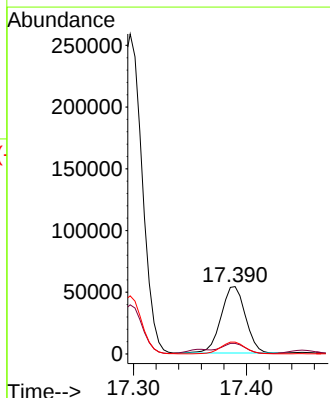
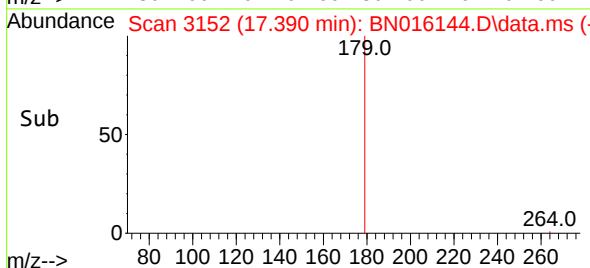
mohammad
9/3/2021 8:59:27 AM

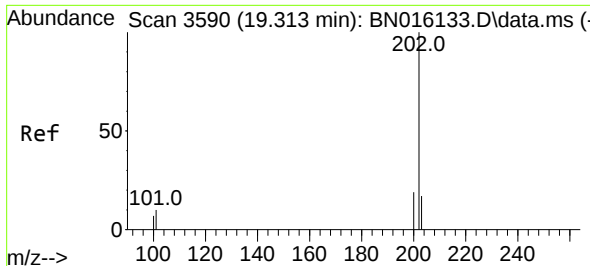


#16
Anthracene
Concen: 2.049 ng/u1
RT: 17.390 min Scan# 3152
Delta R.T. 0.009 min
Lab File: BN016144.D
Acq: 02 Sep 2021 19:20



Tgt Ion:178 Resp: 80956
Ion Ratio Lower Upper
178 100
179 15.8 13.3 19.9
176 17.6 14.9 22.3





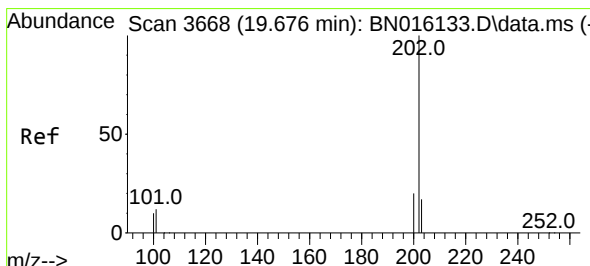
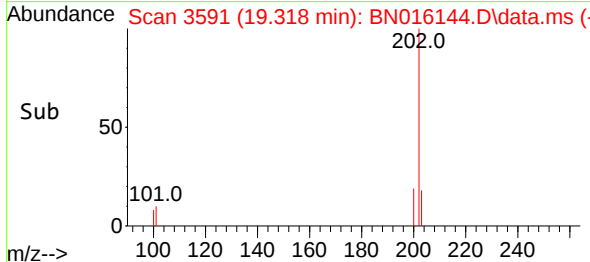
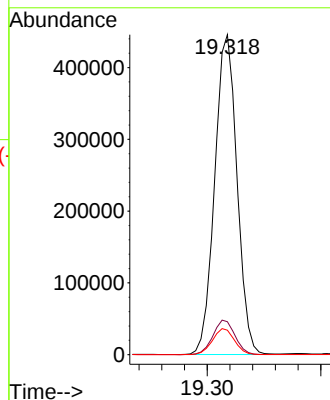
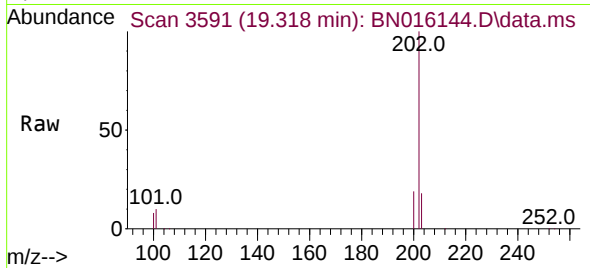
#19
Fluoranthene
Concen: 11.954 ng/u1
RT: 19.318 min Scan# 3591
Delta R.T. 0.005 min
Lab File: BN016144.D
Acq: 02 Sep 2021 19:20

Tgt Ion:202 Resp: 607142
Ion Ratio Lower Upper
202 100
101 10.3 9.2 13.8
100 7.6 6.7 10.1

Instrument :
BNA_N
ClientSampleId :
C0AR7DL

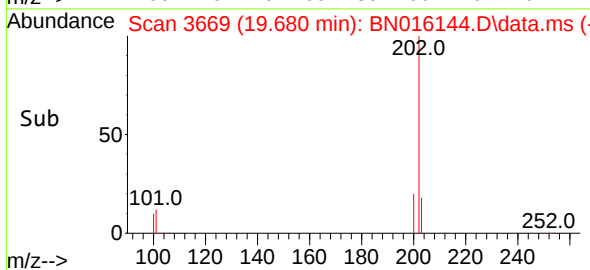
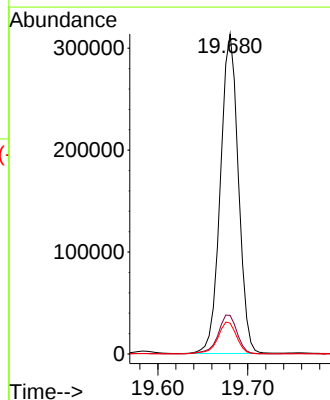
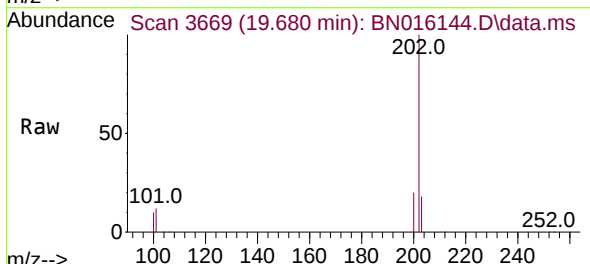
Manual Integrations
APPROVED

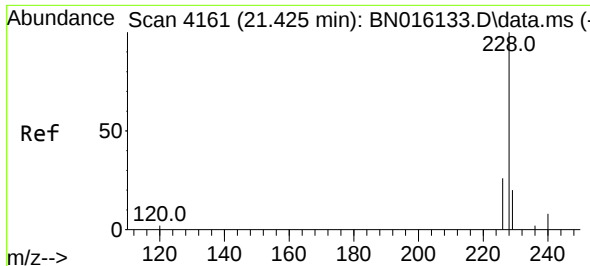
mohammad
9/3/2021 8:59:27 AM



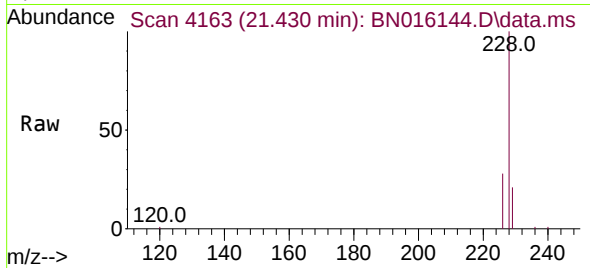
#20
Pyrene
Concen: 8.435 ng/u1
RT: 19.680 min Scan# 3669
Delta R.T. 0.005 min
Lab File: BN016144.D
Acq: 02 Sep 2021 19:20

Tgt Ion:202 Resp: 433940
Ion Ratio Lower Upper
202 100
101 12.1 11.5 17.3
100 9.7 9.8 14.8#

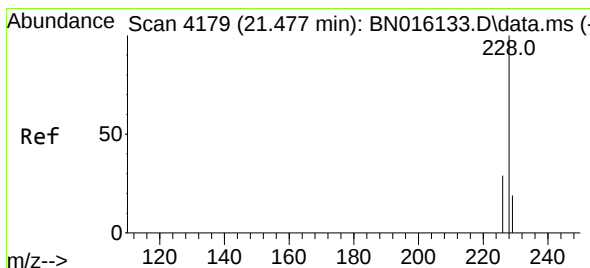
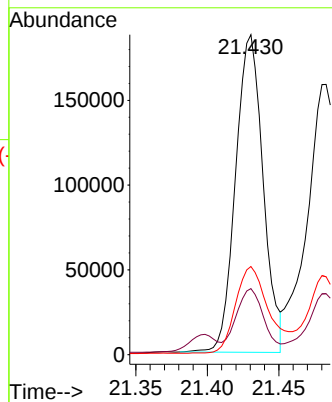
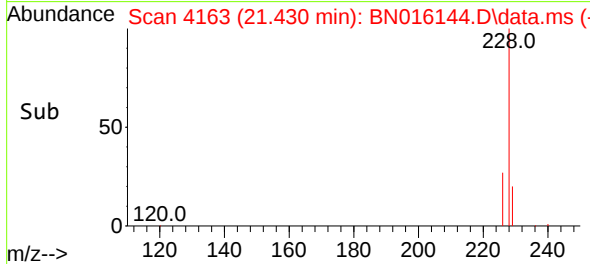




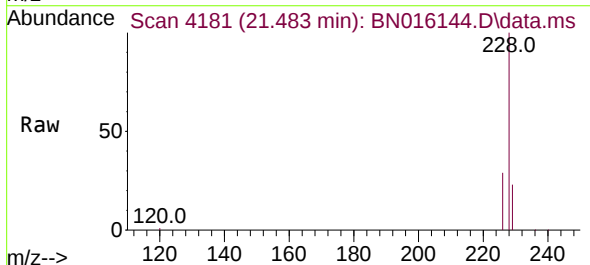
#21
Benzo(a)anthracene
Concen: 5.395 ng/ul
RT: 21.430 min Scan# 4163
Delta R.T. 0.006 min
Lab File: BN016144.D
Acq: 02 Sep 2021 19:20



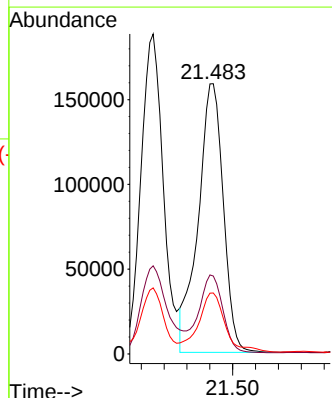
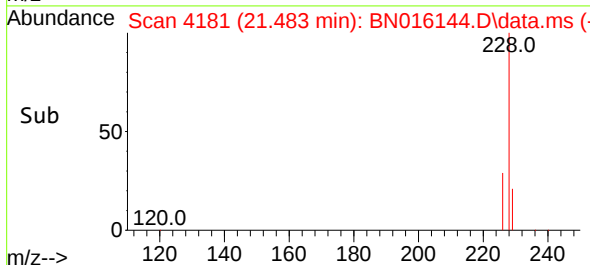
Tgt Ion:228 Resp: 251551
Ion Ratio Lower Upper
228 100
229 20.7 15.7 23.5
226 27.6 20.8 31.2



#22
Chrysene
Concen: 4.585 ng/ul
RT: 21.483 min Scan# 4181
Delta R.T. 0.006 min
Lab File: BN016144.D
Acq: 02 Sep 2021 19:20



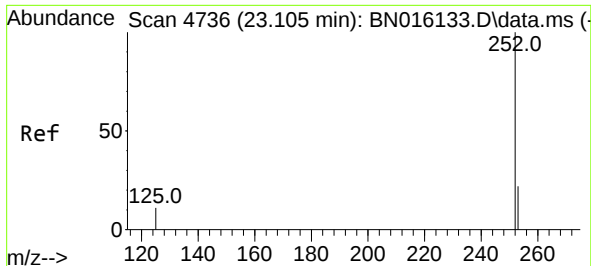
Tgt Ion:228 Resp: 241532
Ion Ratio Lower Upper
228 100
226 28.8 23.2 34.8
229 22.6 15.6 23.4



Instrument :
BNA_N
ClientSampleID :
C0AR7DL

Manual Integrations
APPROVED

mohammad
9/3/2021 8:59:27 AM



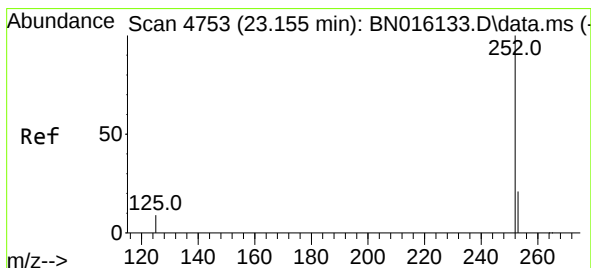
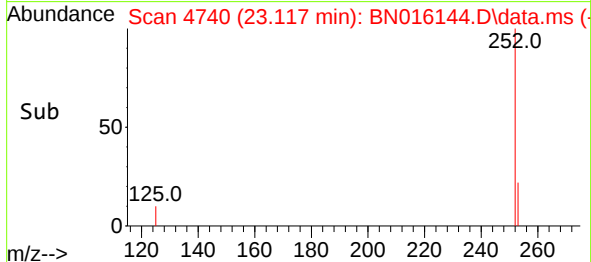
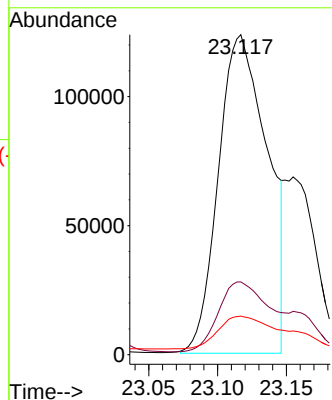
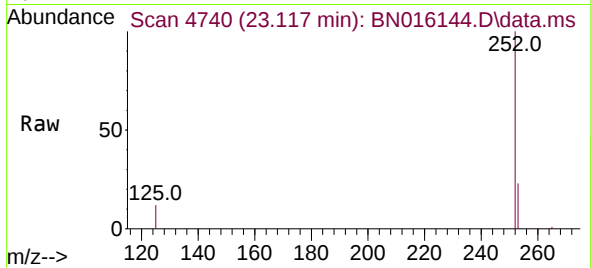
#24
Benzo(b)fluoranthene
Concen: 4.990 ng/ul m
RT: 23.117 min Scan# 4740
Delta R.T. 0.012 min
Lab File: BN016144.D
Acq: 02 Sep 2021 19:20

Tgt Ion:252 Resp: 304010
Ion Ratio Lower Upper
252 100
253 22.7 0.0 49.4
125 12.0 0.0 27.0

Instrument :
BNA_N
ClientSampleId :
C0AR7DL

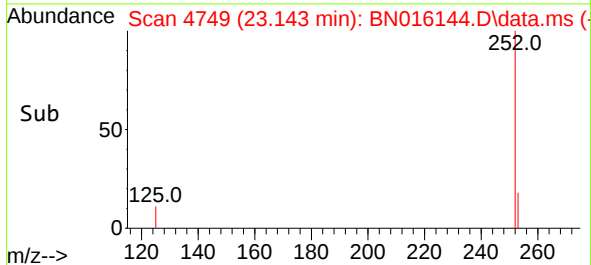
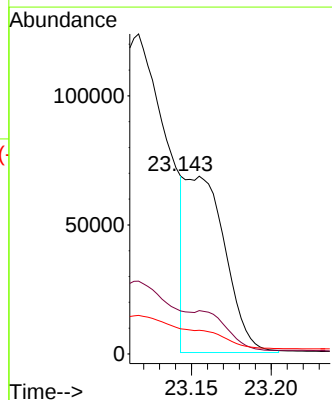
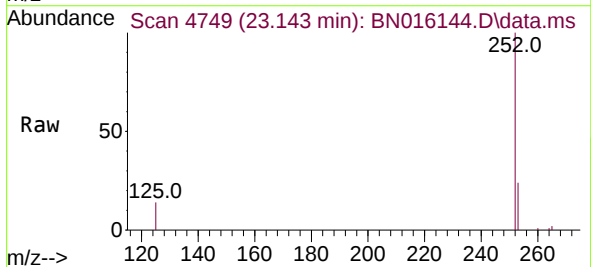
Manual Integrations
APPROVED

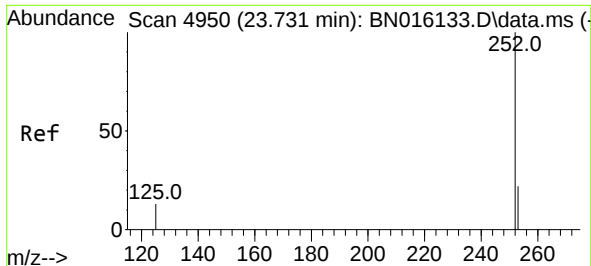
mohammad
9/3/2021 8:59:27 AM



#25
Benzo(k)fluoranthene
Concen: 1.958 ng/ul m
RT: 23.143 min Scan# 4749
Delta R.T. -0.012 min
Lab File: BN016144.D
Acq: 02 Sep 2021 19:20

Tgt Ion:252 Resp: 119978
Ion Ratio Lower Upper
252 100
253 24.2 19.4 29.0
125 14.1 10.9 16.3





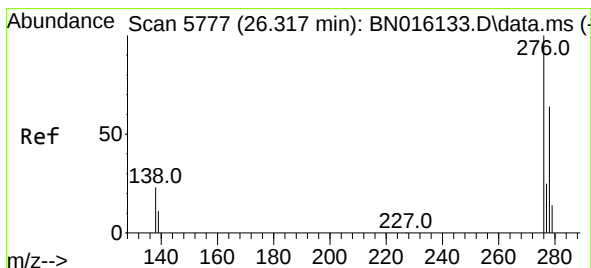
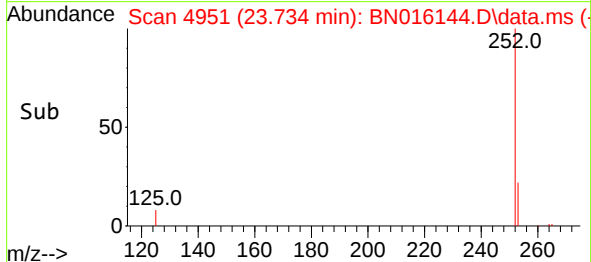
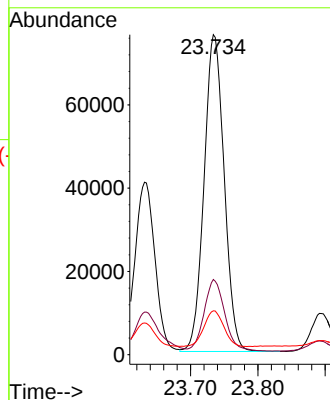
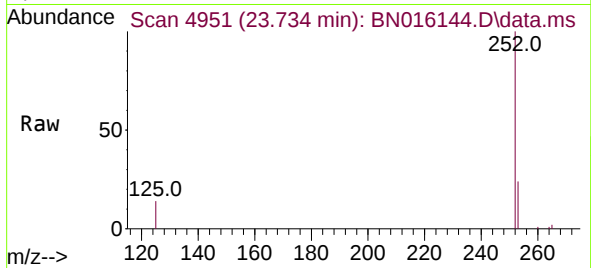
#26
Benzo(a)pyrene
Concen: 3.061 ng/ul
RT: 23.734 min Scan# 4951
Delta R.T. 0.003 min
Lab File: BN016144.D
Acq: 02 Sep 2021 19:20

Tgt Ion:	252	Resp:	158149
Ion Ratio	Lower	Upper	
252	100		
253	23.5	20.2	30.2
125	13.7	12.6	18.8

Instrument :
BNA_N
ClientSampleId :
C0AR7DL

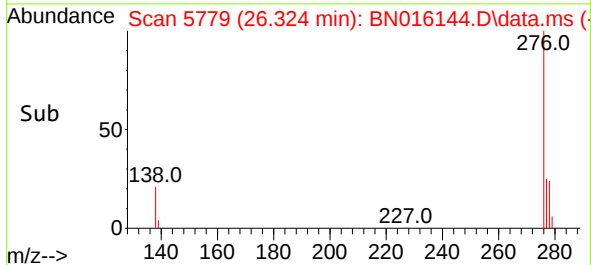
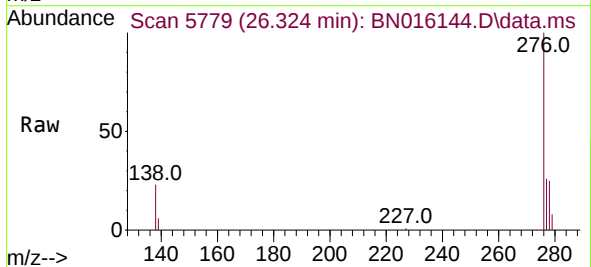
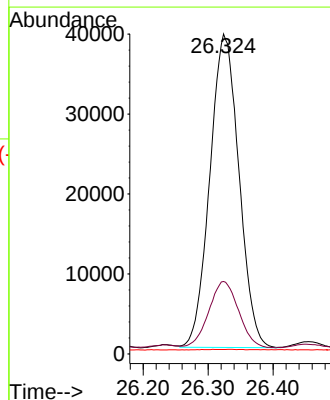
Manual Integrations
APPROVED

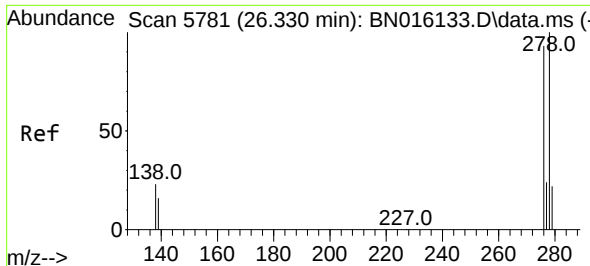
mohammad
9/3/2021 8:59:27 AM



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.825 ng/ul
RT: 26.324 min Scan# 5779
Delta R.T. 0.007 min
Lab File: BN016144.D
Acq: 02 Sep 2021 19:20

Tgt Ion:	276	Resp:	121830
Ion Ratio	Lower	Upper	
276	100		
138	21.9	22.7	34.1#
227	0.0	0.2	0.2#





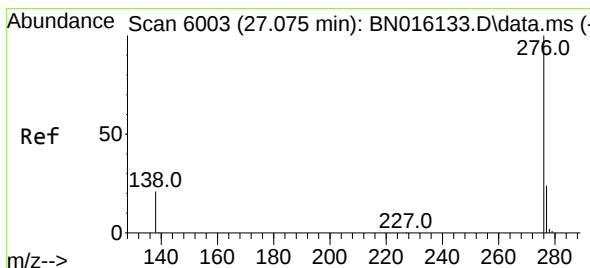
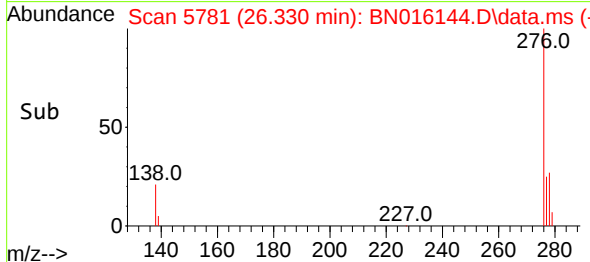
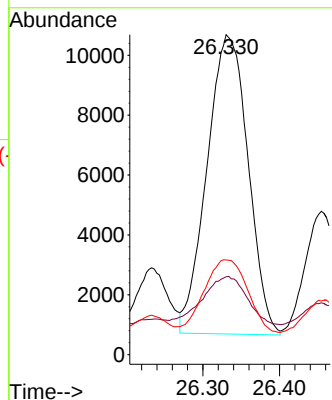
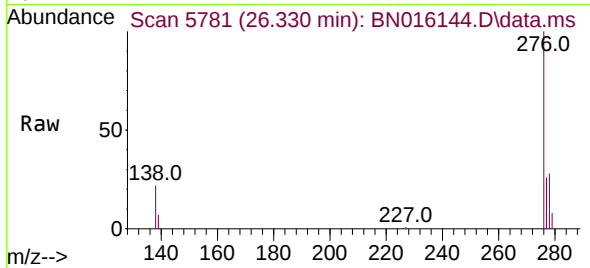
#28
Dibenzo(a,h)anthracene
Concen: 0.676 ng/ul
RT: 26.330 min Scan# 5781
Delta R.T. 0.000 min
Lab File: BN016144.D
Acq: 02 Sep 2021 19:20

Tgt Ion: 278 Resp: 37193
Ion Ratio Lower Upper
278 100
139 24.3 15.1 22.7#
279 29.6 20.5 30.7

Instrument :
BNA_N
ClientSampled :
C0AR7DL

Manual Integrations
APPROVED

mohammad
9/3/2021 8:59:27 AM



#29
Benzo(g,h,i)perylene
Concen: 0.176 ng/ul
RT: 27.095 min Scan# 6009
Delta R.T. 0.020 min
Lab File: BN016144.D
Acq: 02 Sep 2021 19:20

Tgt Ion: 276 Resp: 10197
Ion Ratio Lower Upper
276 100
138 39.6 19.3 28.9#
277 38.2 19.8 29.8#

