

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102721\
 Data File : BN017170.D
 Acq On : 29 Oct 2021 00:26
 Operator : CG/JU
 Sample : M4205-16DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B04DL

Manual Integrations
 APPROVED

mohammad
 10/29/2021 2:24:35 PM

Quant Time: Oct 29 03:16:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 28 12:50:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	6225	0.400	ng/ul	0.00
4) Naphthalene-d8	10.300	136	23657	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.180	164	15020	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.936	188	33898	0.400	ng/ul	0.00
17) Chrysene-d12	21.145	240	34401	0.400	ng/ul	0.00
23) Perylene-d12	23.345	264	34086	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	308	0.045	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.912	152	100	0.003	ng/ul	0.00
18) Fluoranthene-d10	18.976	212	290	0.003	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.898	152	8963	0.151	ng/ul	98
15) Phenanthrene	16.978	178	24020	0.223	ng/ul	99
16) Anthracene	17.071	178	5070	0.057	ng/ul	96
19) Fluoranthene	19.004	202	72913	0.592	ng/ul	99
20) Pyrene	19.371	202	74447	0.590	ng/ul	100
21) Benzo(a)anthracene	21.127	228	44887	0.398	ng/ul	97
22) Chrysene	21.180	228	49945	0.391	ng/ul	98
24) Benzo(b)fluoranthene	22.688	252	67663m	0.533	ng/ul	
25) Benzo(k)fluoranthene	22.729	252	29825m	0.207	ng/ul	
26) Benzo(a)pyrene	23.249	252	45014	0.395	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.559	276	32186	0.199	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.569	278	8690	0.068	ng/ul#	81
29) Benzo(g,h,i)perylene	26.234	276	25053	0.183	ng/ul	98

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

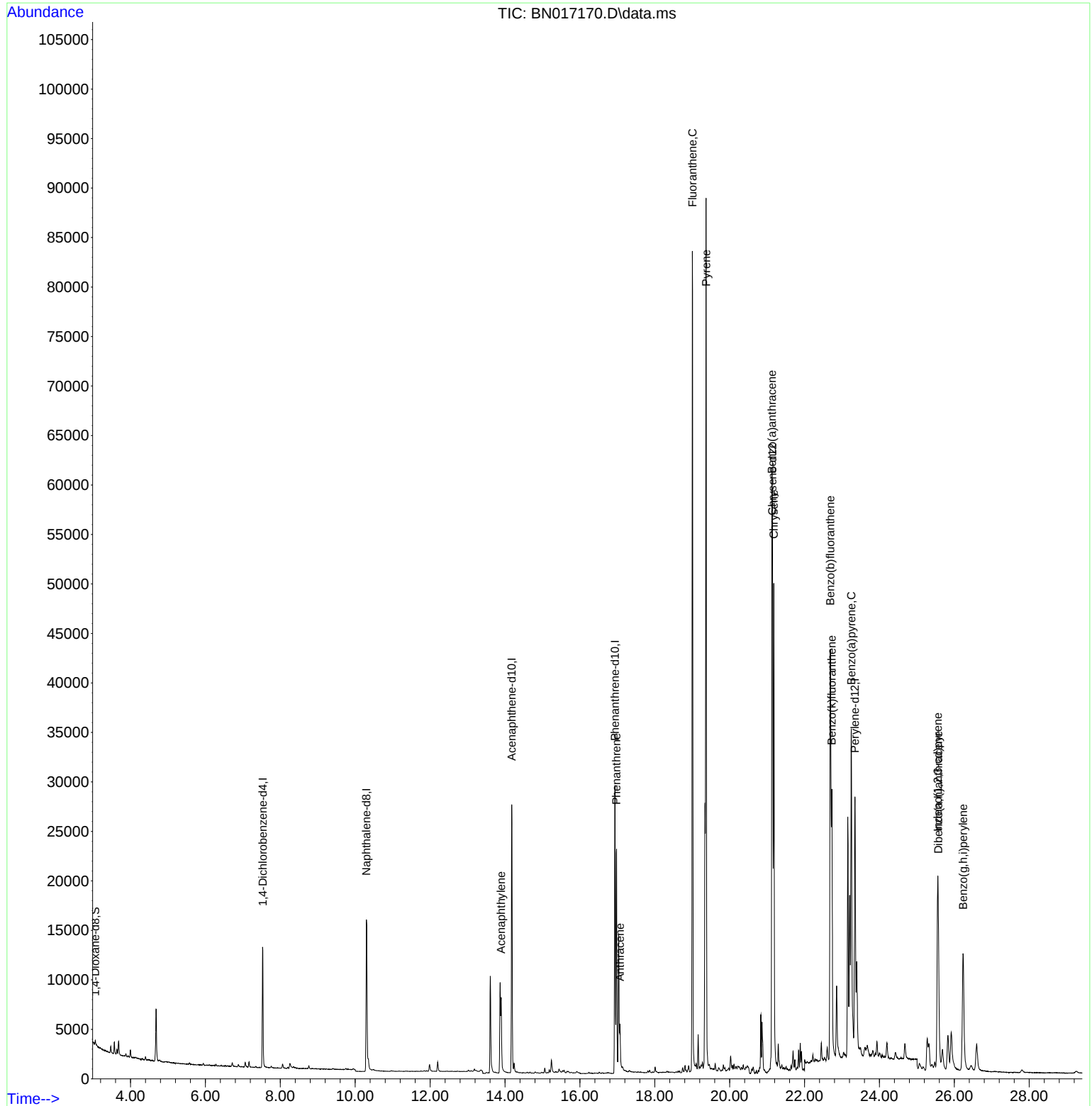
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102721\
Data File : BN017170.D
Acq On : 29 Oct 2021 00:26
Operator : CG/JU
Sample : M4205-16DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

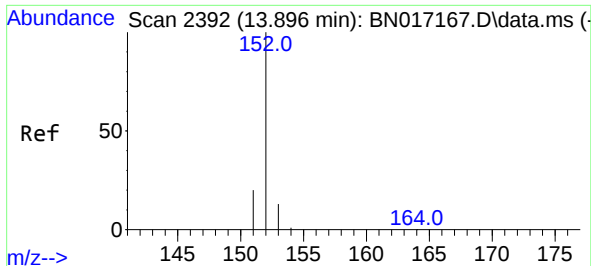
Instrument :
BNA_N
ClientSampleId :
C0B04DL

Manual Integrations
APPROVED

mohammad
10/29/2021 2:24:35 PM

Quant Time: Oct 29 03:16:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 28 12:50:34 2021
Response via : Initial Calibration





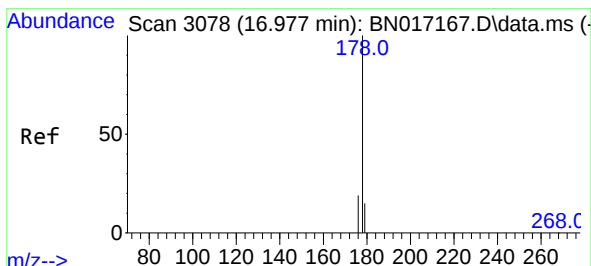
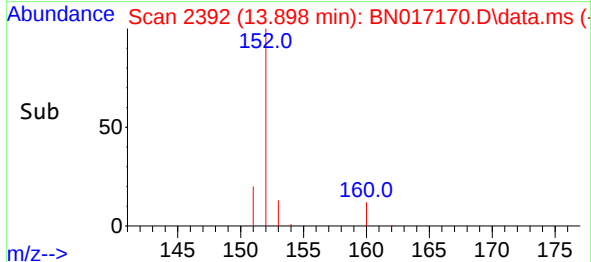
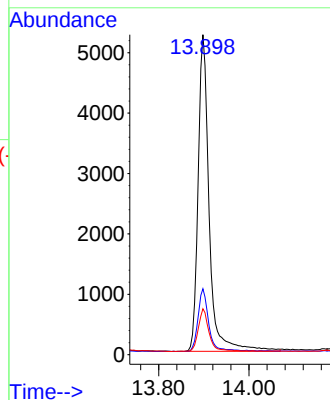
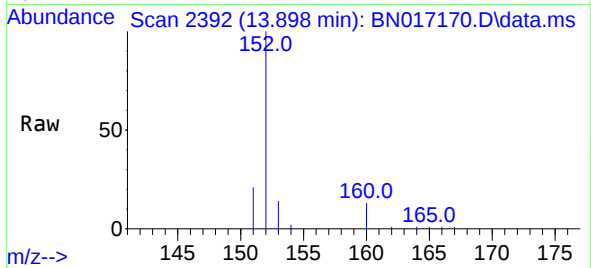
#10
Acenaphthylene
Concen: 0.151 ng/ul
RT: 13.898 min Scan# 2392
Delta R.T. 0.001 min
Lab File: BN017170.D
Acq: 29 Oct 2021 00:26

Tgt Ion:	152	Resp:	8963
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.0	24.0
153	14.4	10.8	16.2

Instrument :
BNA_N
ClientSampleId :
C0B04DL

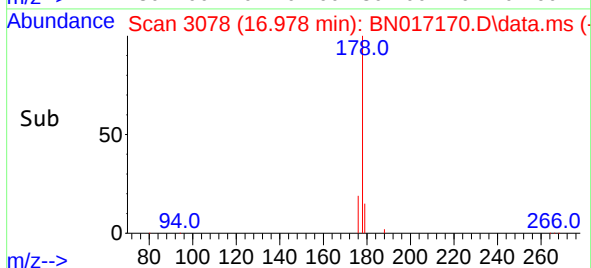
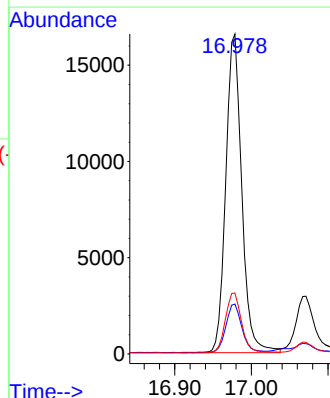
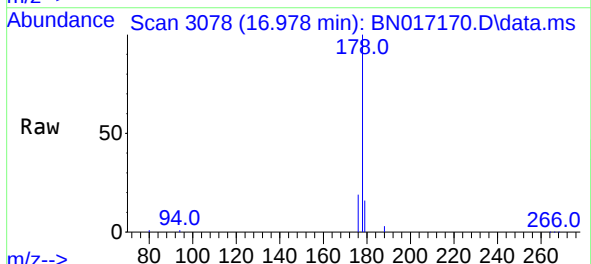
Manual Integrations
APPROVED

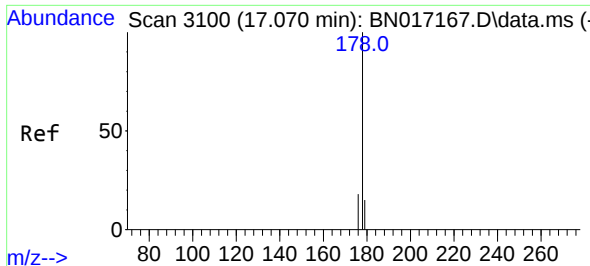
mohammad
10/29/2021 2:24:35 PM



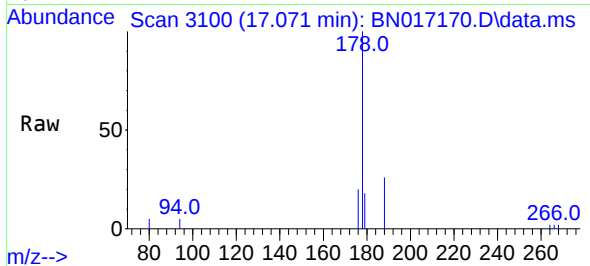
#15
Phenanthrene
Concen: 0.223 ng/ul
RT: 16.978 min Scan# 3078
Delta R.T. 0.001 min
Lab File: BN017170.D
Acq: 29 Oct 2021 00:26

Tgt Ion:	178	Resp:	24020
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.6	19.0
176	19.0	15.5	23.3

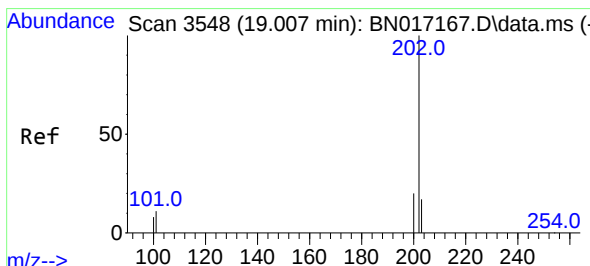
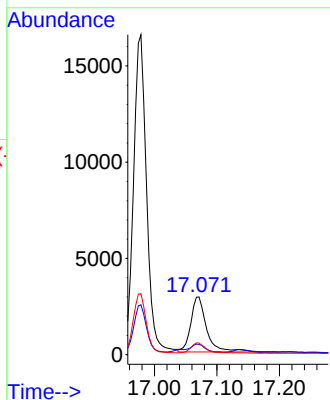
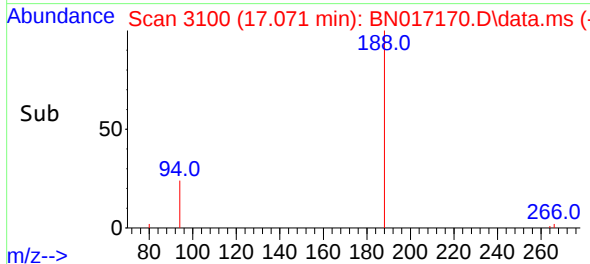




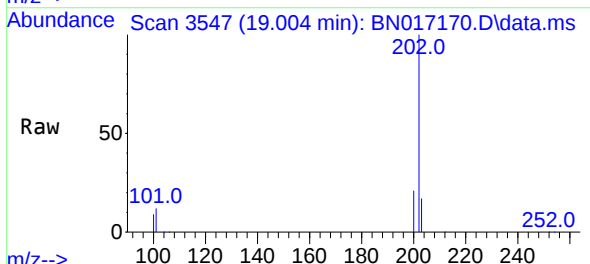
#16
 Anthracene
 Concen: 0.057 ng/ul
 RT: 17.071 min Scan# 3100
 Delta R.T. 0.001 min
 Lab File: BN017170.D
 Acq: 29 Oct 2021 00:26



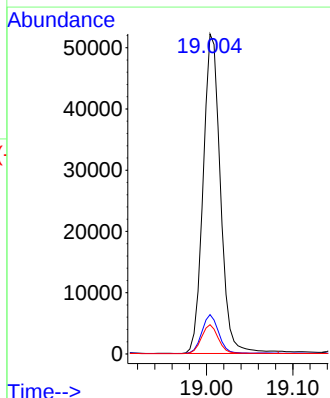
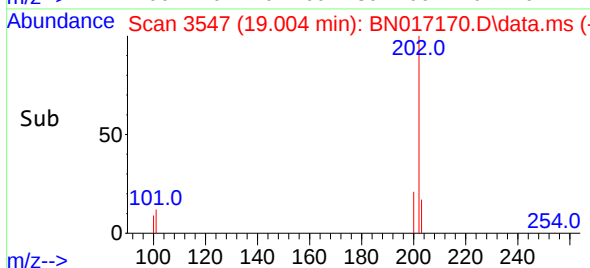
Tgt Ion:178 Resp: 5070
 Ion Ratio Lower Upper
 178 100
 179 17.9 12.6 19.0
 176 20.3 15.2 22.8



#19
 Fluoranthene
 Concen: 0.592 ng/ul
 RT: 19.004 min Scan# 3547
 Delta R.T. -0.003 min
 Lab File: BN017170.D
 Acq: 29 Oct 2021 00:26



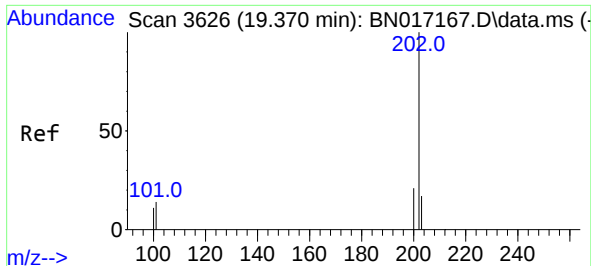
Tgt Ion:202 Resp: 72913
 Ion Ratio Lower Upper
 202 100
 101 12.3 9.7 14.5
 100 9.2 7.2 10.8



Instrument :
 BNA_N
 ClientSampleId :
 C0B04DL

Manual Integrations
 APPROVED

mohammad
 10/29/2021 2:24:35 PM



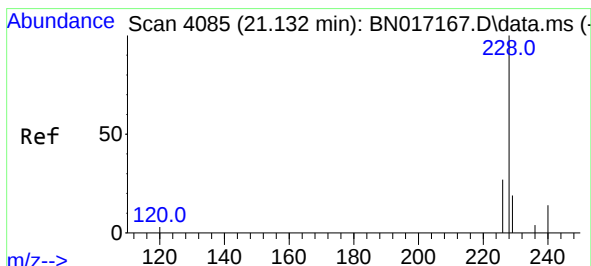
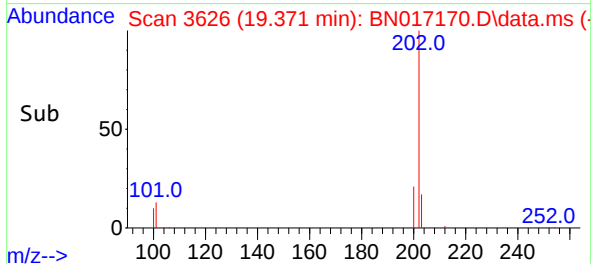
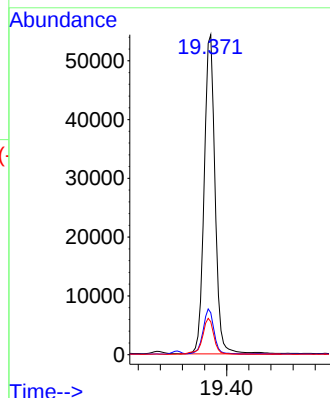
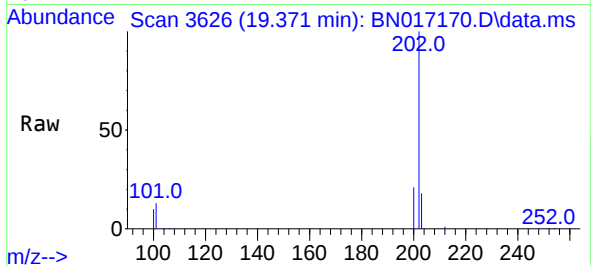
#20
Pyrene
Concen: 0.590 ng/ul
RT: 19.371 min Scan# 3626
Delta R.T. -0.003 min
Lab File: BN017170.D
Acq: 29 Oct 2021 00:26

Tgt Ion:202 Resp: 74447
Ion Ratio Lower Upper
202 100
101 13.1 10.3 15.5
100 10.3 8.2 12.2

Instrument :
BNA_N
ClientSampleId :
C0B04DL

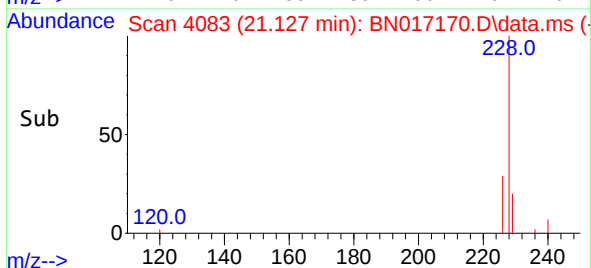
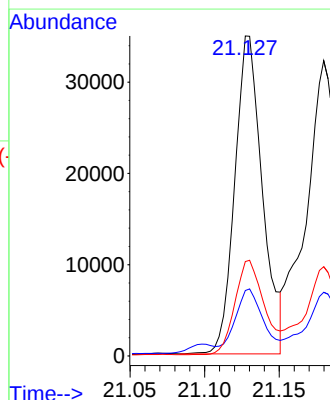
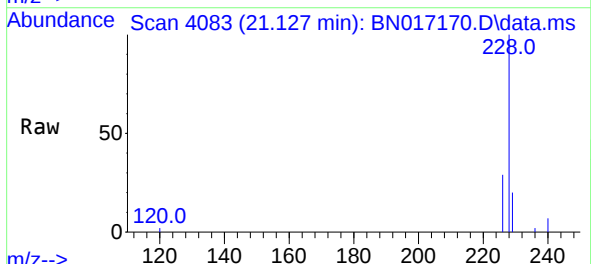
Manual Integrations
APPROVED

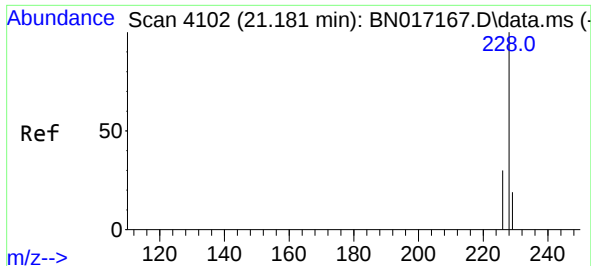
mohammad
10/29/2021 2:24:35 PM



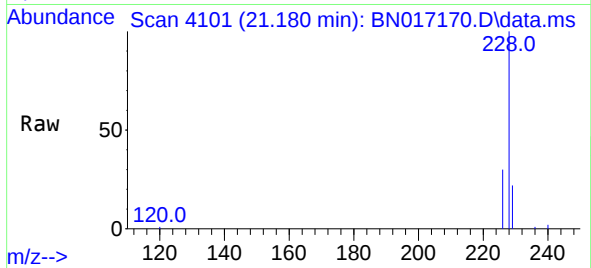
#21
Benzo(a)anthracene
Concen: 0.398 ng/ul
RT: 21.127 min Scan# 4083
Delta R.T. -0.007 min
Lab File: BN017170.D
Acq: 29 Oct 2021 00:26

Tgt Ion:228 Resp: 44887
Ion Ratio Lower Upper
228 100
229 20.5 16.1 24.1
226 29.5 21.7 32.5

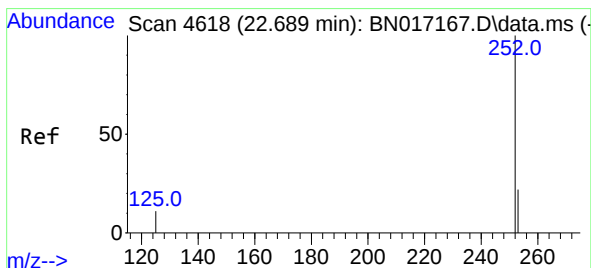
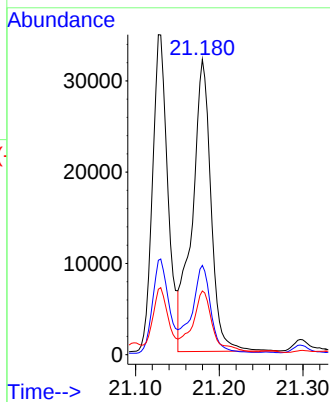
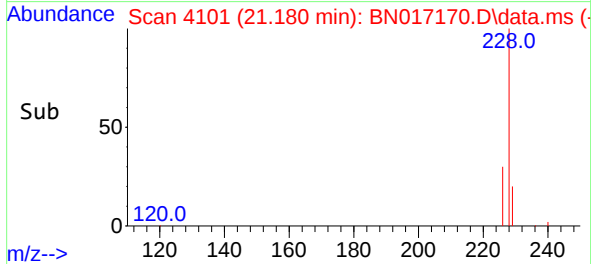




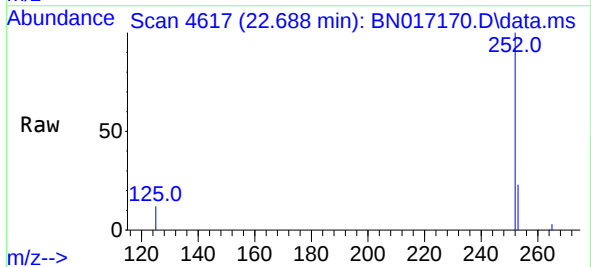
#22
Chrysene
Concen: 0.391 ng/ul
RT: 21.180 min Scan# 4101
Delta R.T. -0.007 min
Lab File: BN017170.D
Acq: 29 Oct 2021 00:26



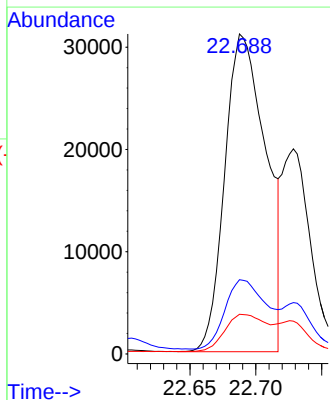
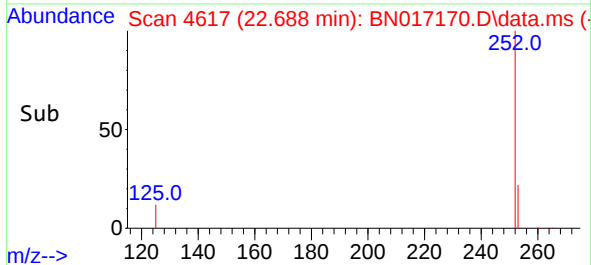
Tgt Ion:228 Resp: 49945
Ion Ratio Lower Upper
228 100
226 30.2 24.1 36.1
229 21.6 15.4 23.2



#24
Benzo(b)fluoranthene
Concen: 0.533 ng/ul m
RT: 22.688 min Scan# 4617
Delta R.T. -0.007 min
Lab File: BN017170.D
Acq: 29 Oct 2021 00:26



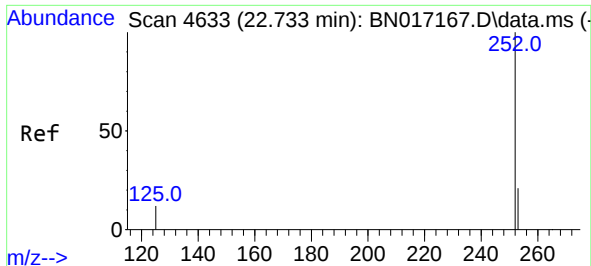
Tgt Ion:252 Resp: 67663
Ion Ratio Lower Upper
252 100
253 23.2 0.0 46.8
125 12.4 0.0 23.8



Instrument :
BNA_N
ClientSampleId :
C0B04DL

Manual Integrations
APPROVED

mohammad
10/29/2021 2:24:35 PM



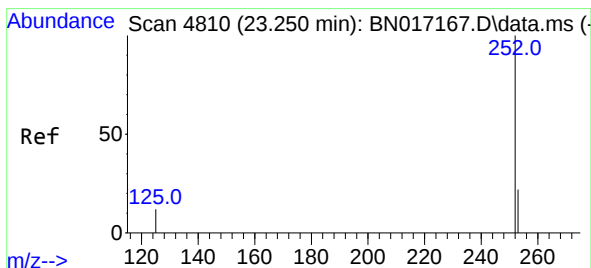
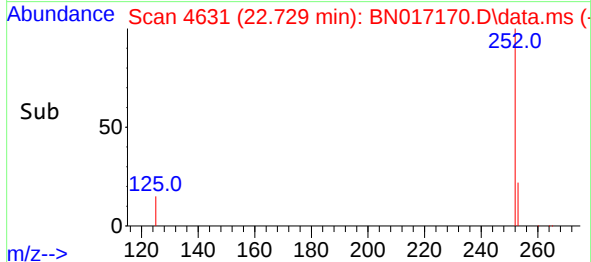
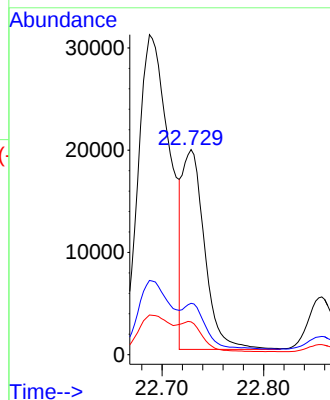
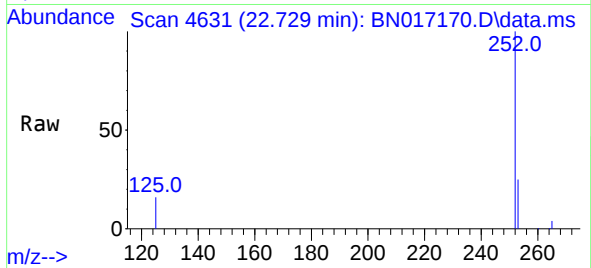
#25
Benzo(k)fluoranthene
Concen: 0.207 ng/ul m
RT: 22.729 min Scan# 4631
Delta R.T. -0.010 min
Lab File: BN017170.D
Acq: 29 Oct 2021 00:26

Tgt Ion:252 Resp: 29825
Ion Ratio Lower Upper
252 100
253 25.0 18.3 27.5
125 16.0 10.0 15.0#

Instrument :
BNA_N
ClientSampleId :
C0B04DL

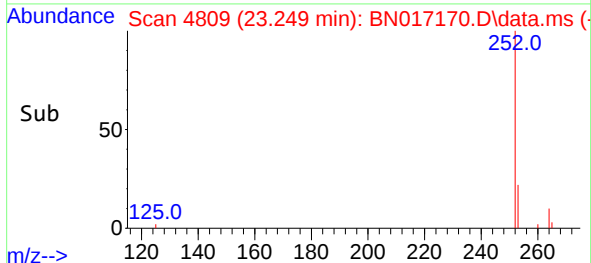
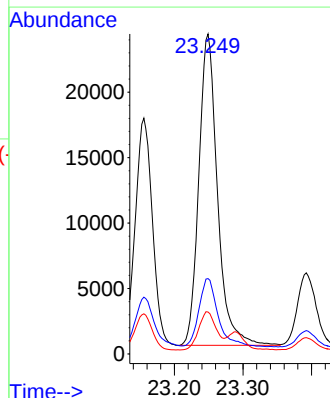
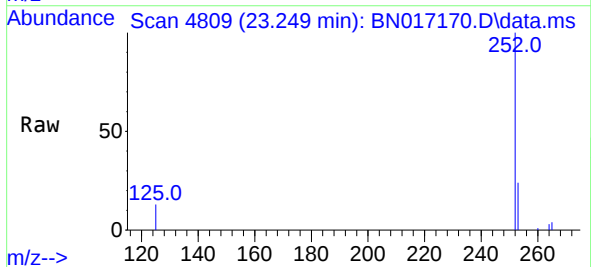
Manual Integrations
APPROVED

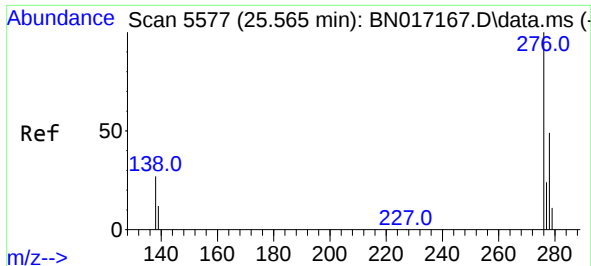
mohammad
10/29/2021 2:24:35 PM



#26
Benzo(a)pyrene
Concen: 0.395 ng/ul
RT: 23.249 min Scan# 4809
Delta R.T. -0.007 min
Lab File: BN017170.D
Acq: 29 Oct 2021 00:26

Tgt Ion:252 Resp: 45014
Ion Ratio Lower Upper
252 100
253 23.5 19.3 28.9
125 13.1 10.8 16.2





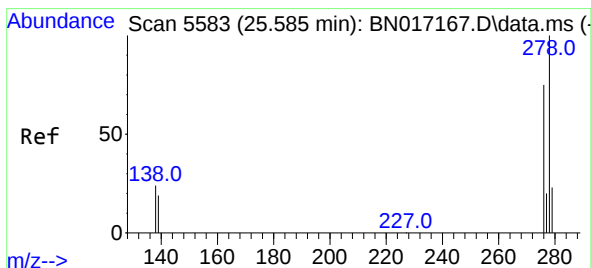
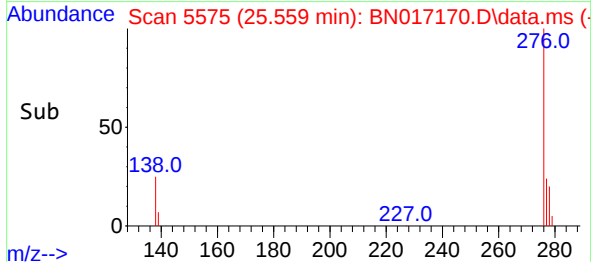
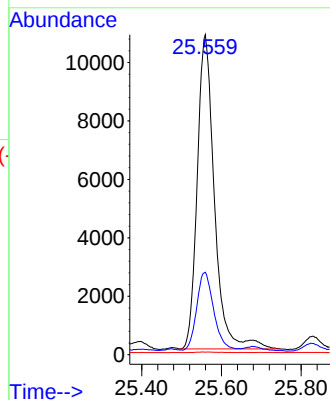
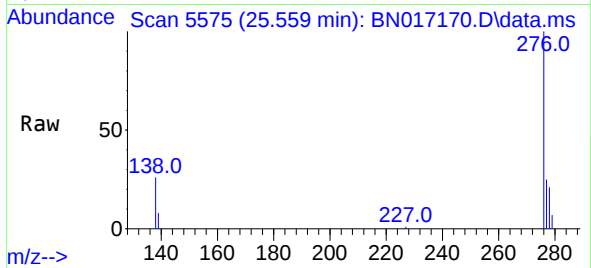
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.199 ng/ul
RT: 25.559 min Scan# 5575
Delta R.T. -0.012 min
Lab File: BN017170.D
Acq: 29 Oct 2021 00:26

Tgt Ion: 276 Resp: 32186
Ion Ratio Lower Upper
276 100
138 25.0 22.2 33.4
227 0.2 0.0 0.0#

Instrument :
BNA_N
ClientSampleId :
C0B04DL

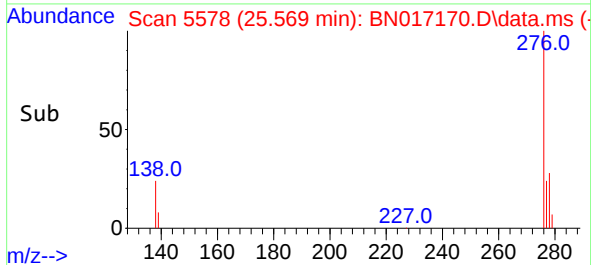
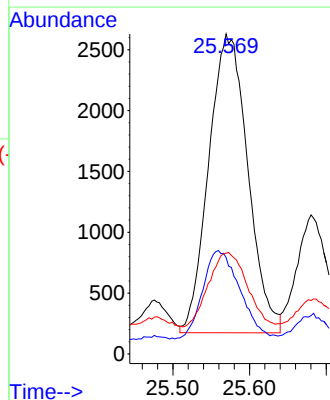
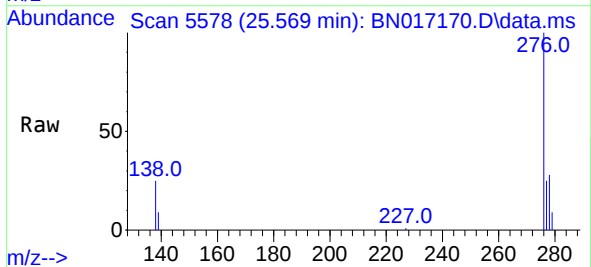
Manual Integrations
APPROVED

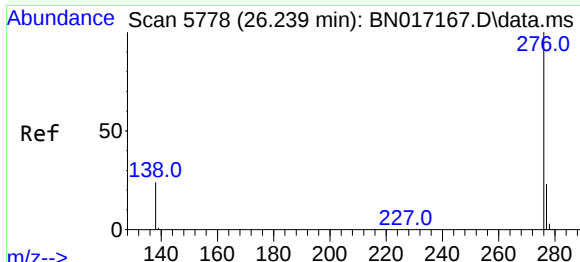
mohammad
10/29/2021 2:24:35 PM



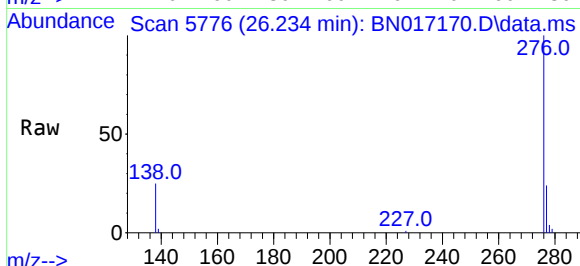
#28
Dibenzo(a,h)anthracene
Concen: 0.068 ng/ul
RT: 25.569 min Scan# 5578
Delta R.T. -0.022 min
Lab File: BN017170.D
Acq: 29 Oct 2021 00:26

Tgt Ion: 278 Resp: 8690
Ion Ratio Lower Upper
278 100
139 30.1 15.4 23.0#
279 31.5 19.5 29.3#

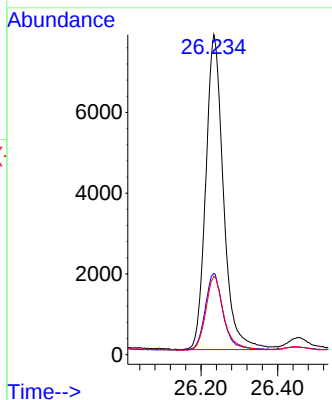
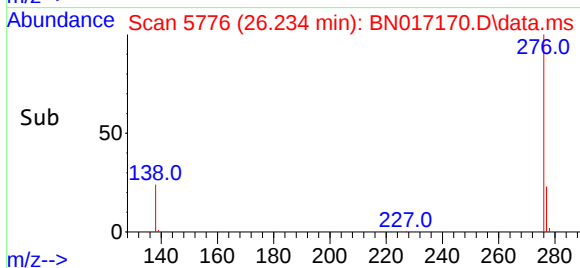




#29
 Benzo(g,h,i)perylene
 Concen: 0.183 ng/ul
 RT: 26.234 min Scan# 5776
 Delta R.T. -0.012 min
 Lab File: BN017170.D
 Acq: 29 Oct 2021 00:26



Tgt Ion:	276	Resp:	25053
Ion Ratio	Lower	Upper	
276	100		
138	25.4	19.2	28.8
277	24.5	19.0	28.6



Instrument :
 BNA_N
 ClientSampleId :
 C0B04DL

Manual Integrations
 APPROVED

mohammad
 10/29/2021 2:24:35 PM