

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
 Data File : BN016182.D
 Acq On : 03 Sep 2021 19:42
 Operator : CG/JU
 Sample : M3472-05DL 5X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AS3DL

Manual Integrations
 APPROVED

mohammad
 9/7/2021 11:33:01 AM

Quant Time: Sep 04 03:59:01 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 : Fri Sep 03 17:05:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	2847	0.400	ng/ul	0.00
4) Naphthalene-d8	10.672	136	11784	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.506	164	6958	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.255	188	14245	0.400	ng/ul	0.00
17) Chrysene-d12	21.445	240	14472	0.400	ng/ul	# 0.00
23) Perylene-d12	23.842	264	14459	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	217	0.065	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.261	152	662	0.040	ng/ul	0.00
18) Fluoranthene-d10	19.285	212	1794	0.046	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.721	128	1223	0.039	ng/ul#	80
7) 2-Methylnaphthalene	12.333	142	829	0.040	ng/ul	97
8) 1-Methylnaphthalene	12.553	142	723	0.035	ng/ul	95
10) Acenaphthylene	14.228	152	1123	0.043	ng/ul#	79
15) Phenanthrene	17.297	178	10005	0.244	ng/ul	98
16) Anthracene	17.390	178	1790	0.050	ng/ul#	81
19) Fluoranthene	19.318	202	17885	0.371	ng/ul	99
20) Pyrene	19.680	202	15442	0.316	ng/ul	95
21) Benzo(a)anthracene	21.430	228	8571	0.194	ng/ul#	71
22) Chrysene	21.480	228	9514	0.190	ng/ul#	69
24) Benzo(b)fluoranthene	23.114	252	11550m	0.212	ng/ul	
25) Benzo(k)fluoranthene	23.155	252	3974m	0.073	ng/ul	
26) Benzo(a)pyrene	23.736	252	7478	0.162	ng/ul#	10
27) Indeno(1,2,3-cd)pyrene	26.327	276	5515	0.092	ng/ul#	47
28) Dibenzo(a,h)anthracene	26.333	278	1399	0.028	ng/ul#	1
29) Benzo(g,h,i)perylene	27.088	276	4829	0.093	ng/ul#	31

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

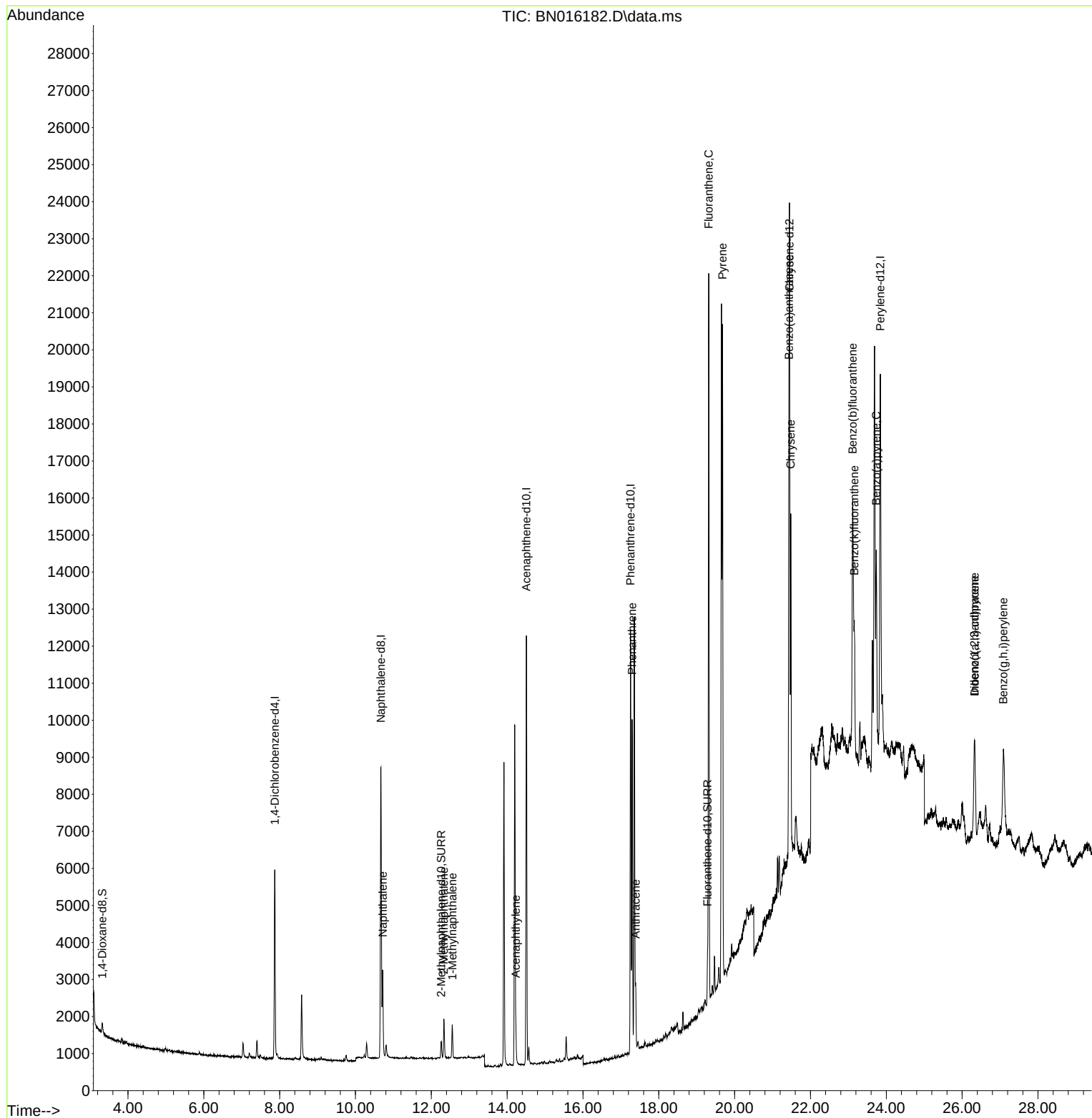
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
Data File : BN016182.D
Acq On : 03 Sep 2021 19:42
Operator : CG/JU
Sample : M3472-05DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

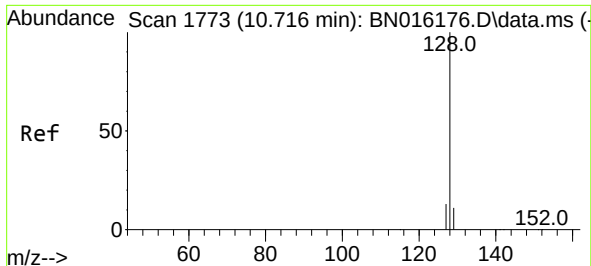
Instrument :
BNA_N
ClientSampleId :
C0AS3DL

Manual Integrations
APPROVED

mohammad
9/7/2021 11:33:01 AM

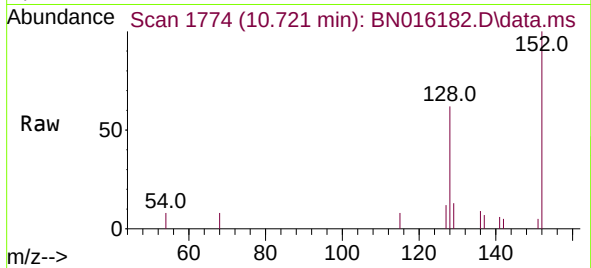
Quant Time: Sep 04 03:59:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 17:05:08 2021
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.039 ng/ul
RT: 10.721 min Scan# 1774
Delta R.T. 0.005 min
Lab File: BN016182.D
Acq: 03 Sep 2021 19:42

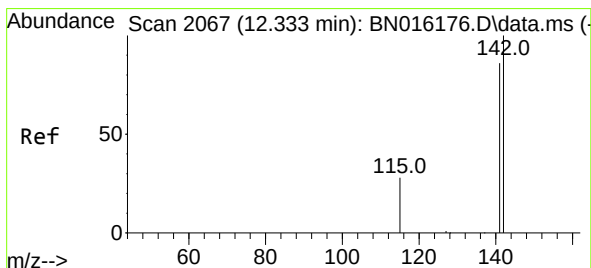
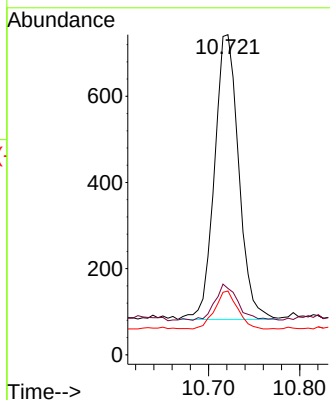
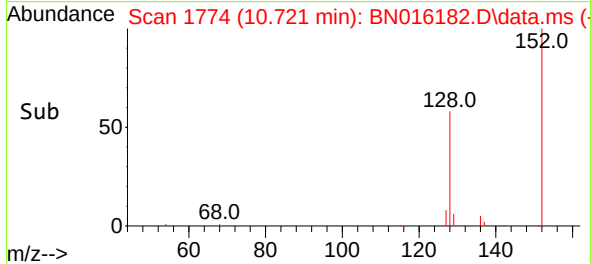
Instrument :
BNA_N
ClientSampled :
C0AS3DL



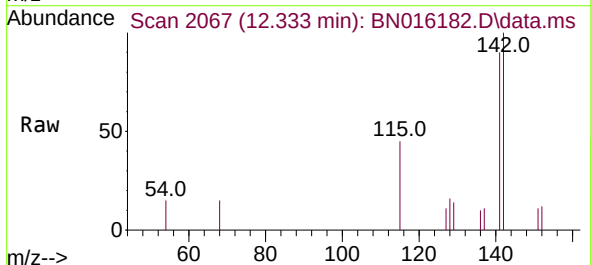
Tgt Ion:128 Resp: 1223
Ion Ratio Lower Upper
128 100
129 20.7 9.4 14.2#
127 19.9 10.6 15.8#

Manual Integrations
APPROVED

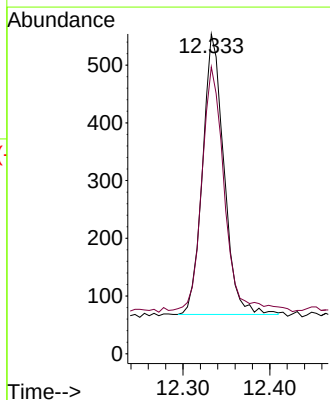
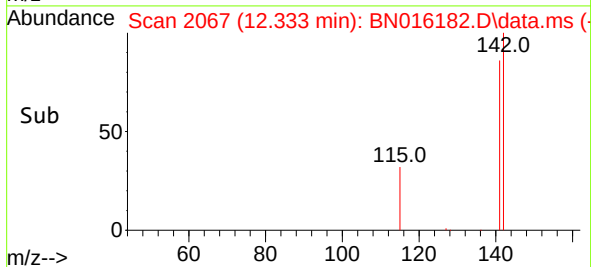
mohammad
9/7/2021 11:33:01 AM

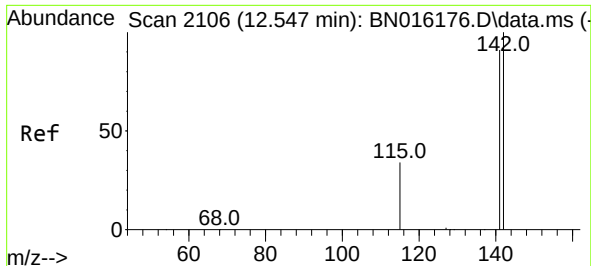


#7
2-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.333 min Scan# 2067
Delta R.T. -0.000 min
Lab File: BN016182.D
Acq: 03 Sep 2021 19:42

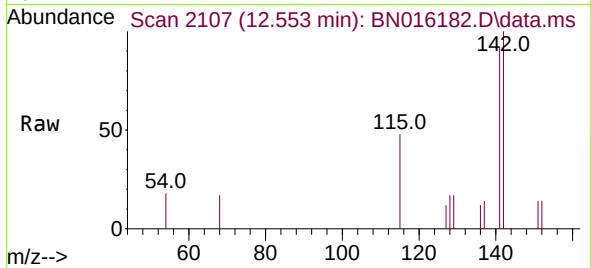


Tgt Ion:142 Resp: 829
Ion Ratio Lower Upper
142 100
141 90.0 69.5 104.3

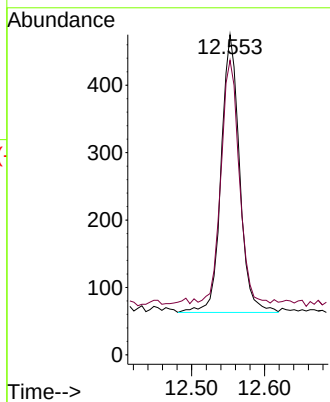
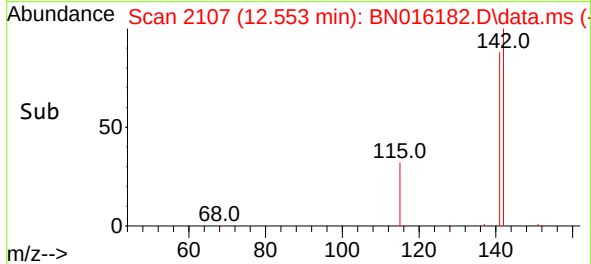




#8
1-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.553 min Scan# 2107
Delta R.T. 0.005 min
Lab File: BN016182.D
Acq: 03 Sep 2021 19:42



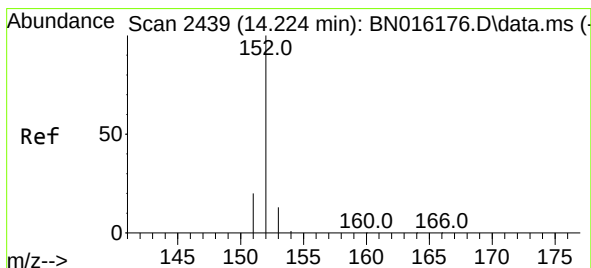
Tgt Ion:142 Resp: 723
Ion Ratio Lower Upper
142 100
141 85.9 72.2 108.4



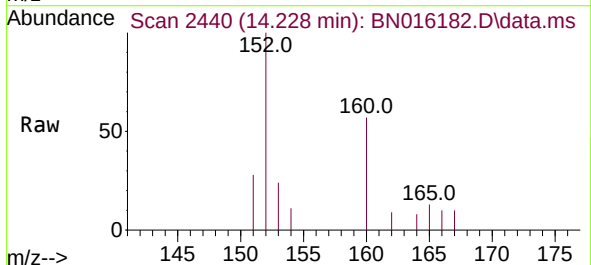
Instrument :
BNA_N
ClientSampleId :
C0AS3DL

Manual Integrations
APPROVED

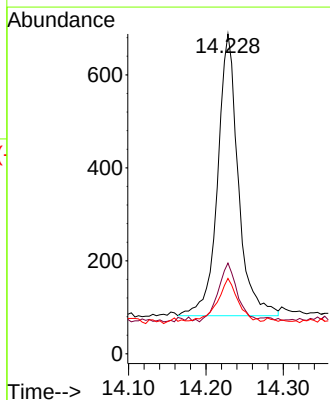
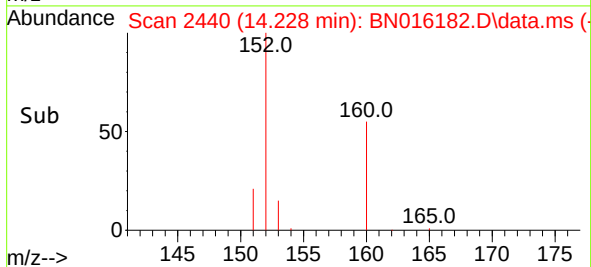
mohammad
9/7/2021 11:33:01 AM

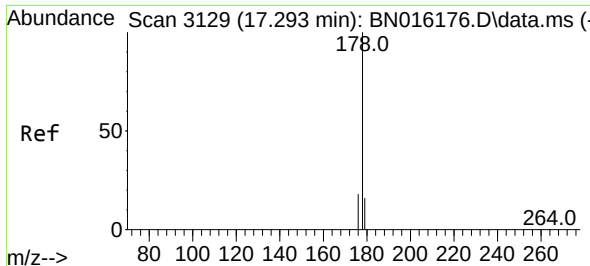


#10
Acenaphthylene
Concen: 0.043 ng/ul
RT: 14.228 min Scan# 2440
Delta R.T. 0.004 min
Lab File: BN016182.D
Acq: 03 Sep 2021 19:42



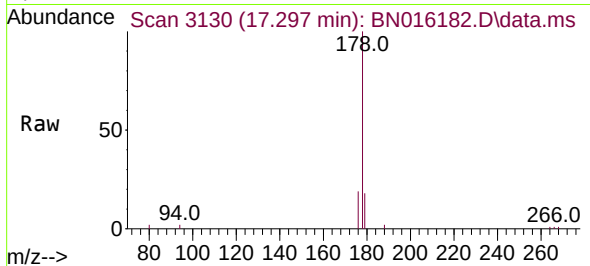
Tgt Ion:152 Resp: 1123
Ion Ratio Lower Upper
152 100
151 28.3 15.8 23.6#
153 23.5 11.2 16.8#





#15
Phenanthrene
Concen: 0.244 ng/ul
RT: 17.297 min Scan# 3130
Delta R.T. 0.004 min
Lab File: BN016182.D
Acq: 03 Sep 2021 19:42

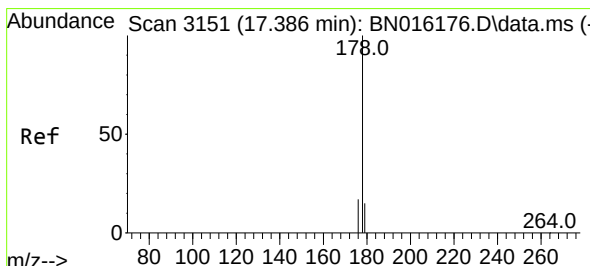
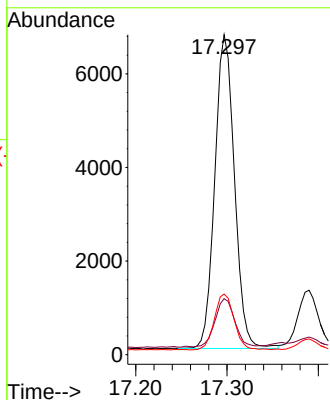
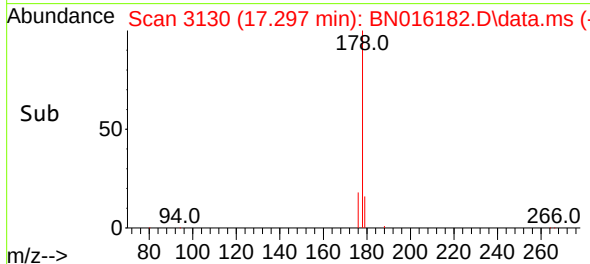
Instrument :
BNA_N
ClientSampleId :
C0AS3DL



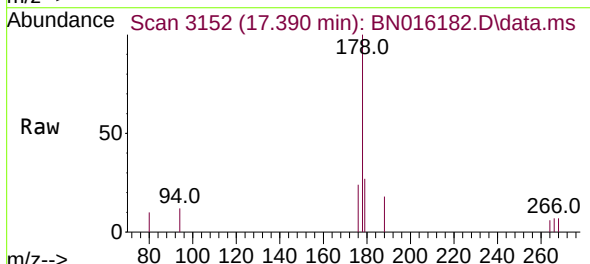
Tgt Ion:178 Resp: 10005
Ion Ratio Lower Upper
178 100
179 17.5 12.9 19.3
176 19.0 15.2 22.8

Manual Integrations
APPROVED

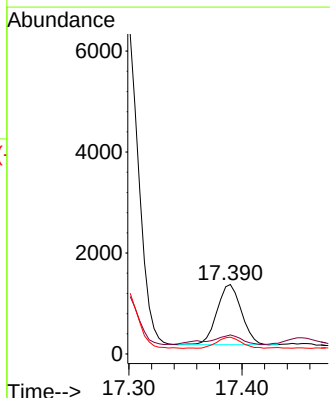
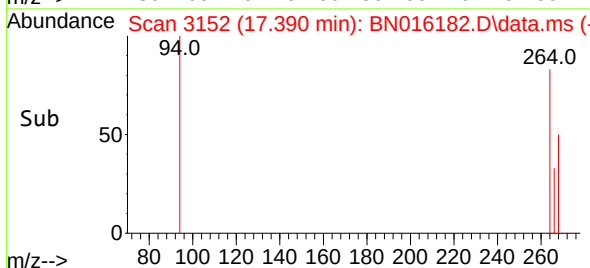
mohammad
9/7/2021 11:33:01 AM

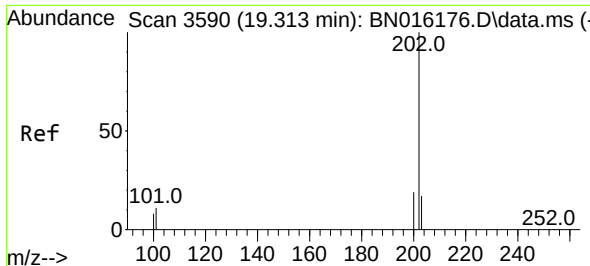


#16
Anthracene
Concen: 0.050 ng/ul
RT: 17.390 min Scan# 3152
Delta R.T. 0.004 min
Lab File: BN016182.D
Acq: 03 Sep 2021 19:42

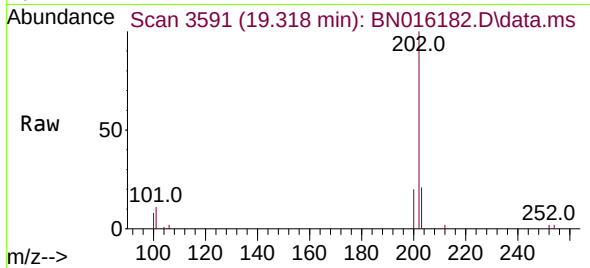


Tgt Ion:178 Resp: 1790
Ion Ratio Lower Upper
178 100
179 27.5 13.3 19.9#
176 24.3 14.9 22.3#

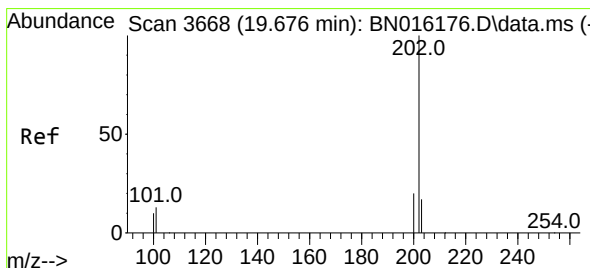
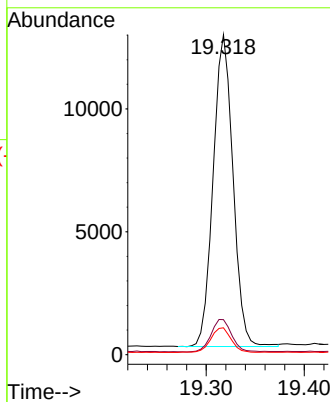
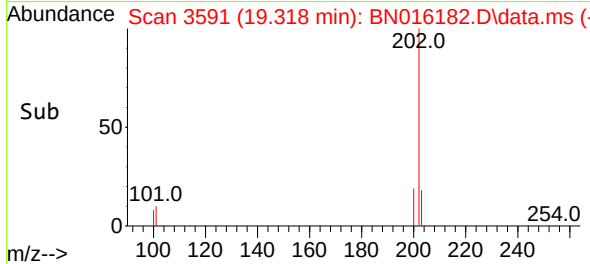




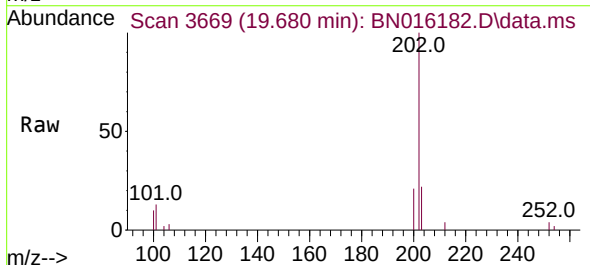
#19
Fluoranthene
Concen: 0.371 ng/u1
RT: 19.318 min Scan# 3591
Delta R.T. 0.004 min
Lab File: BN016182.D
Acq: 03 Sep 2021 19:42



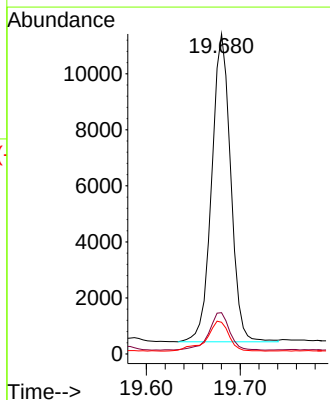
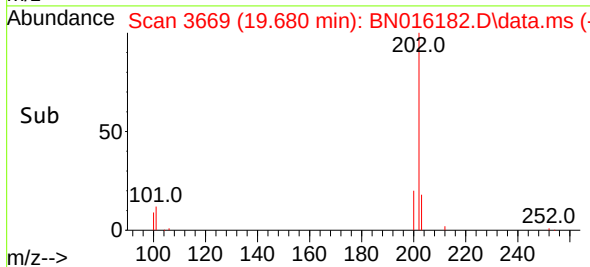
Tgt Ion:202 Resp: 17885
Ion Ratio Lower Upper
202 100
101 10.9 9.2 13.8
100 8.4 6.7 10.1



#20
Pyrene
Concen: 0.316 ng/u1
RT: 19.680 min Scan# 3669
Delta R.T. 0.004 min
Lab File: BN016182.D
Acq: 03 Sep 2021 19:42



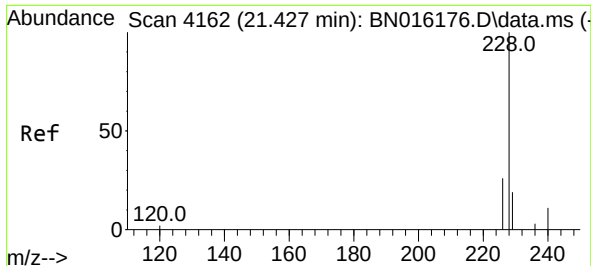
Tgt Ion:202 Resp: 15442
Ion Ratio Lower Upper
202 100
101 12.9 11.5 17.3
100 9.9 9.8 14.8



Instrument :
BNA_N
ClientSampleId :
C0AS3DL

Manual Integrations
APPROVED

mohammad
9/7/2021 11:33:01 AM



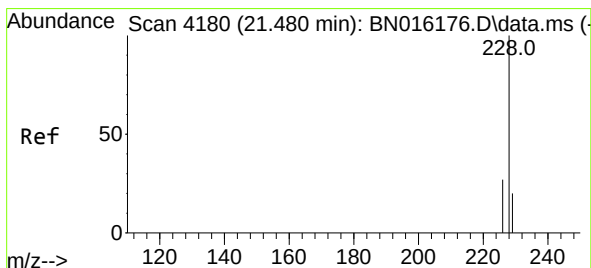
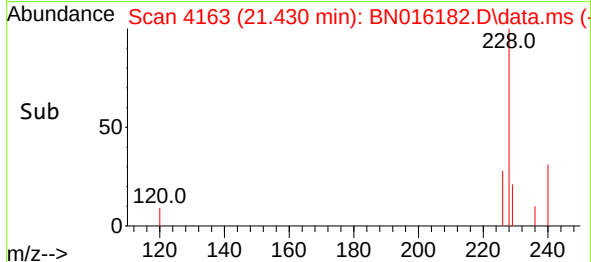
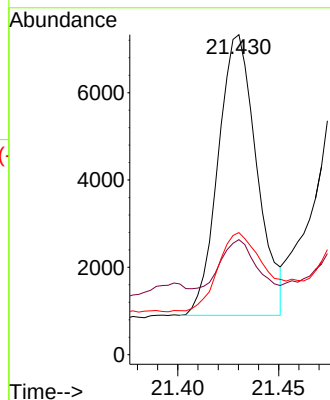
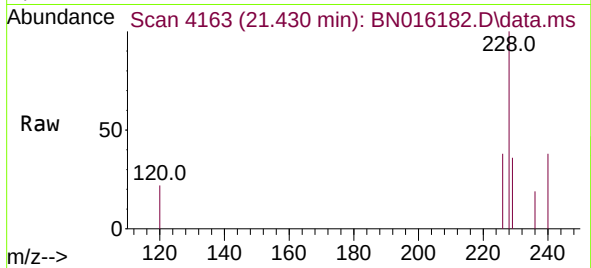
#21
Benzo(a)anthracene
Concen: 0.194 ng/ul
RT: 21.430 min Scan# 4163
Delta R.T. 0.003 min
Lab File: BN016182.D
Acq: 03 Sep 2021 19:42

Tgt Ion:228 Resp: 8571
Ion Ratio Lower Upper
228 100
229 35.9 15.7 23.5#
226 38.1 20.8 31.2#

Instrument :
BNA_N
ClientSampleID :
C0AS3DL

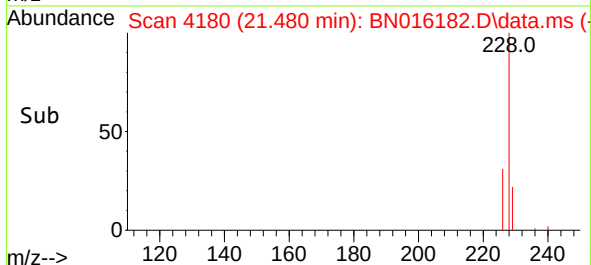
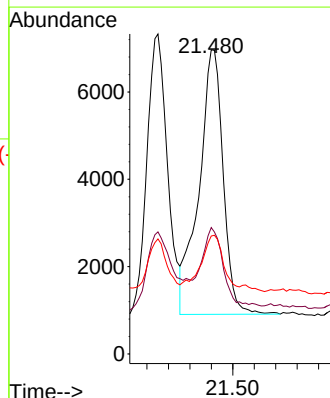
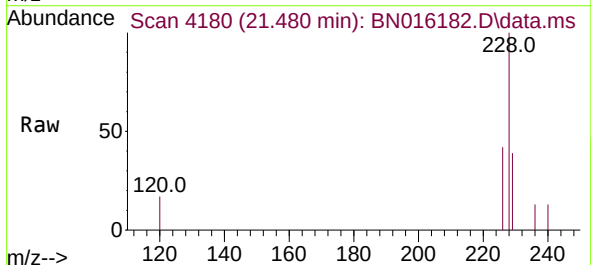
Manual Integrations
APPROVED

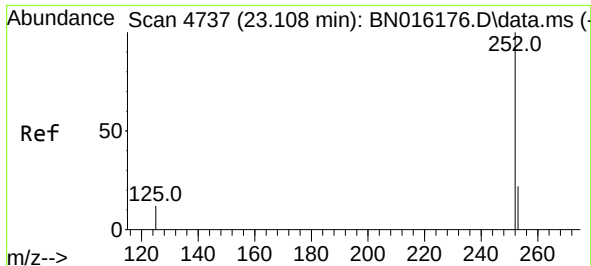
mohammad
9/7/2021 11:33:01 AM



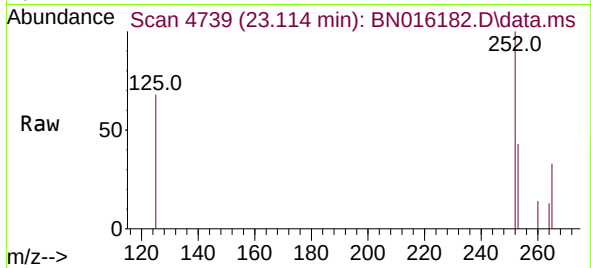
#22
Chrysene
Concen: 0.190 ng/ul
RT: 21.480 min Scan# 4180
Delta R.T. -0.000 min
Lab File: BN016182.D
Acq: 03 Sep 2021 19:42

Tgt Ion:228 Resp: 9514
Ion Ratio Lower Upper
228 100
226 41.6 23.2 34.8#
229 38.7 15.6 23.4#

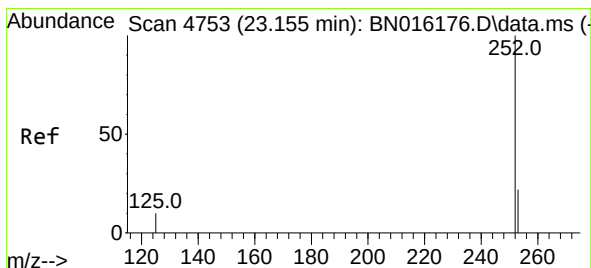
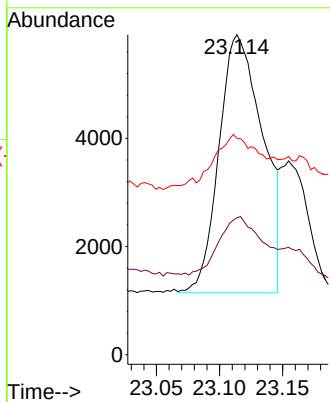
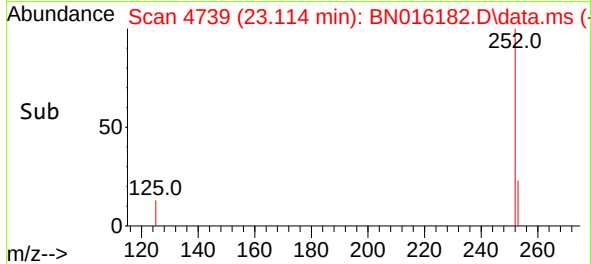




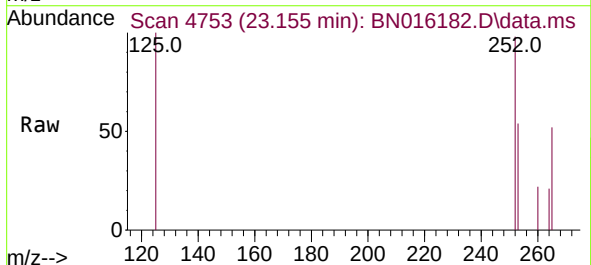
#24
Benzo(b)fluoranthene
Concen: 0.212 ng/ul m
RT: 23.114 min Scan# 4739
Delta R.T. 0.006 min
Lab File: BN016182.D
Acq: 03 Sep 2021 19:42



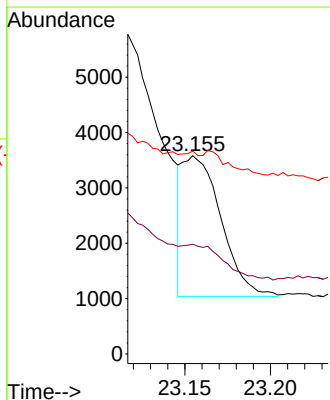
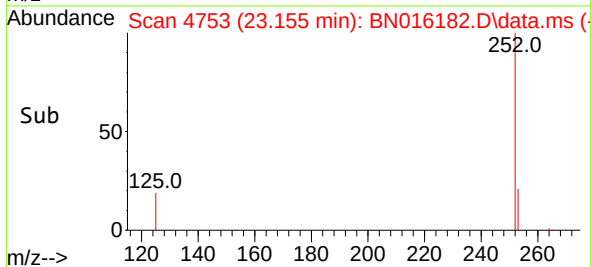
Tgt Ion:252 Resp: 11550
Ion Ratio Lower Upper
252 100
253 42.8 0.0 49.4
125 67.7 0.0 27.0#



#25
Benzo(k)fluoranthene
Concen: 0.073 ng/ul m
RT: 23.155 min Scan# 4753
Delta R.T. -0.000 min
Lab File: BN016182.D
Acq: 03 Sep 2021 19:42



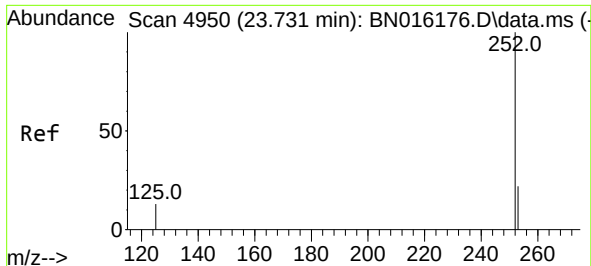
Tgt Ion:252 Resp: 3974
Ion Ratio Lower Upper
252 100
253 55.4 19.4 29.0#
125 102.3 10.9 16.3#



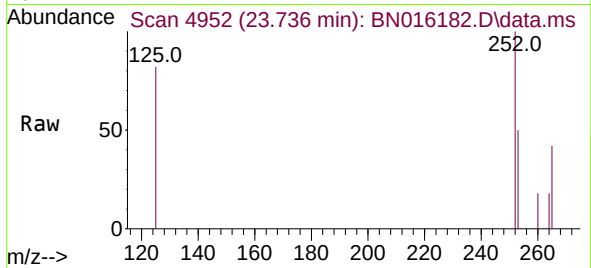
Instrument :
BNA_N
ClientSampled :
C0AS3DL

Manual Integrations
APPROVED

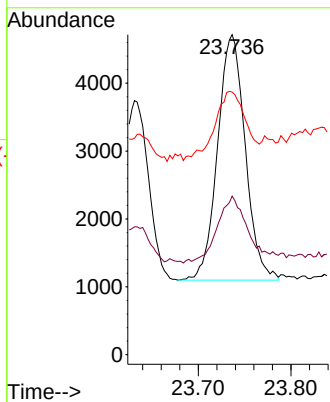
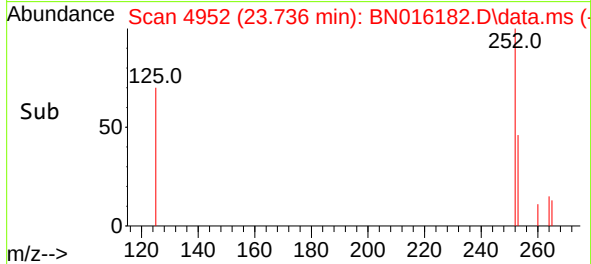
mohammad
9/7/2021 11:33:01 AM



#26
Benzo(a)pyrene
Concen: 0.162 ng/ul
RT: 23.736 min Scan# 4952
Delta R.T. 0.006 min
Lab File: BN016182.D
Acq: 03 Sep 2021 19:42



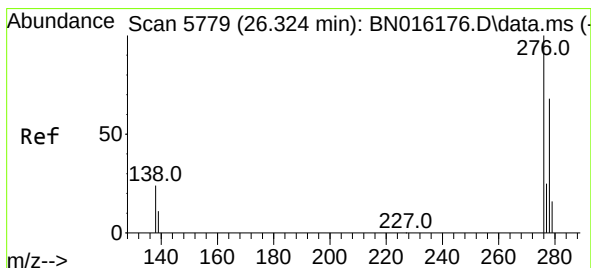
Tgt Ion:252 Resp: 7478
Ion Ratio Lower Upper
252 100
253 49.5 20.2 30.2#
125 82.0 12.6 18.8#



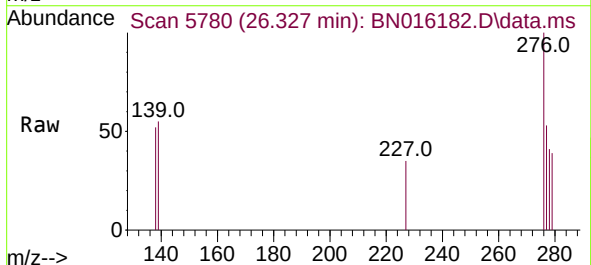
Instrument :
BNA_N
ClientSampleID :
C0AS3DL

Manual Integrations
APPROVED

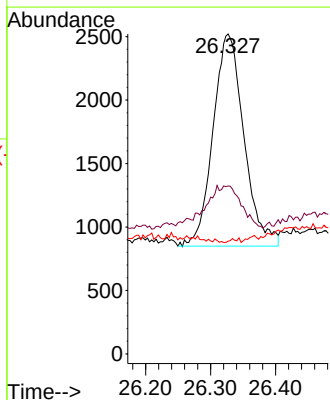
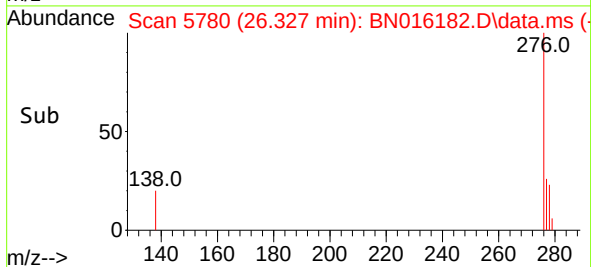
mohammad
9/7/2021 11:33:01 AM

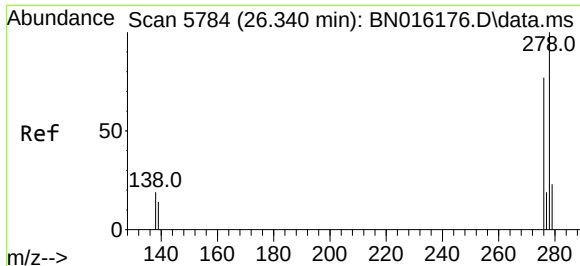


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.092 ng/ul
RT: 26.327 min Scan# 5780
Delta R.T. 0.003 min
Lab File: BN016182.D
Acq: 03 Sep 2021 19:42



Tgt Ion:276 Resp: 5515
Ion Ratio Lower Upper
276 100
138 0.0 22.7 34.1#
227 0.3 0.2 0.2#





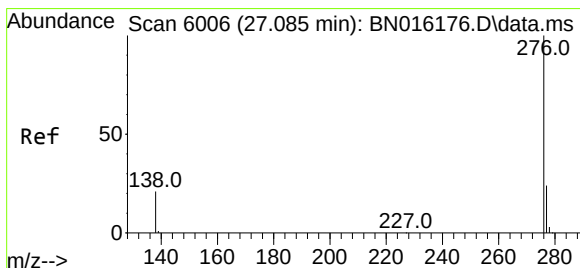
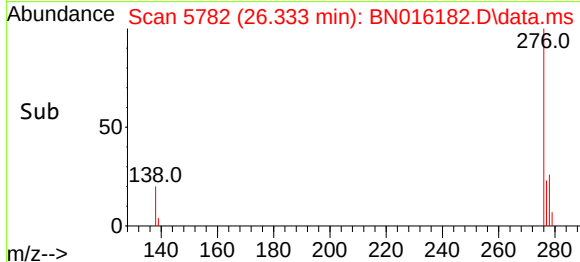
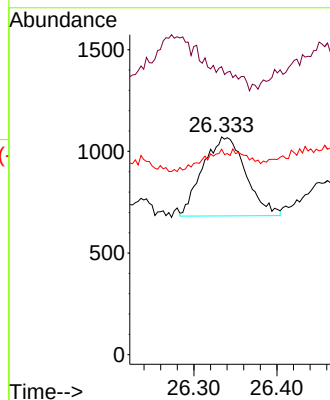
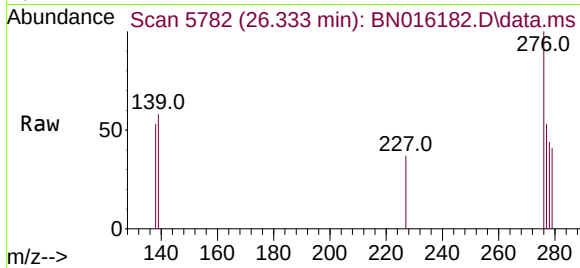
#28
Dibenzo(a,h)anthracene
Concen: 0.028 ng/ul
RT: 26.333 min Scan# 5782
Delta R.T. -0.007 min
Lab File: BN016182.D
Acq: 03 Sep 2021 19:42

Tgt Ion: 278 Resp: 1399
Ion Ratio Lower Upper
278 100
139 132.3 15.1 22.7#
279 94.4 20.5 30.7#

Instrument :
BNA_N
ClientSampleId :
C0AS3DL

Manual Integrations
APPROVED

mohammad
9/7/2021 11:33:01 AM



#29
Benzo(g,h,i)perylene
Concen: 0.093 ng/ul
RT: 27.088 min Scan# 6007
Delta R.T. 0.003 min
Lab File: BN016182.D
Acq: 03 Sep 2021 19:42

Tgt Ion: 276 Resp: 4829
Ion Ratio Lower Upper
276 100
138 60.6 19.3 28.9#
277 57.4 19.8 29.8#

