

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
 Data File : BM032632.D
 Acq On : 20 Oct 2021 23:12
 Operator : CG/JU
 Sample : M4207-02
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B48

Manual Integrations
 APPROVED

mohammad
 10/21/2021 11:17:19 AM

Quant Time: Oct 21 04:56:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 20 16:33:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.556	152	5422	0.40	ng/ul	0.00
4) Naphthalene-d8	10.339	136	17696	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	8847	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.942	188	15398	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.118	240	10600	0.40	ng/ul	0.00
23) Perylene-d12	23.251	264	10132	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.920	96	11745	1.93	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	4440	0.19	ng/ul	0.00
18) Fluoranthene-d10	18.969	212	7083	0.21	ng/ul	0.00
Target Compounds						
5) Naphthalene	10.388	128	9818	0.18	ng/ul	Qvalue 98
7) 2-Methylnaphthalene	12.008	142	7431	0.21	ng/ul	100
8) 1-Methylnaphthalene	12.232	142	5605	0.16	ng/ul	99
10) Acenaphthylene	13.928	152	2114	0.06	ng/ul#	90
15) Phenanthrene	16.984	178	16446	0.32	ng/ul	99
16) Anthracene	17.074	178	1931	0.04	ng/ul#	88
19) Fluoranthene	19.000	202	24612	0.47	ng/ul	100
20) Pyrene	19.362	202	22635	0.42	ng/ul	99
21) Benzo(a)anthracene	21.104	228	9583	0.23	ng/ul	95
22) Chrysene	21.154	228	13483	0.30	ng/ul	97
24) Benzo(b)fluoranthene	22.619	252	18051m	0.39	ng/ul	
25) Benzo(k)fluoranthene	22.655	252	5518m	0.12	ng/ul	
26) Benzo(a)pyrene	23.159	252	13633	0.35	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.359	276	11308	0.24	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.357	278	7112	0.19	ng/ul#	83
29) Benzo(g,h,i)perylene	26.004	276	16649	0.40	ng/ul	97

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

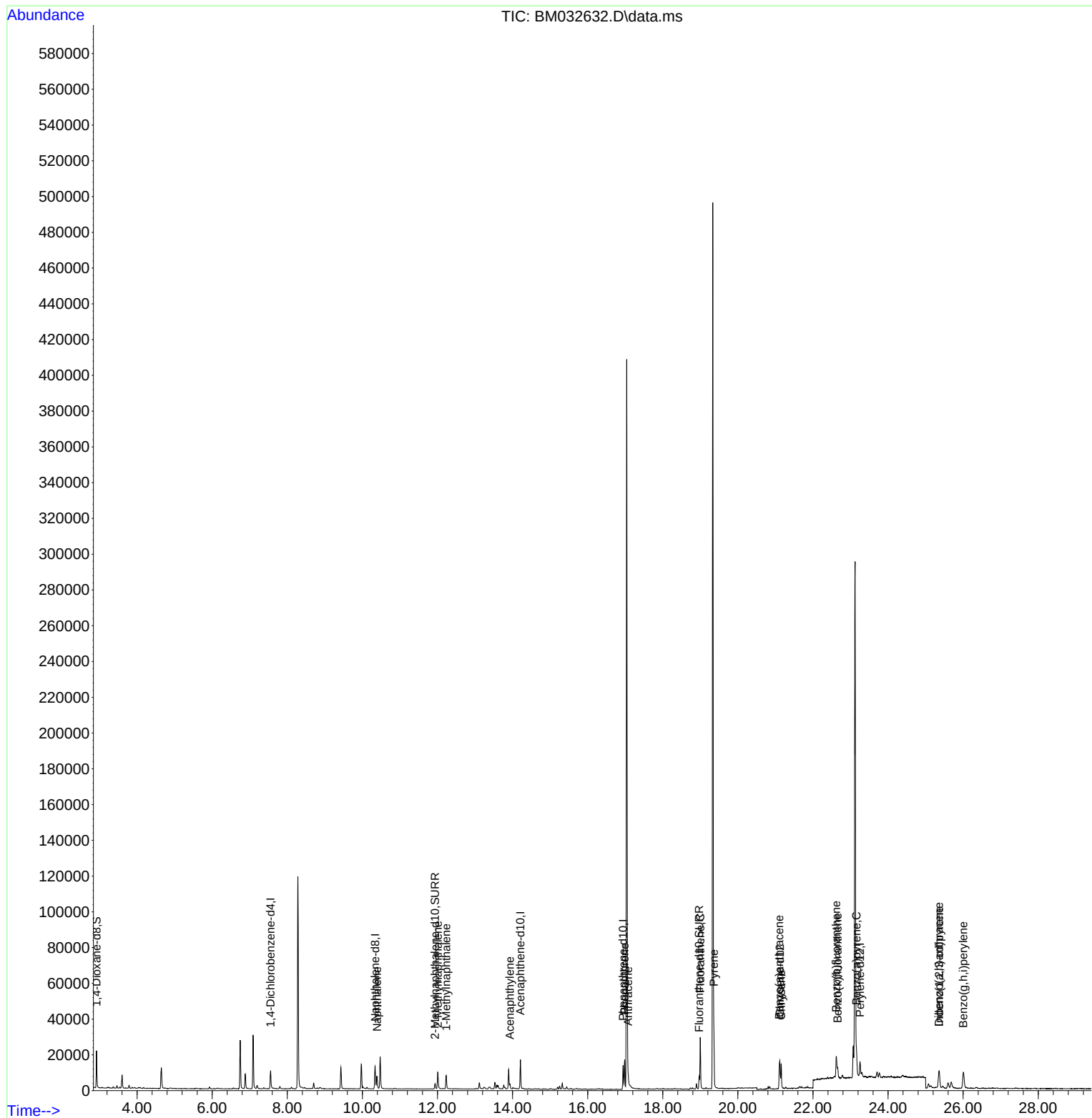
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
Data File : BM032632.D
Acq On : 20 Oct 2021 23:12
Operator : CG/JU
Sample : M4207-02
Misc :
ALS Vial : 51 Sample Multiplier: 1

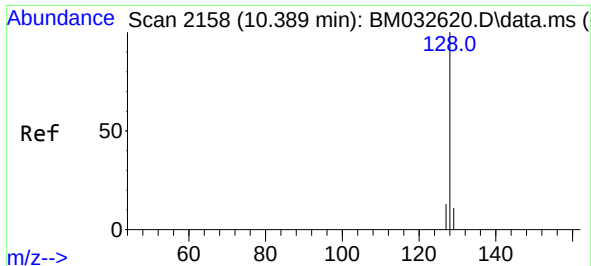
Instrument :
BNA_M
ClientSampleId :
C0B48

Manual Integrations
APPROVED

mohammad
10/21/2021 11:17:19 AM

Quant Time: Oct 21 04:56:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 20 16:33:56 2021
Response via : Initial Calibration





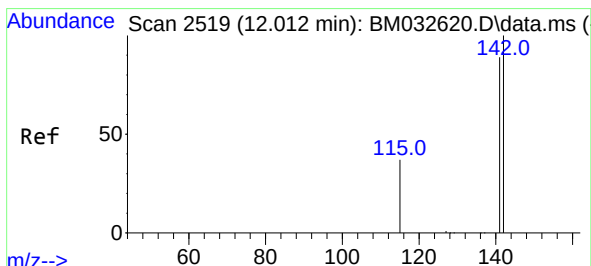
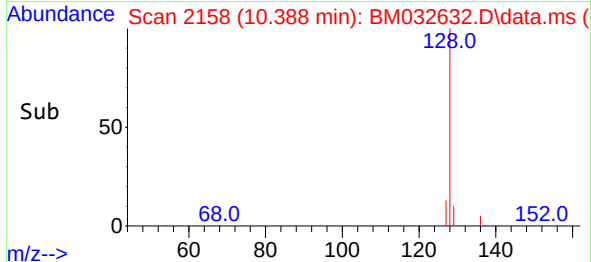
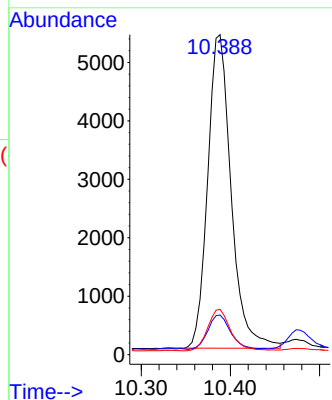
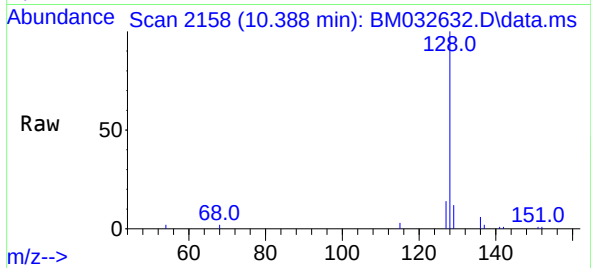
#5
Naphthalene
Concen: 0.18 ng/ul
RT: 10.388 min Scan# 2158
Delta R.T. -0.000 min
Lab File: BM032632.D
Acq: 20 Oct 2021 23:12

Tgt Ion:	128	Resp:	9818
Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.1	13.7
127	14.2	11.1	16.7

Instrument :
BNA_M
ClientSampled :
C0B48

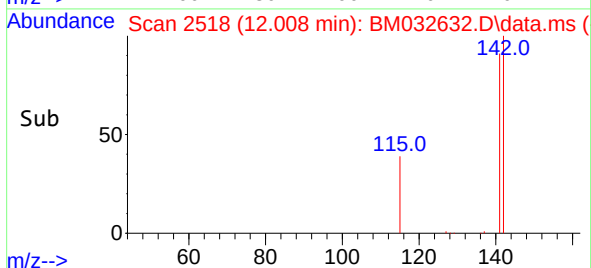
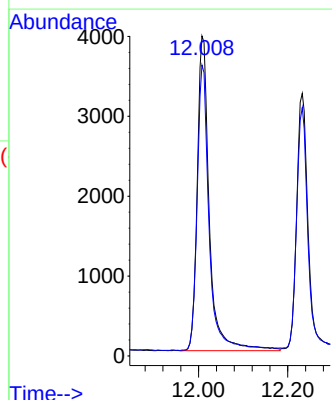
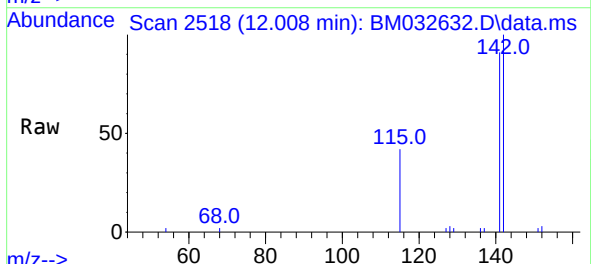
Manual Integrations
APPROVED

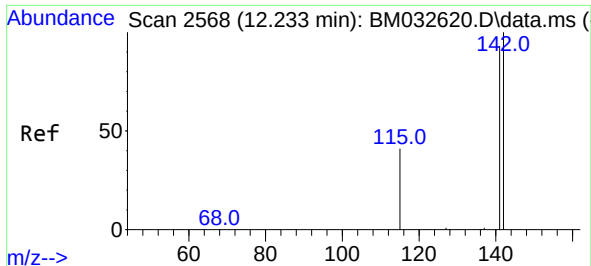
mohammad
10/21/2021 11:17:19 AM



#7
2-Methylnaphthalene
Concen: 0.21 ng/ul
RT: 12.008 min Scan# 2518
Delta R.T. -0.005 min
Lab File: BM032632.D
Acq: 20 Oct 2021 23:12

Tgt Ion:	142	Resp:	7431
Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.2	108.2





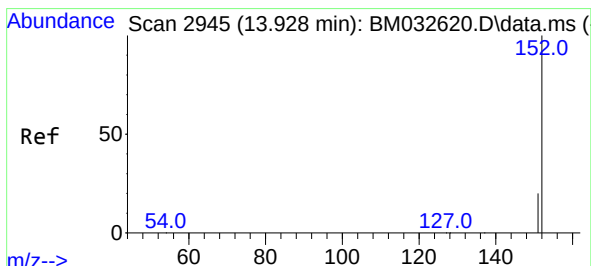
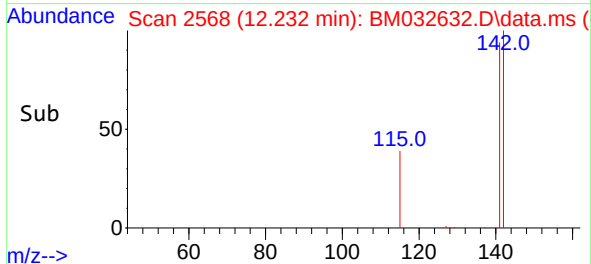
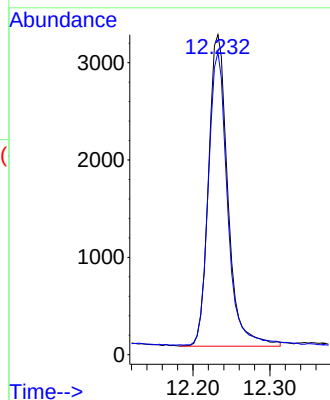
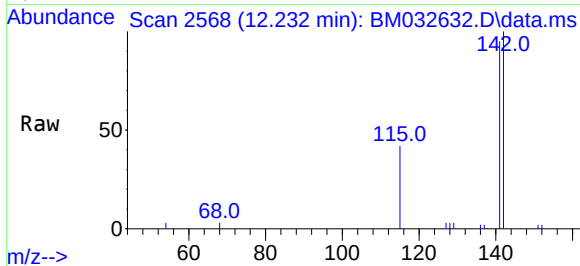
#8
1-Methylnaphthalene
Concen: 0.16 ng/ul
RT: 12.232 min Scan# 2568
Delta R.T. -0.000 min
Lab File: BM032632.D
Acq: 20 Oct 2021 23:12

Tgt Ion:142 Resp: 5605
Ion Ratio Lower Upper
142 100
141 92.4 74.9 112.3

Instrument :
BNA_M
ClientSampled :
C0B48

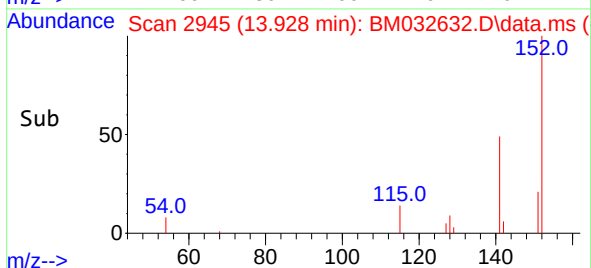
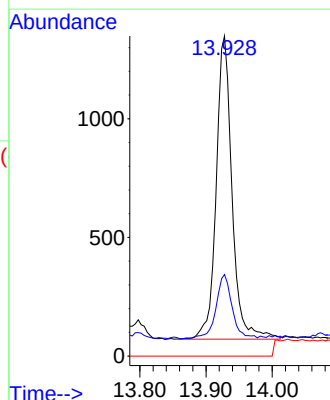
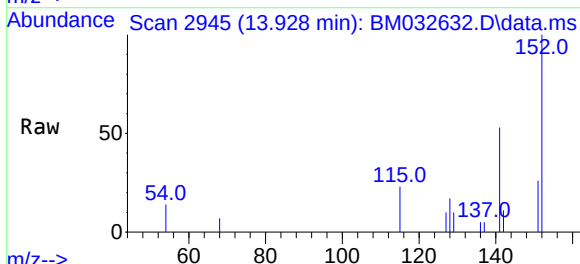
Manual Integrations
APPROVED

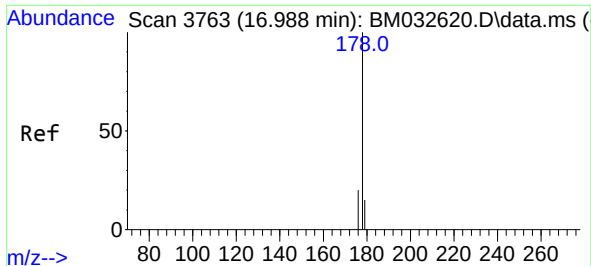
mohammad
10/21/2021 11:17:19 AM



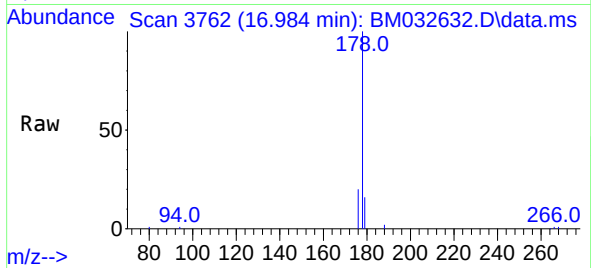
#10
Acenaphthylene
Concen: 0.06 ng/ul
RT: 13.928 min Scan# 2945
Delta R.T. -0.000 min
Lab File: BM032632.D
Acq: 20 Oct 2021 23:12

Tgt Ion:152 Resp: 2114
Ion Ratio Lower Upper
152 100
151 25.5 16.7 25.1#
153 0.0 0.0 0.0

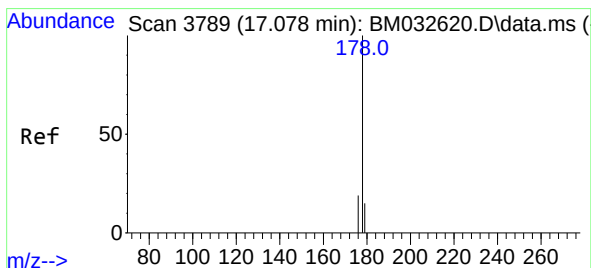
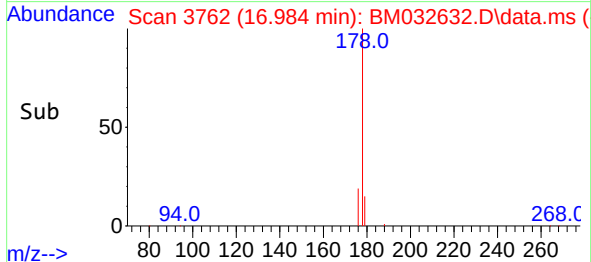
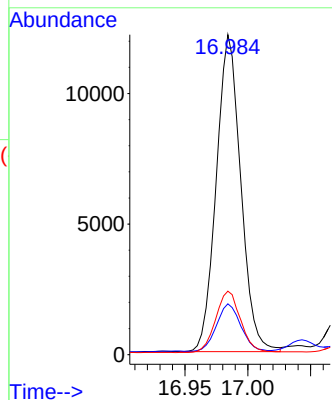




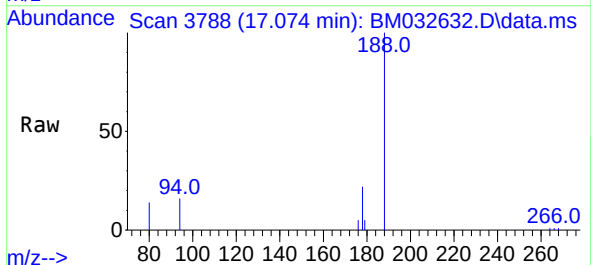
#15
Phenanthrene
Concen: 0.32 ng/ul
RT: 16.984 min Scan# 3762
Delta R.T. -0.004 min
Lab File: BM032632.D
Acq: 20 Oct 2021 23:12



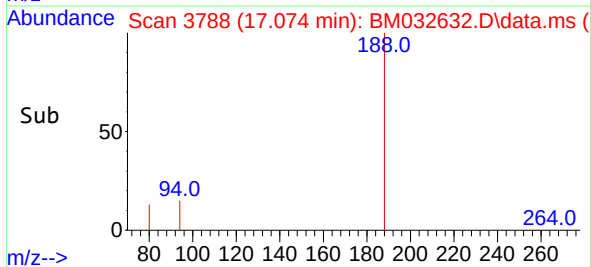
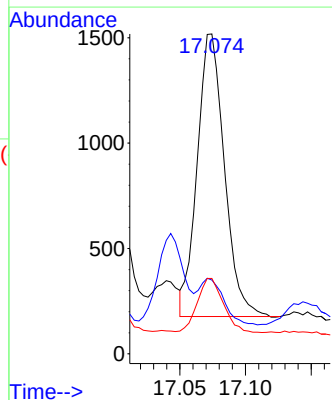
Tgt Ion:178 Resp: 16446
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 19.9 16.1 24.1



#16
Anthracene
Concen: 0.04 ng/ul
RT: 17.074 min Scan# 3788
Delta R.T. -0.004 min
Lab File: BM032632.D
Acq: 20 Oct 2021 23:12



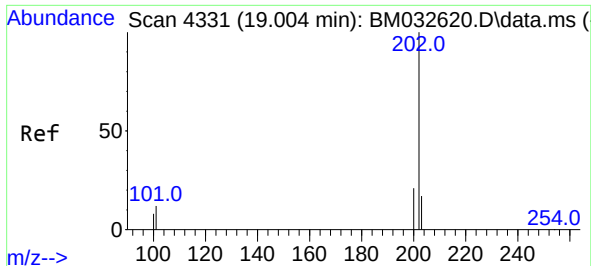
Tgt Ion:178 Resp: 1931
Ion Ratio Lower Upper
178 100
179 23.1 12.9 19.3#
176 23.6 15.8 23.6



Instrument :
BNA_M
ClientSampled :
C0B48

Manual Integrations
APPROVED

mohammad
10/21/2021 11:17:19 AM



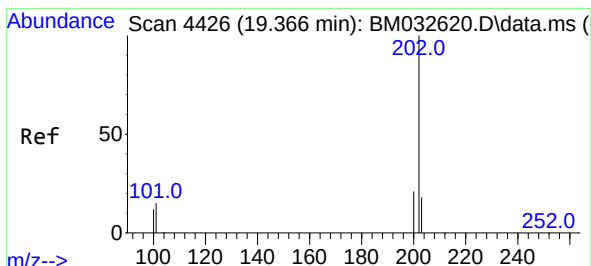
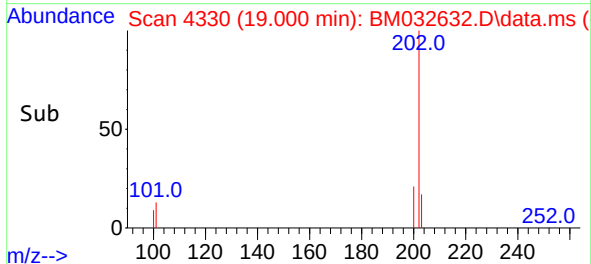
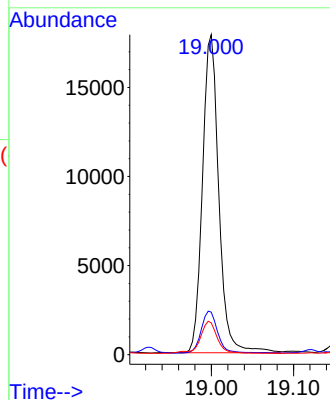
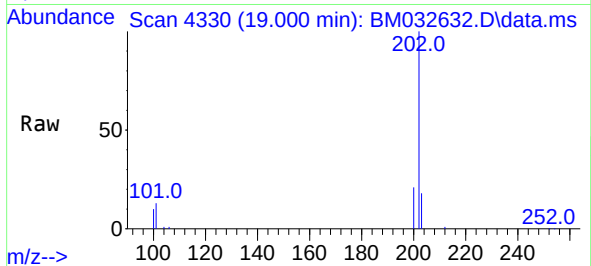
#19
Fluoranthene
Concen: 0.47 ng/ul
RT: 19.000 min Scan# 4330
Delta R.T. -0.004 min
Lab File: BM032632.D
Acq: 20 Oct 2021 23:12

Tgt Ion:	202	Resp:	24612
Ion Ratio	Lower	Upper	
202	100		
101	13.3	10.6	16.0
100	9.9	7.8	11.8

Instrument :
BNA_M
ClientSampled :
C0B48

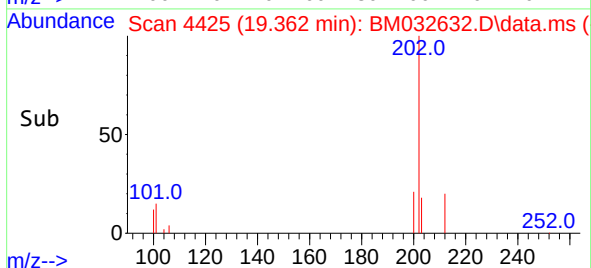
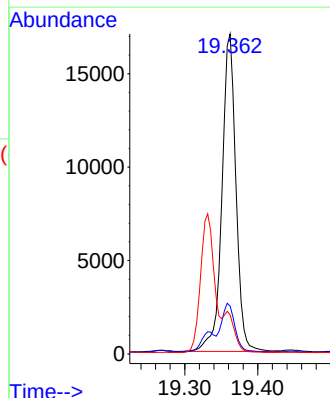
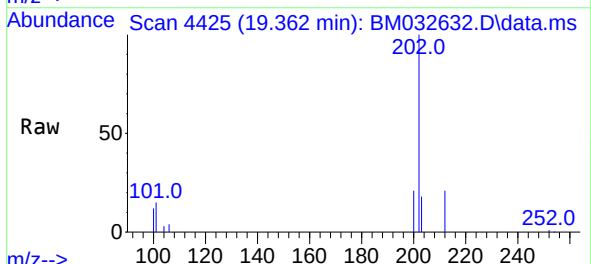
Manual Integrations
APPROVED

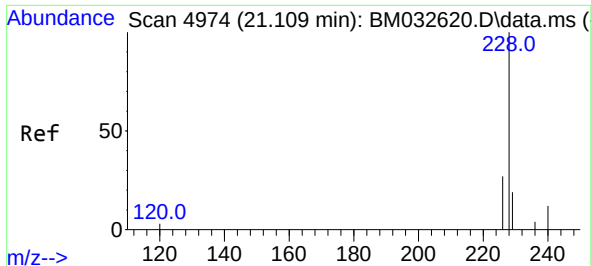
mohammad
10/21/2021 11:17:19 AM



#20
Pyrene
Concen: 0.42 ng/ul
RT: 19.362 min Scan# 4425
Delta R.T. -0.004 min
Lab File: BM032632.D
Acq: 20 Oct 2021 23:12

Tgt Ion:	202	Resp:	22635
Ion Ratio	Lower	Upper	
202	100		
101	14.9	12.3	18.5
100	12.2	10.1	15.1





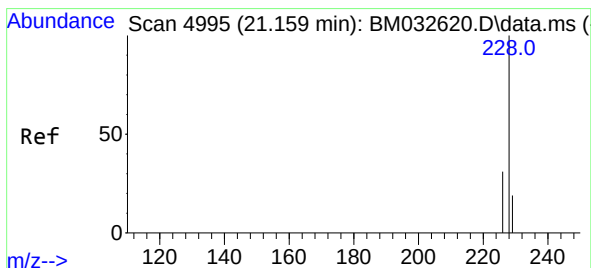
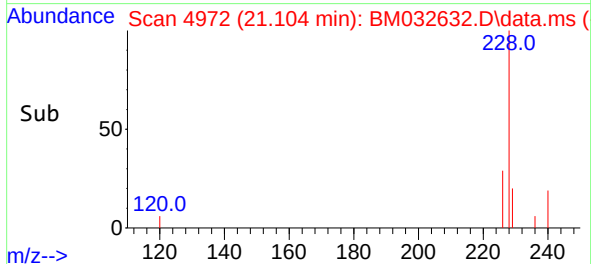
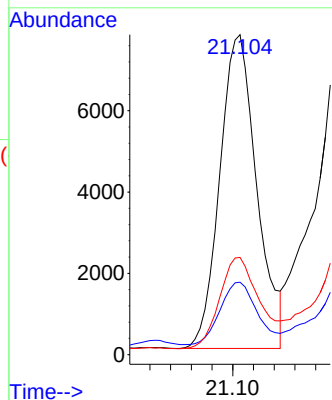
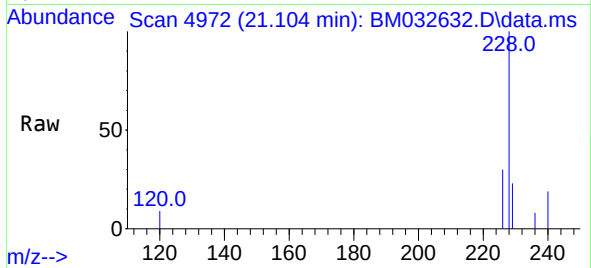
#21
Benzo(a)anthracene
Concen: 0.23 ng/ul
RT: 21.104 min Scan# 4972
Delta R.T. -0.005 min
Lab File: BM032632.D
Acq: 20 Oct 2021 23:12

Tgt Ion:	228	Resp:	9583
Ion Ratio	Lower	Upper	
228	100		
229	22.7	15.9	23.9
226	30.4	22.4	33.6

Instrument :
BNA_M
ClientSampled :
C0B48

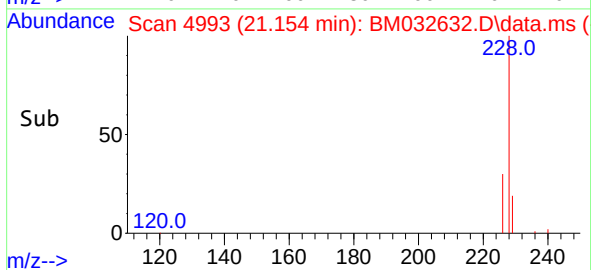
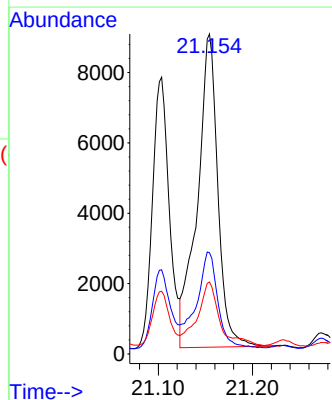
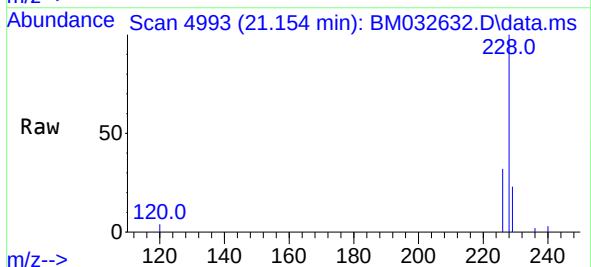
Manual Integrations
APPROVED

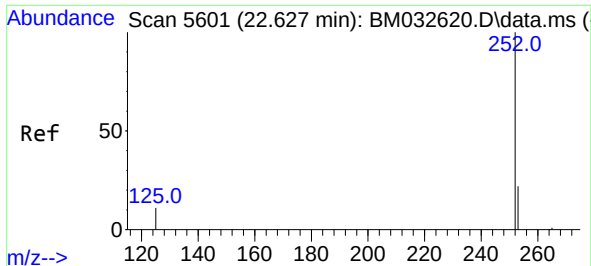
mohammad
10/21/2021 11:17:19 AM



#22
Chrysene
Concen: 0.30 ng/ul
RT: 21.154 min Scan# 4993
Delta R.T. -0.005 min
Lab File: BM032632.D
Acq: 20 Oct 2021 23:12

Tgt Ion:	228	Resp:	13483
Ion Ratio	Lower	Upper	
228	100		
226	31.7	25.1	37.7
229	22.5	15.7	23.5





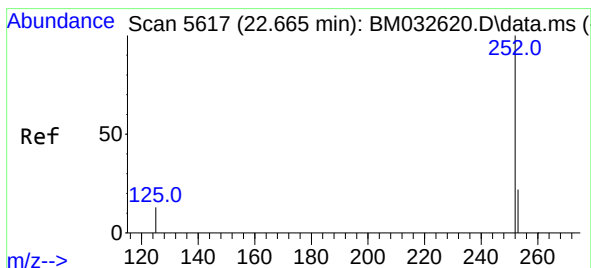
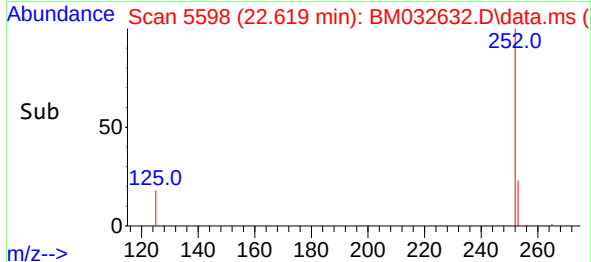
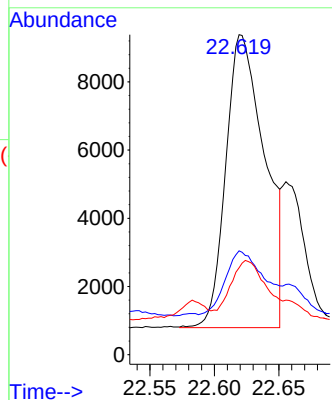
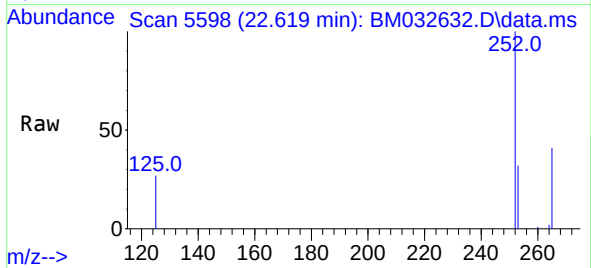
#24
Benzo(b)fluoranthene
Concen: 0.39 ng/ul m
RT: 22.619 min Scan# 5598
Delta R.T. -0.008 min
Lab File: BM032632.D
Acq: 20 Oct 2021 23:12

Tgt Ion:252	Resp:	18051
Ion Ratio	Lower	Upper
252	100	
253	32.5	0.0 53.8
125	27.2	0.0 35.6

Instrument :
BNA_M
ClientSampled :
C0B48

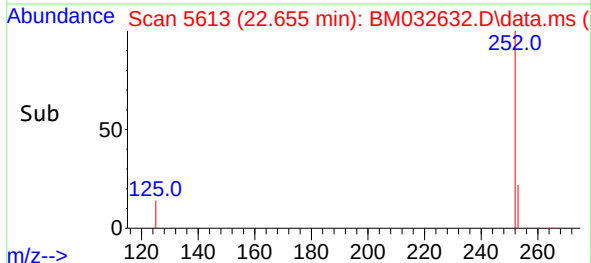
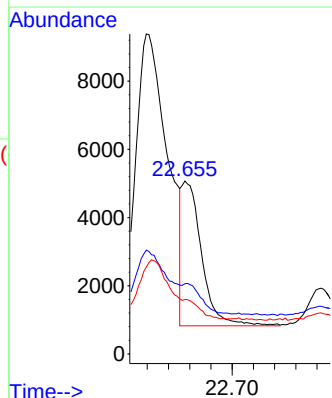
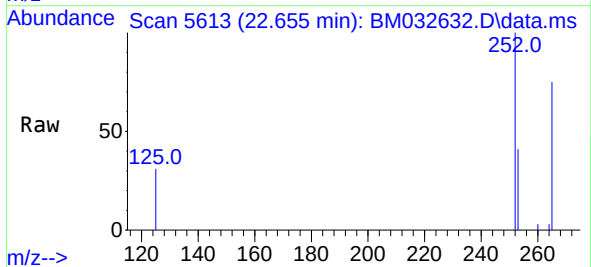
Manual Integrations
APPROVED

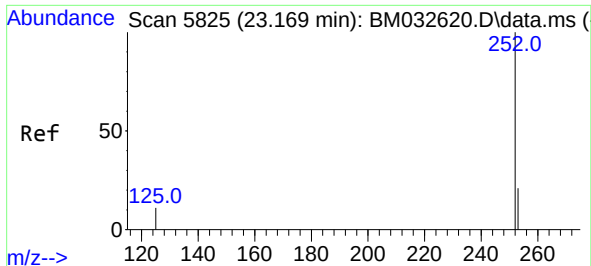
mohammad
10/21/2021 11:17:19 AM



#25
Benzo(k)fluoranthene
Concen: 0.12 ng/ul m
RT: 22.655 min Scan# 5613
Delta R.T. -0.010 min
Lab File: BM032632.D
Acq: 20 Oct 2021 23:12

Tgt Ion:252	Resp:	5518
Ion Ratio	Lower	Upper
252	100	
253	40.6	21.8 32.6#
125	31.5	14.4 21.6#





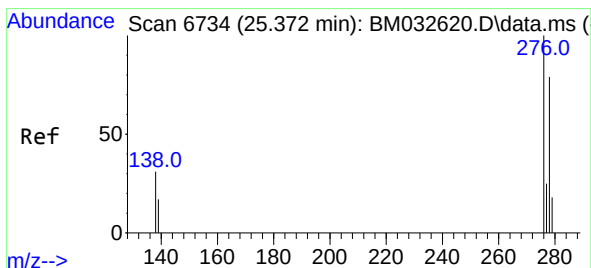
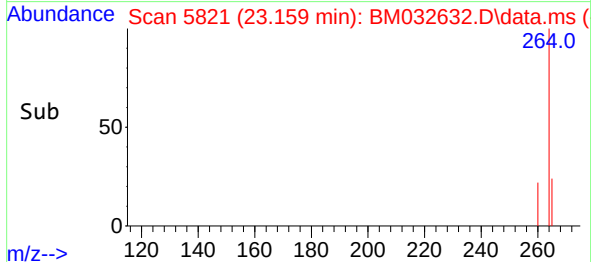
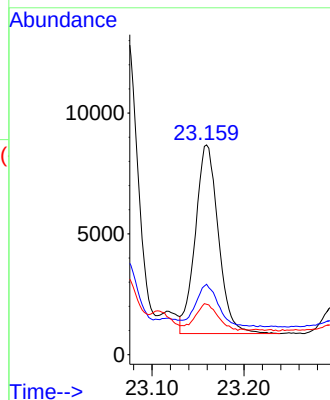
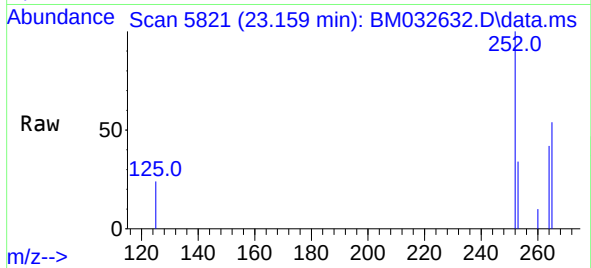
#26
Benzo(a)pyrene
Concen: 0.35 ng/u1
RT: 23.159 min Scan# 5821
Delta R.T. -0.010 min
Lab File: BM032632.D
Acq: 20 Oct 2021 23:12

Tgt Ion:	252	Resp:	13633
Ion Ratio	Lower	Upper	
252	100		
253	33.5	23.6	35.4
125	24.0	17.1	25.7

Instrument :
BNA_M
ClientSampleId :
C0B48

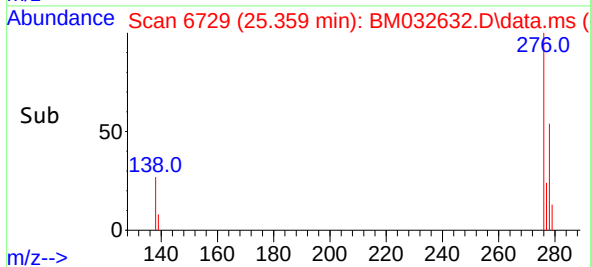
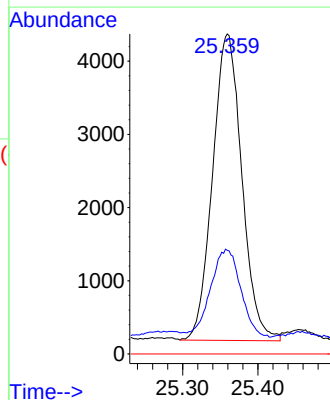
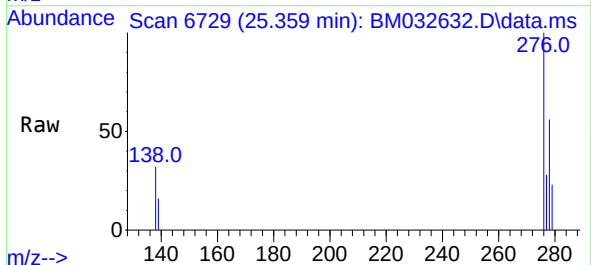
Manual Integrations
APPROVED

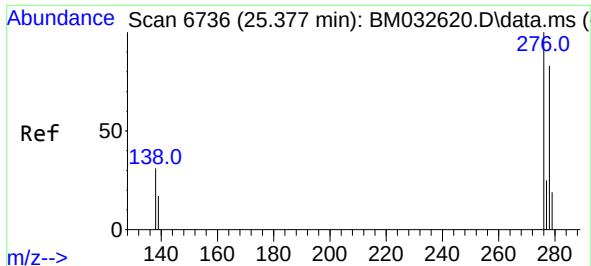
mohammad
10/21/2021 11:17:19 AM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.24 ng/u1
RT: 25.359 min Scan# 6729
Delta R.T. -0.012 min
Lab File: BM032632.D
Acq: 20 Oct 2021 23:12

Tgt Ion:	276	Resp:	11308
Ion Ratio	Lower	Upper	
276	100		
138	29.8	24.9	37.3
227	0.0	0.0	0.0





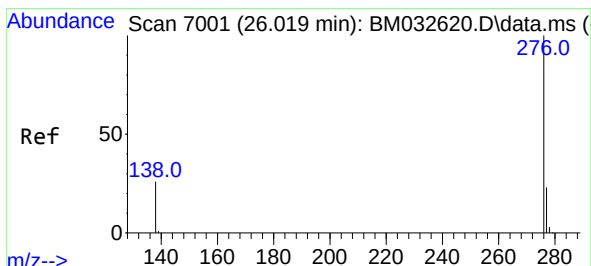
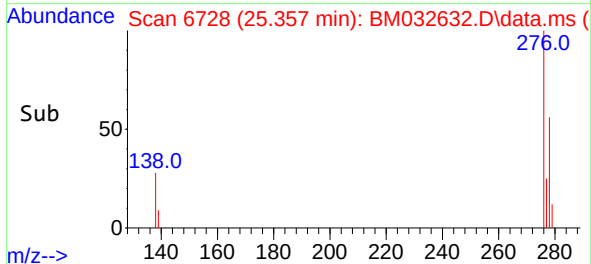
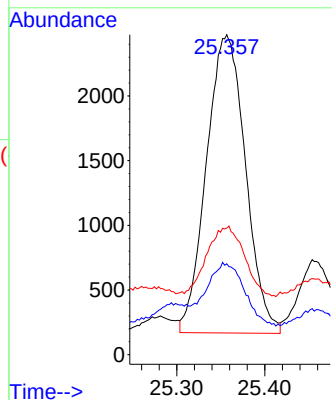
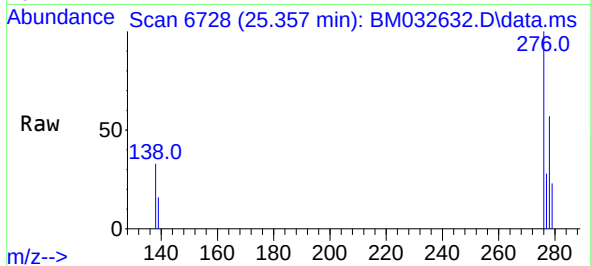
#28
Dibenzo(a,h)anthracene
Concen: 0.19 ng/ul
RT: 25.357 min Scan# 6728
Delta R.T. -0.020 min
Lab File: BM032632.D
Acq: 20 Oct 2021 23:12

Tgt Ion:278 Resp: 7112
Ion Ratio Lower Upper
278 100
139 28.4 18.6 28.0#
279 39.6 22.0 33.0#

Instrument :
BNA_M
ClientSampleId :
C0B48

Manual Integrations
APPROVED

mohammad
10/21/2021 11:17:19 AM



#29
Benzo(g,h,i)perylene
Concen: 0.40 ng/ul
RT: 26.004 min Scan# 6995
Delta R.T. -0.015 min
Lab File: BM032632.D
Acq: 20 Oct 2021 23:12

Tgt Ion:276 Resp: 16649
Ion Ratio Lower Upper
276 100
138 30.0 22.6 33.8
277 26.0 19.9 29.9

