

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
 Data File : BM032539.D
 Acq On : 15 Oct 2021 23:17
 Operator : CG/JU
 Sample : M4029-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00R6

Manual Integrations
 APPROVED

mohammad
 10/18/2021 12:42:06 PM

Quant Time: Oct 18 04:10:01 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 : Fri Oct 15 12:37:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	8034	0.40	ng/ul	0.00
4) Naphthalene-d8	10.340	136	24934	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.210	164	12854	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.947	188	23678	0.40	ng/ul	0.00
17) Chrysene-d12	21.123	240	16068	0.40	ng/ul	#-0.01
23) Perylene-d12	23.259	264	15627	0.40	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.923	96	17968	2.00	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.937	152	4087	0.12	ng/ul	0.00
18) Fluoranthene-d10	18.971	212	7952	0.16	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.390	128	46972	0.62	ng/ul	99
7) 2-Methylnaphthalene	12.009	142	21185	0.43	ng/ul	99
8) 1-Methylnaphthalene	12.234	142	11337	0.23	ng/ul	100
10) Acenaphthylene	13.929	152	37258	0.68	ng/ul	98
11) Acenaphthene	14.275	153	5167	0.10	ng/ul	98
12) Fluorene	15.261	166	9794	0.17	ng/ul#	96
15) Phenanthrene	16.989	178	127530	1.60	ng/ul	99
16) Anthracene	17.076	178	31413	0.45	ng/ul	98
19) Fluoranthene	19.001	202	308469	3.88	ng/ul	99
20) Pyrene	19.367	202	267710	3.28	ng/ul	98
21) Benzo(a)anthracene	21.108	228	144437	2.30	ng/ul	96
22) Chrysene	21.159	228	164428	2.38	ng/ul	97
24) Benzo(b)fluoranthene	22.626	252	242700m	3.36	ng/ul	
25) Benzo(k)fluoranthene	22.663	252	79267m	1.10	ng/ul	
26) Benzo(a)pyrene	23.166	252	146272m	2.42	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.359	276	111390	1.51	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.359	278	27241	0.47	ng/ul	93
29) Benzo(g,h,i)perylene	26.006	276	96118	1.49	ng/ul	99

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

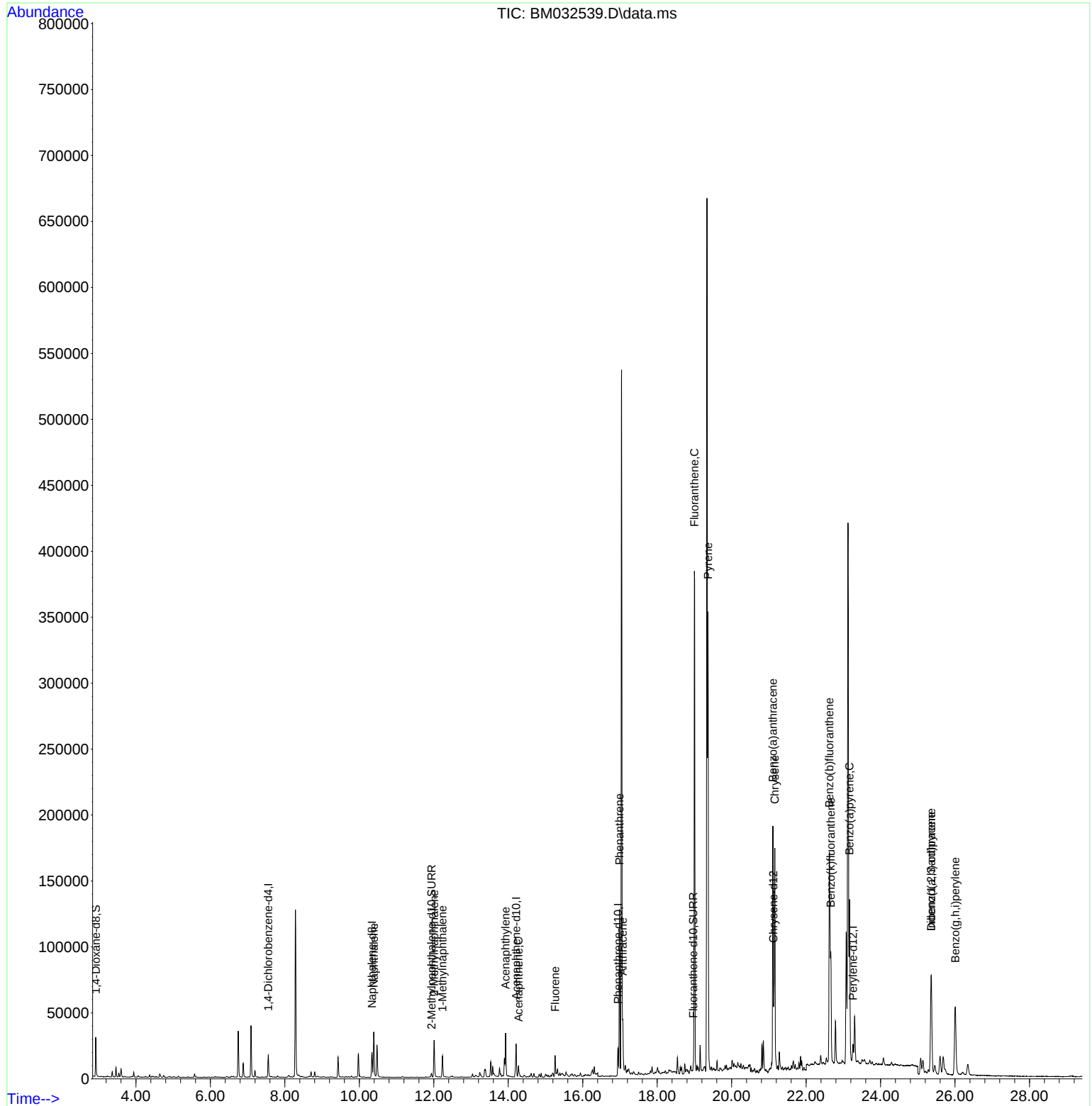
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032539.D
Acq On : 15 Oct 2021 23:17
Operator : CG/JU
Sample : M4029-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

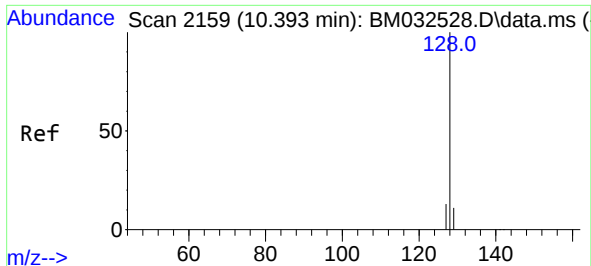
Instrument :
BNA_M
ClientSampleId :
C00R6

Manual Integrations
APPROVED

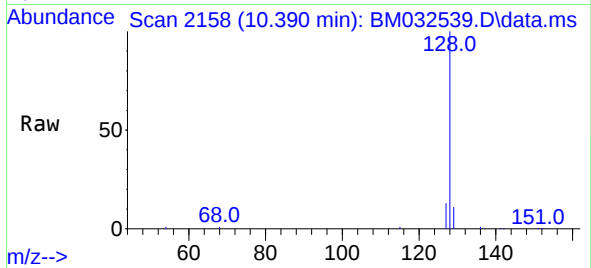
mohammad
10/18/2021 12:42:06 PM

Quant Time: Oct 18 04:10:01 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 : Fri Oct 15 12:37:00 2021
Response via : Initial Calibration

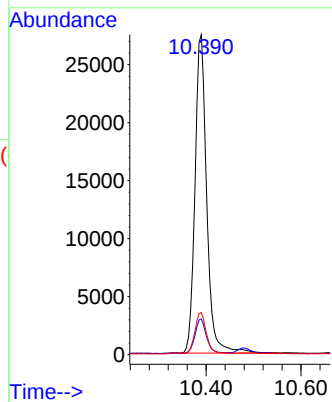
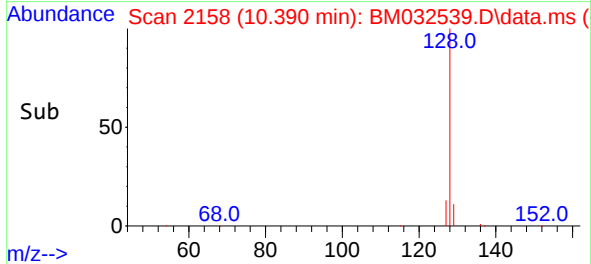




#5
Naphthalene
Concen: 0.62 ng/ul
RT: 10.390 min Scan# 2158
Delta R.T. -0.003 min
Lab File: BM032539.D
Acq: 15 Oct 2021 23:17



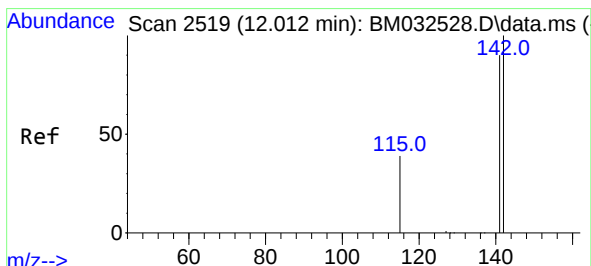
Tgt Ion:128 Resp: 46972
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.2 11.1 16.7



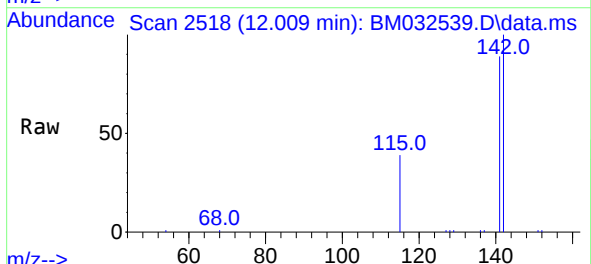
Instrument :
BNA_M
ClientSampled :
C00R6

Manual Integrations
APPROVED

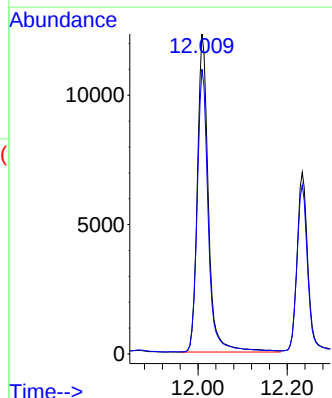
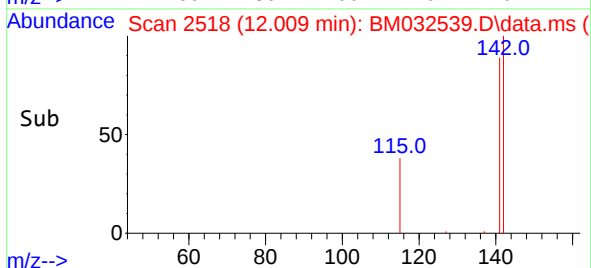
mohammad
10/18/2021 12:42:06 PM

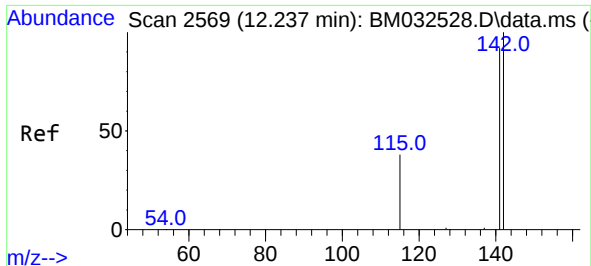


#7
2-Methylnaphthalene
Concen: 0.43 ng/ul
RT: 12.009 min Scan# 2518
Delta R.T. -0.003 min
Lab File: BM032539.D
Acq: 15 Oct 2021 23:17



Tgt Ion:142 Resp: 21185
Ion Ratio Lower Upper
142 100
141 89.3 72.2 108.2





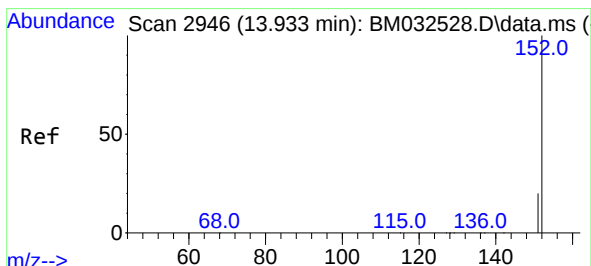
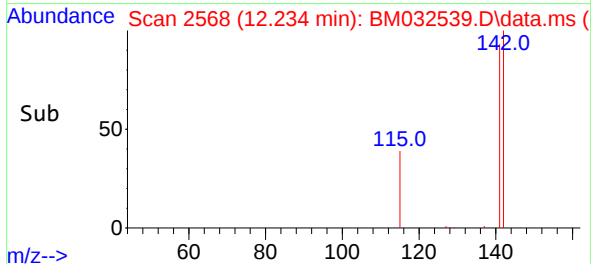
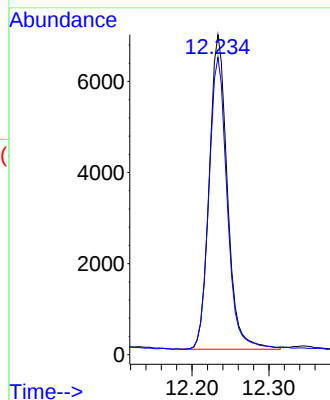
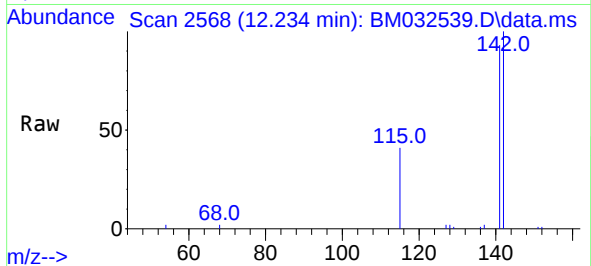
#8
1-Methylnaphthalene
Concen: 0.23 ng/ul
RT: 12.234 min Scan# 2568
Delta R.T. -0.003 min
Lab File: BM032539.D
Acq: 15 Oct 2021 23:17

Tgt Ion:142 Resp: 11337
Ion Ratio Lower Upper
142 100
141 93.3 74.9 112.3

Instrument :
BNA_M
ClientSampled :
C00R6

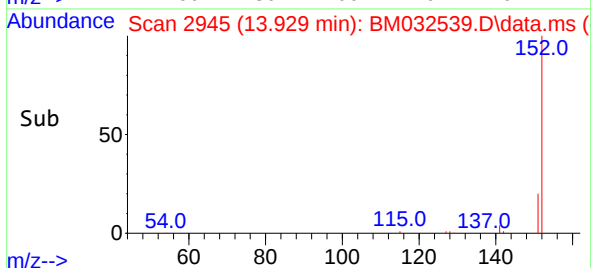
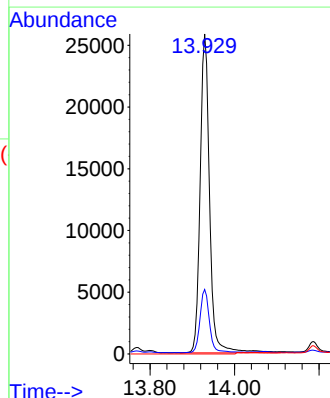
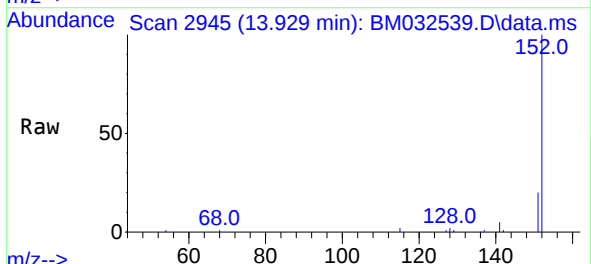
Manual Integrations
APPROVED

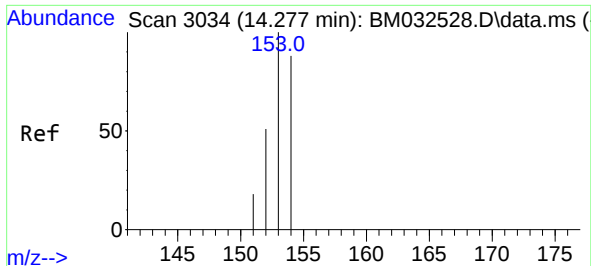
mohammad
10/18/2021 12:42:06 PM



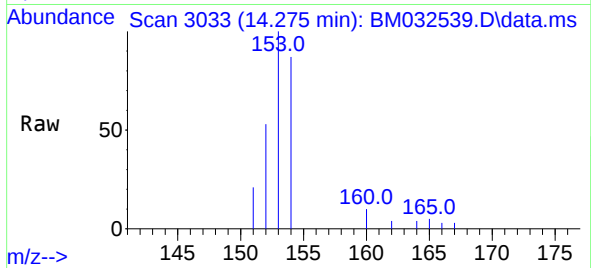
#10
Acenaphthylene
Concen: 0.68 ng/ul
RT: 13.929 min Scan# 2945
Delta R.T. -0.003 min
Lab File: BM032539.D
Acq: 15 Oct 2021 23:17

Tgt Ion:152 Resp: 37258
Ion Ratio Lower Upper
152 100
151 20.1 16.7 25.1
153 0.0 0.0 0.0

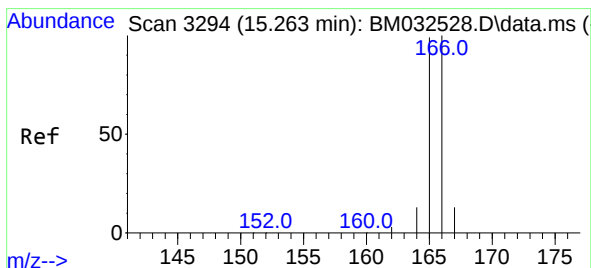
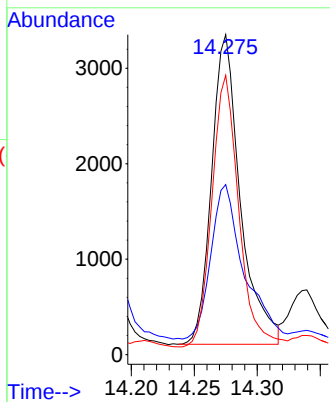
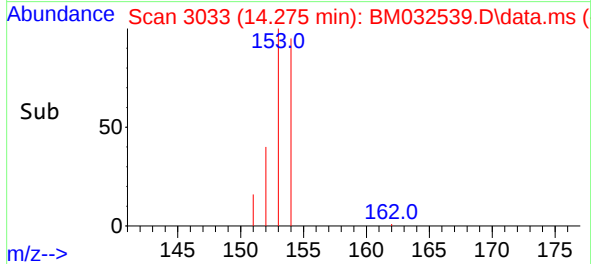




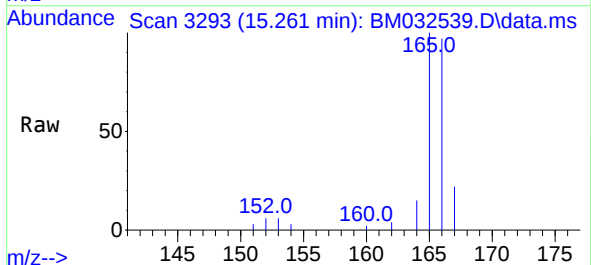
#11
Acenaphthene
Concen: 0.10 ng/ul
RT: 14.275 min Scan# 3033
Delta R.T. -0.003 min
Lab File: BM032539.D
Acq: 15 Oct 2021 23:17



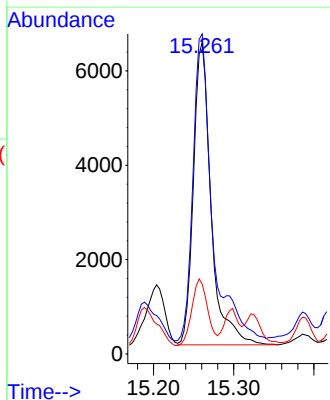
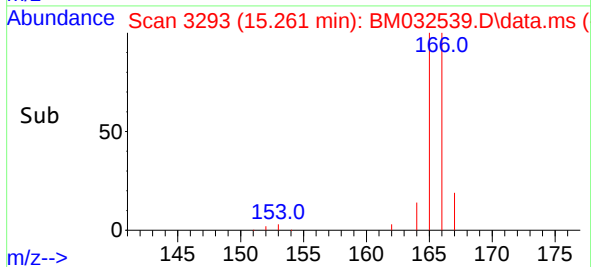
Tgt Ion:153 Resp: 5167
Ion Ratio Lower Upper
153 100
152 53.2 40.4 60.6
154 87.3 70.8 106.2



#12
Fluorene
Concen: 0.17 ng/ul
RT: 15.261 min Scan# 3293
Delta R.T. -0.003 min
Lab File: BM032539.D
Acq: 15 Oct 2021 23:17



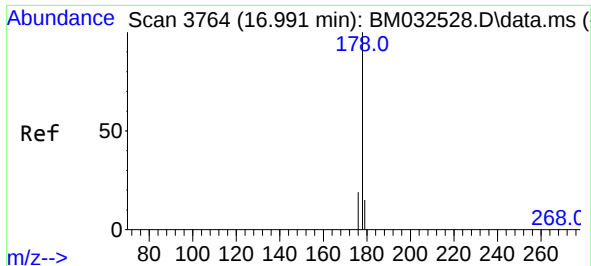
Tgt Ion:166 Resp: 9794
Ion Ratio Lower Upper
166 100
165 102.7 80.7 121.1
167 22.4 11.2 16.8#



Instrument :
BNA_M
ClientSampleId :
C00R6

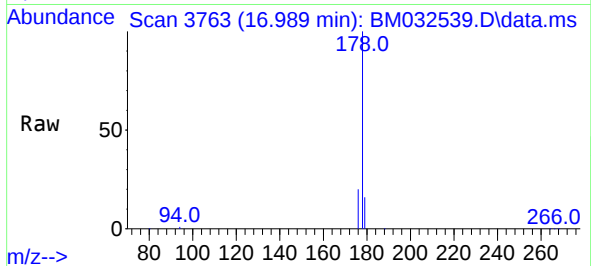
Manual Integrations
APPROVED

mohammad
10/18/2021 12:42:06 PM



#15
Phenanthrene
Concen: 1.60 ng/ul
RT: 16.989 min Scan# 3763
Delta R.T. -0.006 min
Lab File: BM032539.D
Acq: 15 Oct 2021 23:17

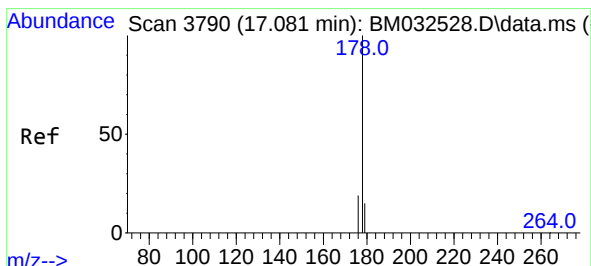
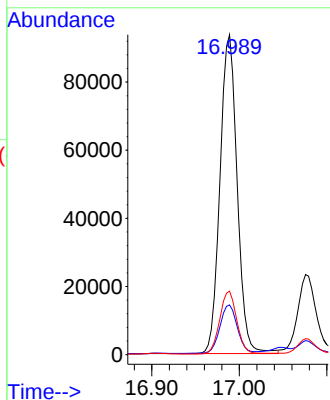
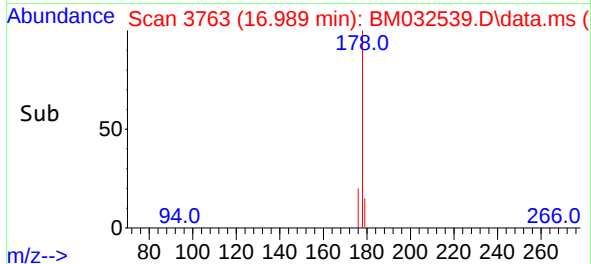
Instrument :
BNA_M
ClientSampled :
C00R6



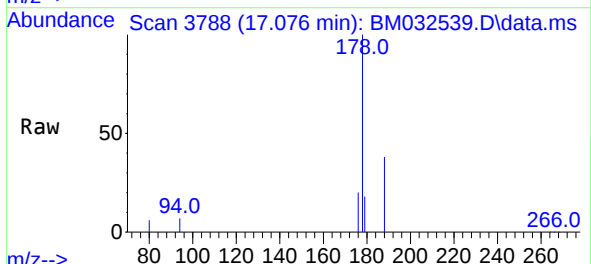
Tgt Ion:178 Resp: 127530
Ion Ratio Lower Upper
178 100
179 15.6 12.9 19.3
176 19.9 16.1 24.1

Manual Integrations
APPROVED

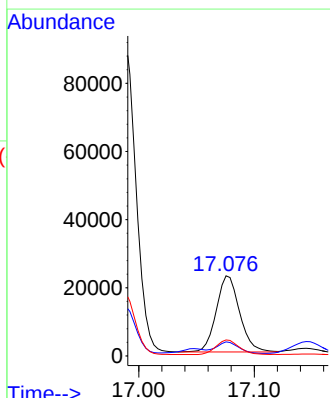
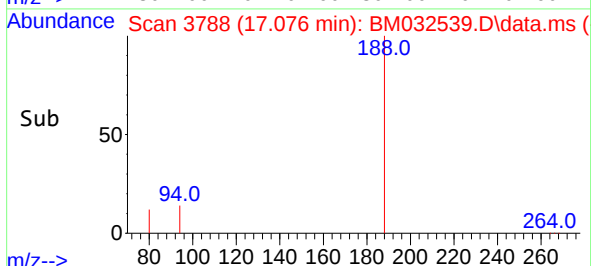
mohammad
10/18/2021 12:42:06 PM

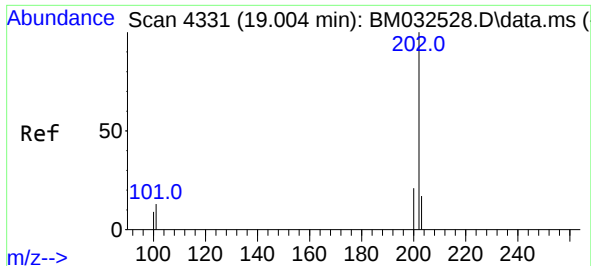


#16
Anthracene
Concen: 0.45 ng/ul
RT: 17.076 min Scan# 3788
Delta R.T. -0.009 min
Lab File: BM032539.D
Acq: 15 Oct 2021 23:17



Tgt Ion:178 Resp: 31413
Ion Ratio Lower Upper
178 100
179 17.5 12.9 19.3
176 20.0 15.8 23.6





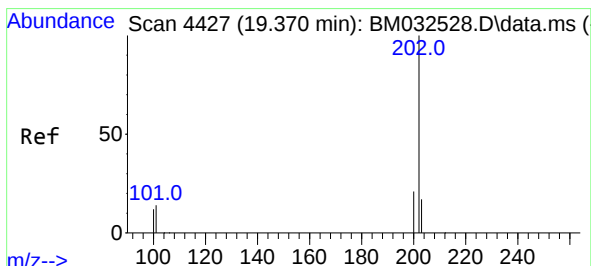
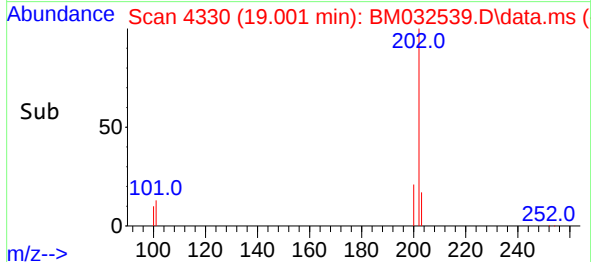
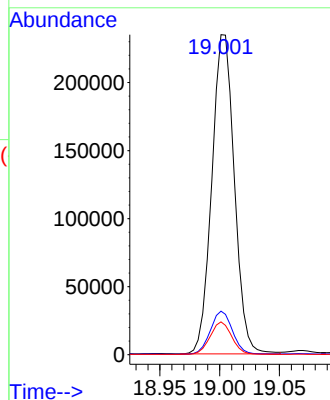
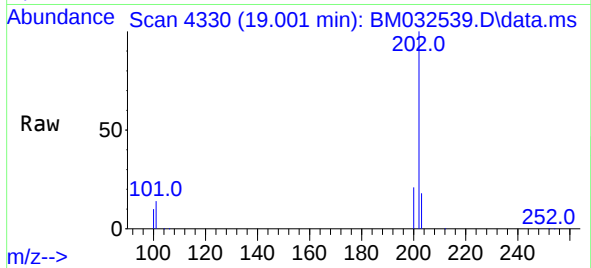
#19
Fluoranthene
Concen: 3.88 ng/ul
RT: 19.001 min Scan# 4330
Delta R.T. -0.010 min
Lab File: BM032539.D
Acq: 15 Oct 2021 23:17

Tgt Ion:	202	Resp:	308469
Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.6	16.0
100	10.2	7.8	11.8

Instrument :
BNA_M
ClientSampled :
C00R6

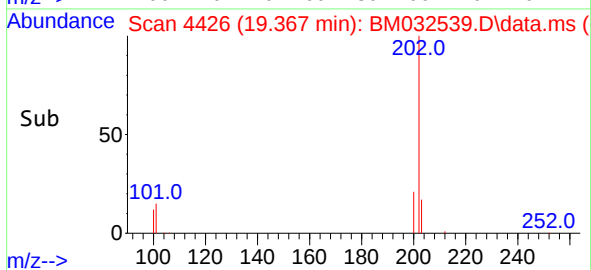
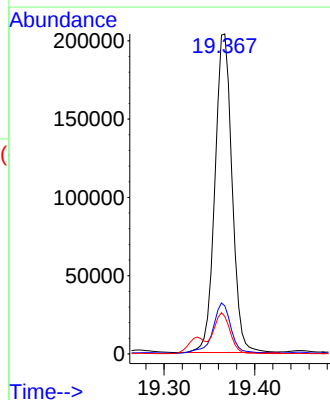
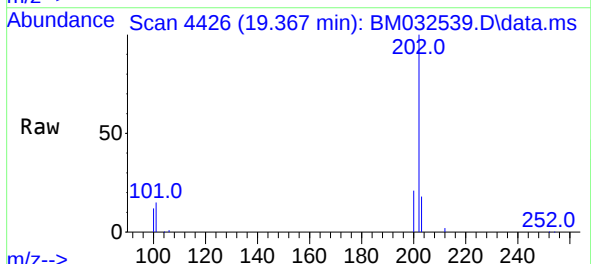
Manual Integrations
APPROVED

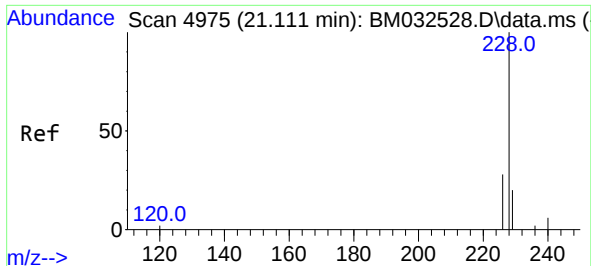
mohammad
10/18/2021 12:42:06 PM



#20
Pyrene
Concen: 3.28 ng/ul
RT: 19.367 min Scan# 4426
Delta R.T. -0.007 min
Lab File: BM032539.D
Acq: 15 Oct 2021 23:17

Tgt Ion:	202	Resp:	267710
Ion	Ratio	Lower	Upper
202	100		
101	15.0	12.3	18.5
100	11.7	10.1	15.1





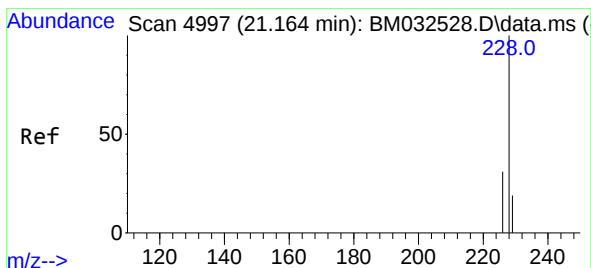
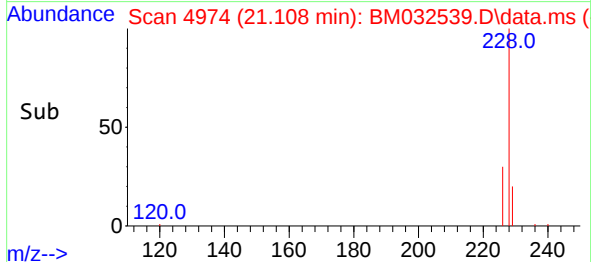
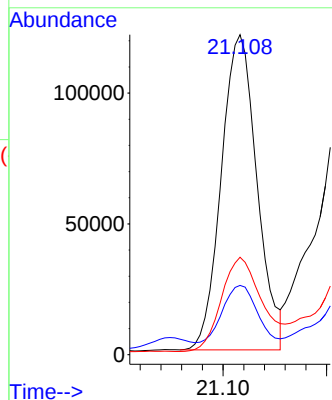
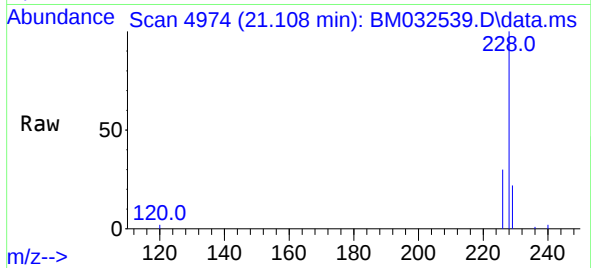
#21
Benzo(a)anthracene
Concen: 2.30 ng/ul
RT: 21.108 min Scan# 4974
Delta R.T. -0.012 min
Lab File: BM032539.D
Acq: 15 Oct 2021 23:17

Tgt Ion:228 Resp: 144437
Ion Ratio Lower Upper
228 100
229 21.6 15.9 23.9
226 30.5 22.4 33.6

Instrument :
BNA_M
ClientSampled :
C00R6

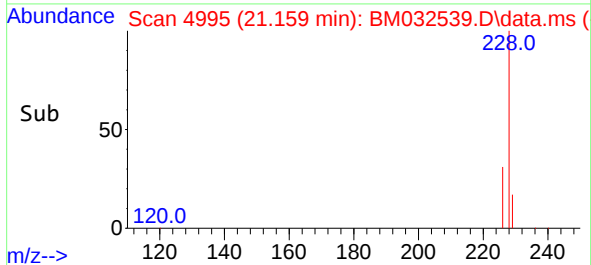
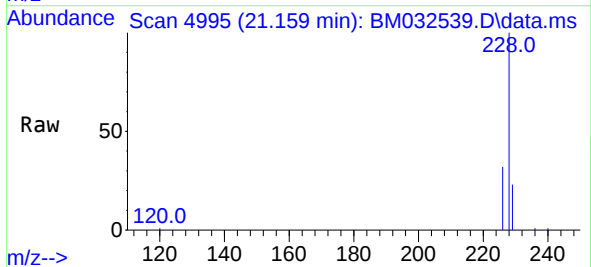
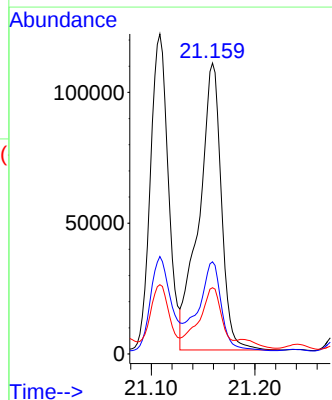
Manual Integrations
APPROVED

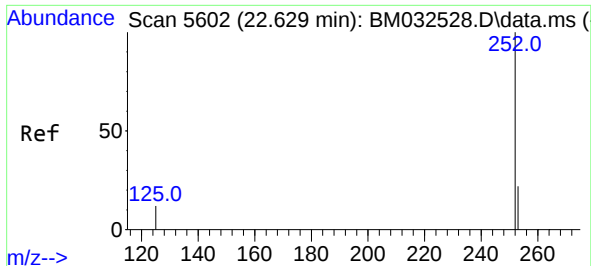
mohammad
10/18/2021 12:42:06 PM



#22
Chrysene
Concen: 2.38 ng/ul
RT: 21.159 min Scan# 4995
Delta R.T. -0.012 min
Lab File: BM032539.D
Acq: 15 Oct 2021 23:17

Tgt Ion:228 Resp: 164428
Ion Ratio Lower Upper
228 100
226 31.7 25.1 37.7
229 22.8 15.7 23.5





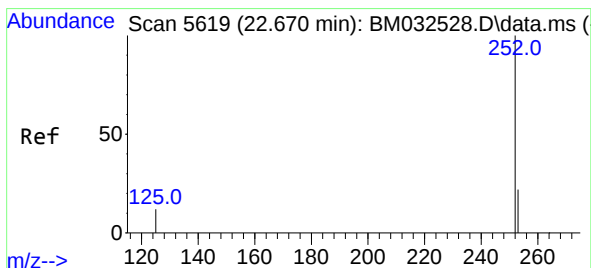
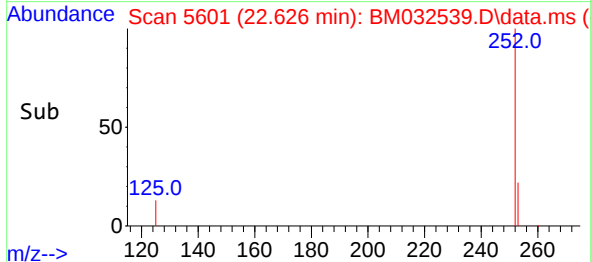
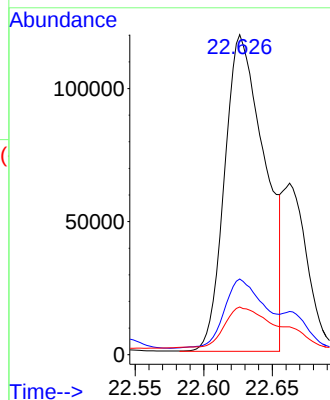
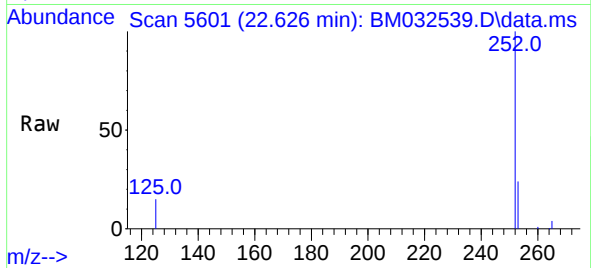
#24
Benzo(b)fluoranthene
Concen: 3.36 ng/ul m
RT: 22.626 min Scan# 5601
Delta R.T. -0.017 min
Lab File: BM032539.D
Acq: 15 Oct 2021 23:17

Tgt Ion:252 Resp: 242700
Ion Ratio Lower Upper
252 100
253 23.7 0.0 53.8
125 14.9 0.0 35.6

Instrument :
BNA_M
ClientSampleId :
C00R6

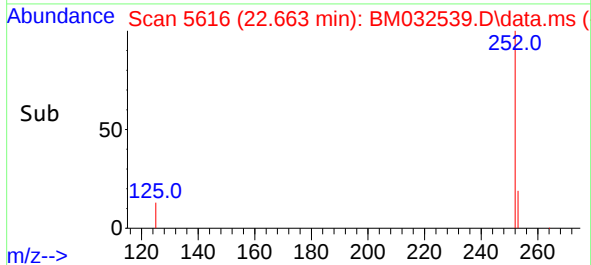
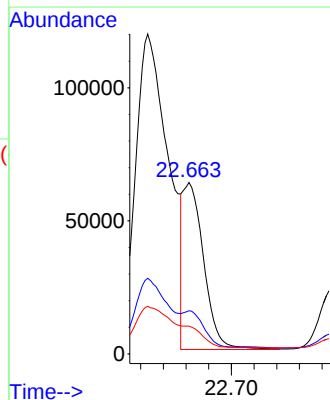
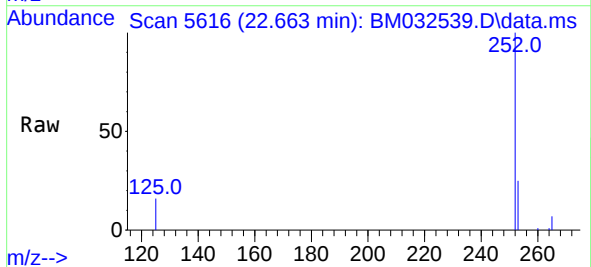
Manual Integrations
APPROVED

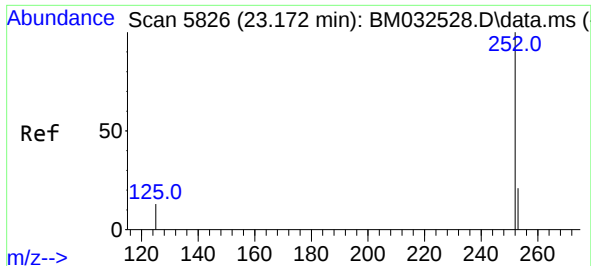
mohammad
10/18/2021 12:42:06 PM



#25
Benzo(k)fluoranthene
Concen: 1.10 ng/ul m
RT: 22.663 min Scan# 5616
Delta R.T. -0.022 min
Lab File: BM032539.D
Acq: 15 Oct 2021 23:17

Tgt Ion:252 Resp: 79267
Ion Ratio Lower Upper
252 100
253 25.2 21.8 32.6
125 16.2 14.4 21.6





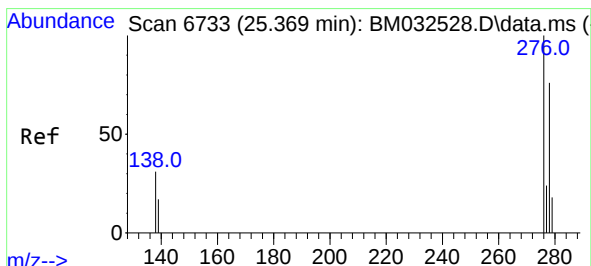
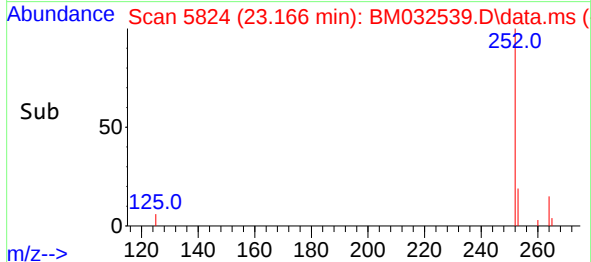
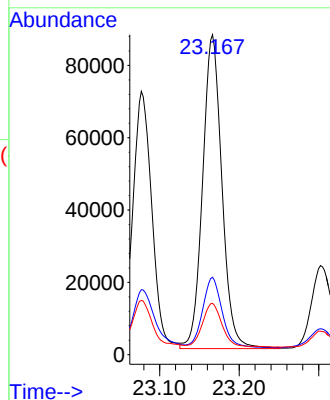
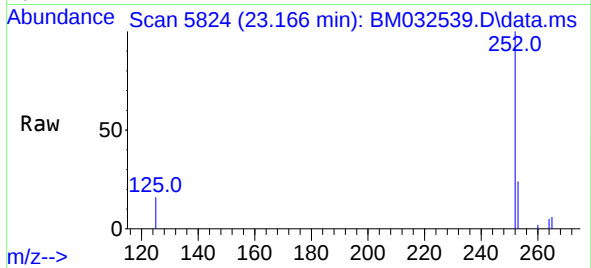
#26
Benzo(a)pyrene
Concen: 2.42 ng/ul m
RT: 23.166 min Scan# 5824
Delta R.T. -0.017 min
Lab File: BM032539.D
Acq: 15 Oct 2021 23:17

Tgt Ion:252 Resp: 146272
Ion Ratio Lower Upper
252 100
253 24.2 23.6 35.4
125 16.1 17.1 25.7#

Instrument :
BNA_M
ClientSampleId :
C00R6

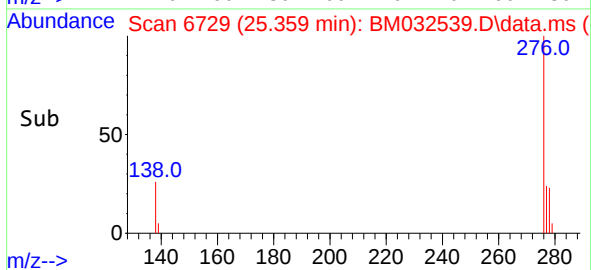
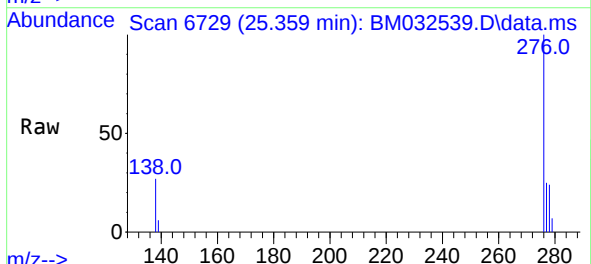
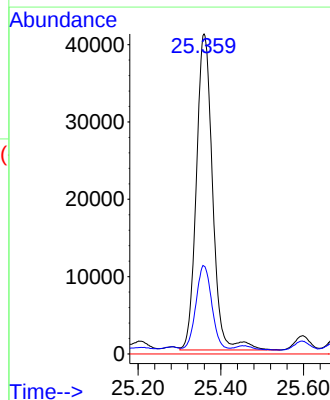
Manual Integrations
APPROVED

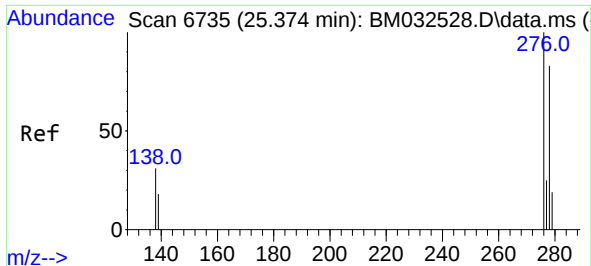
mohammad
10/18/2021 12:42:06 PM



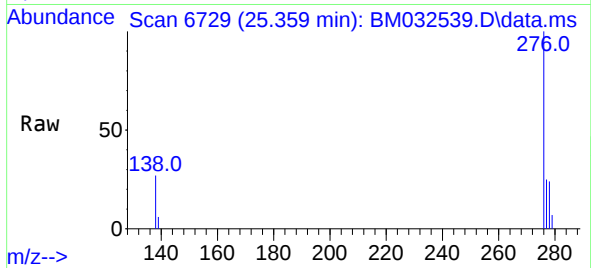
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.51 ng/ul
RT: 25.359 min Scan# 6729
Delta R.T. -0.027 min
Lab File: BM032539.D
Acq: 15 Oct 2021 23:17

Tgt Ion:276 Resp: 111390
Ion Ratio Lower Upper
276 100
138 25.6 24.9 37.3
227 0.0 0.0 0.0

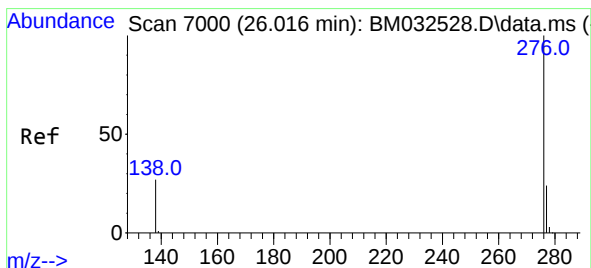
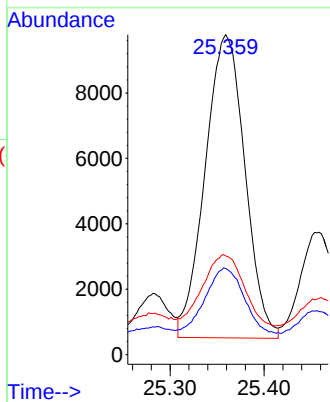
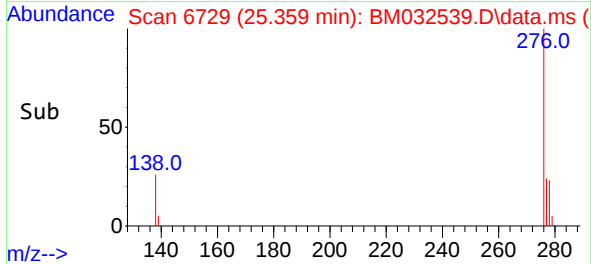




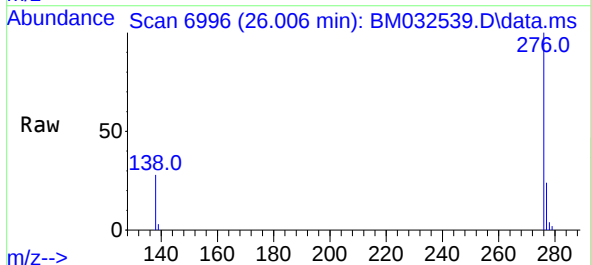
#28
Dibenzo(a,h)anthracene
Concen: 0.47 ng/ul
RT: 25.359 min Scan# 6729
Delta R.T. -0.034 min
Lab File: BM032539.D
Acq: 15 Oct 2021 23:17



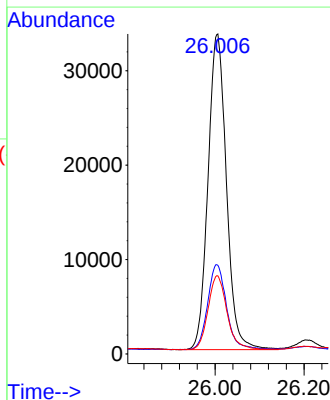
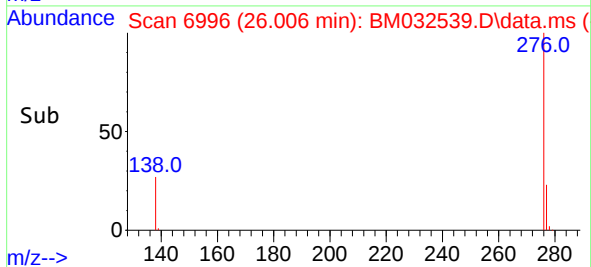
Tgt Ion:278 Resp: 27241
Ion Ratio Lower Upper
278 100
139 26.9 18.6 28.0
279 30.8 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 1.49 ng/ul
RT: 26.006 min Scan# 6996
Delta R.T. -0.024 min
Lab File: BM032539.D
Acq: 15 Oct 2021 23:17



Tgt Ion:276 Resp: 96118
Ion Ratio Lower Upper
276 100
138 27.7 22.6 33.8
277 24.4 19.9 29.9



Instrument :
BNA_M
ClientSampleId :
C00R6

Manual Integrations
APPROVED

mohammad
10/18/2021 12:42:06 PM