

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE033121\
 Data File : BE101167.D
 Acq On : 31 Mar 2021 18:15
 Operator : CG/JU
 Sample : M1843-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE117D1-20210325

Manual Integrations
 APPROVED

mohammad
 4/1/2021 10:52:15 AM

Quant Time: Mar 31 18:56:57 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE032421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 31 11:11:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	3952	0.40	ng	0.00
7) Naphthalene-d8	10.627	136	17261	0.40	ng	#-0.01
13) Acenaphthene-d10	14.457	164	11435	0.40	ng	-0.01
19) Phenanthrene-d10	17.212	188	28135	0.40	ng	#-0.01
29) Chrysene-d12	21.365	240	36326	0.40	ng	#-0.01
36) Perylene-d12	23.851	264	34328	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1710	0.18	ng	0.00
5) Phenol-d6	7.001	99	1488	0.10	ng	0.00
8) Nitrobenzene-d5	8.990	82	4606	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.210	152	9308	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	757	0.37	ng	-0.01
15) 2-Fluorobiphenyl	13.088	172	13457	0.31	ng	-0.01
27) Fluoranthene-d10	19.227	212	159047	0.45	ng	0.00
31) Terphenyl-d14	19.824	244	37617	0.46	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.385	88	1581	0.25	ng	# 74
28) Fluoranthene	19.256	202	2205	0.02	ng	# 93
30) Pyrene	19.618	202	2718	0.03	ng	97
32) Benzo(a)anthracene	21.353	228	2206	0.02	ng	# 94
33) Chrysene	21.402	228	2328m	0.02	ng	
34) Bis(2-ethylhexyl)phtha...	21.293	149	14000	0.23	ng	98
35) Indeno(1,2,3-cd)pyrene	26.470	276	1518	0.02	ng	# 84
37) Benzo(b)fluoranthene	23.092	252	2034	0.02	ng	# 58
40) Dibenzo(a,h)anthracene	26.502	278	1268	0.12	ng	# 65

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

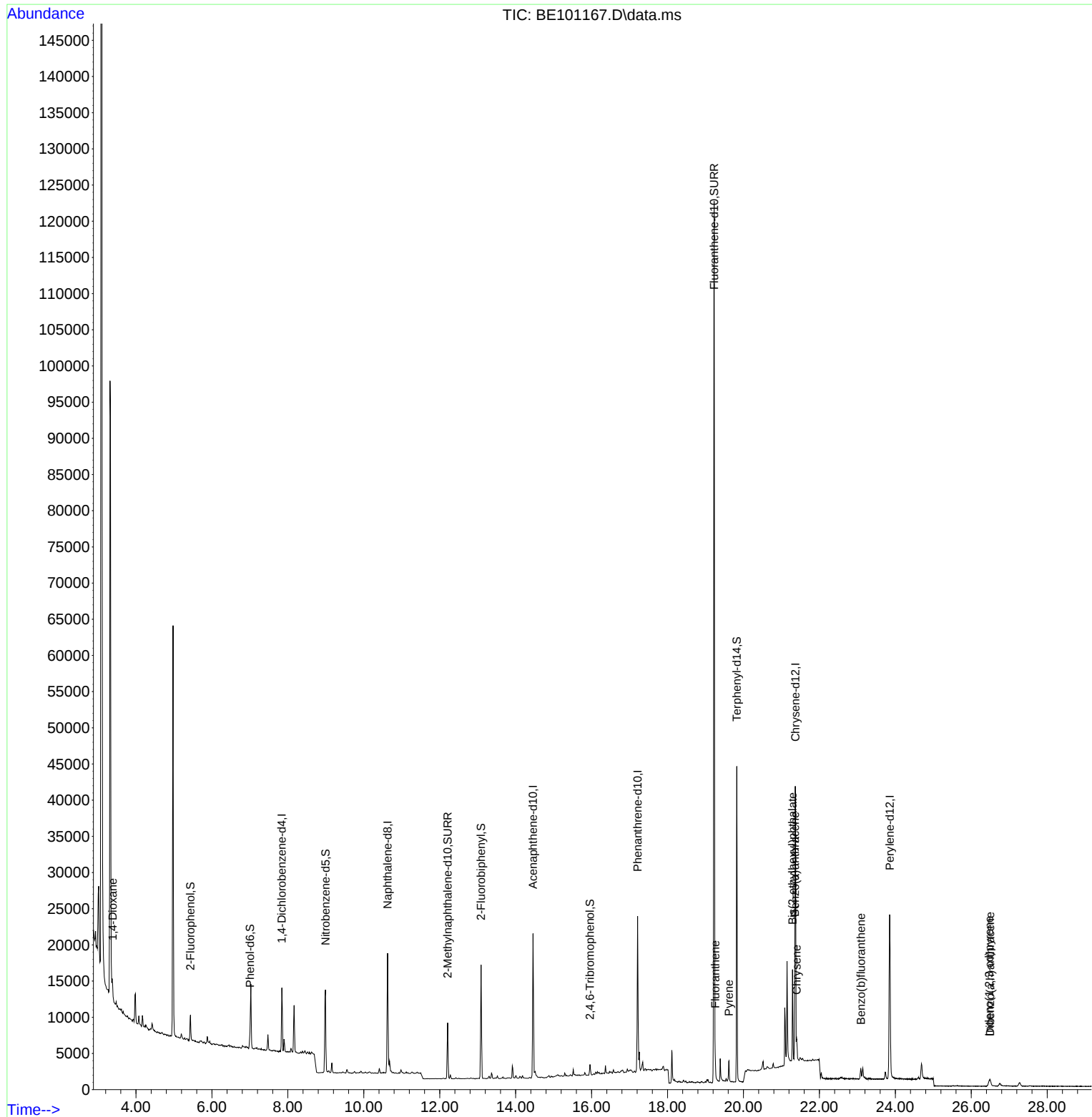
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE033121\
Data File : BE101167.D
Acq On : 31 Mar 2021 18:15
Operator : CG/JU
Sample : M1843-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

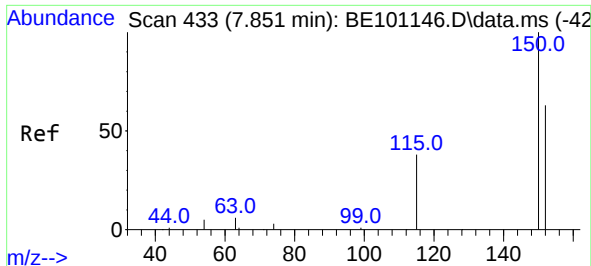
Instrument :
BNA_E
ClientSampleId :
RE117D1-20210325

Manual Integrations
APPROVED

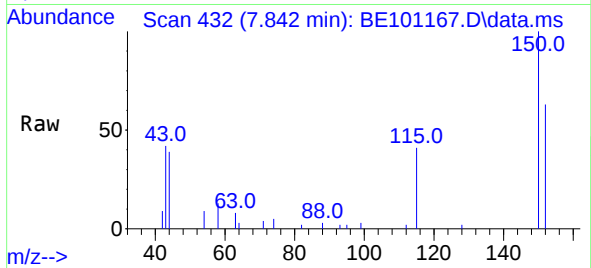
mohammad
4/1/2021 10:52:15 AM

Quant Time: Mar 31 18:56:57 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE032421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 31 11:11:33 2021
Response via : Initial Calibration

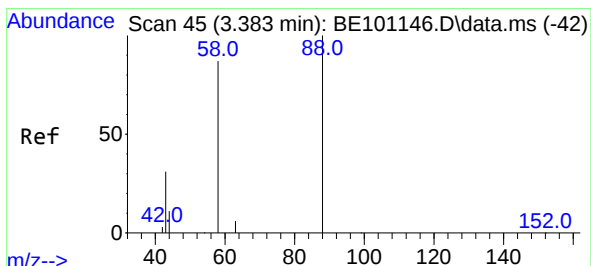
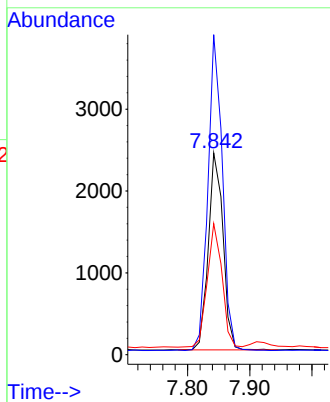
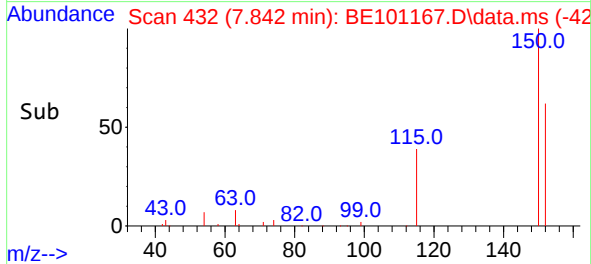




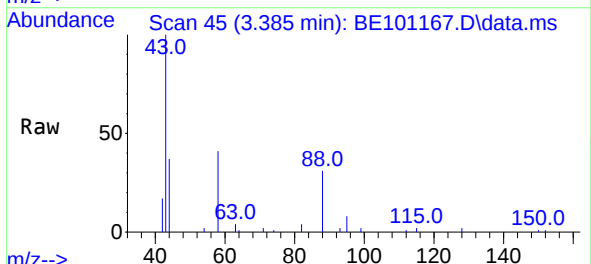
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.842 min Scan# 432
Delta R.T. -0.009 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15



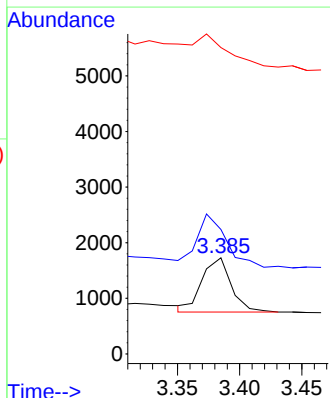
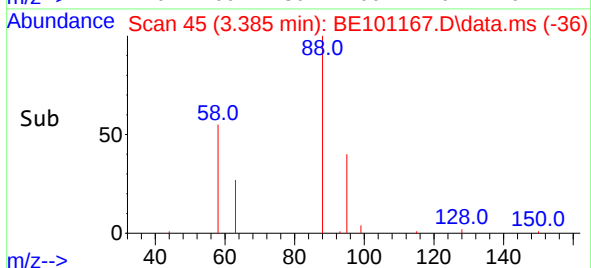
Tgt Ion: 152 Resp: 3952
Ion Ratio Lower Upper
152 100
150 158.6 126.3 189.5
115 64.9 48.9 73.3



#2
1,4-Dioxane
Concen: 0.25 ng
RT: 3.385 min Scan# 45
Delta R.T. 0.002 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15



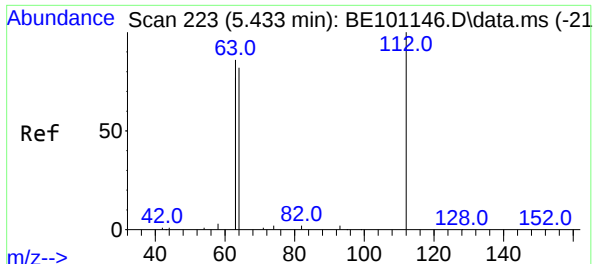
Tgt Ion: 88 Resp: 1581
Ion Ratio Lower Upper
88 100
58 97.6 68.5 102.7
43 0.0 27.2 40.8



Instrument :
BNA_E
ClientSampleId :
RE117D1-20210325

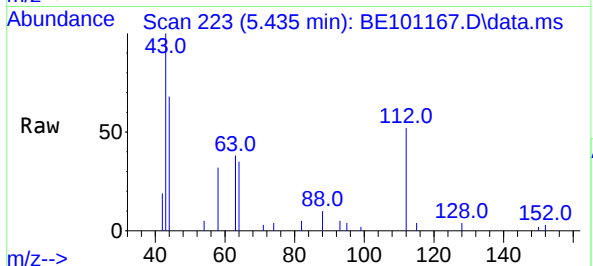
Manual Integrations
APPROVED

mohammad
4/1/2021 10:52:15 AM



#4
2-Fluorophenol
Concen: 0.18 ng
RT: 5.435 min Scan# 223
Delta R.T. 0.002 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15

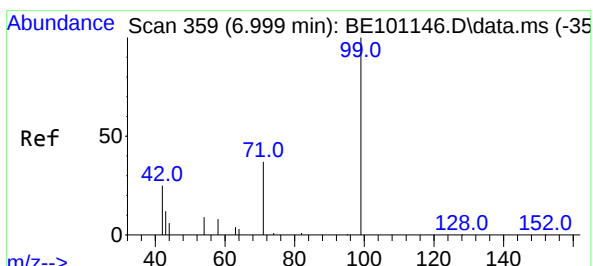
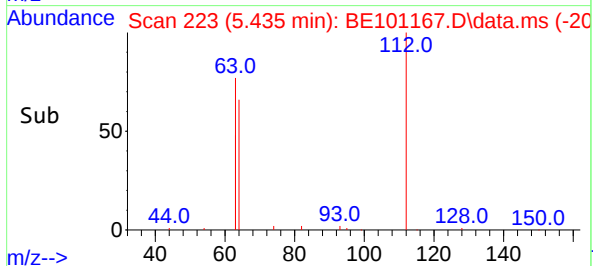
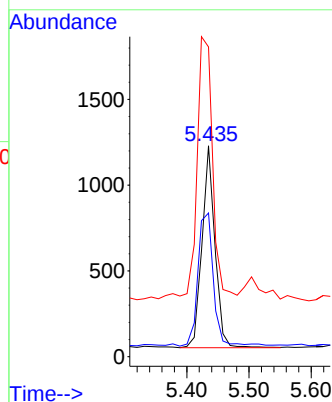
Instrument :
BNA_E
ClientSampleId :
RE117D1-20210325



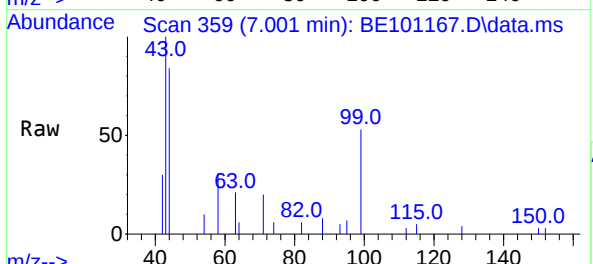
Tgt Ion:112 Resp: 1710
Ion Ratio Lower Upper
112 100
64 77.3 60.8 91.2
63 159.5 119.4 179.0

Manual Integrations
APPROVED

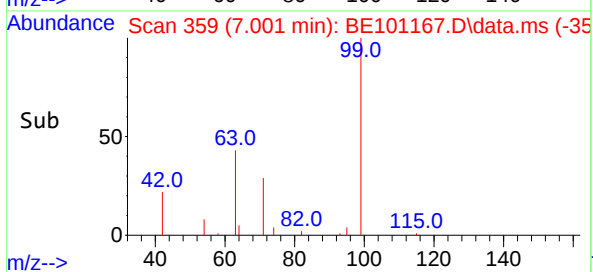
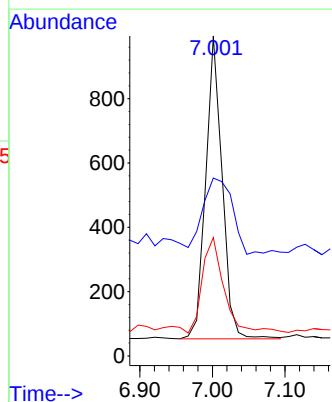
mohammad
4/1/2021 10:52:15 AM

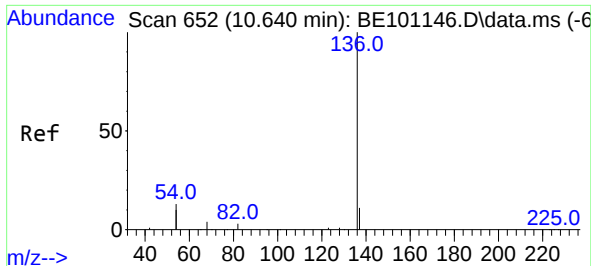


#5
Phenol-d6
Concen: 0.10 ng
RT: 7.001 min Scan# 359
Delta R.T. 0.002 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15



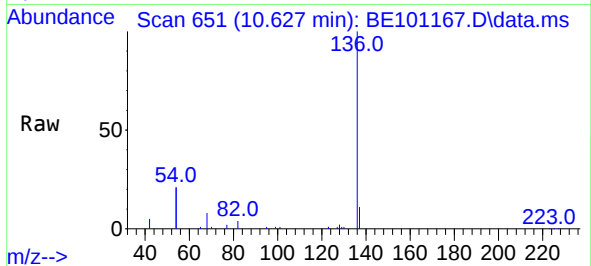
Tgt Ion: 99 Resp: 1488
Ion Ratio Lower Upper
99 100
42 43.3 18.8 28.2#
71 41.8 26.3 39.5#





#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.627 min Scan# 651
Delta R.T. -0.013 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15

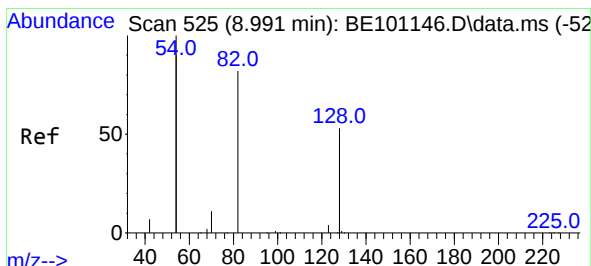
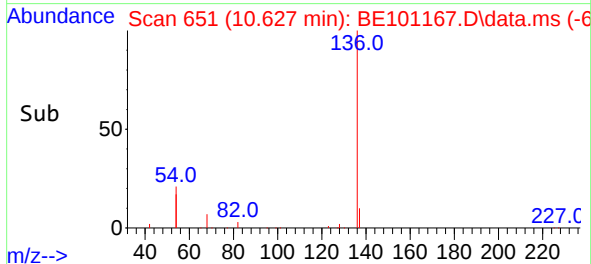
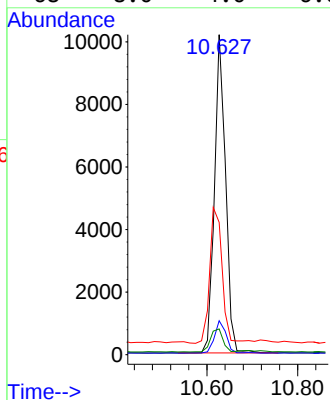
Instrument :
BNA_E
ClientSampleId :
RE117D1-20210325



Tgt Ion: 136 Resp: 17261
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 41.4 20.2 30.4#
68 8.0 4.0 6.0#

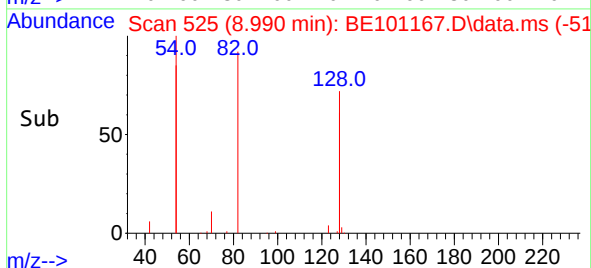
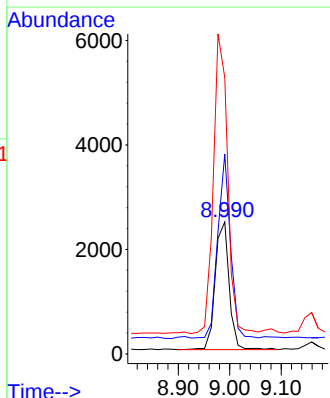
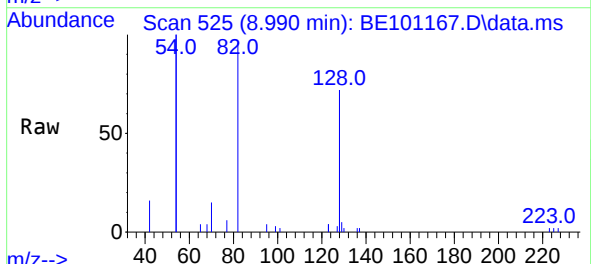
Manual Integrations
APPROVED

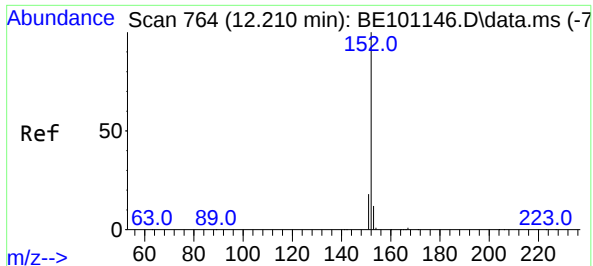
mohammad
4/1/2021 10:52:15 AM



#8
Nitrobenzene-d5
Concen: 0.45 ng
RT: 8.990 min Scan# 525
Delta R.T. -0.000 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15

Tgt Ion: 82 Resp: 4606
Ion Ratio Lower Upper
82 100
128 151.4 101.5 152.3
54 209.4 189.8 284.6





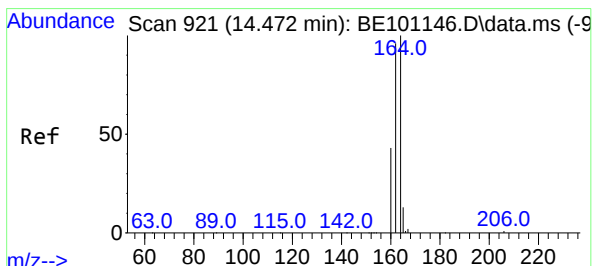
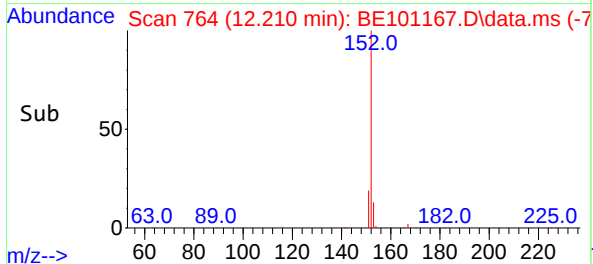
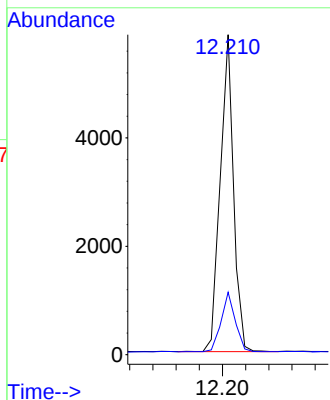
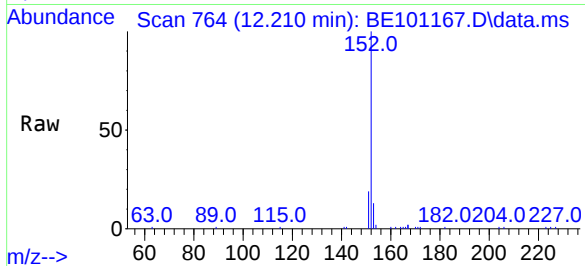
#11
2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 12.210 min Scan# 764
Delta R.T. -0.000 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15

Tgt Ion:152 Resp: 9308
Ion Ratio Lower Upper
152 100
151 20.3 16.6 24.8

Instrument :
BNA_E
ClientSampleId :
RE117D1-20210325

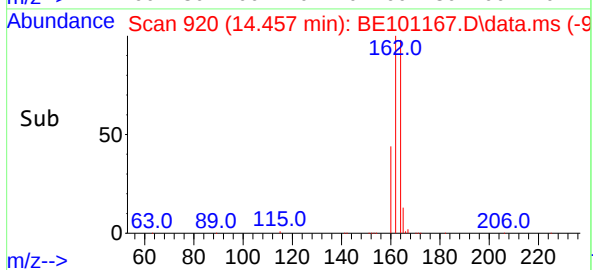
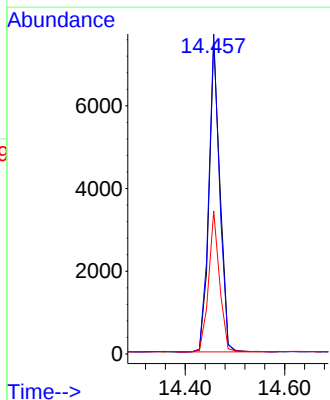
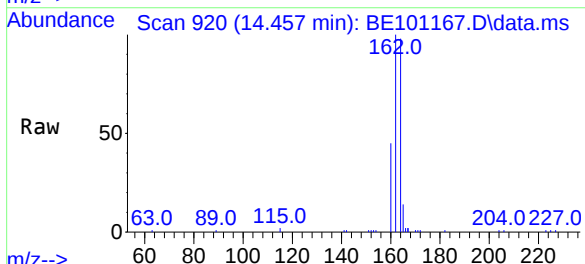
Manual Integrations
APPROVED

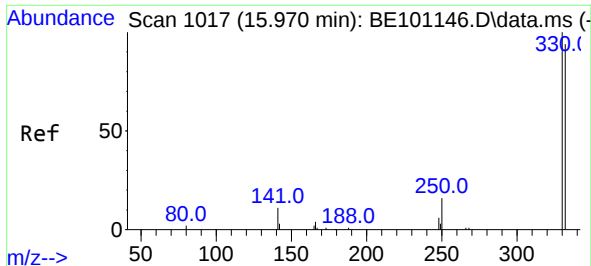
mohammad
4/1/2021 10:52:15 AM



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.457 min Scan# 920
Delta R.T. -0.015 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15

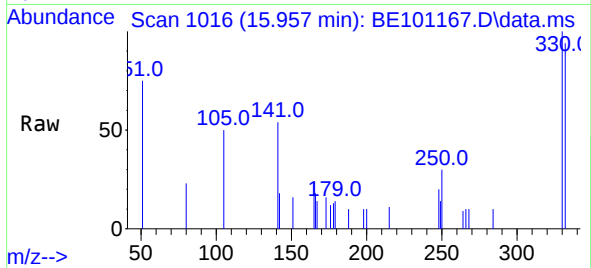
Tgt Ion:164 Resp: 11435
Ion Ratio Lower Upper
164 100
162 102.4 76.6 115.0
160 45.8 34.5 51.7





#14
2,4,6-Tribromophenol
Concen: 0.37 ng
RT: 15.957 min Scan# 1016
Delta R.T. -0.014 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15

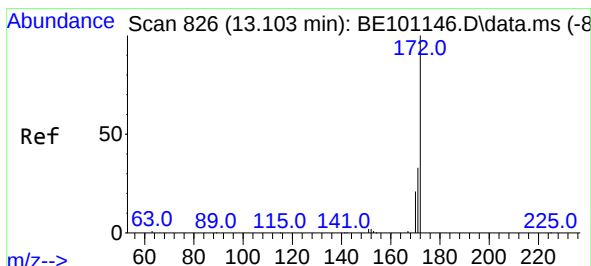
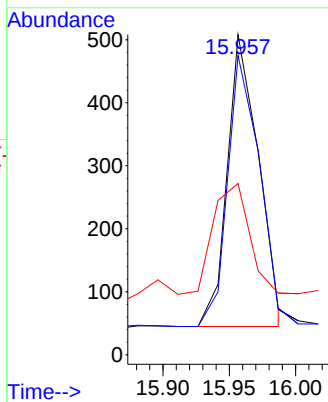
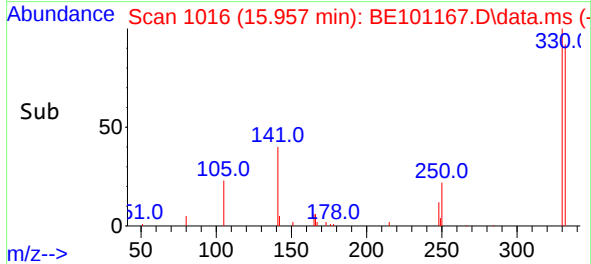
Instrument :
BNA_E
ClientSampleId :
RE117D1-20210325



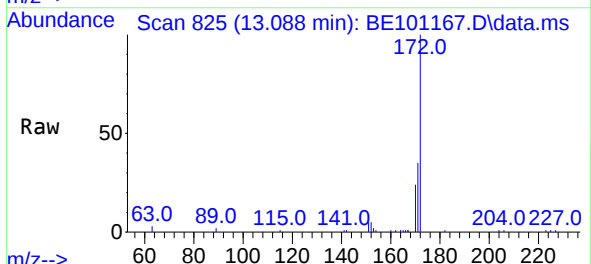
Tgt Ion: 330 Resp: 757
Ion Ratio Lower Upper
330 100
332 95.0 69.1 103.7
141 46.1 30.6 45.8#

Manual Integrations
APPROVED

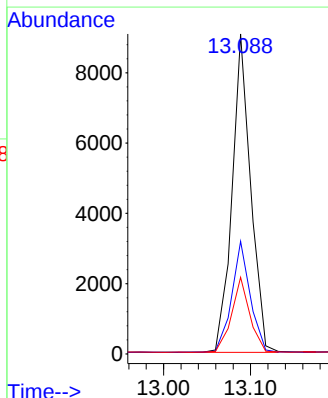
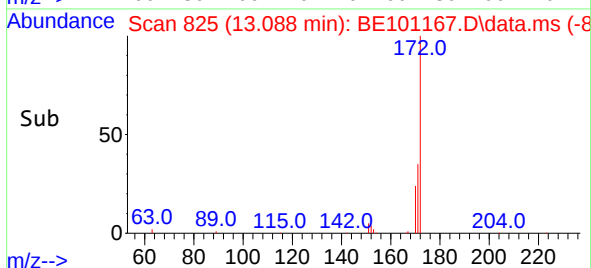
mohammad
4/1/2021 10:52:15 AM

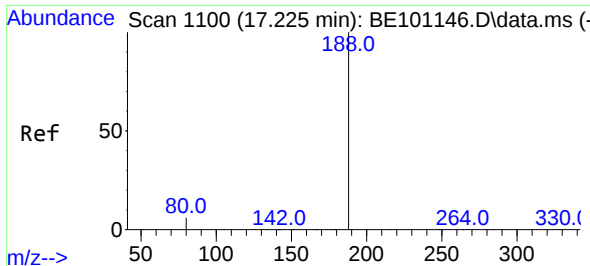


#15
2-Fluorobiphenyl
Concen: 0.31 ng
RT: 13.088 min Scan# 825
Delta R.T. -0.015 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15



Tgt Ion: 172 Resp: 13457
Ion Ratio Lower Upper
172 100
171 35.2 26.4 39.6
170 24.0 17.4 26.0





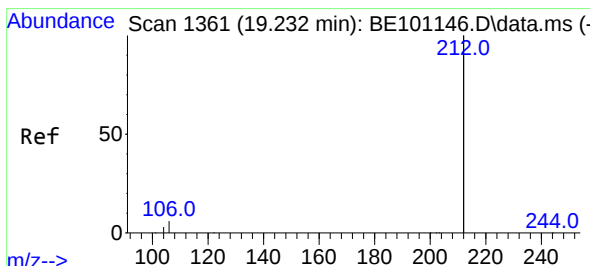
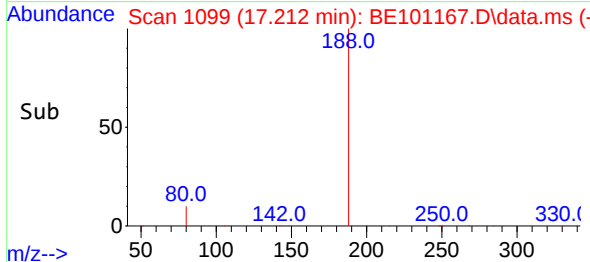
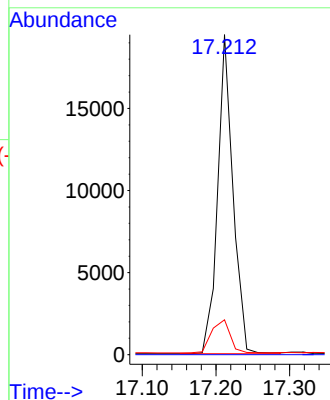
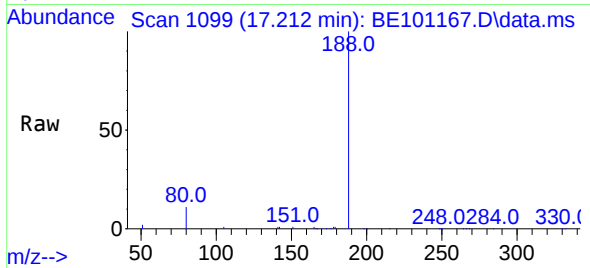
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.212 min Scan# 1099
Delta R.T. -0.014 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15

Tgt Ion:188 Resp: 28135
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.9 4.8 7.2#

Instrument :
BNA_E
ClientSampleId :
RE117D1-20210325

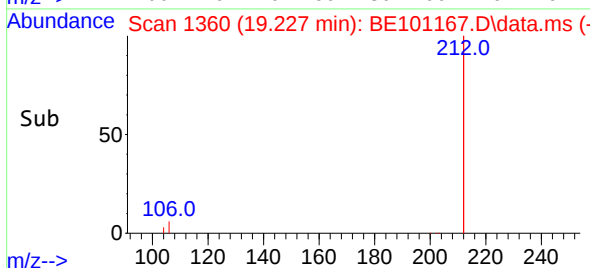
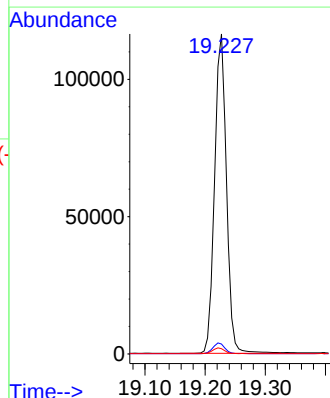
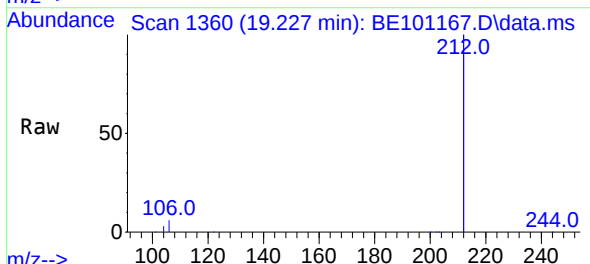
Manual Integrations
APPROVED

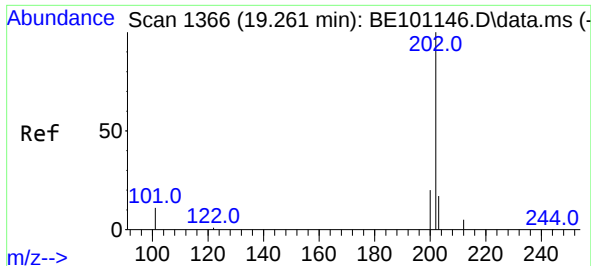
mohammad
4/1/2021 10:52:15 AM



#27
Fluoranthene-d10
Concen: 0.45 ng
RT: 19.227 min Scan# 1360
Delta R.T. -0.005 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15

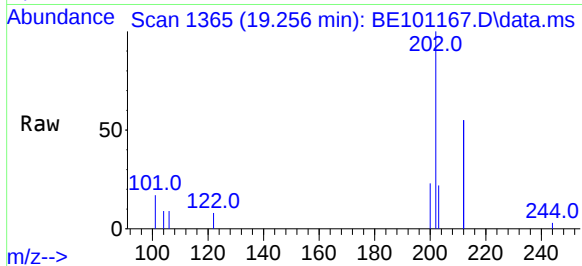
Tgt Ion:212 Resp: 159047
Ion Ratio Lower Upper
212 100
106 3.4 2.6 3.8
104 1.9 1.4 2.2





#28
Fluoranthene
Concen: 0.02 ng
RT: 19.256 min Scan# 1365
Delta R.T. -0.005 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15

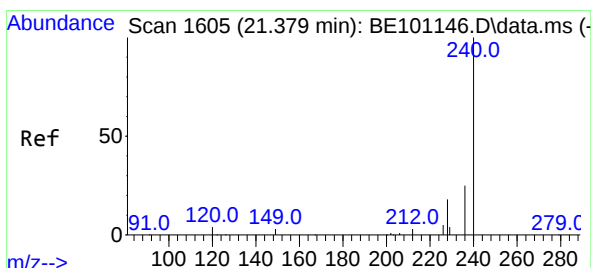
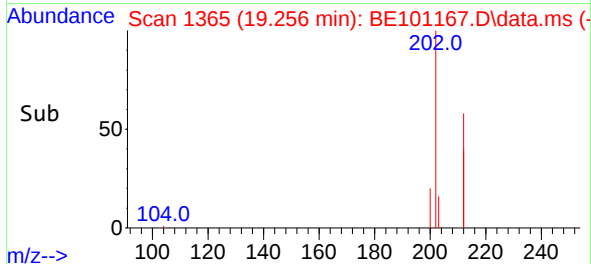
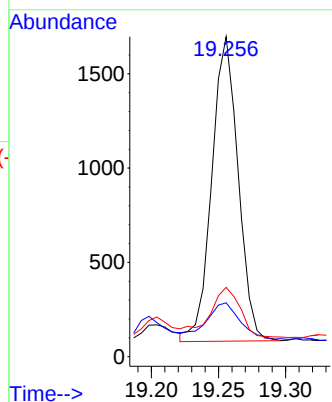
Instrument :
BNA_E
ClientSampleId :
RE117D1-20210325



Tgt Ion:202 Resp: 2205
Ion Ratio Lower Upper
202 100
101 16.1 8.9 13.3#
203 18.2 13.8 20.6

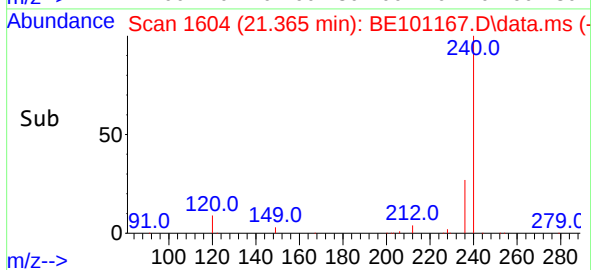
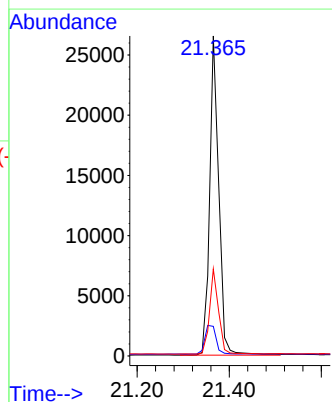
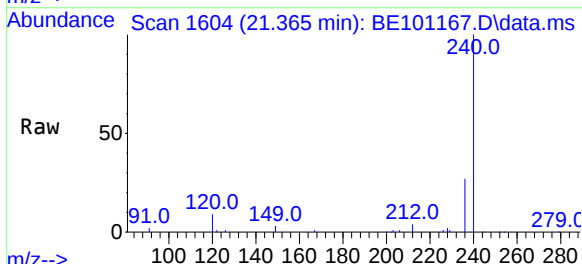
Manual Integrations
APPROVED

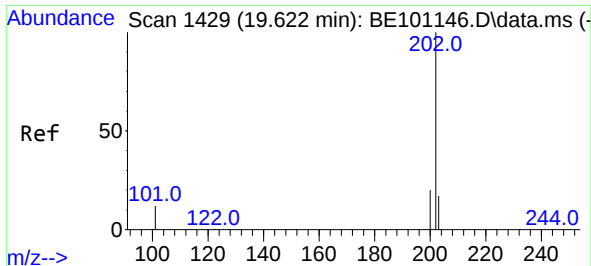
mohammad
4/1/2021 10:52:15 AM



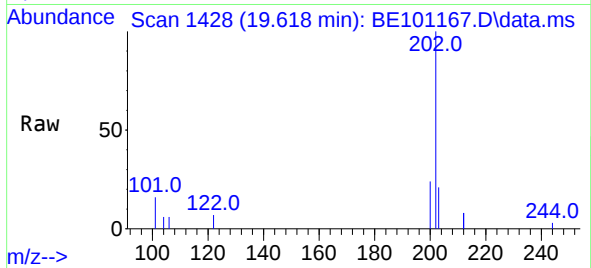
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.365 min Scan# 1604
Delta R.T. -0.013 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15

Tgt Ion:240 Resp: 36326
Ion Ratio Lower Upper
240 100
120 9.2 4.1 6.1#
236 27.2 20.3 30.5

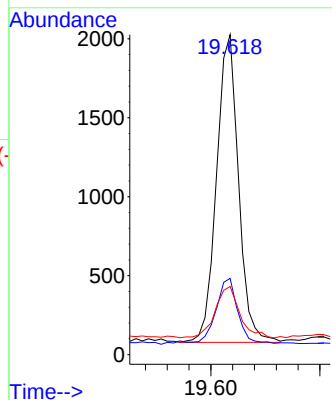




#30
 Pyrene
 Concen: 0.03 ng
 RT: 19.618 min Scan# 1428
 Delta R.T. -0.005 min
 Lab File: BE101167.D
 Acq: 31 Mar 2021 18:15



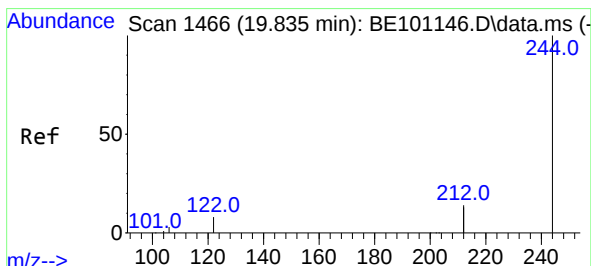
Tgt Ion:	202	Resp:	2718
Ion Ratio	Lower	Upper	
202	100		
200	21.9	16.2	24.2
203	18.7	13.9	20.9



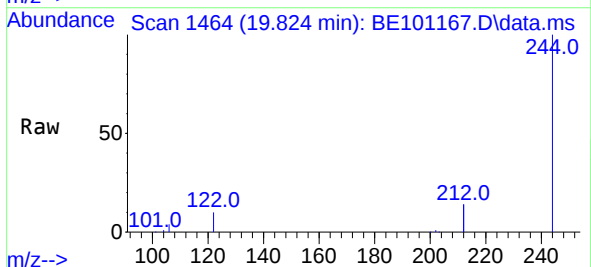
Instrument :
 BNA_E
 ClientSampleId :
 RE117D1-20210325

Manual Integrations
 APPROVED

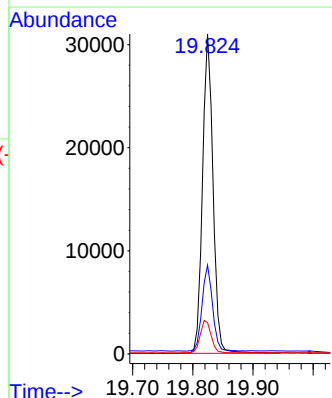
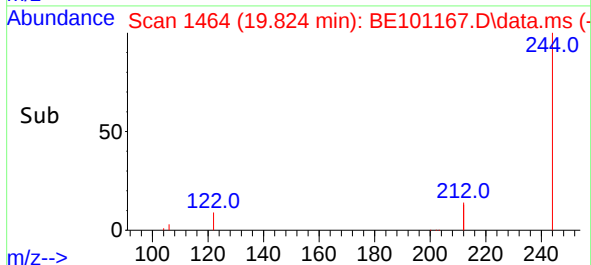
mohammad
 4/1/2021 10:52:15 AM

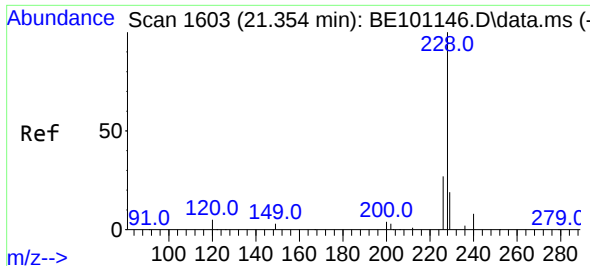


#31
 Terphenyl-d14
 Concen: 0.46 ng
 RT: 19.824 min Scan# 1464
 Delta R.T. -0.011 min
 Lab File: BE101167.D
 Acq: 31 Mar 2021 18:15



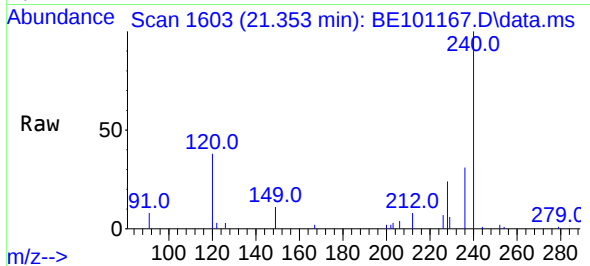
Tgt Ion:	244	Resp:	37617
Ion Ratio	Lower	Upper	
244	100		
212	27.7	21.7	32.5
122	9.8	6.6	10.0





#32
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.353 min Scan# 1603
Delta R.T. -0.001 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15

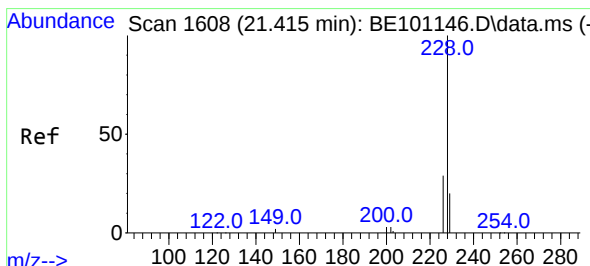
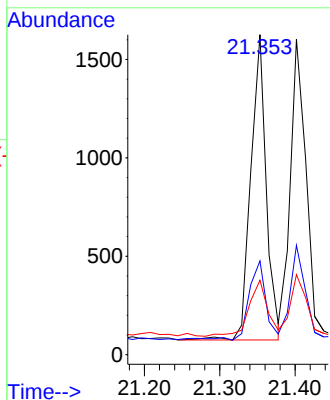
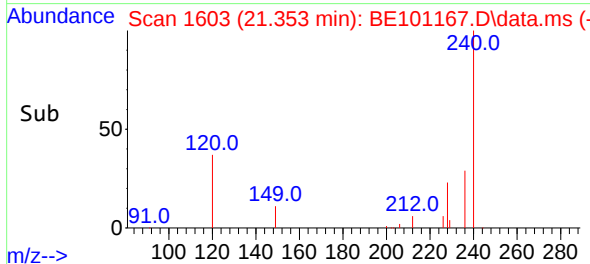
Instrument :
BNA_E
ClientSampleId :
RE117D1-20210325



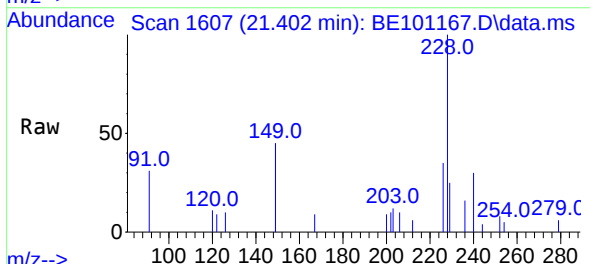
Tgt Ion:228 Resp: 2206
Ion Ratio Lower Upper
228 100
226 29.3 21.8 32.8
229 23.2 15.4 23.0#

Manual Integrations
APPROVED

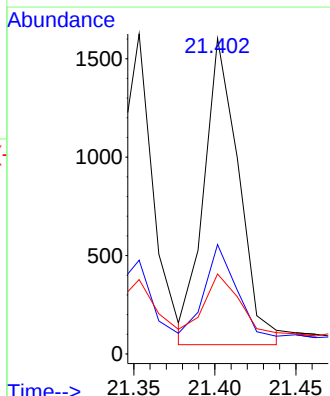
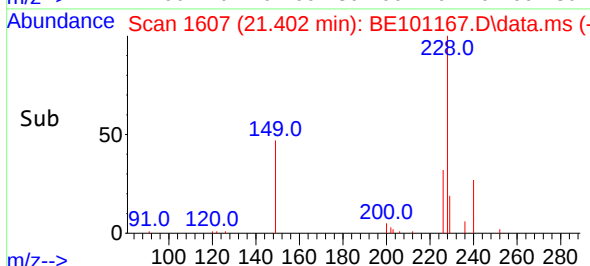
mohammad
4/1/2021 10:52:15 AM

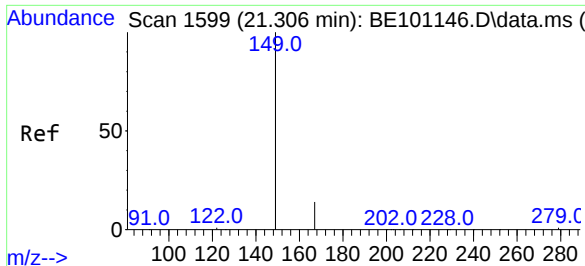


#33
Chrysene
Concen: 0.02 ng m
RT: 21.402 min Scan# 1607
Delta R.T. -0.013 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15



Tgt Ion:228 Resp: 2328
Ion Ratio Lower Upper
228 100
226 34.7 22.8 34.2#
229 25.3 16.2 24.2#





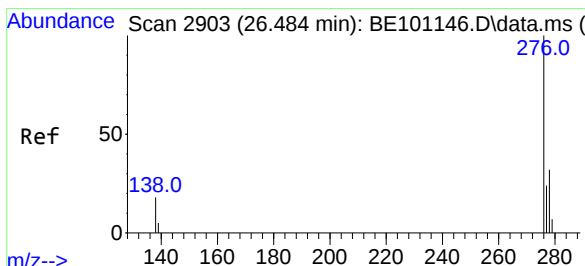
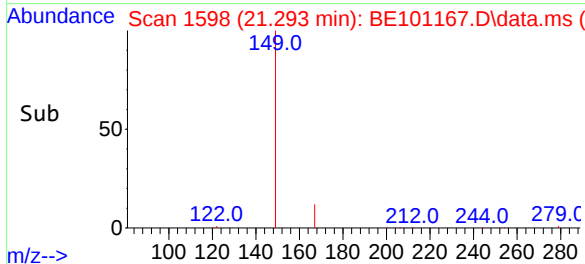
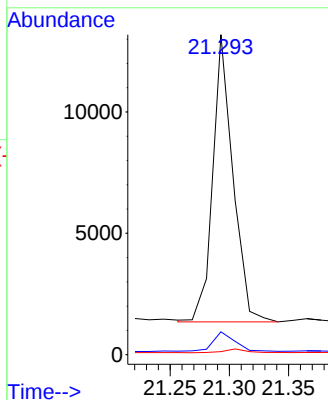
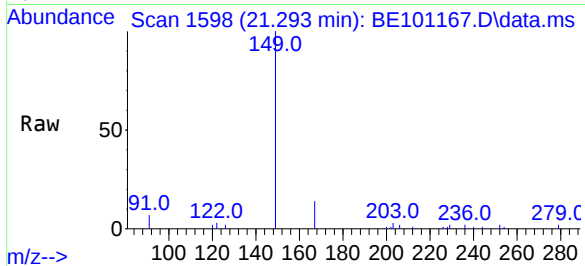
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.23 ng
RT: 21.293 min Scan# 1598
Delta R.T. -0.013 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15

Tgt Ion:149 Resp: 14000
Ion Ratio Lower Upper
149 100
167 7.6 5.4 8.2
279 1.3 0.9 1.3

Instrument :
BNA_E
ClientSampleId :
RE117D1-20210325

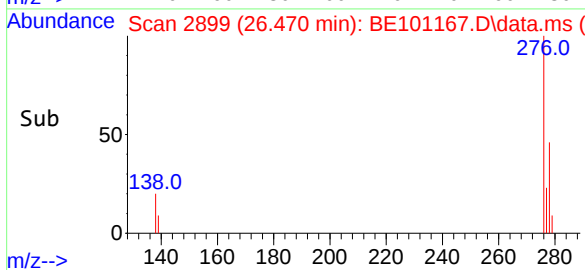
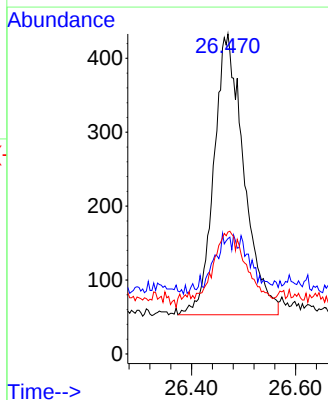
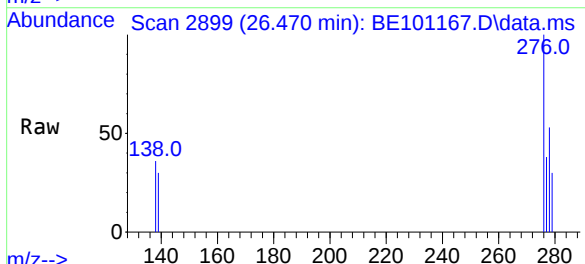
Manual Integrations
APPROVED

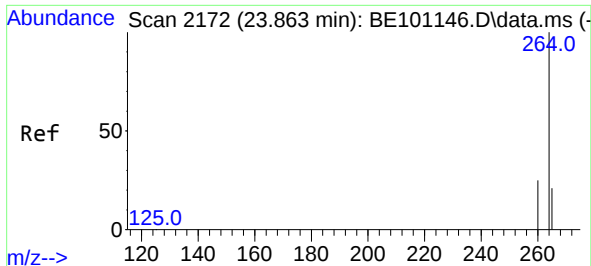
mohammad
4/1/2021 10:52:15 AM



#35
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 26.470 min Scan# 2899
Delta R.T. -0.014 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15

Tgt Ion:276 Resp: 1518
Ion Ratio Lower Upper
276 100
138 6.0 17.1 25.7#
277 24.0 19.8 29.8





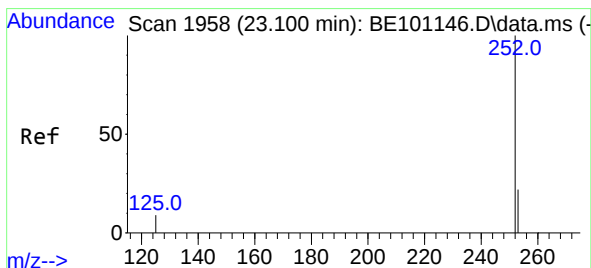
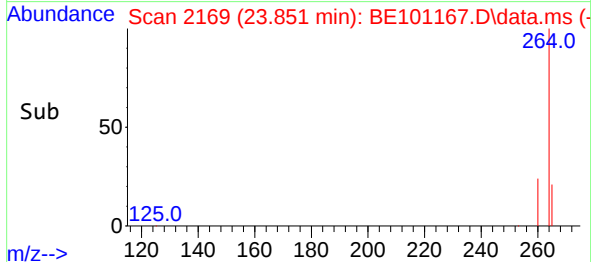
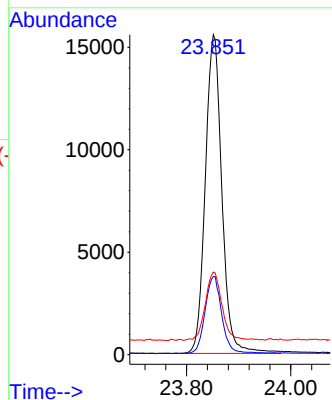
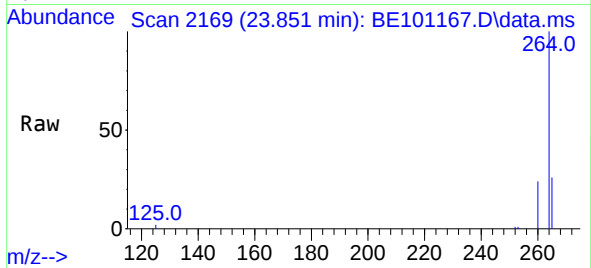
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.851 min Scan# 2169
Delta R.T. -0.012 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15

Tgt Ion:264	Resp:	34328
Ion Ratio	Lower	Upper
264	100	
260	24.4	20.5 30.7
265	25.8	20.6 30.8

Instrument :
BNA_E
ClientSampleId :
RE117D1-20210325

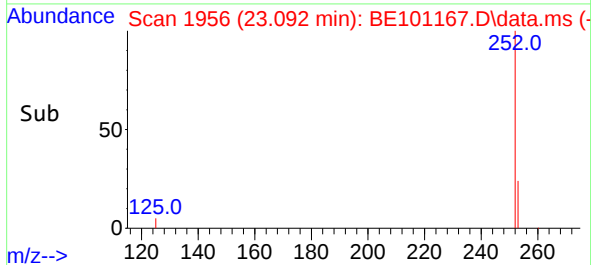
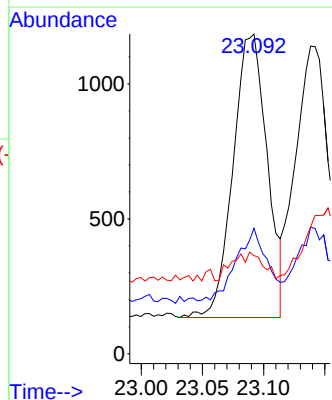
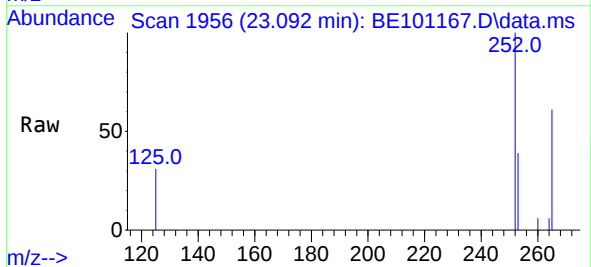
Manual Integrations
APPROVED

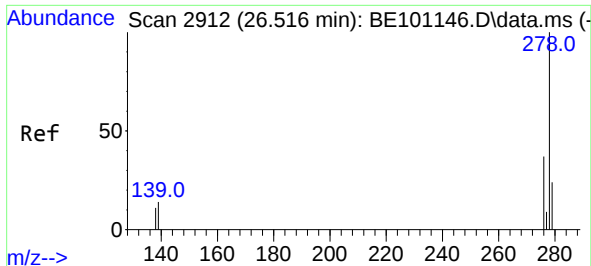
mohammad
4/1/2021 10:52:15 AM



#37
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 23.092 min Scan# 1956
Delta R.T. -0.008 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15

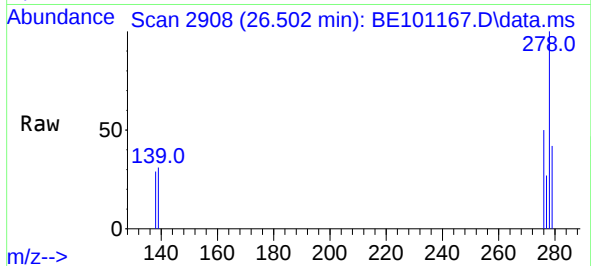
Tgt Ion:252	Resp:	2034
Ion Ratio	Lower	Upper
252	100	
253	39.2	17.8 26.8#
125	30.7	7.5 11.3#





#40
 Dibenzo(a,h)anthracene
 Concen: 0.12 ng
 RT: 26.502 min Scan# 2908
 Delta R.T. -0.014 min
 Lab File: BE101167.D
 Acq: 31 Mar 2021 18:15

Instrument :
 BNA_E
 ClientSampleId :
 RE117D1-20210325



Tgt Ion: 278 Resp: 1268
 Ion Ratio Lower Upper
 278 100
 139 31.1 12.0 18.0#
 279 42.0 20.2 30.4#

Manual Integrations
 APPROVED

mohammad
 4/1/2021 10:52:15 AM

