

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061621\
 Data File : BP005950.D
 Acq On : 16 Jun 2021 14:46
 Operator : CG/JU
 Sample : M2678-06RX
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 0239-AMND-COMP-D(CL-01A)RX

Manual Integrations
 APPROVED

mohammad
 6/17/2021 12:16:23 PM

Quant Time: Jun 16 15:20:32 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 16 11:35:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	67979	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	255063	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	162286	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	356685	20.000	ng	0.00
76) Chrysene-d12	21.374	240	438026	20.000	ng	0.00
86) Perylene-d12	23.786	264	503102	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	12486	2.947	ng	0.00
7) Phenol-d6	7.105	99	236669	43.101	ng	0.00
23) Nitrobenzene-d5	9.093	82	303654	58.367	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	657	0.236	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	662911	53.639	ng	0.00
79) Terphenyl-d14	19.851	244	1151879	49.241	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.304	202	69563	2.674	ng	99
78) Pyrene	19.657	202	83427	2.728	ng	99
81) Benzo(a)anthracene	21.363	228	78431	2.480	ng	97
83) Chrysene	21.410	228	71993m	2.351	ng	
88) Benzo(b)fluoranthene	23.051	252	97898m	2.841	ng	
90) Benzo(a)pyrene	23.680	252	76144	2.350	ng	# 95

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

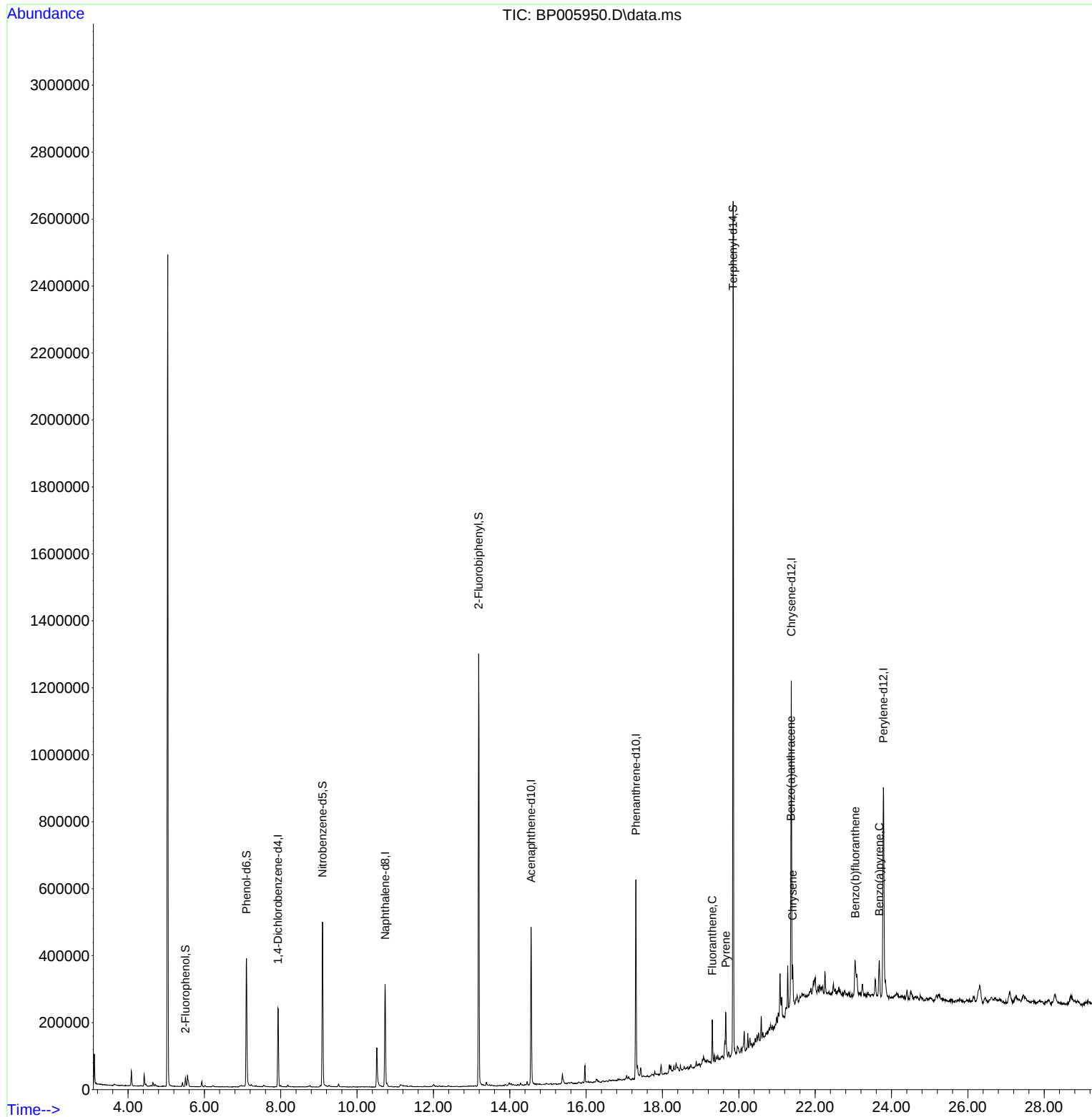
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061621\
Data File : BP005950.D
Acq On : 16 Jun 2021 14:46
Operator : CG/JU
Sample : M2678-06RX
Misc :
ALS Vial : 9 Sample Multiplier: 1

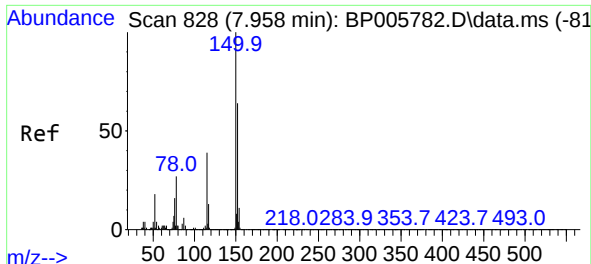
Instrument :
BNA_P
ClientSampleId :
0239-AMND-COMP-D(CL-01A)RX

Manual Integrations
APPROVED

mohammad
6/17/2021 12:16:23 PM

Quant Time: Jun 16 15:20:32 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 16 11:35:30 2021
Response via : Initial Calibration





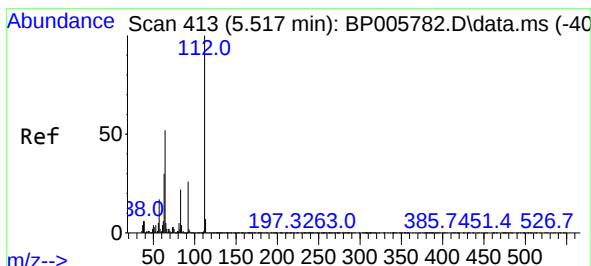
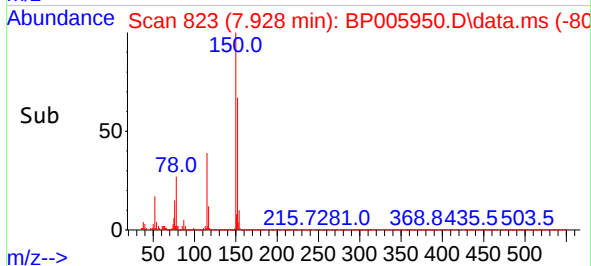
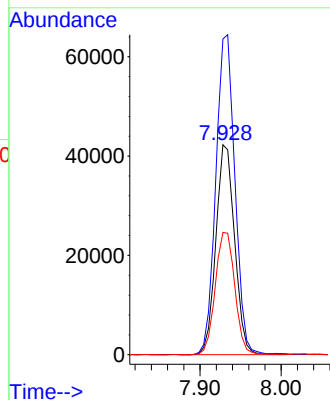
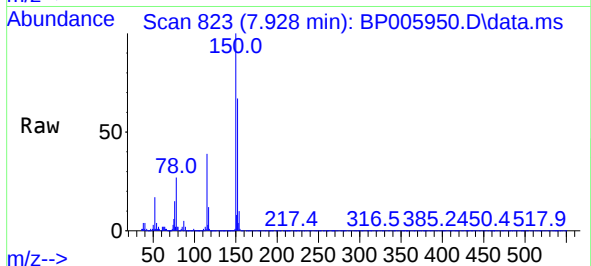
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

Tgt Ion:152 Resp: 67979
Ion Ratio Lower Upper
152 100
150 150.3 125.6 188.4
115 58.3 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
0239-AMND-COMP-D(CL-01A)RX

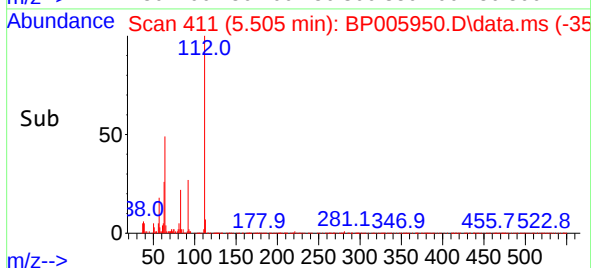
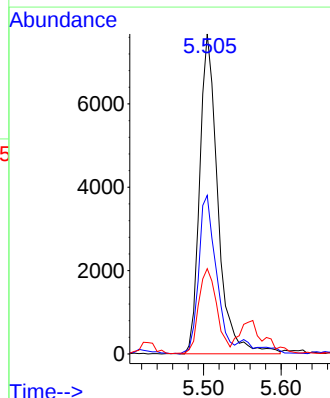
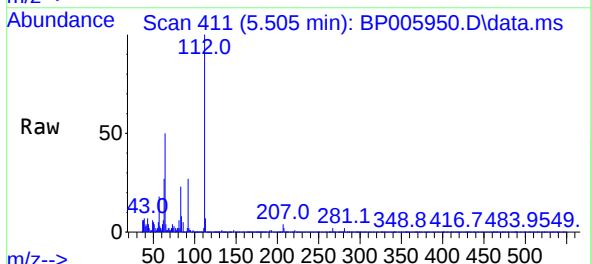
Manual Integrations
APPROVED

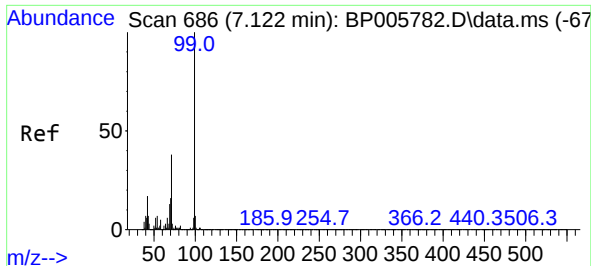
mohammad
6/17/2021 12:16:23 PM



#5
2-Fluorophenol
Concen: 2.947 ng
RT: 5.505 min Scan# 411
Delta R.T. 0.006 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

Tgt Ion:112 Resp: 12486
Ion Ratio Lower Upper
112 100
64 49.6 41.4 62.2
63 26.7 23.8 35.8





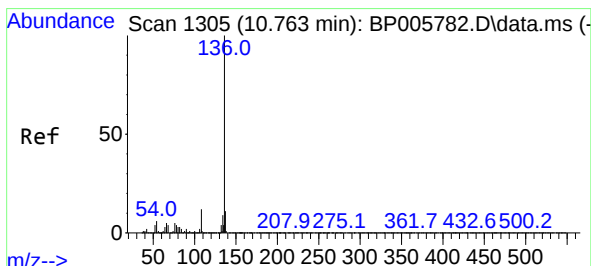
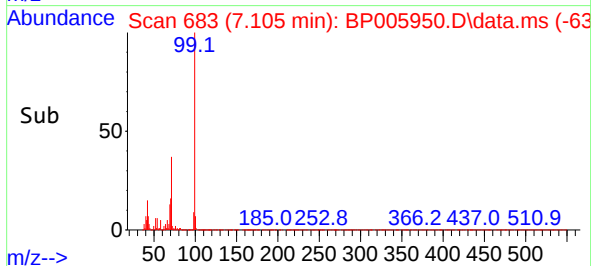
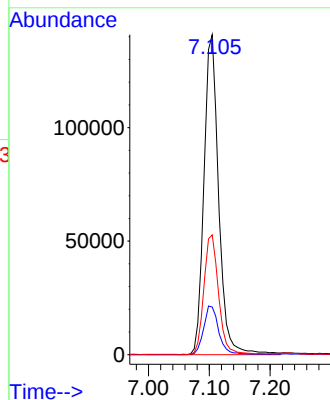
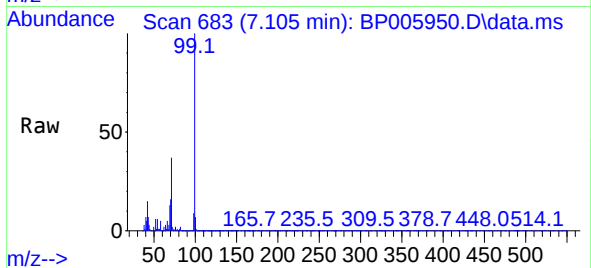
#7
Phenol-d6
Concen: 43.101 ng
RT: 7.105 min Scan# 683
Delta R.T. 0.000 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

Tgt Ion: 99 Resp: 236669
Ion Ratio Lower Upper
99 100
42 14.9 13.4 20.0
71 37.5 30.6 46.0

Instrument :
BNA_P
ClientSampleId :
0239-AMND-COMP-D(CL-01A)RX

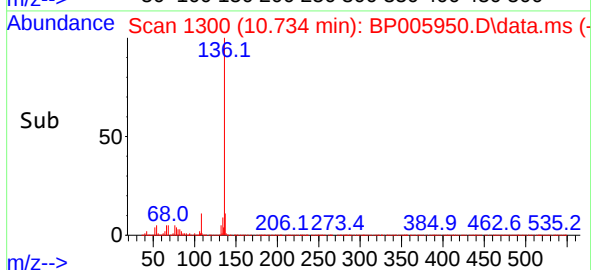
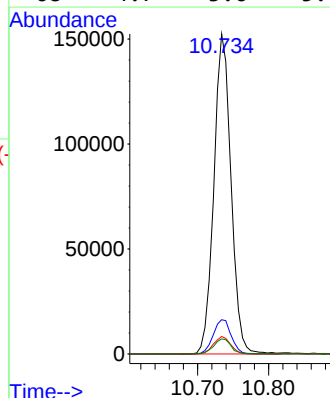
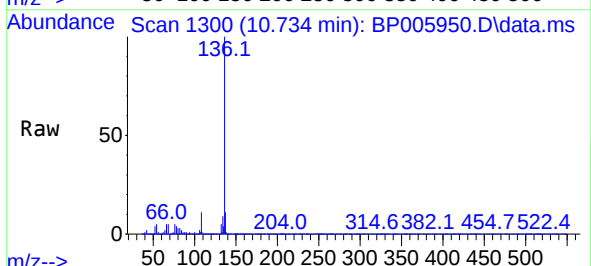
Manual Integrations
APPROVED

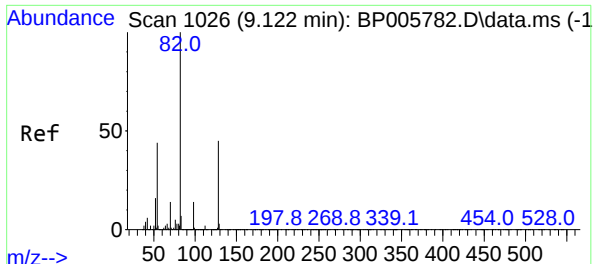
mohammad
6/17/2021 12:16:23 PM



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

Tgt Ion: 136 Resp: 255063
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 5.4 4.6 6.8
68 4.7 3.6 5.4





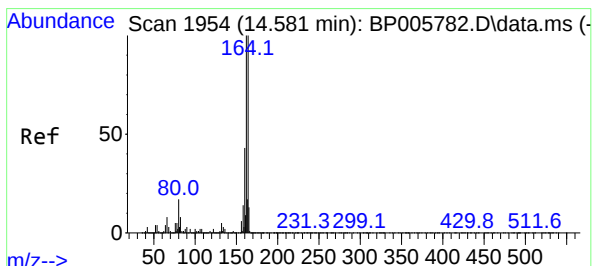
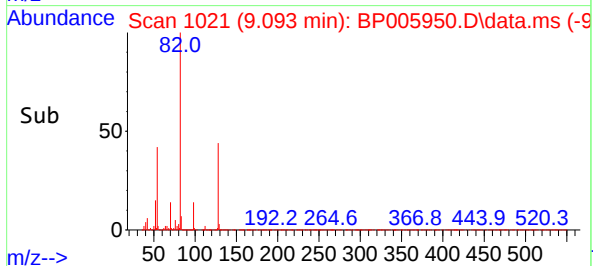
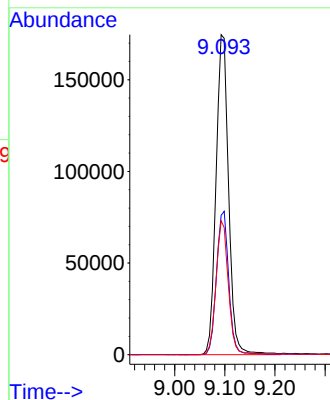
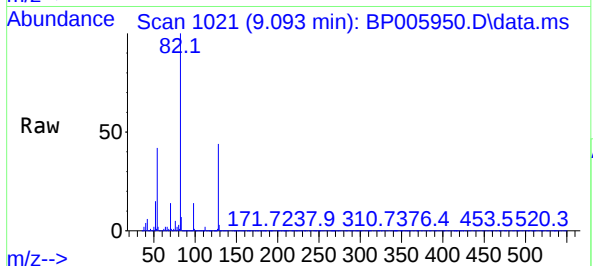
#23
Nitrobenzene-d5
Concen: 58.367 ng
RT: 9.093 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

Tgt Ion: 82 Resp: 303654
Ion Ratio Lower Upper
82 100
128 43.6 35.7 53.5
54 41.9 35.0 52.4

Instrument :
BNA_P
ClientSampleId :
0239-AMND-COMP-D(CL-01A)RX

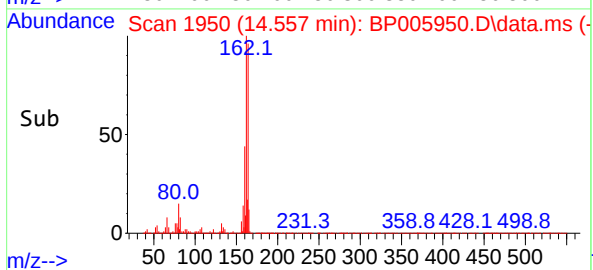
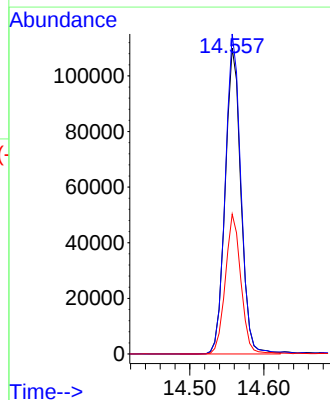
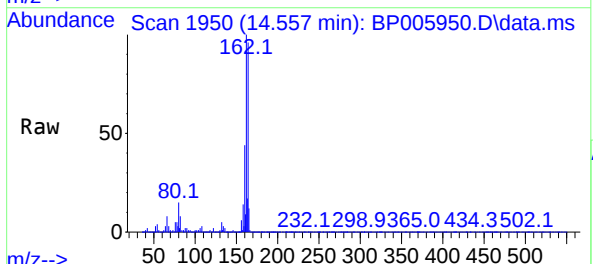
Manual Integrations
APPROVED

mohammad
6/17/2021 12:16:23 PM



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

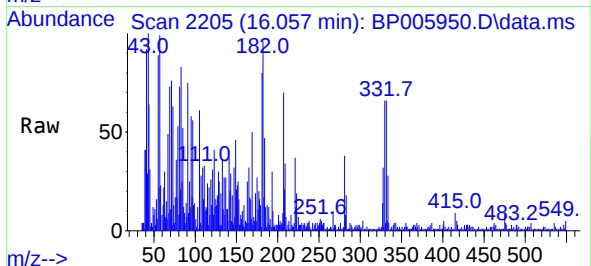
Tgt Ion: 164 Resp: 162286
Ion Ratio Lower Upper
164 100
162 104.6 80.2 120.2
160 45.7 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 0.236 ng
RT: 16.057 min Scan# 2205
Delta R.T. 0.006 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

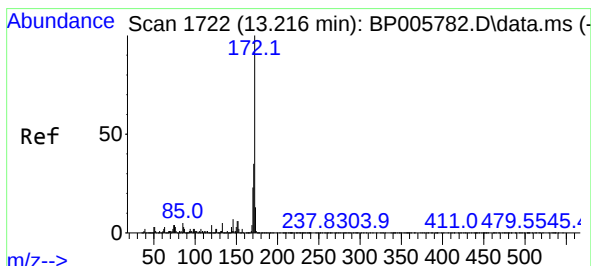
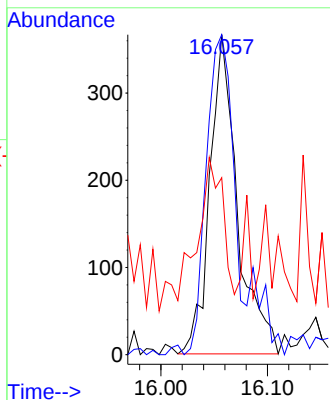
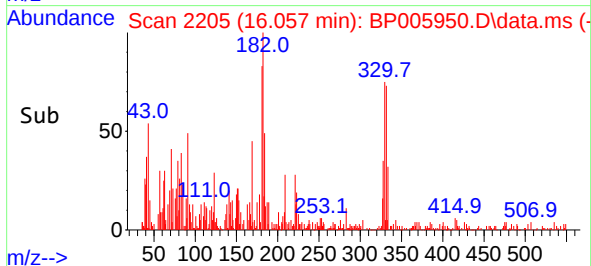
Instrument :
BNA_P
ClientSampleId :
0239-AMND-COMP-D(CL-01A)RX



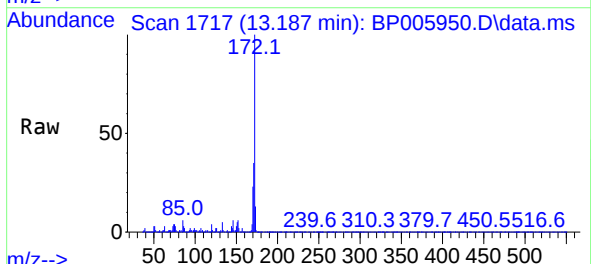
Tgt Ion: 330 Resp: 657
Ion Ratio Lower Upper
330 100
332 99.8 77.8 116.8
141 37.4 25.4 38.2

Manual Integrations
APPROVED

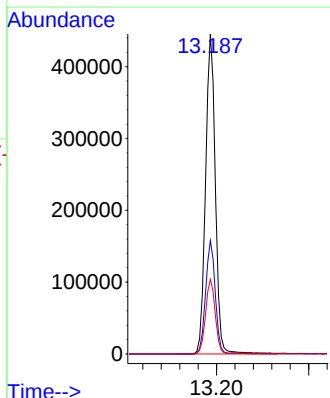
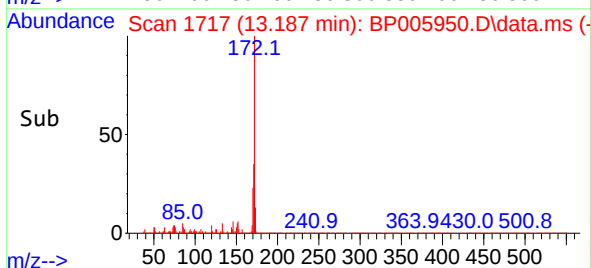
mohammad
6/17/2021 12:16:23 PM

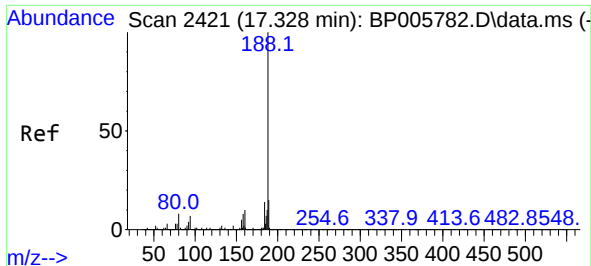


#45
2-Fluorobiphenyl
Concen: 53.639 ng
RT: 13.187 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46



Tgt Ion: 172 Resp: 662911
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.3 18.6 27.8





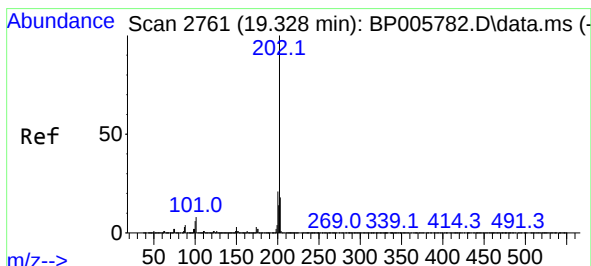
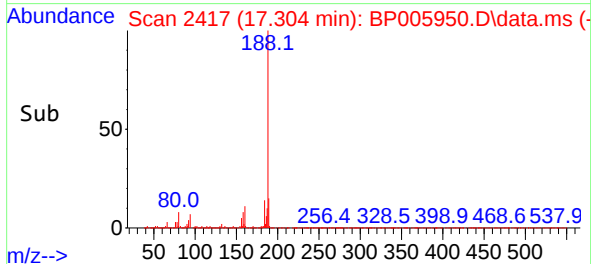
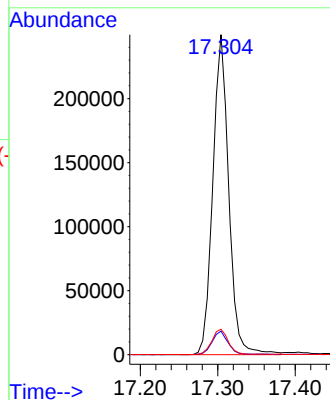
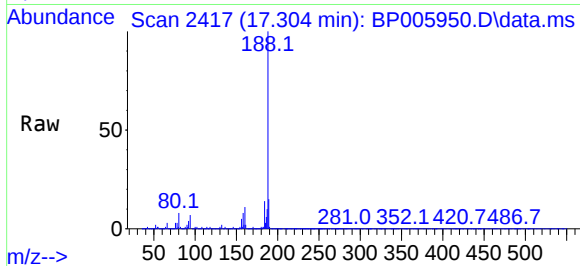
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

Tgt Ion:188 Resp: 356685
Ion Ratio Lower Upper
188 100
94 7.3 5.6 8.4
80 7.9 6.3 9.5

Instrument :
BNA_P
ClientSampleId :
0239-AMND-COMP-D(CL-01A)RX

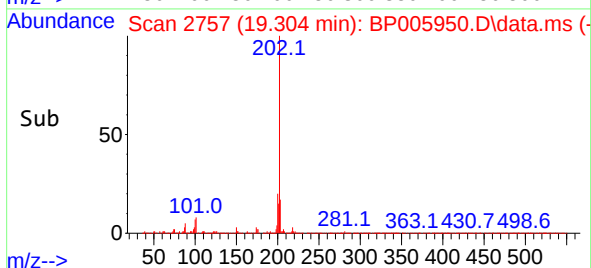
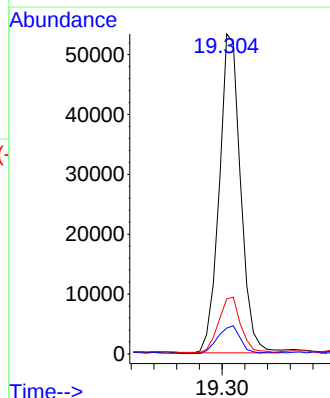
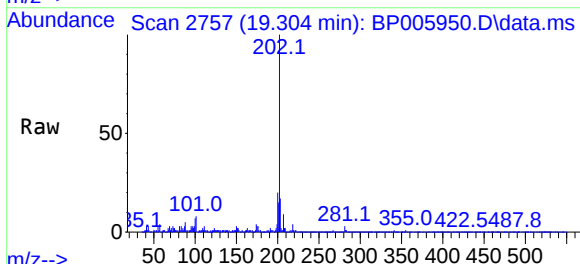
Manual Integrations
APPROVED

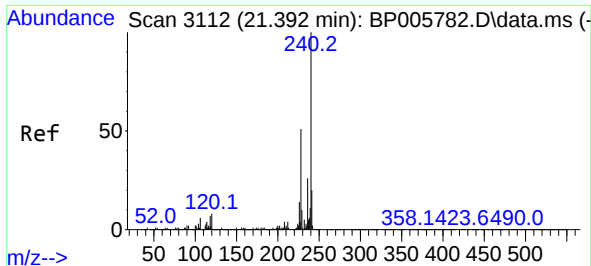
mohammad
6/17/2021 12:16:23 PM



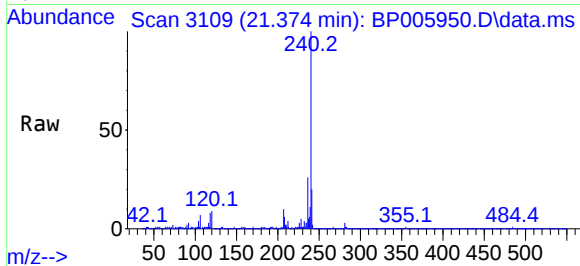
#75
Fluoranthene
Concen: 2.674 ng
RT: 19.304 min Scan# 2757
Delta R.T. -0.006 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

Tgt Ion:202 Resp: 69563
Ion Ratio Lower Upper
202 100
101 8.1 0.0 27.6
203 17.2 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.374 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

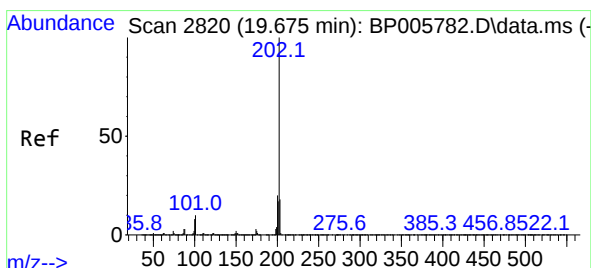
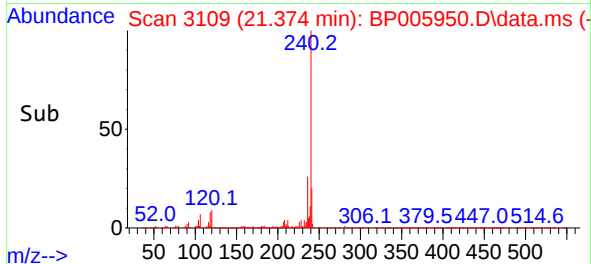
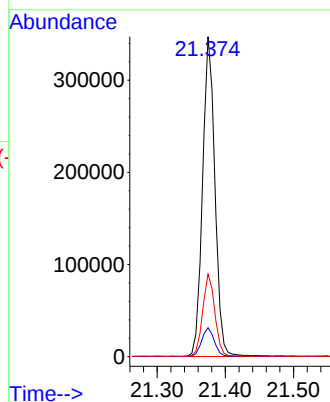


Tgt Ion:240 Resp: 438026
Ion Ratio Lower Upper
240 100
120 9.0 6.5 9.7
236 25.8 20.6 31.0

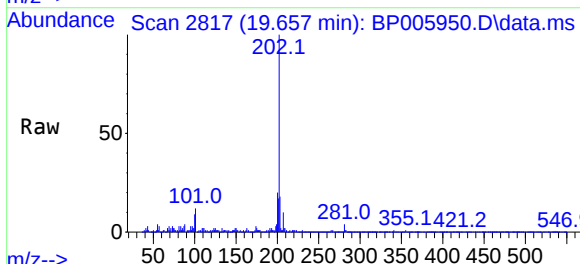
Instrument :
BNA_P
ClientSampleId :
0239-AMND-COMP-D(CL-01A)RX

Manual Integrations
APPROVED

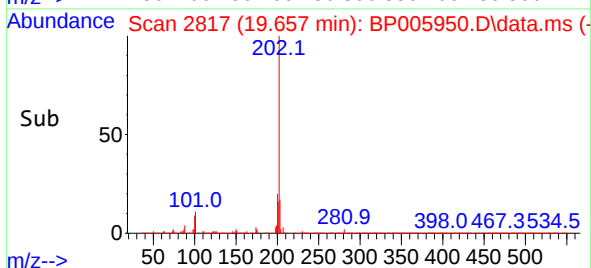
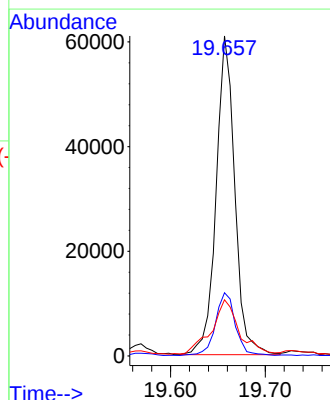
mohammad
6/17/2021 12:16:23 PM

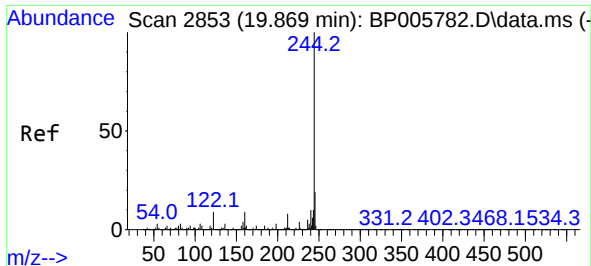


#78
Pyrene
Concen: 2.728 ng
RT: 19.657 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46



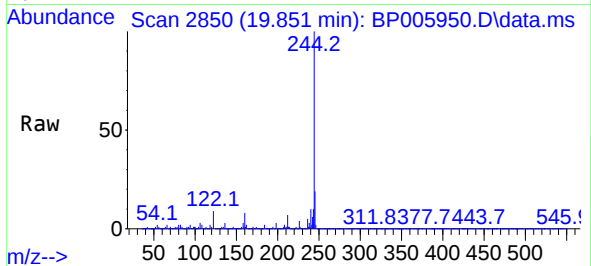
Tgt Ion:202 Resp: 83427
Ion Ratio Lower Upper
202 100
200 19.7 16.3 24.5
203 17.5 14.2 21.2





#79
Terphenyl-d14
Concen: 49.241 ng
RT: 19.851 min Scan# 2850
Delta R.T. -0.006 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

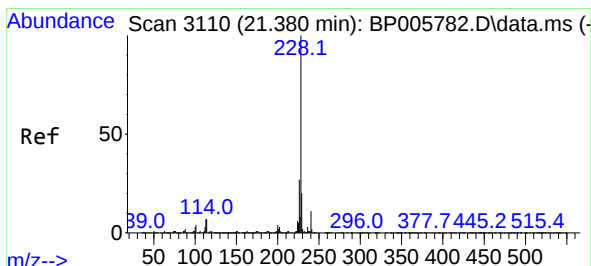
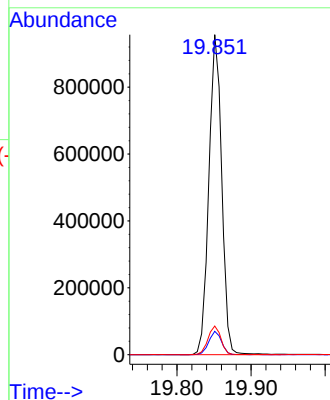
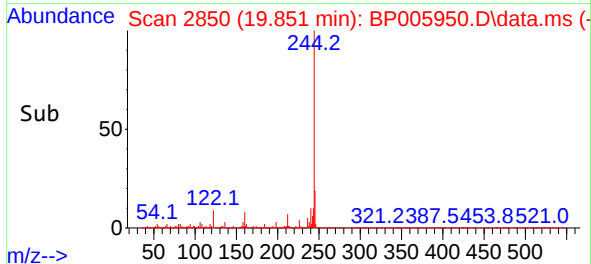
Instrument :
BNA_P
ClientSampleId :
0239-AMND-COMP-D(CL-01A)RX



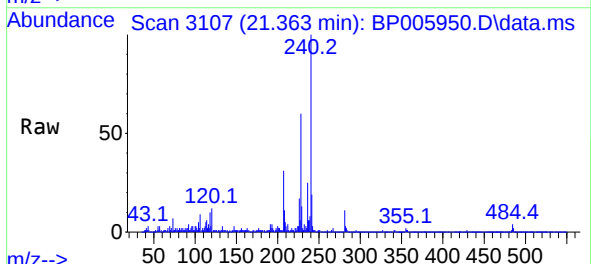
Tgt Ion:244 Resp: 1151879
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 8.9 7.1 10.7

Manual Integrations
APPROVED

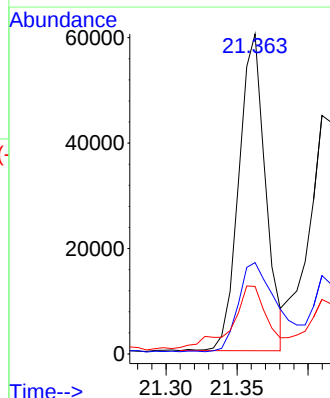
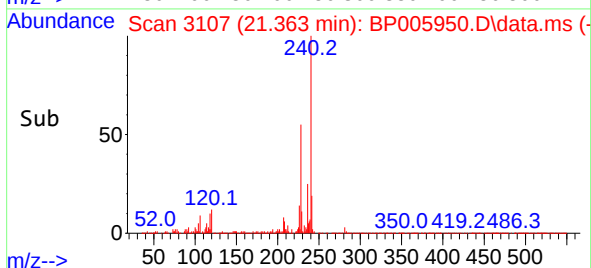
mohammad
6/17/2021 12:16:23 PM

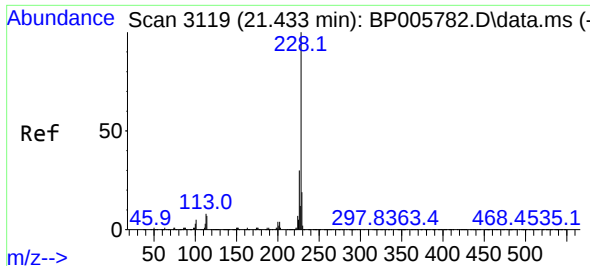


#81
Benzo(a)anthracene
Concen: 2.480 ng
RT: 21.363 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

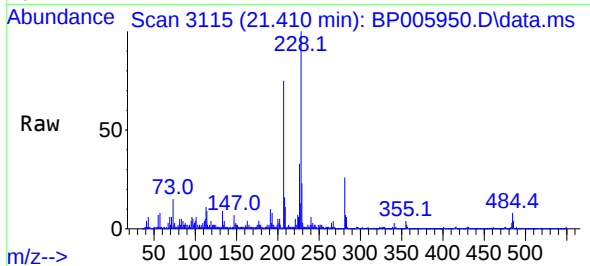


Tgt Ion:228 Resp: 78431
Ion Ratio Lower Upper
228 100
226 28.6 21.6 32.4
229 21.1 15.8 23.6

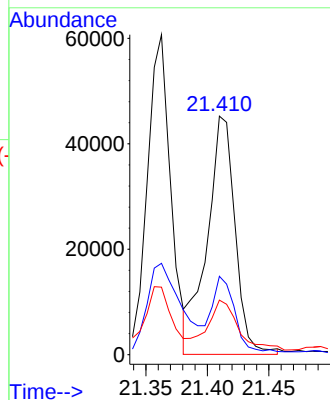




#83
Chrysene
Concen: 2.351 ng m
RT: 21.410 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46



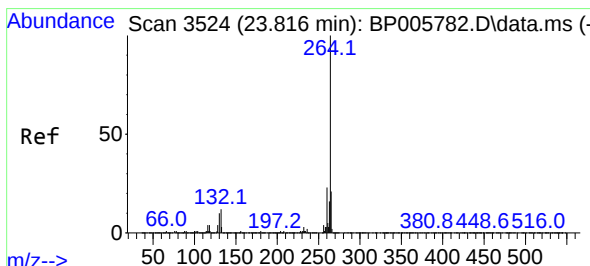
Tgt Ion:	228	Resp:	71993
Ion Ratio	Lower	Upper	
228	100		
226	32.8	23.8	35.6
229	22.9	15.4	23.2



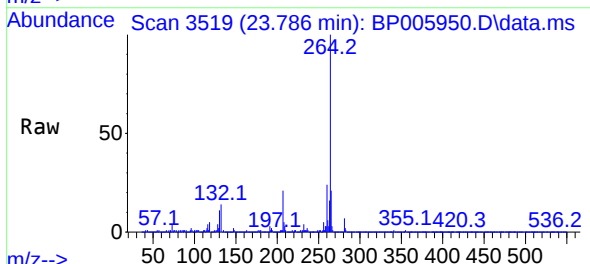
Instrument :
BNA_P
ClientSampleId :
0239-AMND-COMP-D(CL-01A)RX

Manual Integrations
APPROVED

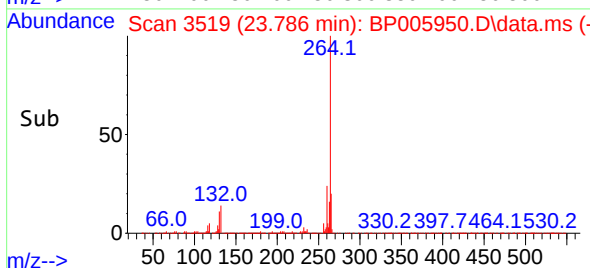
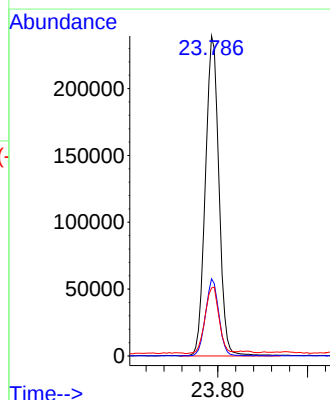
mohammad
6/17/2021 12:16:23 PM

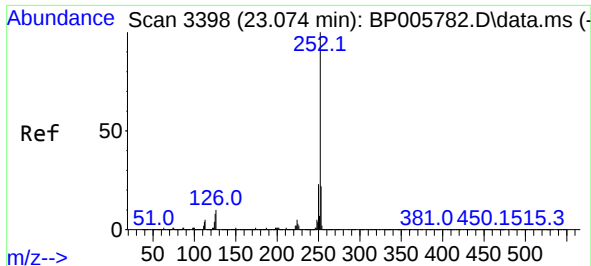


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.786 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46



Tgt Ion:	264	Resp:	503102
Ion Ratio	Lower	Upper	
264	100		
260	24.1	18.6	28.0
265	21.3	17.6	26.4





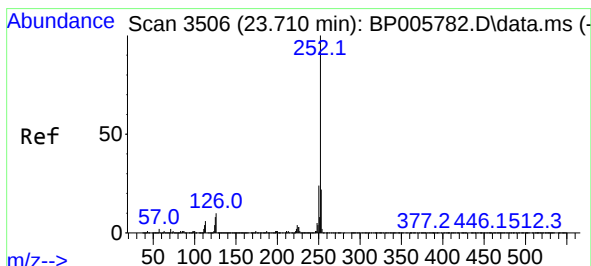
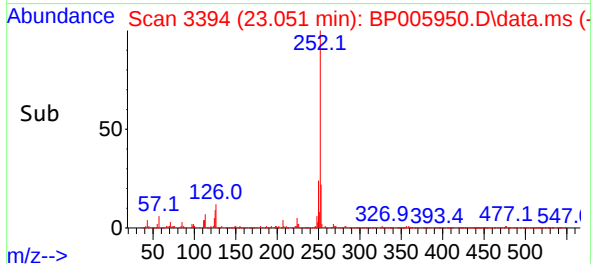
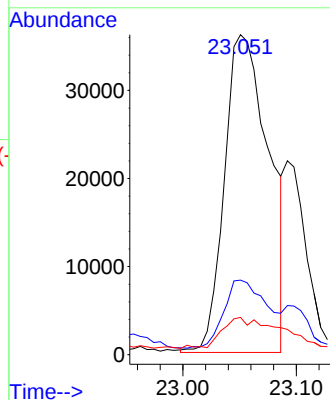
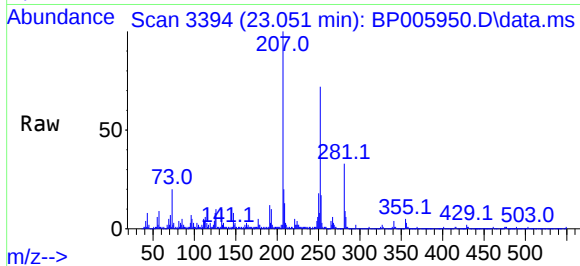
#88
Benzo(b)fluoranthene
Concen: 2.841 ng m
RT: 23.051 min Scan# 3394
Delta R.T. -0.006 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

Tgt Ion:252 Resp: 97898
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 11.6 6.2 9.4#

Instrument :
BNA_P
ClientSampleId :
0239-AMND-COMP-D(CL-01A)RX

Manual Integrations
APPROVED

mohammad
6/17/2021 12:16:23 PM



#90
Benzo(a)pyrene
Concen: 2.350 ng
RT: 23.680 min Scan# 3501
Delta R.T. -0.006 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

Tgt Ion:252 Resp: 76144
Ion Ratio Lower Upper
252 100
253 24.7 17.9 26.9
125 10.7 6.5 9.7#

