

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061621\
 Data File : BP005951.D
 Acq On : 16 Jun 2021 15:20
 Operator : CG/JU
 Sample : M2678-07RX
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 0241-AMND-COMP-F(CL-05)RX

Manual Integrations
 APPROVED

mohammad
 6/17/2021 12:16:26 PM

Quant Time: Jun 16 16:05:51 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	7.934	152	75796	20.00	ng	0.00
21) Naphthalene-d8	10.734	136	291539	20.00	ng	0.00
39) Acenaphthene-d10	14.557	164	186323	20.00	ng	0.00
64) Phenanthrene-d10	17.304	188	391452	20.00	ng	0.00
76) Chrysene-d12	21.374	240	459569	20.00	ng	0.00
86) Perylene-d12	23.786	264	529984	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	4144	0.88	ng	0.00
7) Phenol-d6	7.105	99	88710	14.49	ng	0.00
23) Nitrobenzene-d5	9.099	82	356580	59.96	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	680	0.21	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	807290	56.89	ng	0.00
79) Terphenyl-d14	19.851	244	1407812	57.36	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.345	178	230867	9.82	ng	99
72) Anthracene	17.439	178	138245	5.98	ng	99
75) Fluoranthene	19.304	202	721514	25.27	ng	98
78) Pyrene	19.657	202	639233	19.92	ng	99
81) Benzo(a)anthracene	21.357	228	455342	13.73	ng	98
83) Chrysene	21.410	228	397958m	12.39	ng	
87) Indeno(1,2,3-cd)pyrene	26.315	276	223573	4.93	ng	98
88) Benzo(b)fluoranthene	23.051	252	465065	12.81	ng	97
89) Benzo(k)fluoranthene	23.092	252	177959m	5.06	ng	
90) Benzo(a)pyrene	23.680	252	378898	11.10	ng	99
92) Benzo(g,h,i)perylene	27.098	276	195361	5.07	ng	98

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

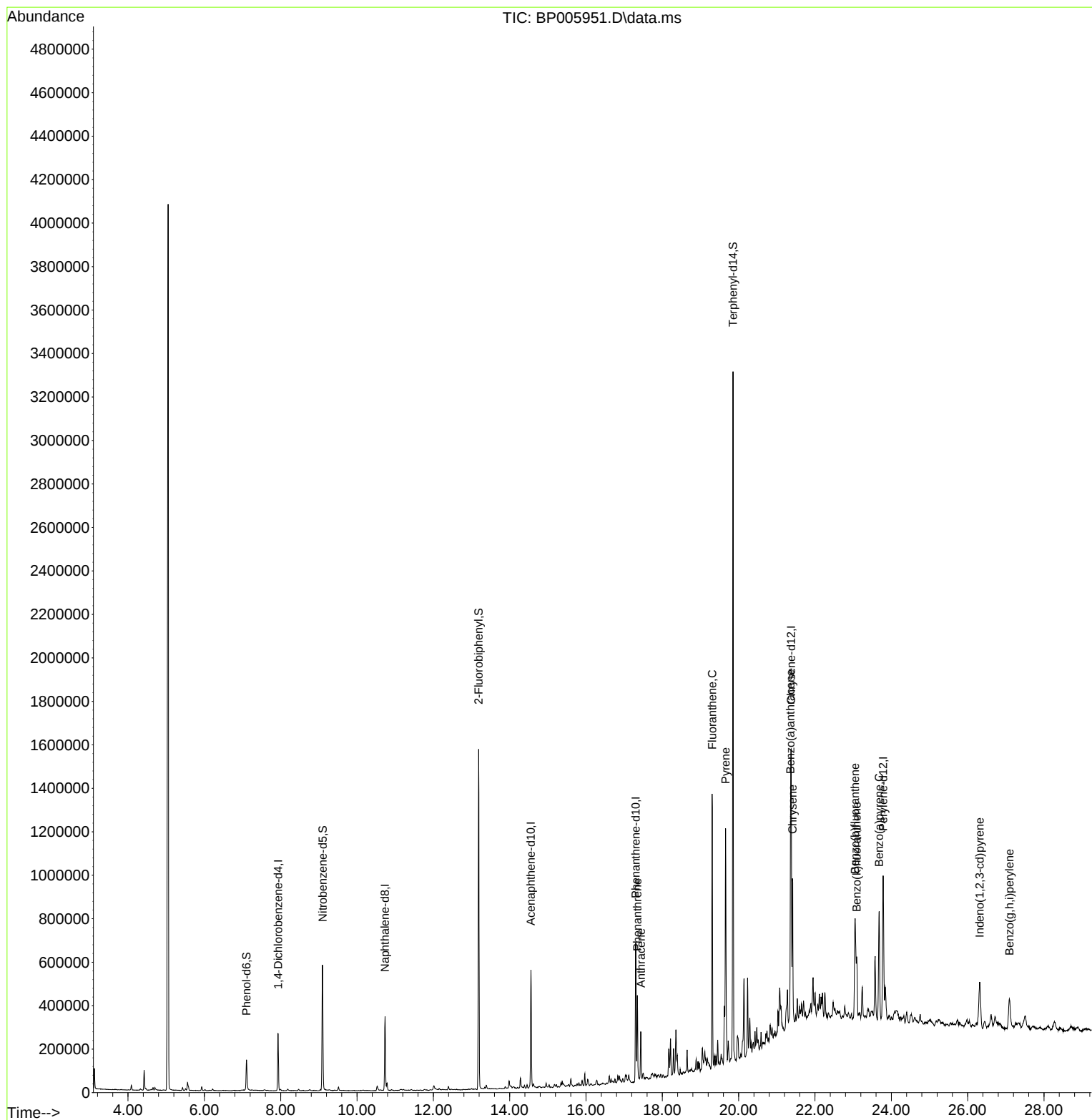
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061621\
Data File : BP005951.D
Acq On : 16 Jun 2021 15:20
Operator : CG/JU
Sample : M2678-07RX
Misc :
ALS Vial : 10 Sample Multiplier: 1

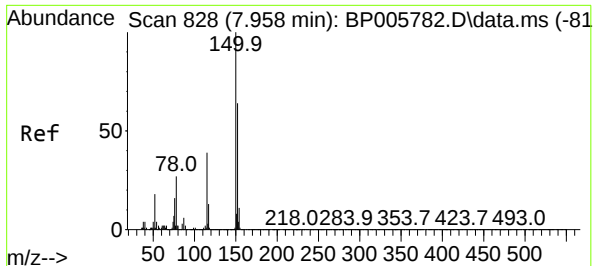
Instrument :
BNA_P
ClientSampleId :
0241-AMND-COMP-F(CL-05)RX

Manual Integrations
APPROVED

mohammad
6/17/2021 12:16:26 PM

Quant Time: Jun 16 16:05:51 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





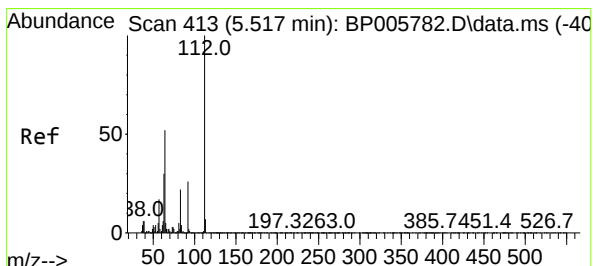
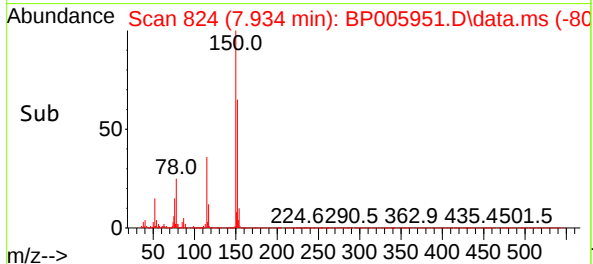
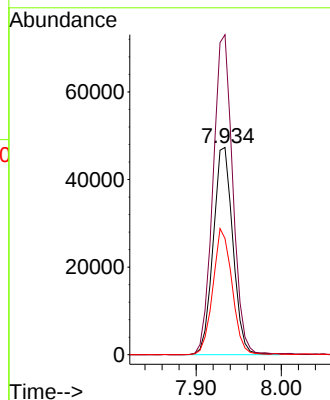
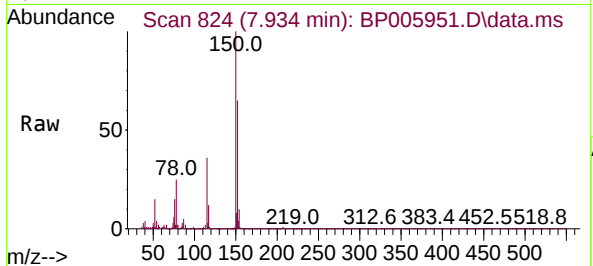
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.934 min Scan# 824
Delta R.T. 0.006 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

Tgt Ion:	152	Resp:	75796
Ion Ratio	Lower	Upper	
152	100		
150	154.5	125.6	188.4
115	56.0	48.5	72.7

Instrument :
BNA_P
ClientSampleId :
0241-AMND-COMP-F(CL-05)RX

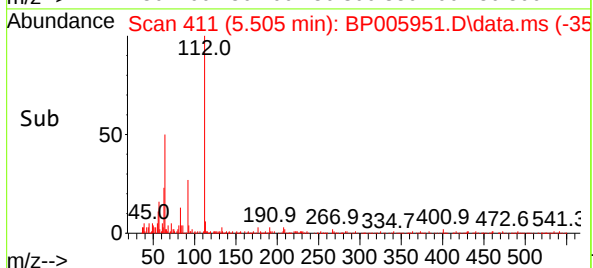
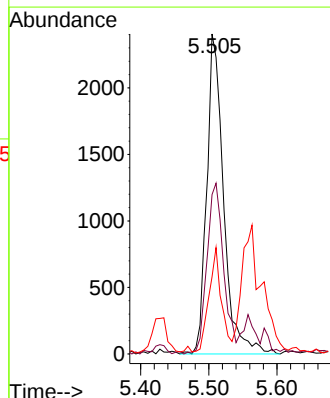
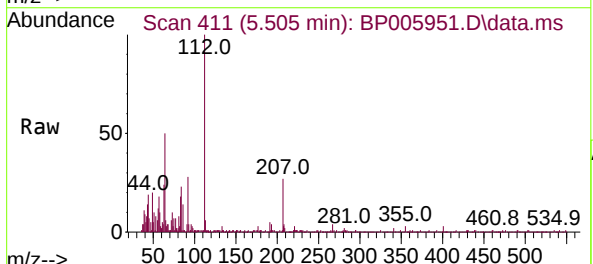
Manual Integrations
APPROVED

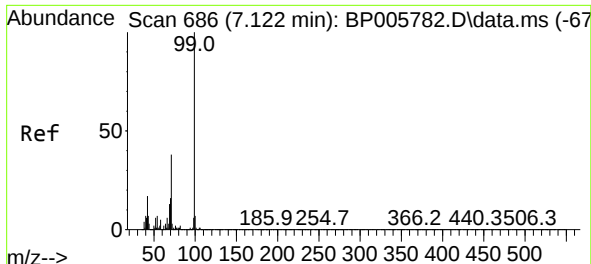
mohammad
6/17/2021 12:16:26 PM



#5
2-Fluorophenol
Concen: 0.88 ng
RT: 5.505 min Scan# 411
Delta R.T. 0.006 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

Tgt Ion:	112	Resp:	4144
Ion Ratio	Lower	Upper	
112	100		
64	49.8	41.4	62.2
63	24.1	23.8	35.8





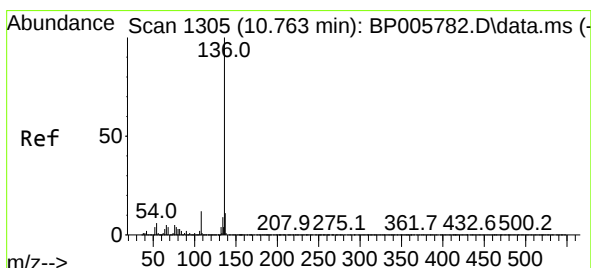
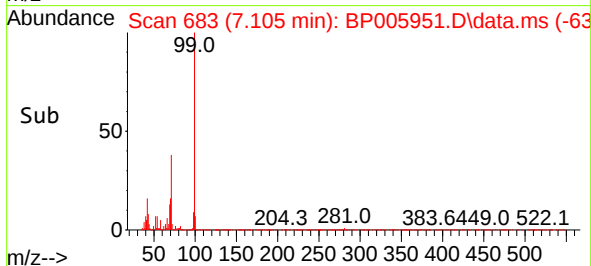
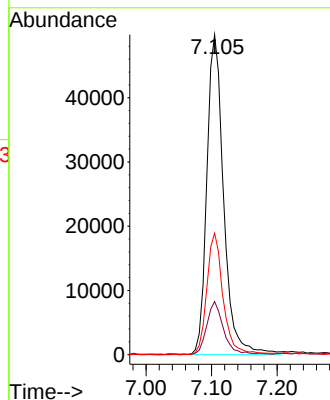
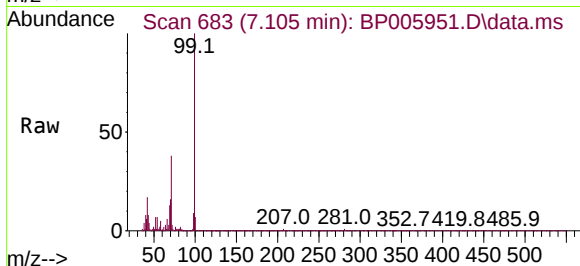
#7
Phenol-d6
Concen: 14.49 ng
RT: 7.105 min Scan# 683
Delta R.T. 0.000 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

Tgt Ion:	99	Resp:	88710
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.4	20.0
71	38.0	30.6	46.0

Instrument :
BNA_P
ClientSampleId :
0241-AMND-COMP-F(CL-05)RX

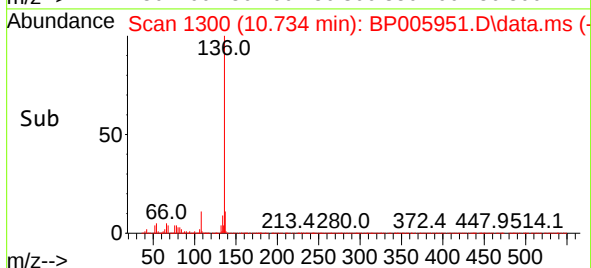
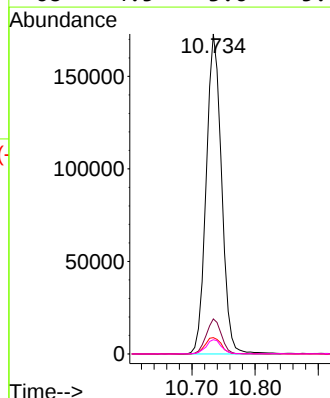
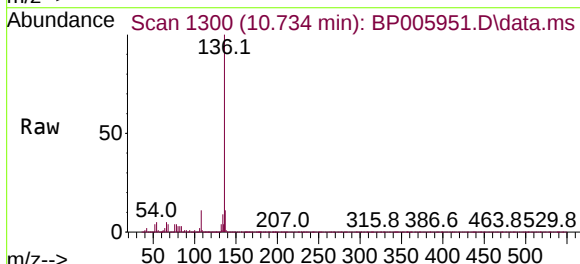
Manual Integrations
APPROVED

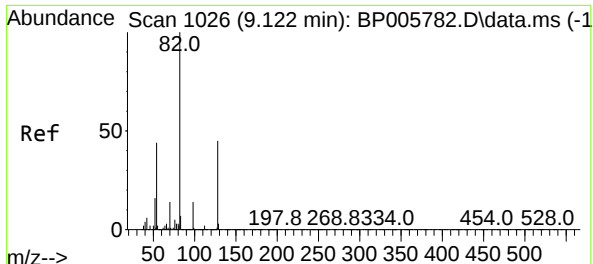
mohammad
6/17/2021 12:16:26 PM



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.734 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

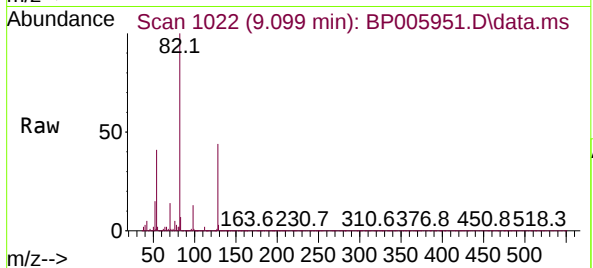
Tgt Ion:	136	Resp:	291539
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	5.1	4.6	6.8
68	4.5	3.6	5.4





#23
Nitrobenzene-d5
Concen: 59.96 ng
RT: 9.099 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

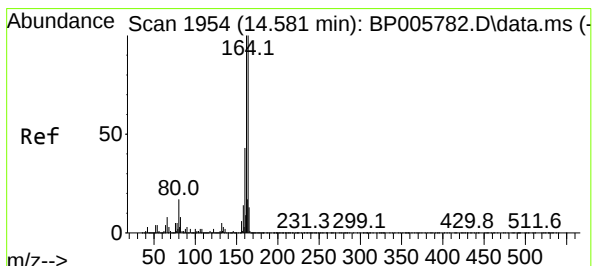
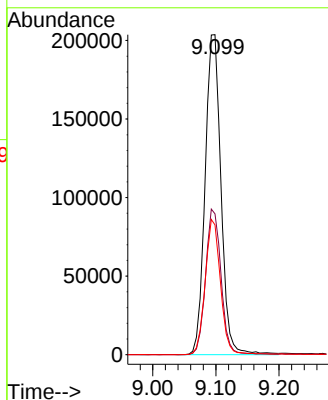
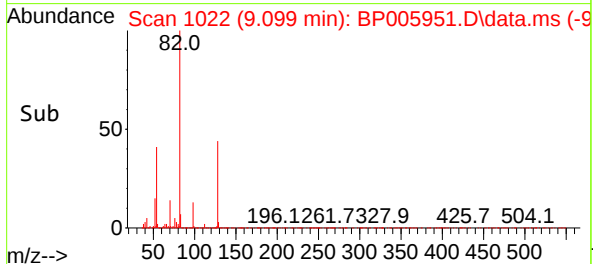
Instrument :
BNA_P
ClientSampleId :
0241-AMND-COMP-F(CL-05)RX



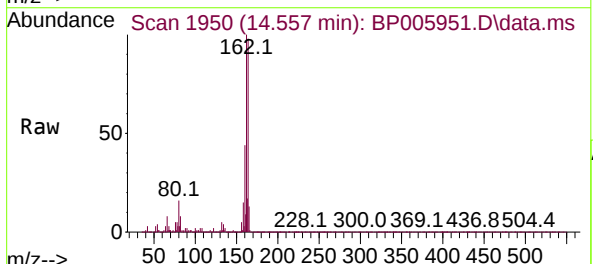
Tgt Ion: 82 Resp: 356580
Ion Ratio Lower Upper
82 100
128 44.0 35.7 53.5
54 40.5 35.0 52.4

Manual Integrations
APPROVED

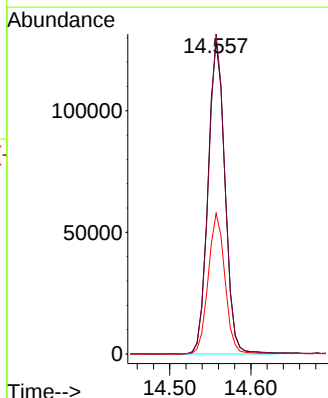
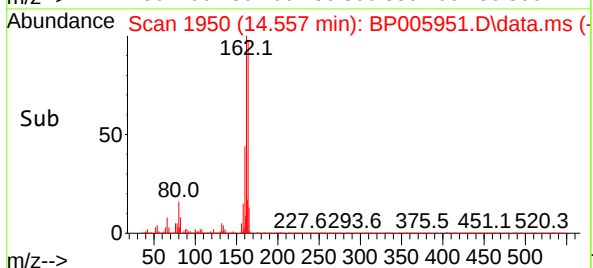
mohammad
6/17/2021 12:16:26 PM

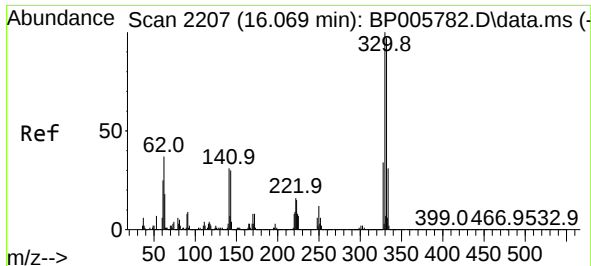


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.557 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20



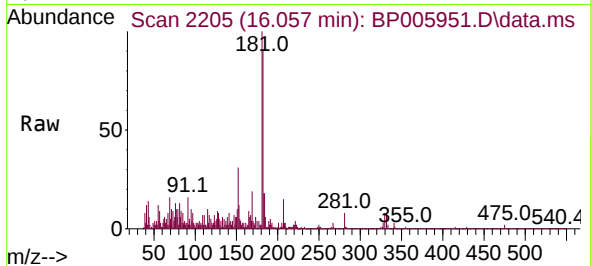
Tgt Ion: 164 Resp: 186323
Ion Ratio Lower Upper
164 100
162 102.5 80.2 120.2
160 45.0 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 0.21 ng
RT: 16.057 min Scan# 2205
Delta R.T. 0.006 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

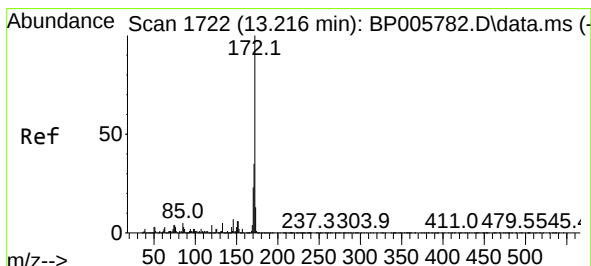
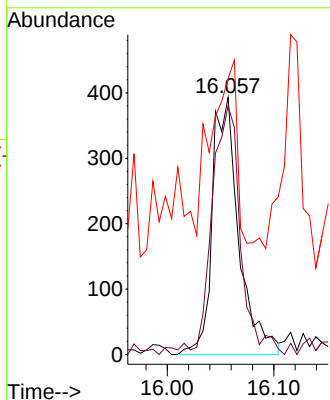
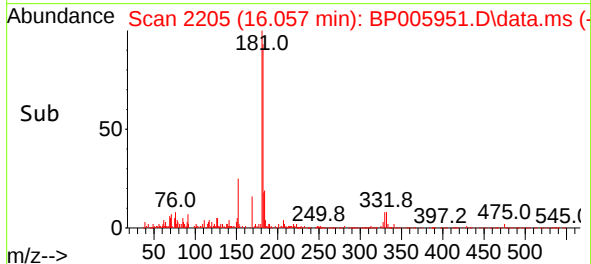
Instrument :
BNA_P
ClientSampleId :
0241-AMND-COMP-F(CL-05)RX



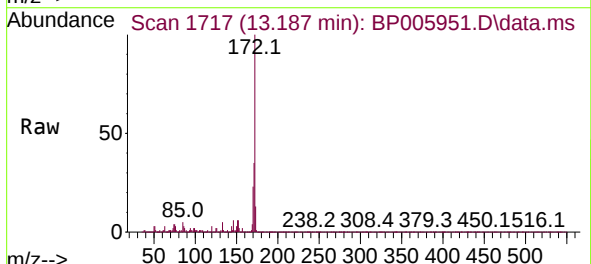
Tgt Ion:330 Resp: 680
Ion Ratio Lower Upper
330 100
332 105.1 77.8 116.8
141 66.5 25.4 38.2#

Manual Integrations
APPROVED

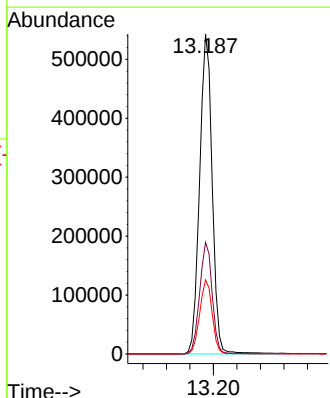
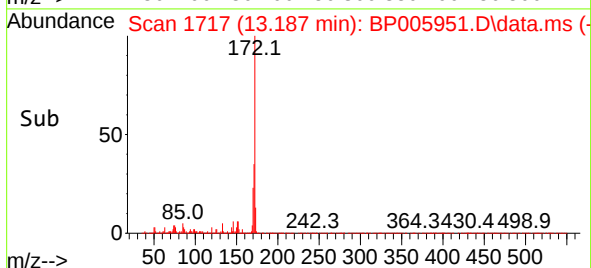
mohammad
6/17/2021 12:16:26 PM

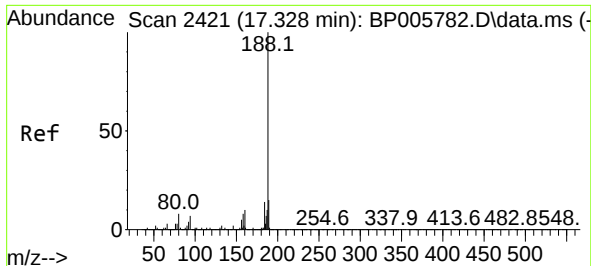


#45
2-Fluorobiphenyl
Concen: 56.89 ng
RT: 13.187 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20



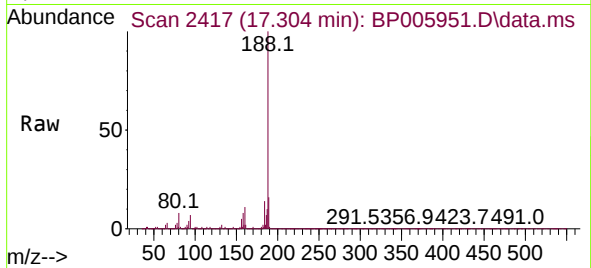
Tgt Ion:172 Resp: 807290
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.2 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.304 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

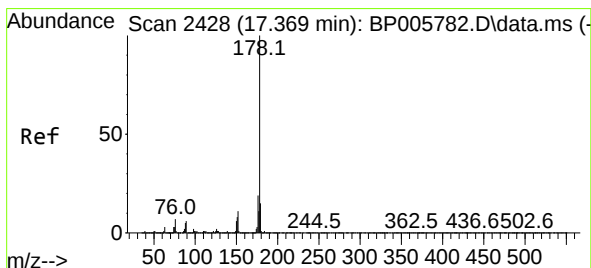
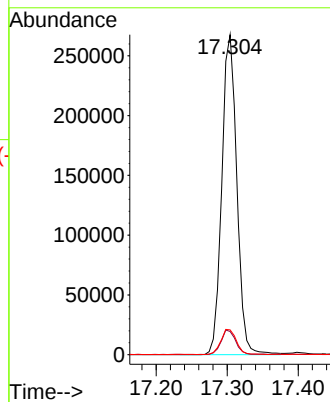
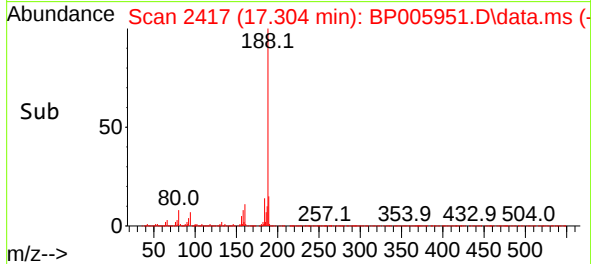
Instrument :
BNA_P
ClientSampleId :
0241-AMND-COMP-F(CL-05)RX



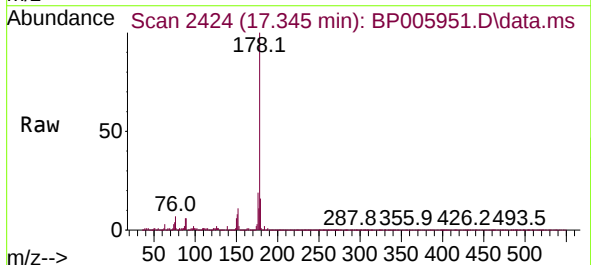
Tgt Ion:188 Resp: 391452
Ion Ratio Lower Upper
188 100
94 7.3 5.6 8.4
80 7.7 6.3 9.5

Manual Integrations
APPROVED

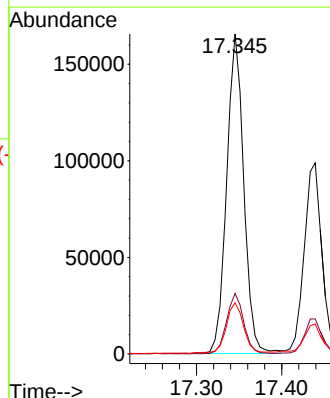
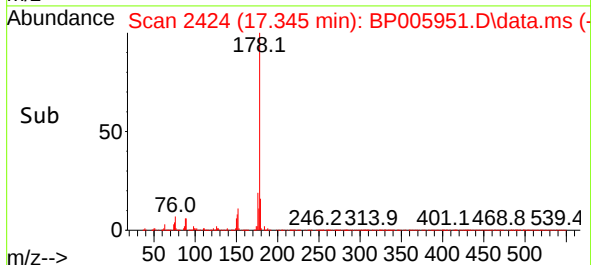
mohammad
6/17/2021 12:16:26 PM

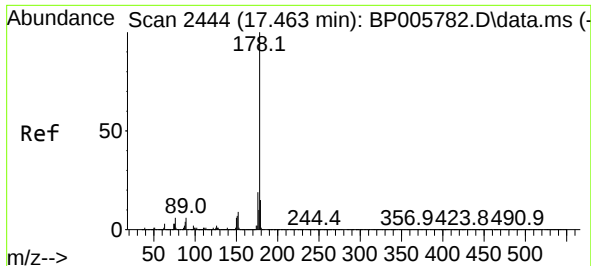


#71
Phenanthrene
Concen: 9.82 ng
RT: 17.345 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20



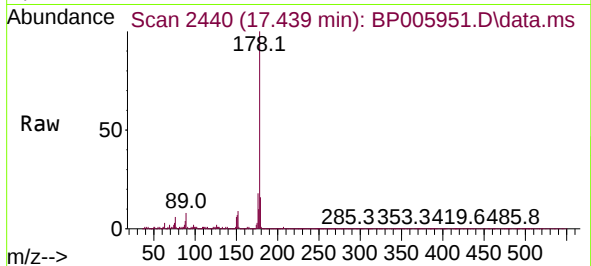
Tgt Ion:178 Resp: 230867
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 16.0 12.4 18.6





#72
 Anthracene
 Concen: 5.98 ng
 RT: 17.439 min Scan# 2440
 Delta R.T. 0.000 min
 Lab File: BP005951.D
 Acq: 16 Jun 2021 15:20

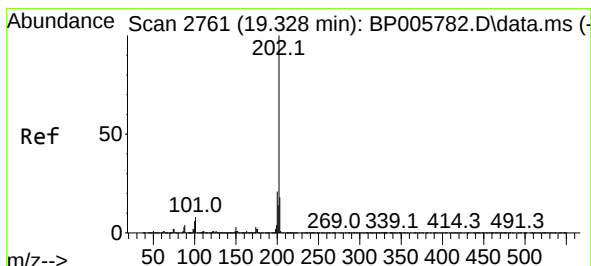
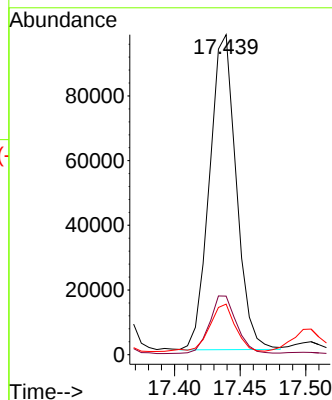
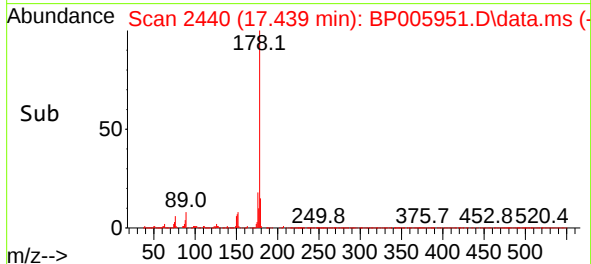
Instrument :
 BNA_P
 ClientSampleId :
 0241-AMND-COMP-F(CL-05)RX



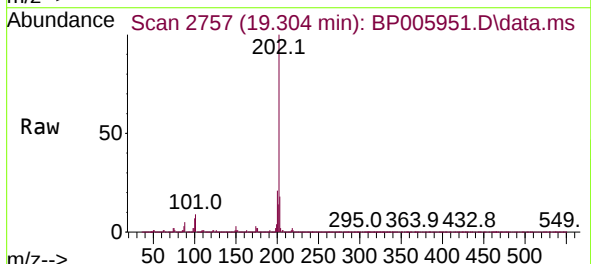
Tgt Ion:178 Resp: 138245
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.9 22.3
 179 15.8 12.2 18.2

Manual Integrations
 APPROVED

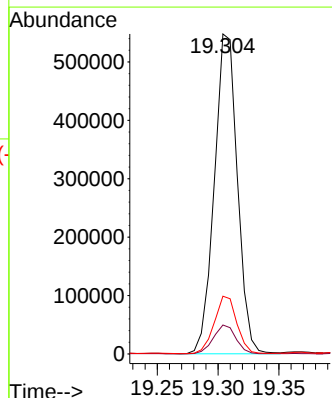
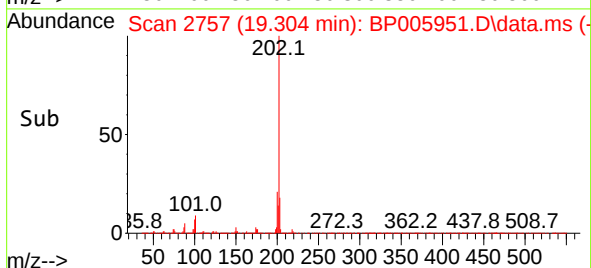
mohammad
 6/17/2021 12:16:26 PM

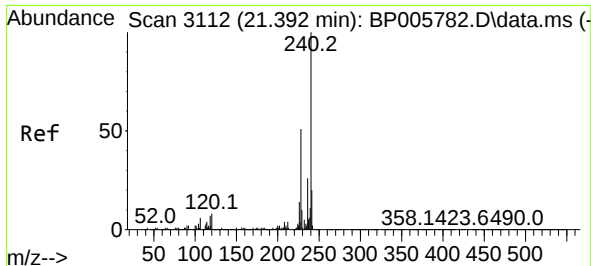


#75
 Fluoranthene
 Concen: 25.27 ng
 RT: 19.304 min Scan# 2757
 Delta R.T. -0.006 min
 Lab File: BP005951.D
 Acq: 16 Jun 2021 15:20



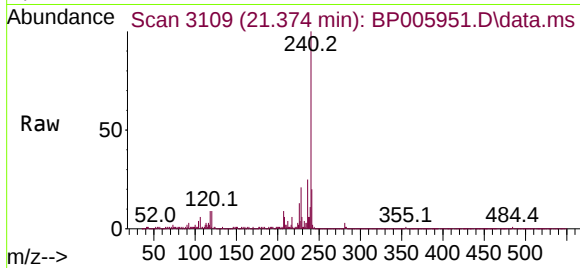
Tgt Ion:202 Resp: 721514
 Ion Ratio Lower Upper
 202 100
 101 9.1 0.0 27.6
 203 18.1 0.0 37.8





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.374 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

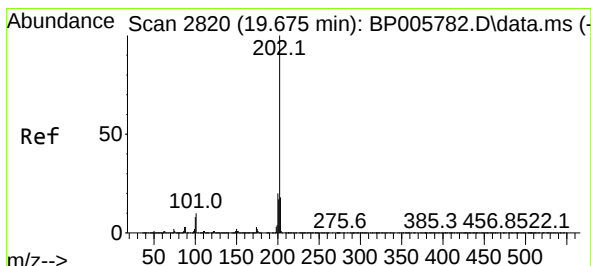
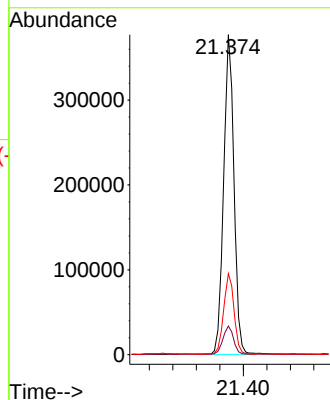
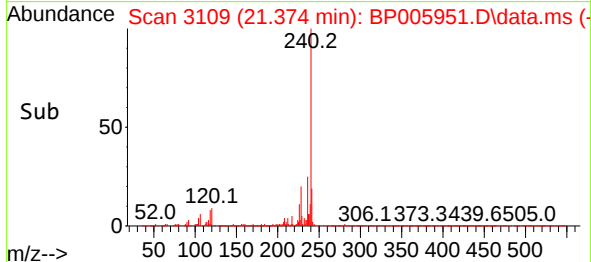
Instrument :
BNA_P
ClientSampleId :
0241-AMND-COMP-F(CL-05)RX



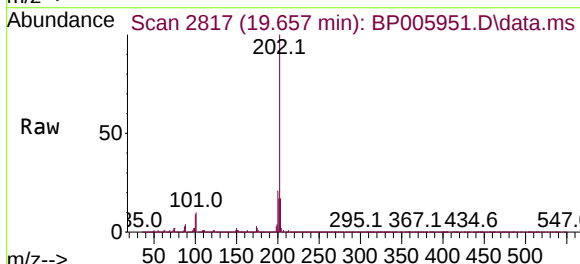
Tgt Ion:240 Resp: 459569
Ion Ratio Lower Upper
240 100
120 8.9 6.5 9.7
236 25.4 20.6 31.0

Manual Integrations
APPROVED

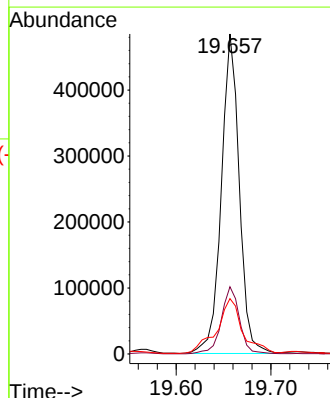
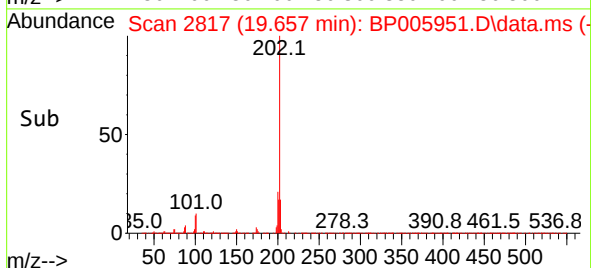
mohammad
6/17/2021 12:16:26 PM

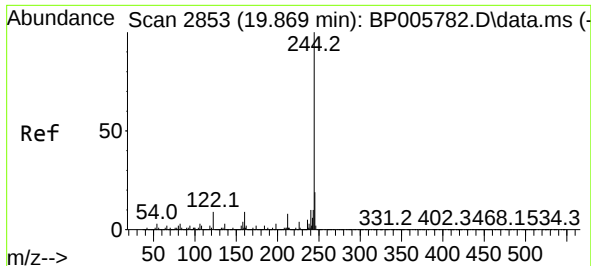


#78
Pyrene
Concen: 19.92 ng
RT: 19.657 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20



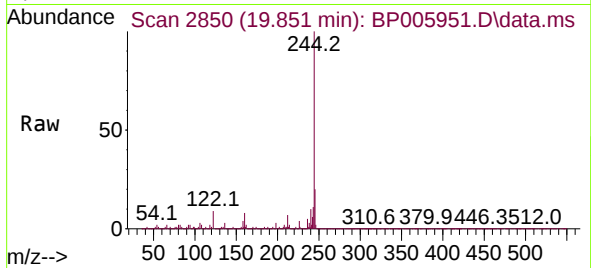
Tgt Ion:202 Resp: 639233
Ion Ratio Lower Upper
202 100
200 21.0 16.3 24.5
203 17.3 14.2 21.2





#79
Terphenyl-d14
Concen: 57.36 ng
RT: 19.851 min Scan# 2850
Delta R.T. -0.006 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

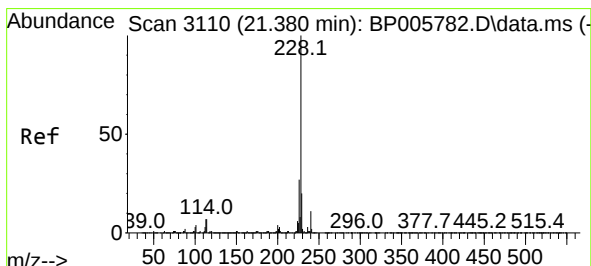
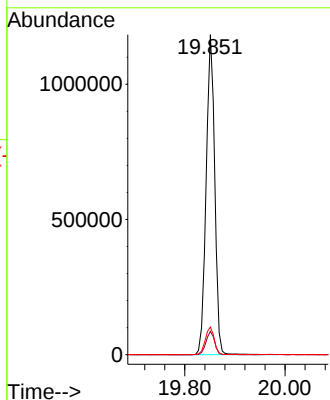
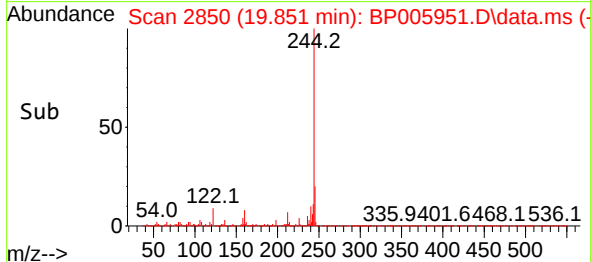
Instrument :
BNA_P
ClientSampleId :
0241-AMND-COMP-F(CL-05)RX



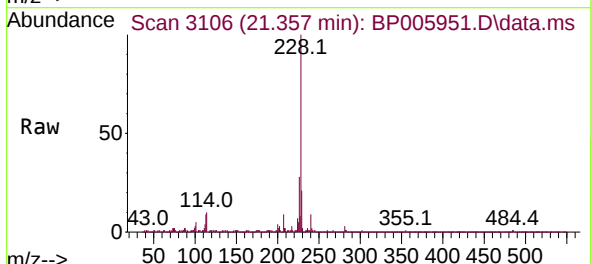
Tgt Ion:244 Resp: 1407812
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 8.7 7.1 10.7

Manual Integrations
APPROVED

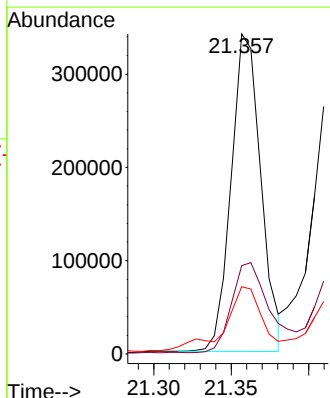
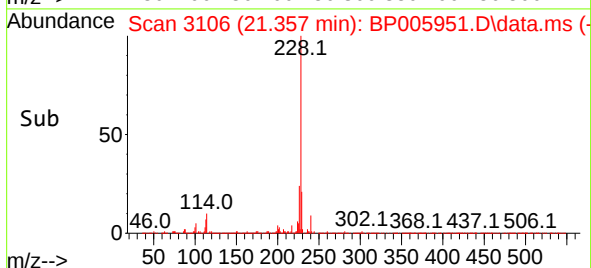
mohammad
6/17/2021 12:16:26 PM

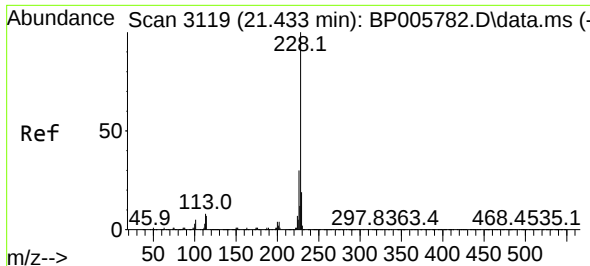


#81
Benzo(a)anthracene
Concen: 13.73 ng
RT: 21.357 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20



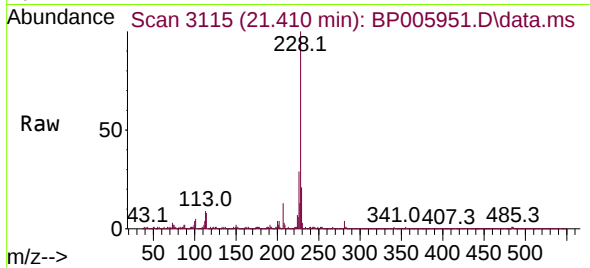
Tgt Ion:228 Resp: 455342
Ion Ratio Lower Upper
228 100
226 27.6 21.6 32.4
229 21.0 15.8 23.6





#83
Chrysene
Concen: 12.39 ng m
RT: 21.410 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

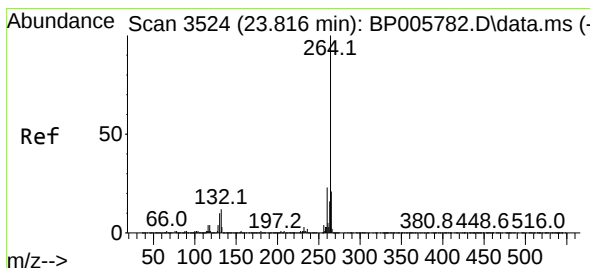
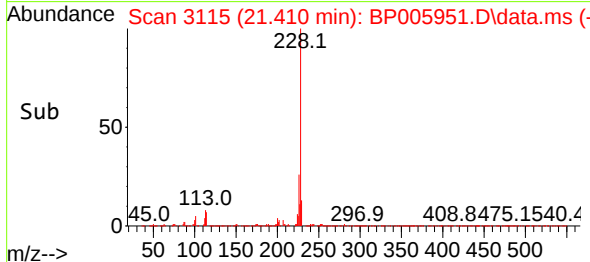
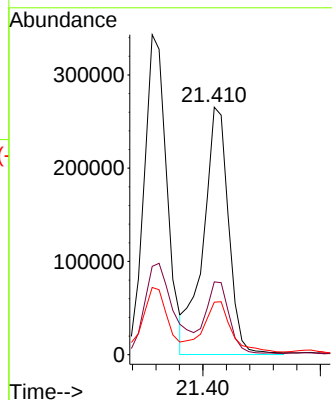
Instrument :
BNA_P
ClientSampleId :
0241-AMND-COMP-F(CL-05)RX



Tgt Ion:228 Resp: 397958
Ion Ratio Lower Upper
228 100
226 29.4 23.8 35.6
229 21.2 15.4 23.2

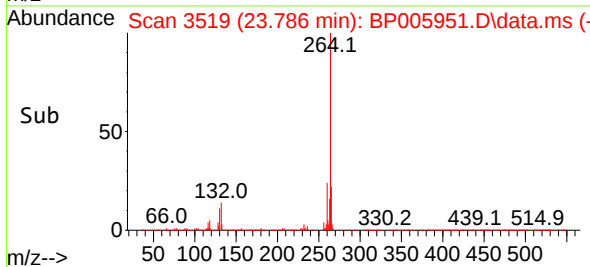
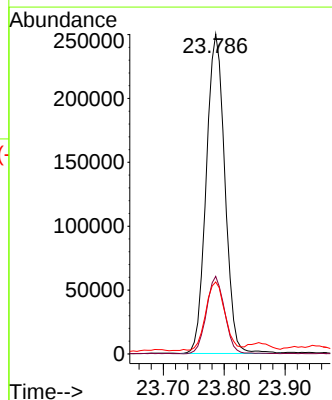
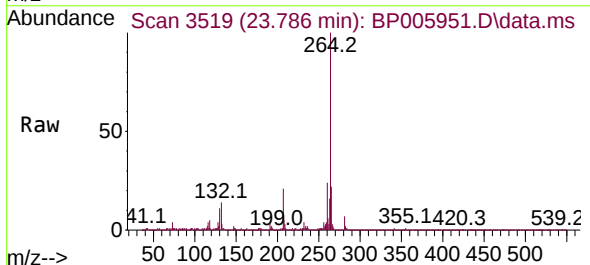
Manual Integrations
APPROVED

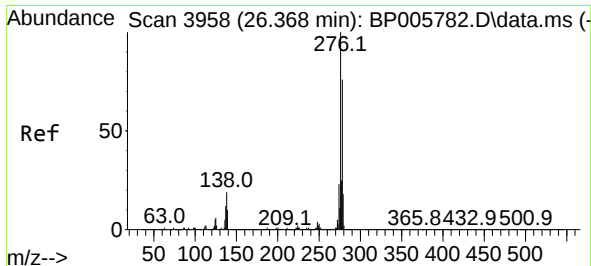
mohammad
6/17/2021 12:16:26 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.786 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

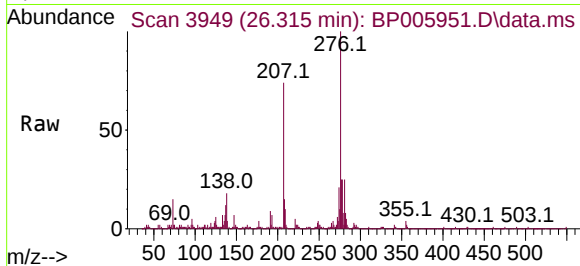
Tgt Ion:264 Resp: 529984
Ion Ratio Lower Upper
264 100
260 24.3 18.6 28.0
265 22.5 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.93 ng
RT: 26.315 min Scan# 3949
Delta R.T. -0.023 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

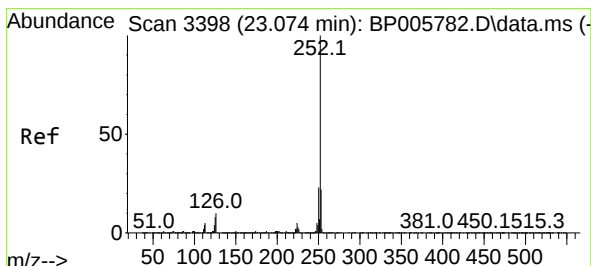
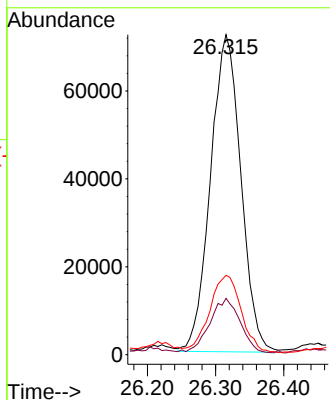
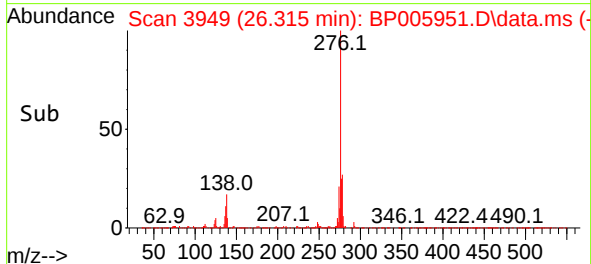
Instrument :
BNA_P
ClientSampleId :
0241-AMND-COMP-F(CL-05)RX



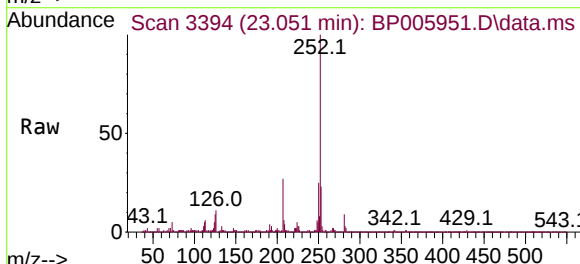
Tgt Ion: 276 Resp: 223573
Ion Ratio Lower Upper
276 100
138 17.2 15.3 22.9
277 25.4 20.4 30.6

Manual Integrations
APPROVED

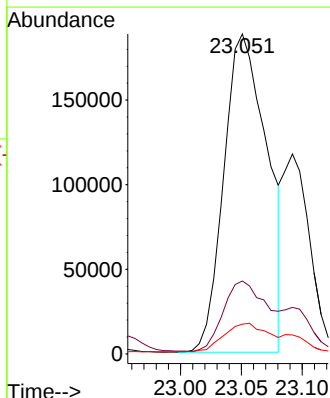
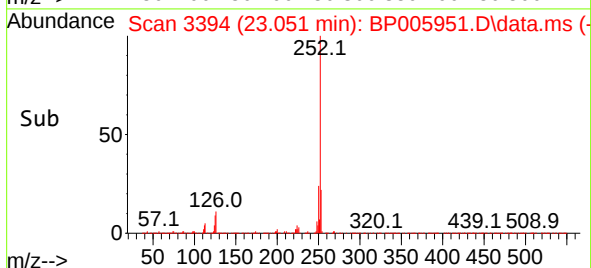
mohammad
6/17/2021 12:16:26 PM

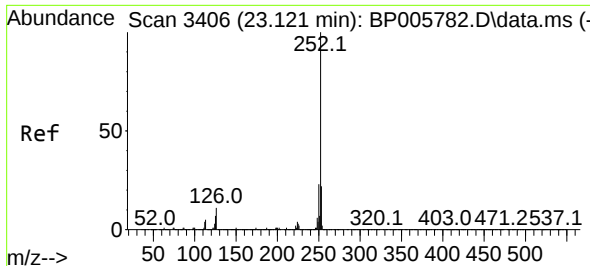


#88
Benzo(b)fluoranthene
Concen: 12.81 ng
RT: 23.051 min Scan# 3394
Delta R.T. -0.006 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20



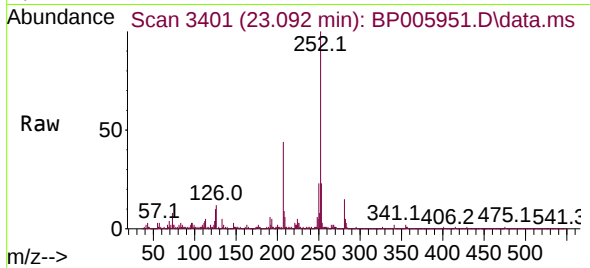
Tgt Ion: 252 Resp: 465065
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 9.3 6.2 9.4





#89
Benzo(k)fluoranthene
Concen: 5.06 ng m
RT: 23.092 min Scan# 3401
Delta R.T. -0.012 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

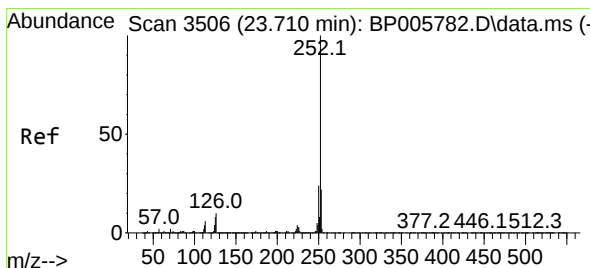
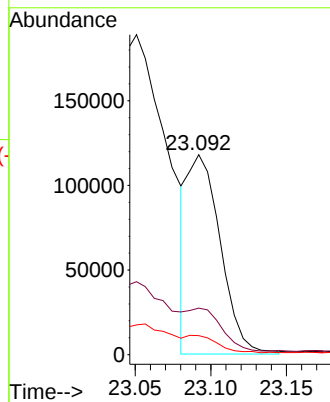
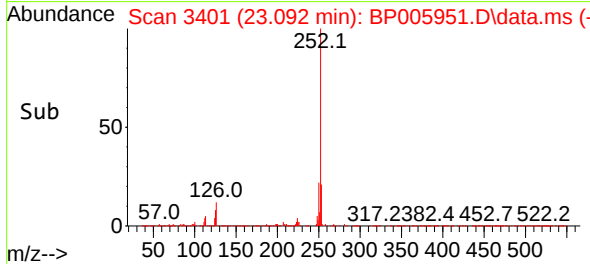
Instrument :
BNA_P
ClientSampleId :
0241-AMND-COMP-F(CL-05)RX



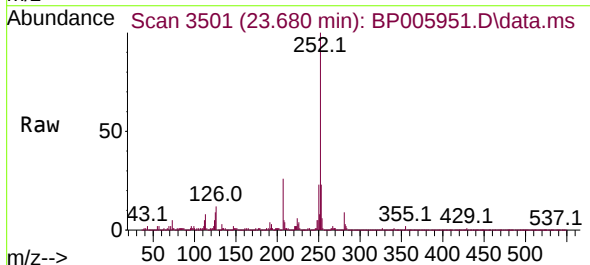
Tgt Ion:252 Resp: 177959
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 9.5 6.0 9.0#

Manual Integrations
APPROVED

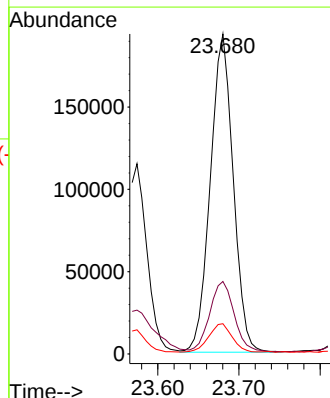
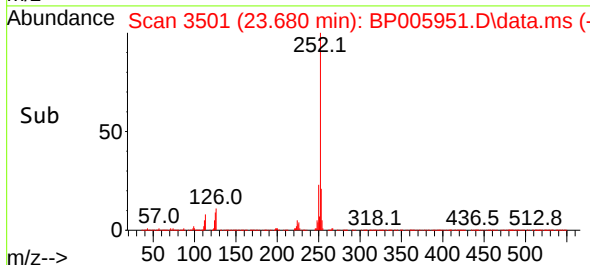
mohammad
6/17/2021 12:16:26 PM

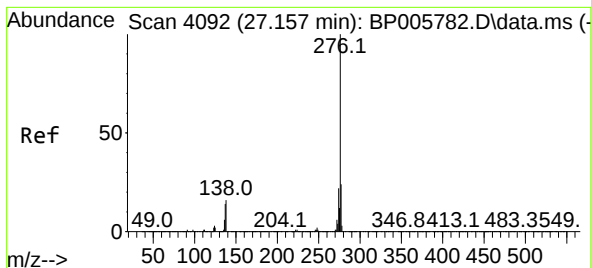


#90
Benzo(a)pyrene
Concen: 11.10 ng
RT: 23.680 min Scan# 3501
Delta R.T. -0.006 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20



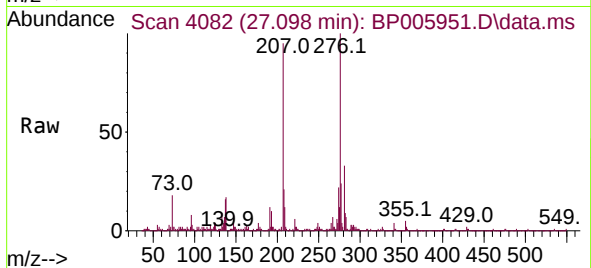
Tgt Ion:252 Resp: 378898
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 9.4 6.5 9.7





#92
Benzo(g,h,i)perylene
Concen: 5.07 ng
RT: 27.098 min Scan# 4082
Delta R.T. -0.023 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

Instrument :
BNA_P
ClientSampleId :
0241-AMND-COMP-F(CL-05)RX



Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.9	28.3
138	17.3	12.6	18.8

Manual Integrations
APPROVED

mohammad
6/17/2021 12:16:26 PM

