

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
 Data File : BP004028.D
 Acq On : 20 Nov 2020 17:26
 Operator : CG/JU
 Sample : L4829-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-14

Manual Integrations
 APPROVED

mohammad
 11/24/2020 8:55:19 AM

Quant Time: Nov 23 04:07:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 03:48:44 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	129299	20.00	ng	-0.02
21) Naphthalene-d8	11.110	136	468901	20.00	ng	#-0.02
39) Acenaphthene-d10	14.887	164	309282	20.00	ng	-0.02
64) Phenanthrene-d10	17.622	188	632467	20.00	ng	-0.01
76) Chrysene-d12	21.651	240	581367	20.00	ng	0.00
86) Perylene-d12	24.121	264	589389	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	526917	68.01	ng	0.00
7) Phenol-d6	7.452	99	445555	40.06	ng	0.00
23) Nitrobenzene-d5	9.434	82	979053	102.26	ng	-0.02
42) 2,4,6-Tribromophenol	16.375	330	588523	152.14	ng	-0.01
45) 2-Fluorobiphenyl	13.510	172	2151504	97.25	ng	-0.02
79) Terphenyl-d14	20.122	244	2804500	93.20	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.181	128	31713711m	1260.36	ng	
37) 2-Methylnaphthalene	12.751	142	7027683	390.30	ng	97
38) 1-Methylnaphthalene	12.975	142	7686451	447.53	ng	99
46) 1,1'-Biphenyl	13.722	154	1114795	46.43	ng	98
49) Acenaphthylene	14.610	152	101102	3.50	ng	# 40
50) Dimethylphthalate	14.316	163	141892	5.87	ng	99
52) Acenaphthene	14.957	154	1999949	103.79	ng	98
58) Fluorene	15.928	166	805268	35.13	ng	100
71) Phenanthrene	17.663	178	1928622	54.33	ng	99
72) Anthracene	17.751	178	375111	10.94	ng	98
75) Fluoranthene	19.598	202	133833	3.27	ng	99
78) Pyrene	19.945	202	277441	7.03	ng	97

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

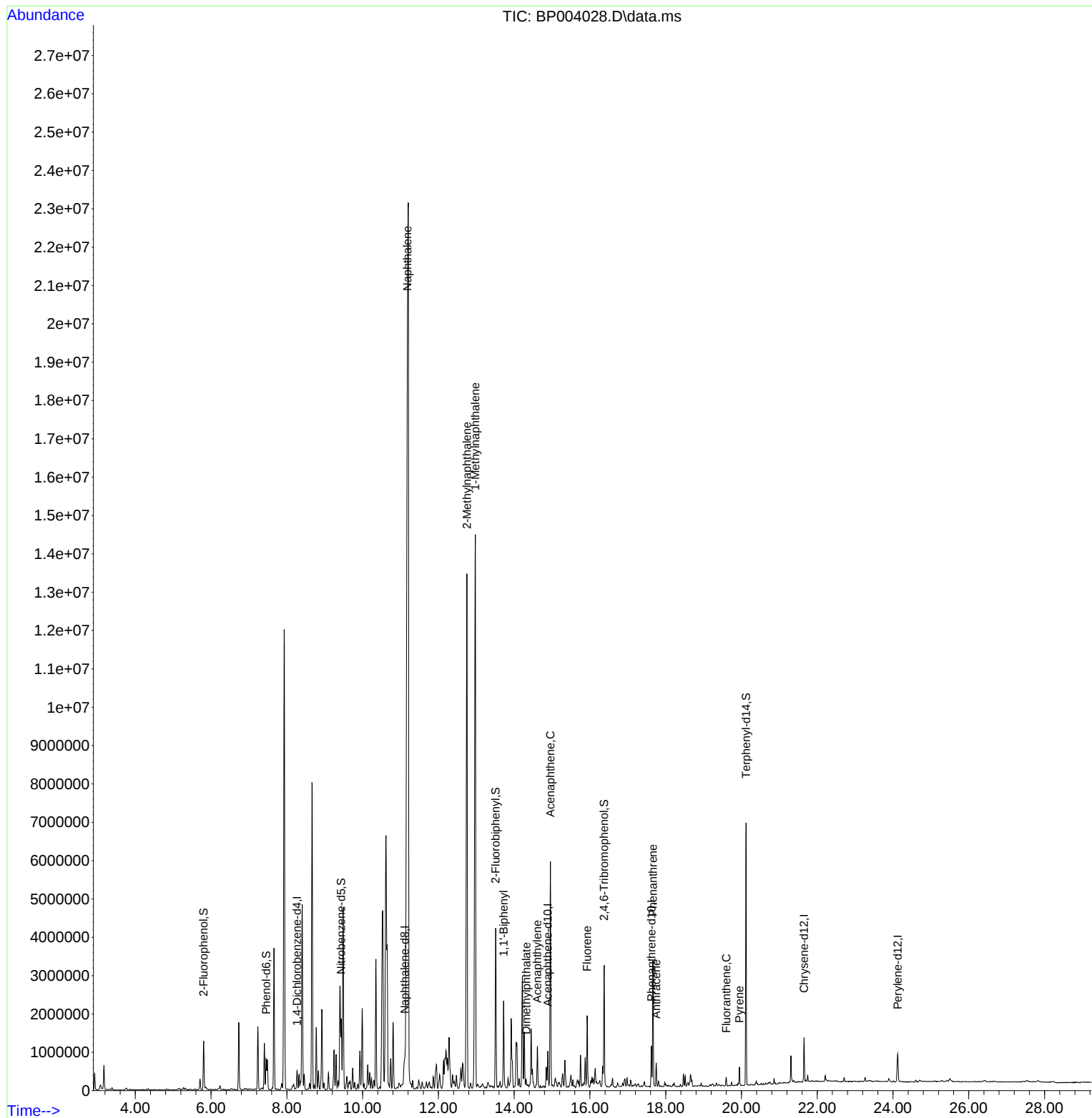
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004028.D
Acq On : 20 Nov 2020 17:26
Operator : CG/JU
Sample : L4829-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

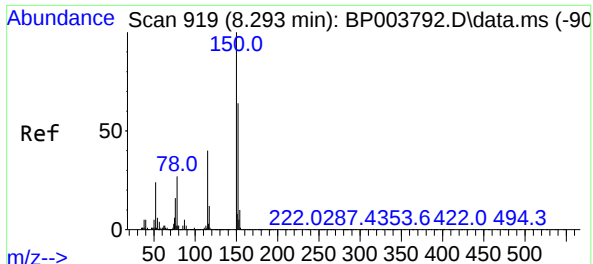
Instrument :
BNA_P
ClientSampleId :
MW-14

Manual Integrations
APPROVED

mohammad
11/24/2020 8:55:19 AM

Quant Time: Nov 23 04:07:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 03:48:44 2020
Response via : Initial Calibration





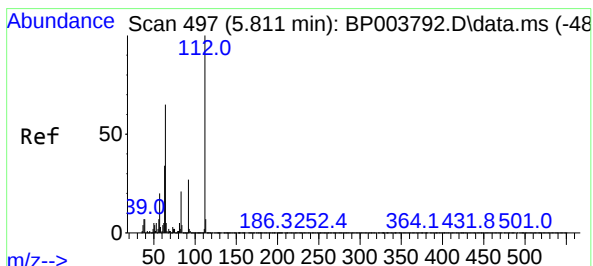
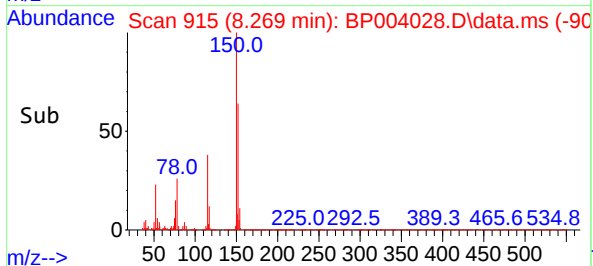
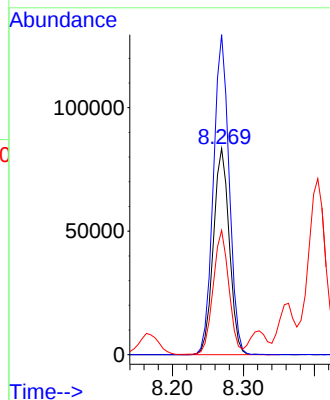
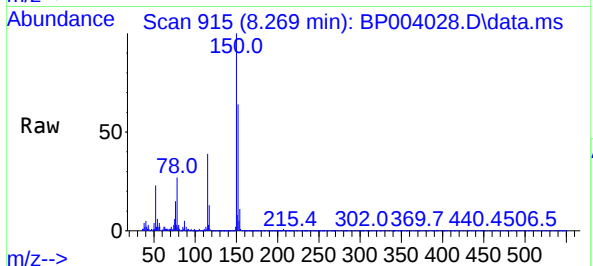
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. -0.024 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

Tgt Ion:152 Resp: 129299
Ion Ratio Lower Upper
152 100
150 155.2 123.8 185.6
115 60.3 43.8 65.6

Instrument :
BNA_P
ClientSampled :
MW-14

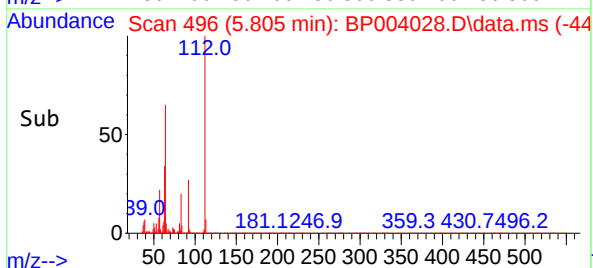
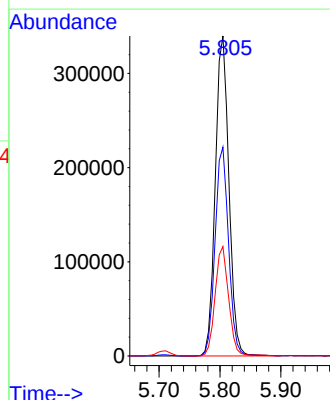
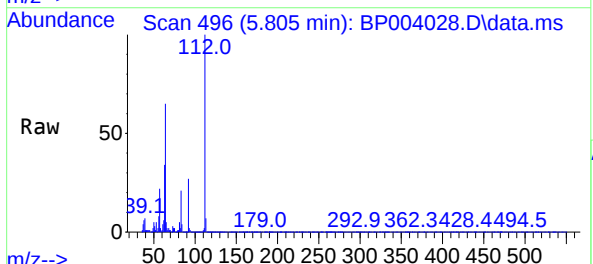
Manual Integrations
APPROVED

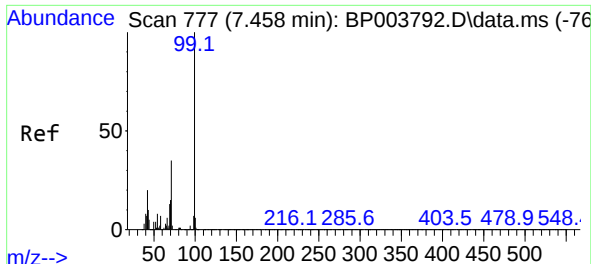
mohammad
11/24/2020 8:55:19 AM



#5
2-Fluorophenol
Concen: 68.01 ng
RT: 5.805 min Scan# 496
Delta R.T. -0.006 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

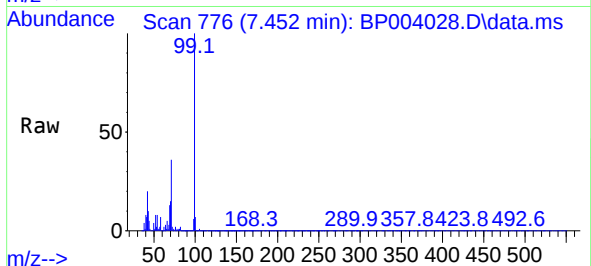
Tgt Ion:112 Resp: 526917
Ion Ratio Lower Upper
112 100
64 65.2 32.8 49.2#
63 34.2 17.0 25.4#





#7
Phenol-d6
Concen: 40.06 ng
RT: 7.452 min Scan# 776
Delta R.T. -0.006 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

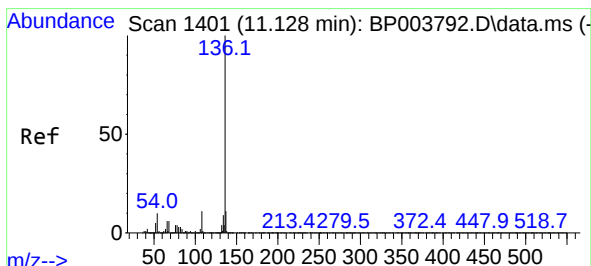
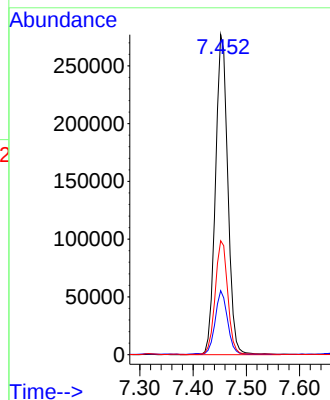
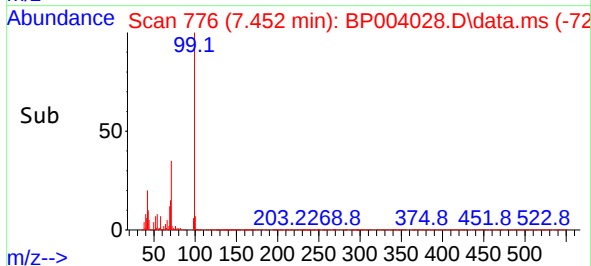
Instrument :
BNA_P
ClientSampled :
MW-14



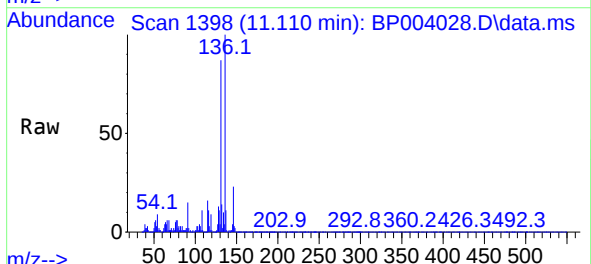
Tgt Ion: 99 Resp: 445555
Ion Ratio Lower Upper
99 100
42 20.0 8.6 13.0#
71 35.6 23.4 35.2#

Manual Integrations
APPROVED

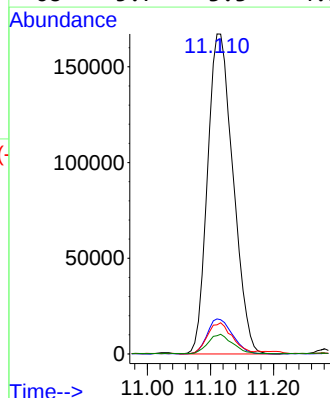
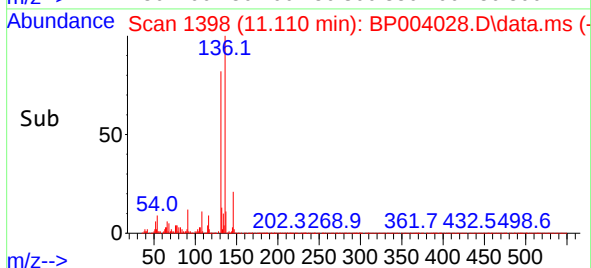
mohammad
11/24/2020 8:55:19 AM

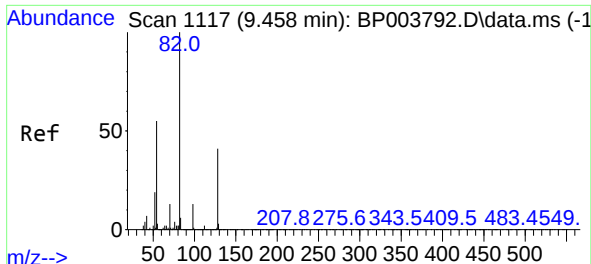


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.110 min Scan# 1398
Delta R.T. -0.018 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26



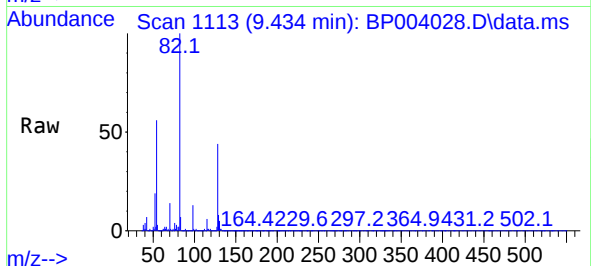
Tgt Ion: 136 Resp: 468901
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.1 3.6 5.4#
68 5.7 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 102.26 ng
RT: 9.434 min Scan# 1113
Delta R.T. -0.024 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

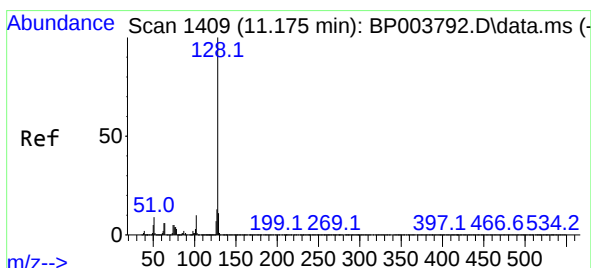
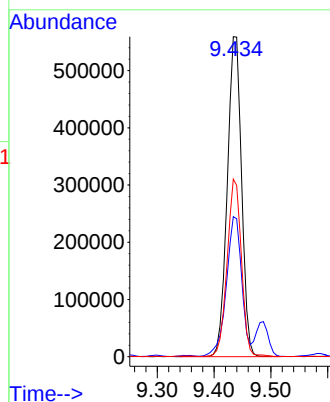
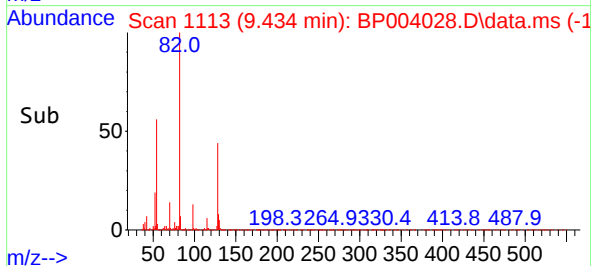
Instrument :
BNA_P
ClientSampled :
MW-14



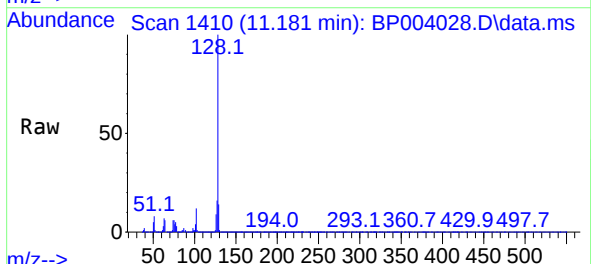
Tgt Ion: 82 Resp: 979053
Ion Ratio Lower Upper
82 100
128 43.7 45.6 68.4#
54 55.5 30.1 45.1#

Manual Integrations
APPROVED

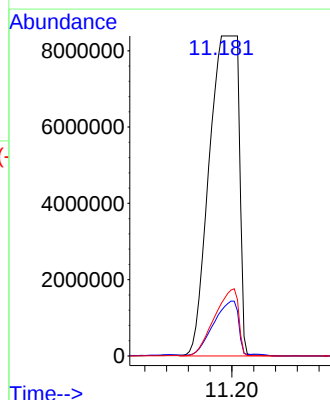
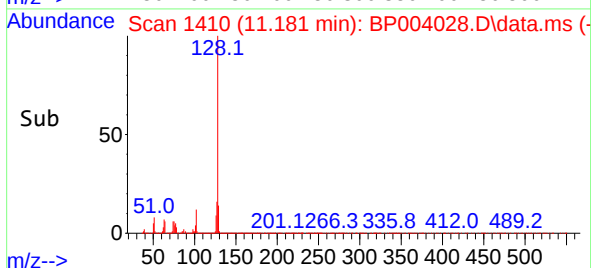
mohammad
11/24/2020 8:55:19 AM

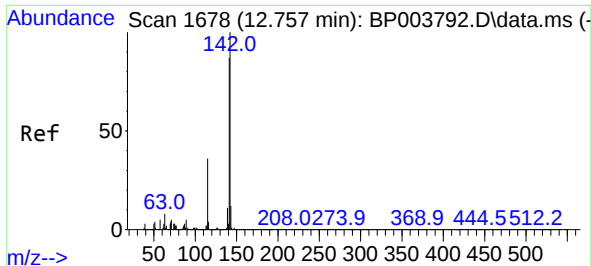


#31
Naphthalene
Concen: 1260.36 ng m
RT: 11.181 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26



Tgt Ion: 128 Resp: 31713711
Ion Ratio Lower Upper
128 100
129 14.3 8.8 13.2#
127 16.5 10.6 15.8#





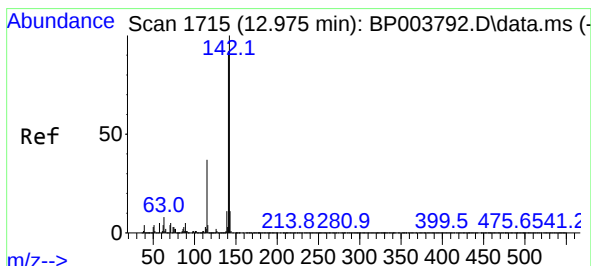
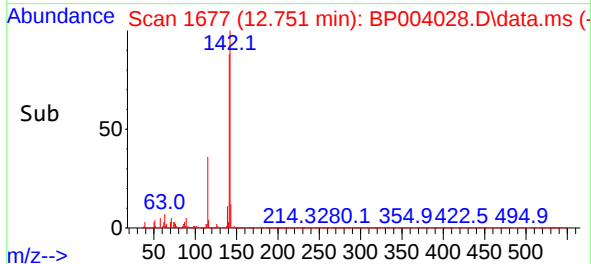
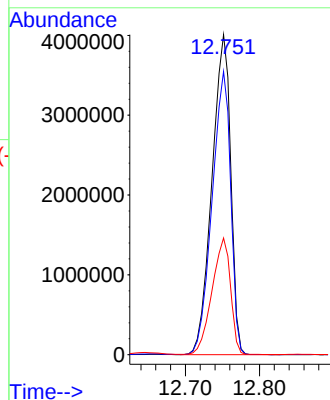
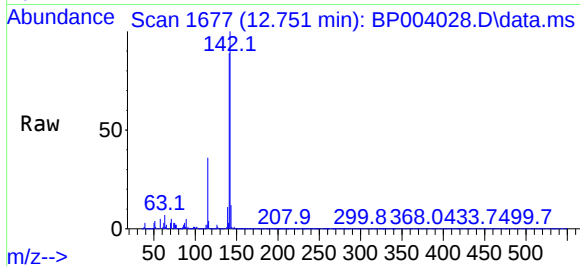
#37
2-Methylnaphthalene
Concen: 390.30 ng
RT: 12.751 min Scan# 1677
Delta R.T. -0.006 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

Tgt Ion:142 Resp: 7027683
Ion Ratio Lower Upper
142 100
141 88.5 71.4 107.2
115 36.5 25.8 38.6

Instrument :
BNA_P
ClientSampled :
MW-14

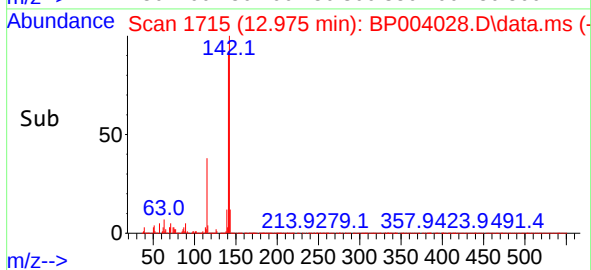
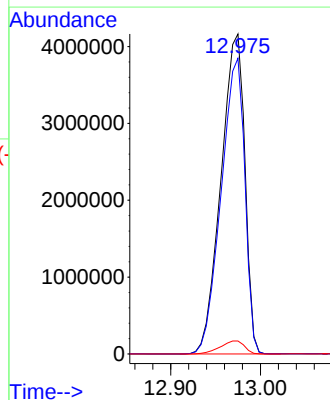
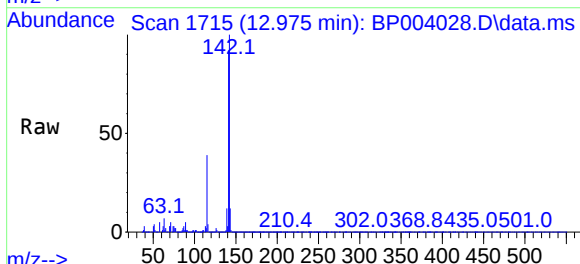
Manual Integrations
APPROVED

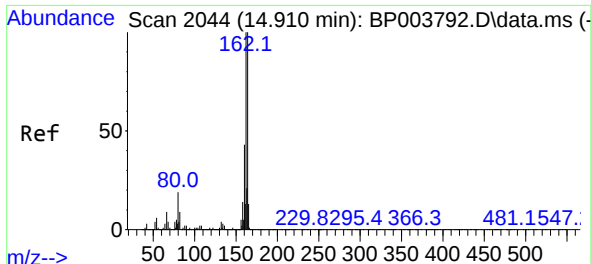
mohammad
11/24/2020 8:55:19 AM



#38
1-Methylnaphthalene
Concen: 447.53 ng
RT: 12.975 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

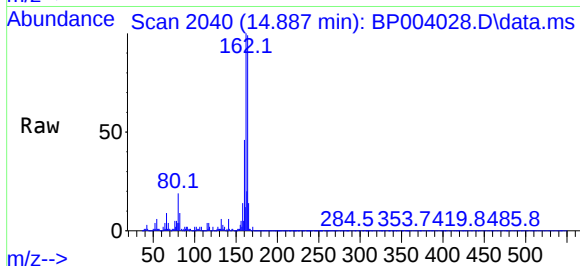
Tgt Ion:142 Resp: 7686451
Ion Ratio Lower Upper
142 100
141 92.4 74.4 111.6
116 4.1 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.887 min Scan# 2040
Delta R.T. -0.024 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

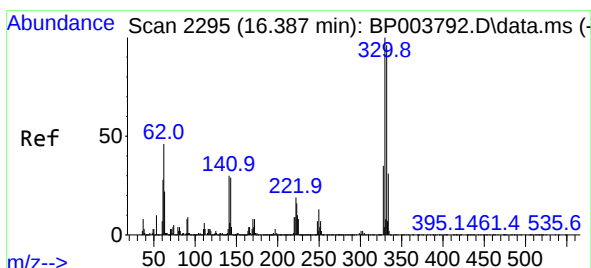
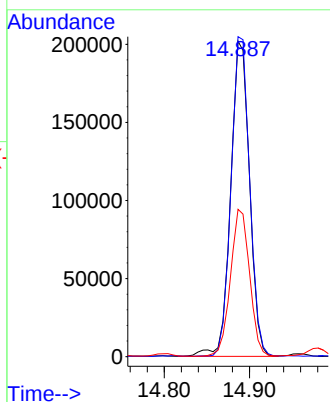
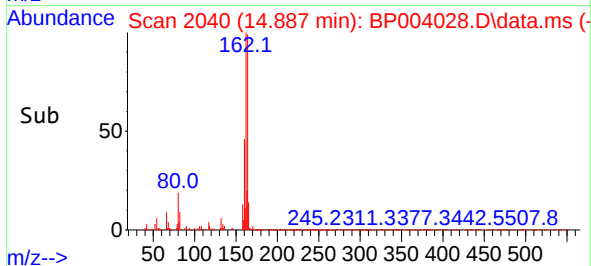
Instrument :
BNA_P
ClientSampled :
MW-14



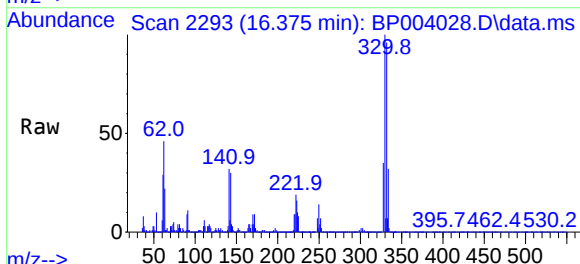
Tgt Ion:164 Resp: 309282
Ion Ratio Lower Upper
164 100
162 101.4 79.4 119.2
160 46.7 36.1 54.1

Manual Integrations
APPROVED

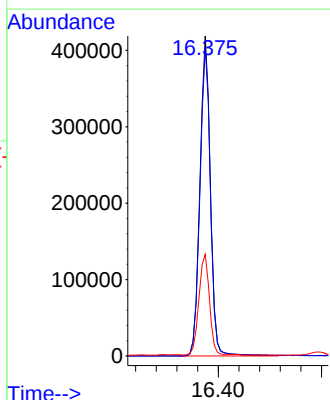
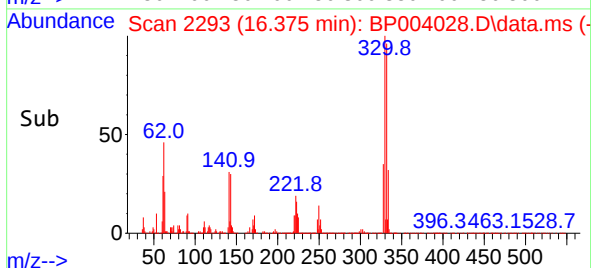
mohammad
11/24/2020 8:55:19 AM

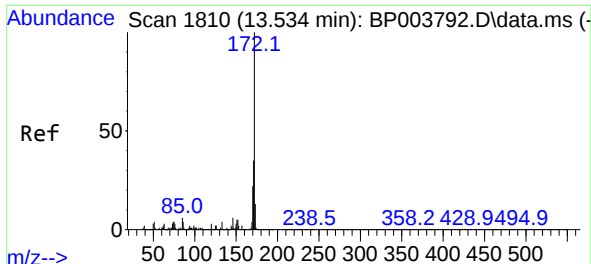


#42
2,4,6-Tribromophenol
Concen: 152.14 ng
RT: 16.375 min Scan# 2293
Delta R.T. -0.012 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26



Tgt Ion:330 Resp: 588523
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 31.5 23.4 35.2





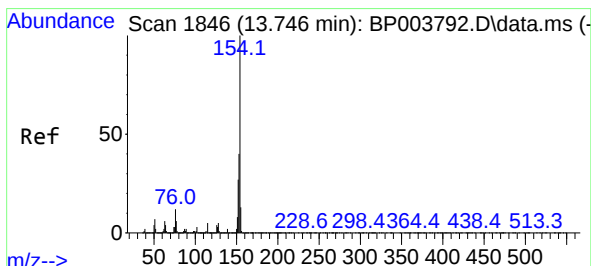
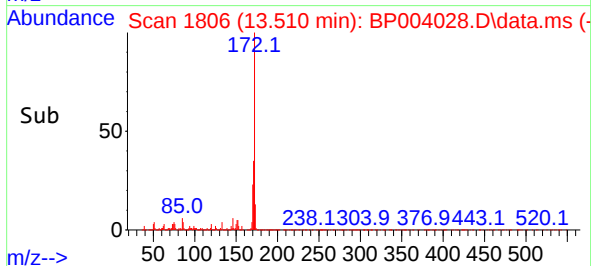
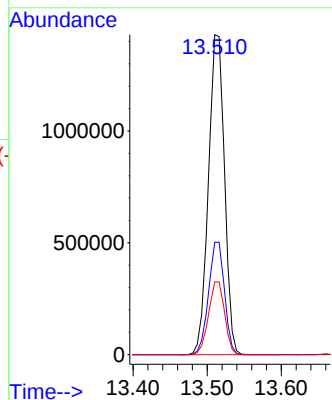
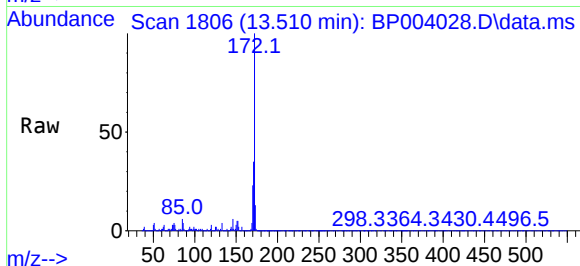
#45
2-Fluorobiphenyl
Concen: 97.25 ng
RT: 13.510 min Scan# 1806
Delta R.T. -0.024 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

Instrument :
BNA_P
ClientSampled :
MW-14

Tgt Ion:172 Resp: 2151504
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 22.8 19.2 28.8

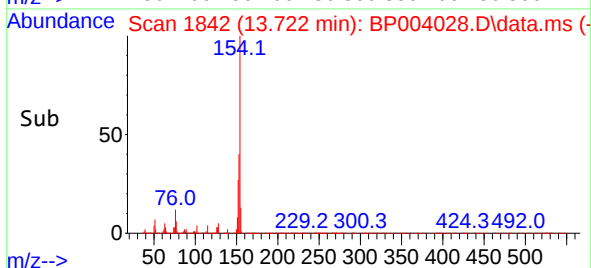
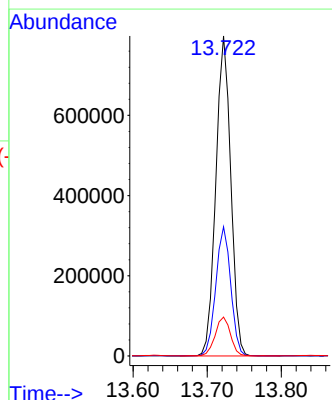
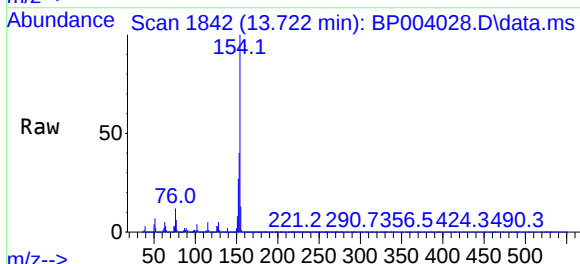
Manual Integrations
APPROVED

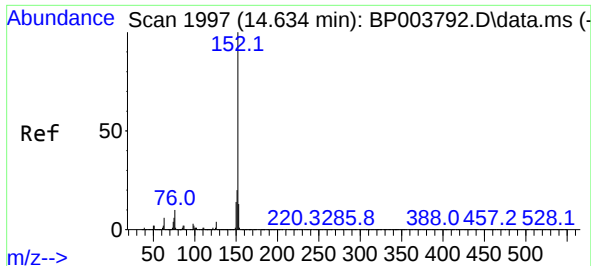
mohammad
11/24/2020 8:55:19 AM



#46
1,1'-Biphenyl
Concen: 46.43 ng
RT: 13.722 min Scan# 1842
Delta R.T. -0.024 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

Tgt Ion:154 Resp: 1114795
Ion Ratio Lower Upper
154 100
153 40.3 20.4 60.4
76 12.1 0.0 29.3





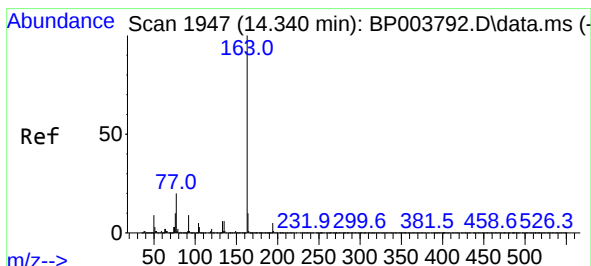
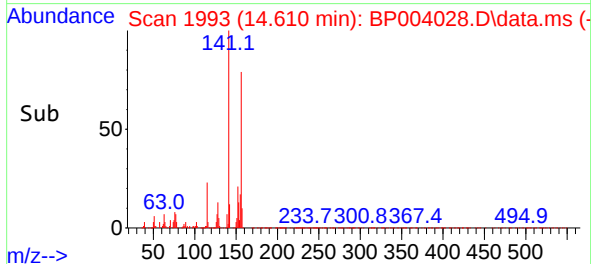
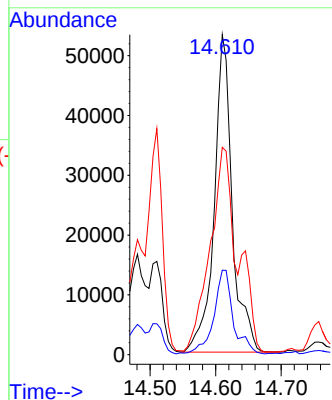
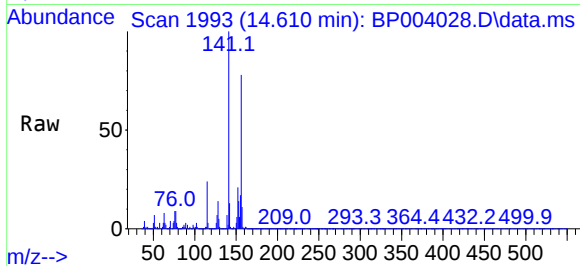
#49
Acenaphthylene
Concen: 3.50 ng
RT: 14.610 min Scan# 1993
Delta R.T. -0.024 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

Tgt Ion:152 Resp: 101102
Ion Ratio Lower Upper
152 100
151 26.4 15.9 23.9#
153 64.8 10.5 15.7#

Instrument :
BNA_P
ClientSampled :
MW-14

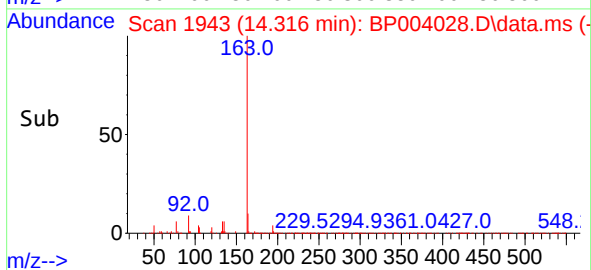
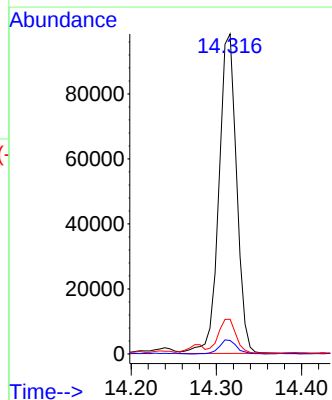
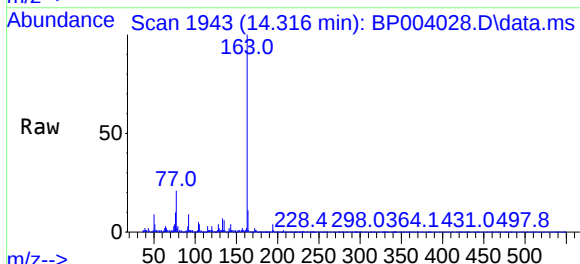
Manual Integrations
APPROVED

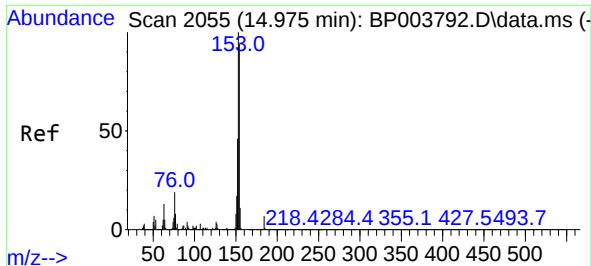
mohammad
11/24/2020 8:55:19 AM



#50
Dimethylphthalate
Concen: 5.87 ng
RT: 14.316 min Scan# 1943
Delta R.T. -0.024 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

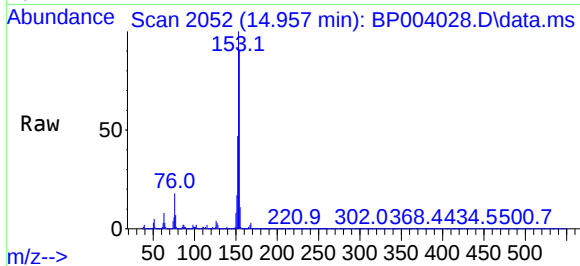
Tgt Ion:163 Resp: 141892
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.8 8.2 12.2





#52
Acenaphthene
Concen: 103.79 ng
RT: 14.957 min Scan# 2052
Delta R.T. -0.018 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

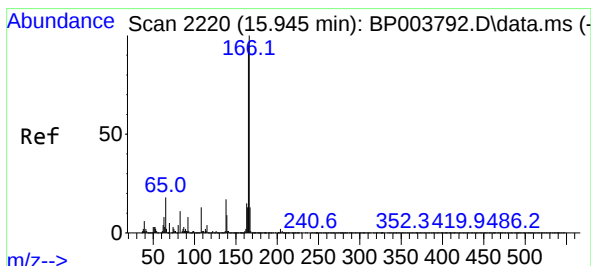
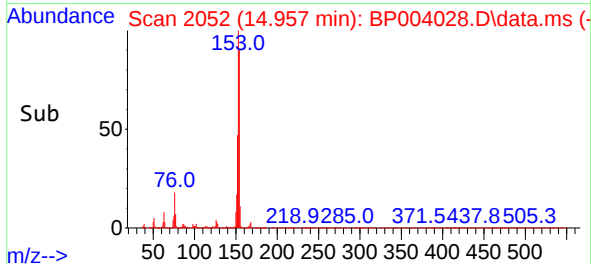
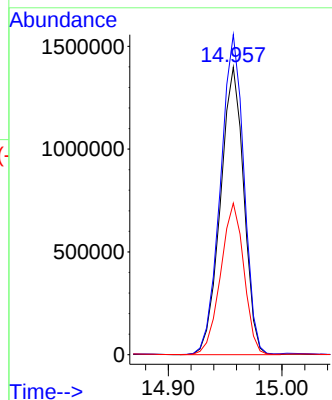
Instrument :
BNA_P
ClientSampled :
MW-14



Tgt Ion:154 Resp: 1999949
Ion Ratio Lower Upper
154 100
153 111.3 91.0 136.6
152 52.7 43.0 64.6

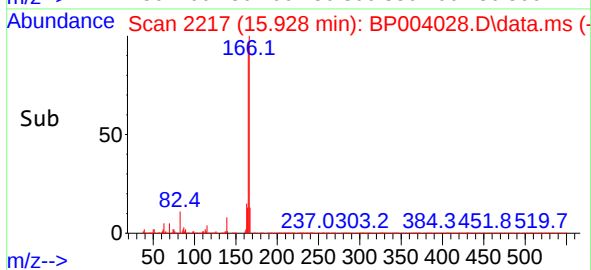
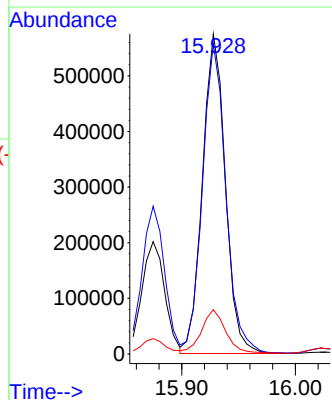
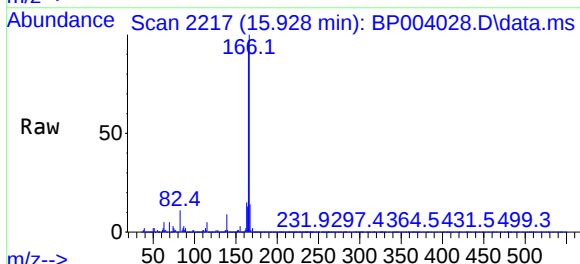
Manual Integrations
APPROVED

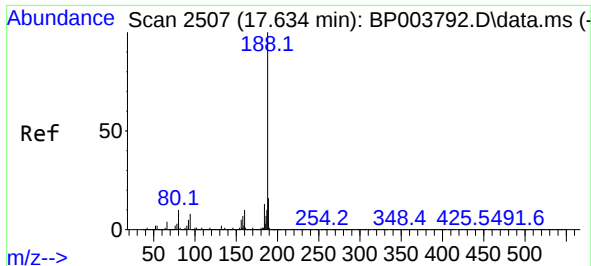
mohammad
11/24/2020 8:55:19 AM



#58
Fluorene
Concen: 35.13 ng
RT: 15.928 min Scan# 2217
Delta R.T. -0.018 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

Tgt Ion:166 Resp: 805268
Ion Ratio Lower Upper
166 100
165 97.0 77.8 116.8
167 13.9 11.0 16.4





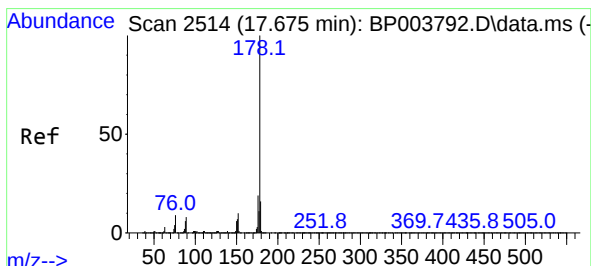
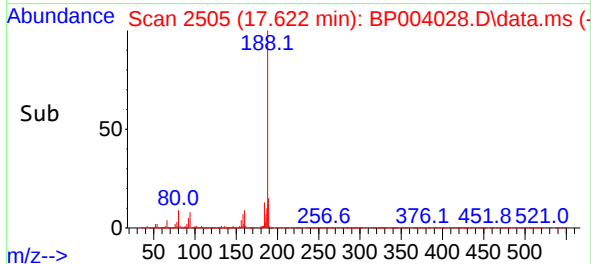
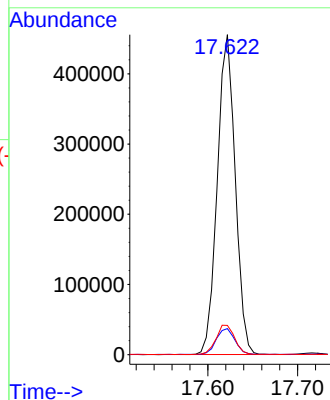
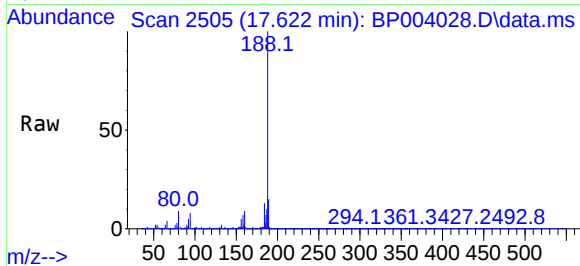
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.622 min Scan# 2505
Delta R.T. -0.012 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

Tgt Ion:188	Resp: 632467
Ion Ratio	Lower Upper
188 100	
94 8.2	6.2 9.2
80 9.2	6.2 9.2

Instrument :
BNA_P
ClientSampled :
MW-14

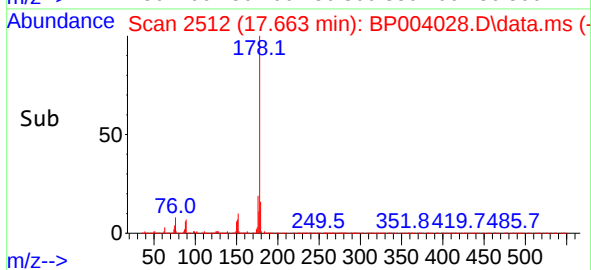
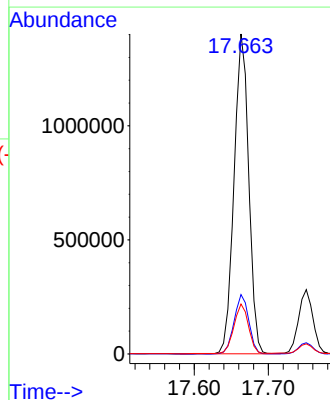
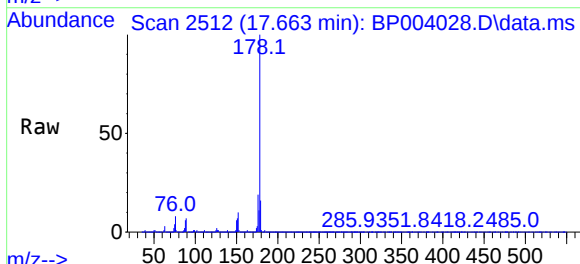
Manual Integrations
APPROVED

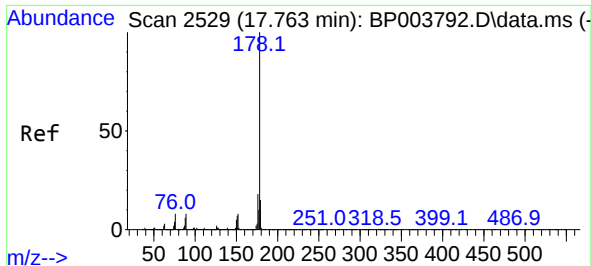
mohammad
11/24/2020 8:55:19 AM



#71
Phenanthrene
Concen: 54.33 ng
RT: 17.663 min Scan# 2512
Delta R.T. -0.012 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

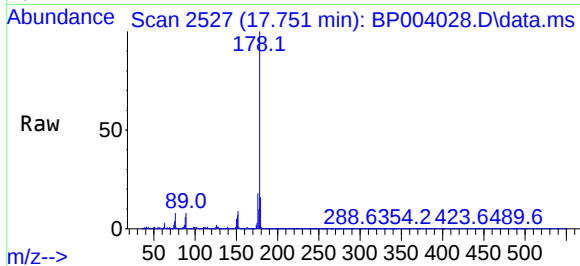
Tgt Ion:178	Resp: 1928622
Ion Ratio	Lower Upper
178 100	
176 18.6	15.3 22.9
179 15.6	12.5 18.7





#72
 Anthracene
 Concen: 10.94 ng
 RT: 17.751 min Scan# 2527
 Delta R.T. -0.012 min
 Lab File: BP004028.D
 Acq: 20 Nov 2020 17:26

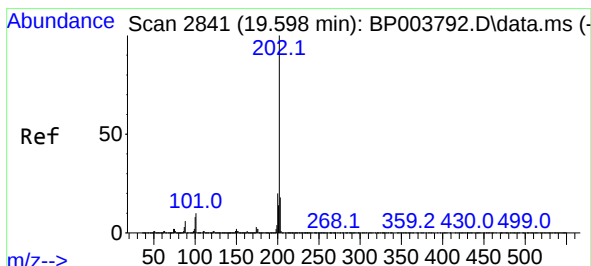
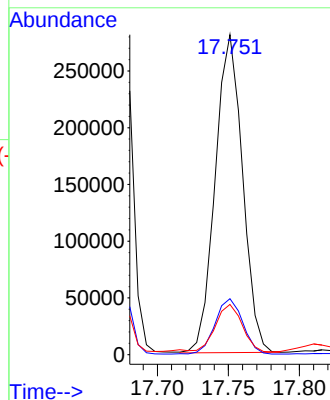
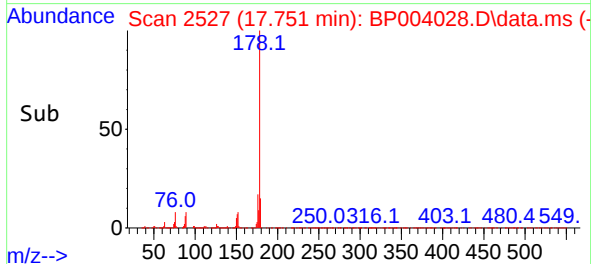
Instrument :
 BNA_P
 ClientSampled :
 MW-14



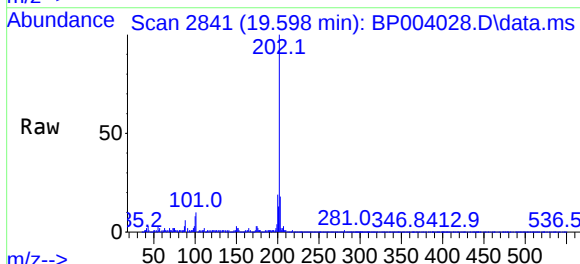
Tgt Ion:178 Resp: 375111
 Ion Ratio Lower Upper
 178 100
 176 17.5 15.0 22.4
 179 15.7 12.5 18.7

Manual Integrations
 APPROVED

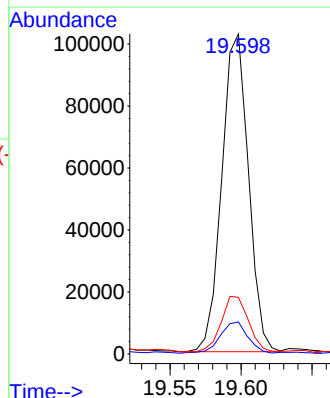
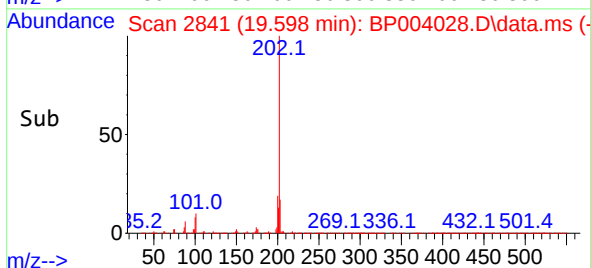
mohammad
 11/24/2020 8:55:19 AM

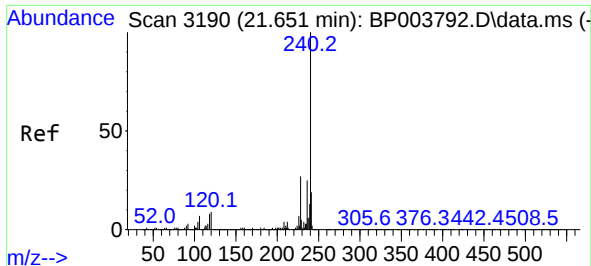


#75
 Fluoranthene
 Concen: 3.27 ng
 RT: 19.598 min Scan# 2841
 Delta R.T. -0.000 min
 Lab File: BP004028.D
 Acq: 20 Nov 2020 17:26



Tgt Ion:202 Resp: 133833
 Ion Ratio Lower Upper
 202 100
 101 10.0 0.0 29.4
 203 17.7 0.0 37.8





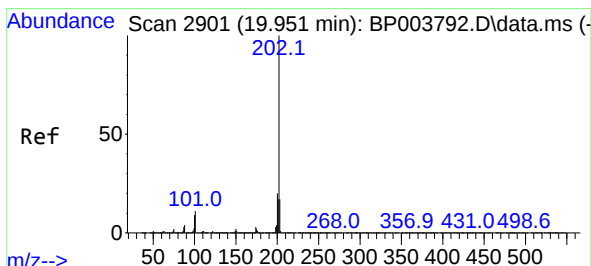
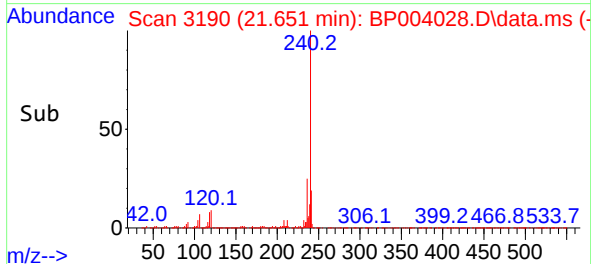
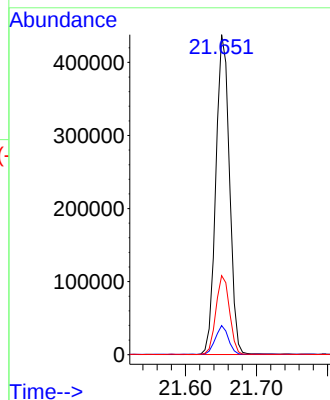
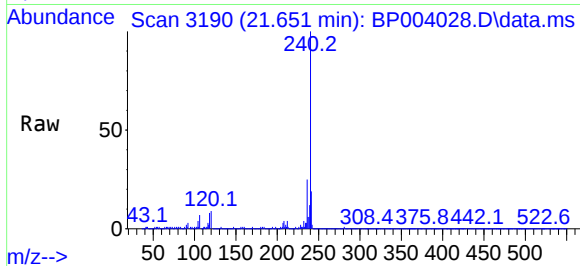
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.651 min Scan# 3190
Delta R.T. -0.000 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

Tgt Ion:240 Resp: 581367
Ion Ratio Lower Upper
240 100
120 9.1 7.8 11.6
236 24.7 20.8 31.2

Instrument :
BNA_P
ClientSampled :
MW-14

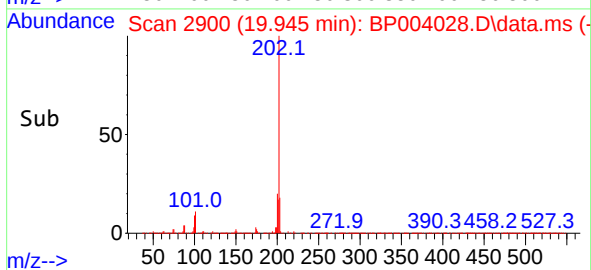
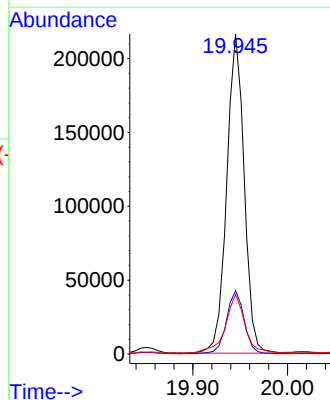
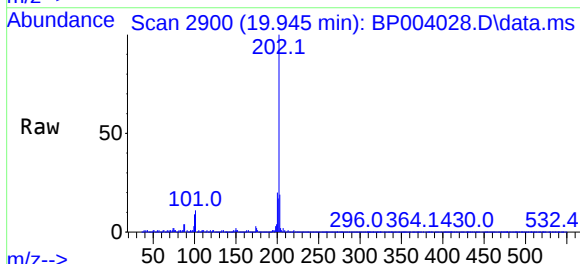
Manual Integrations
APPROVED

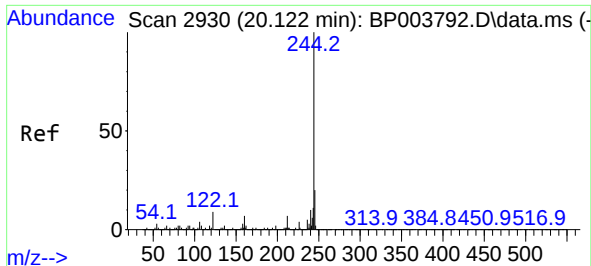
mohammad
11/24/2020 8:55:19 AM



#78
Pyrene
Concen: 7.03 ng
RT: 19.945 min Scan# 2900
Delta R.T. -0.006 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

Tgt Ion:202 Resp: 277441
Ion Ratio Lower Upper
202 100
200 19.8 17.1 25.7
203 18.6 14.2 21.2





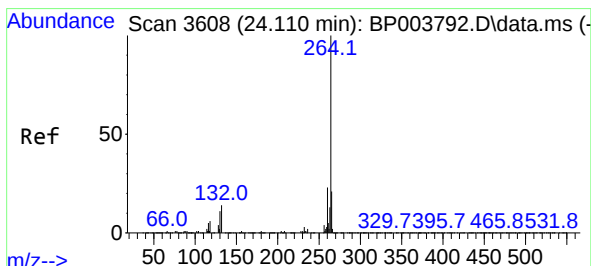
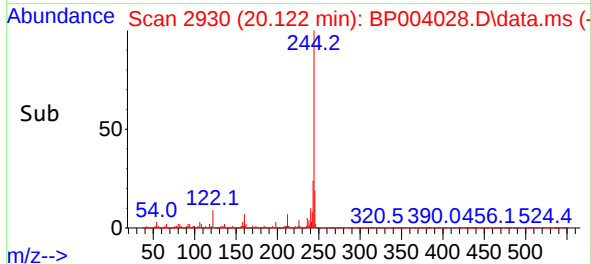
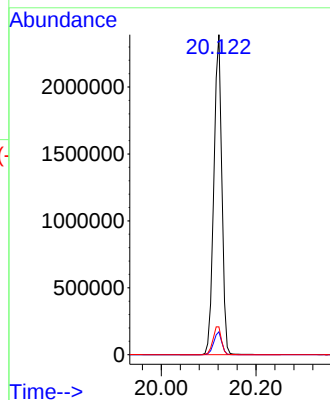
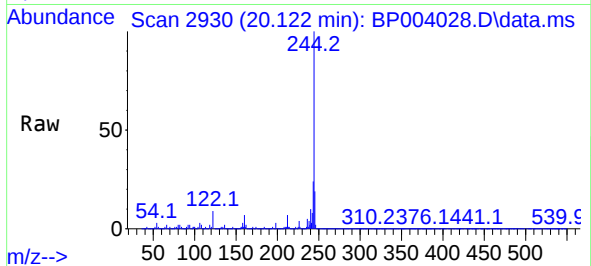
#79
Terphenyl-d14
Concen: 93.20 ng
RT: 20.122 min Scan# 2930
Delta R.T. -0.000 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

Tgt Ion:244 Resp: 2804500
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 8.7 7.8 11.8

Instrument :
BNA_P
ClientSampled :
MW-14

Manual Integrations
APPROVED

mohammad
11/24/2020 8:55:19 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.121 min Scan# 3610
Delta R.T. 0.012 min
Lab File: BP004028.D
Acq: 20 Nov 2020 17:26

Tgt Ion:264 Resp: 589389
Ion Ratio Lower Upper
264 100
260 22.9 18.8 28.2
265 21.4 17.4 26.2

