

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092220\
 Data File : BP003341.D
 Acq On : 22 Sep 2020 16:21
 Operator : CG/JU
 Sample : L4099-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 031

Manual Integrations
 APPROVED

mohammad
 9/23/2020 10:43:55 AM

Quant Time: Sep 22 20:46:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 12:48:08 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	146346	20.00	ng	0.00
21) Naphthalene-d8	10.346	136	591162	20.00	ng	# 0.00
39) Acenaphthene-d10	14.216	164	373562	20.00	ng	0.00
64) Phenanthrene-d10	16.975	188	809111	20.00	ng	0.00
76) Chrysene-d12	21.069	240	895656	20.00	ng	0.00
86) Perylene-d12	23.262	264	949561	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	847132	101.08	ng	0.00
7) Phenol-d6	6.769	99	1096060	98.11	ng	0.00
23) Nitrobenzene-d5	8.716	82	700271	69.59	ng	0.00
42) 2,4,6-Tribromophenol	15.716	330	456733	80.16	ng	0.00
45) 2-Fluorobiphenyl	12.834	172	1304098	51.06	ng	0.00
79) Terphenyl-d14	19.551	244	1814245	42.20	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	13.681	163	259737	8.71	ng	99
70) Pentachlorophenol	16.663	266	1413m	7.03	ng	
71) Phenanthrene	17.016	178	148220	3.37	ng	99
75) Fluoranthene	18.998	202	507568	9.17	ng	98
78) Pyrene	19.345	202	449985	8.06	ng	100
81) Benzo(a)anthracene	21.057	228	261310	4.51	ng	99
83) Chrysene	21.104	228	247339	4.45	ng	98
88) Benzo(b)fluoranthene	22.604	252	345604m	5.76	ng	
90) Benzo(a)pyrene	23.163	252	210738	3.73	ng	97

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

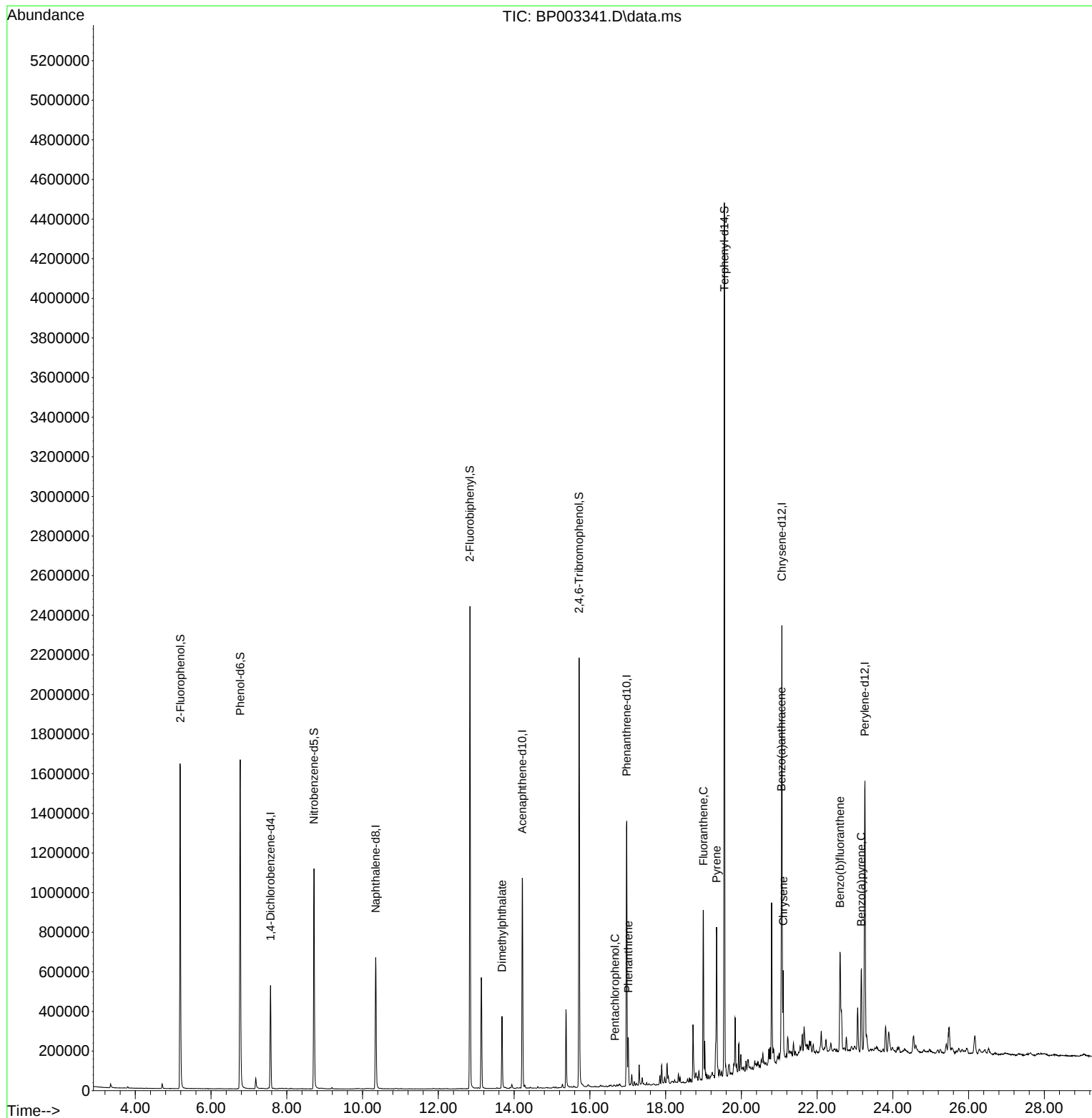
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092220\
Data File : BP003341.D
Acq On : 22 Sep 2020 16:21
Operator : CG/JU
Sample : L4099-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

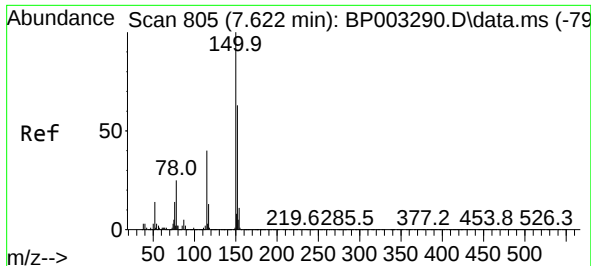
Instrument :
BNA_P
ClientSampleId :
031

Manual Integrations
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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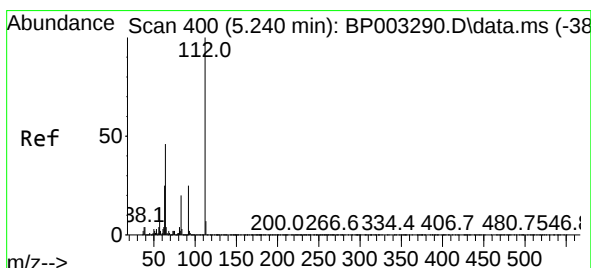
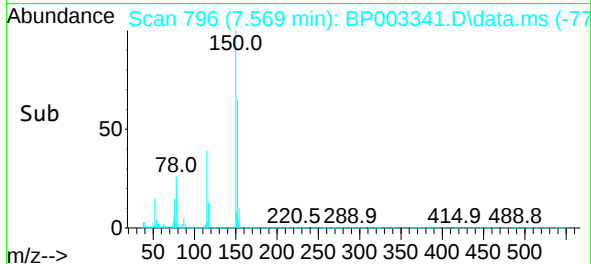
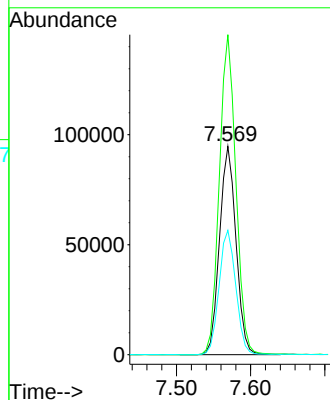
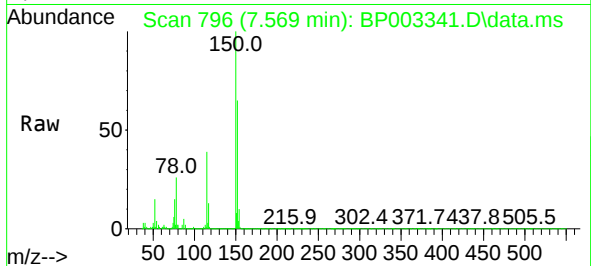
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.569 min Scan# 796
Delta R.T. 0.000 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21

Tgt Ion:152 Resp: 146346
Ion Ratio Lower Upper
152 100
150 153.6 123.8 185.6
115 59.7 43.8 65.6

Instrument :
BNA_P
ClientSampled :
031

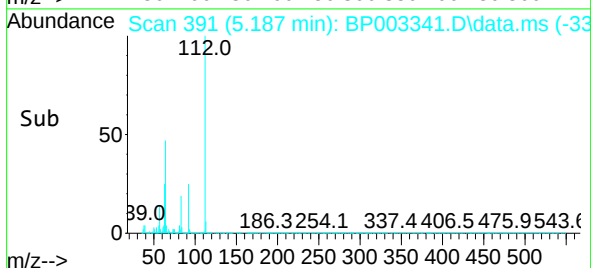
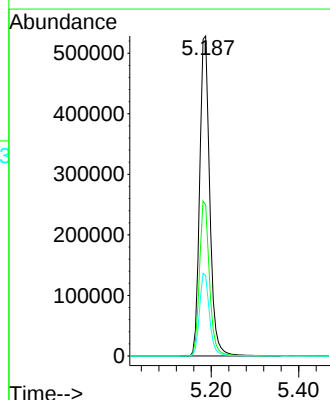
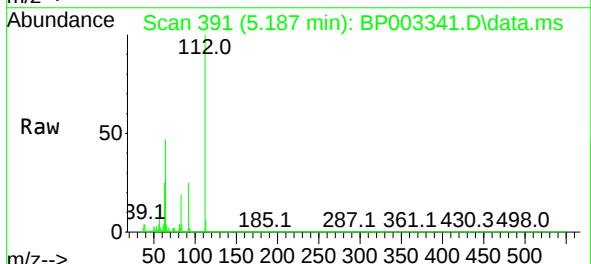
Manual Integrations
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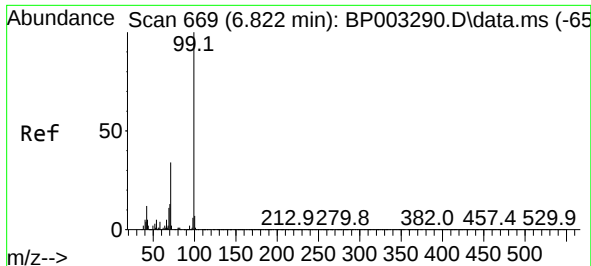
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#5
2-Fluorophenol
Concen: 101.08 ng
RT: 5.187 min Scan# 391
Delta R.T. 0.006 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21

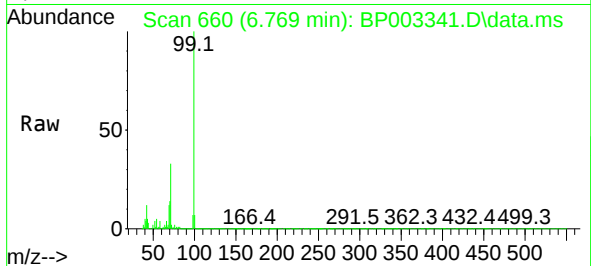
Tgt Ion:112 Resp: 847132
Ion Ratio Lower Upper
112 100
64 47.2 32.8 49.2
63 25.0 17.0 25.4





#7
Phenol-d6
Concen: 98.11 ng
RT: 6.769 min Scan# 660
Delta R.T. -0.000 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21

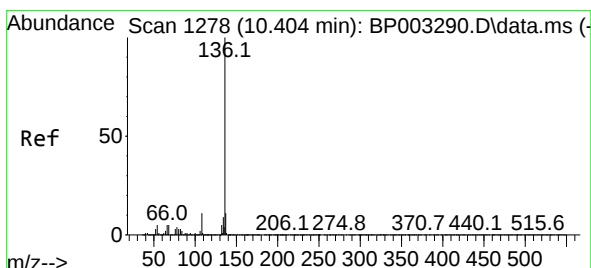
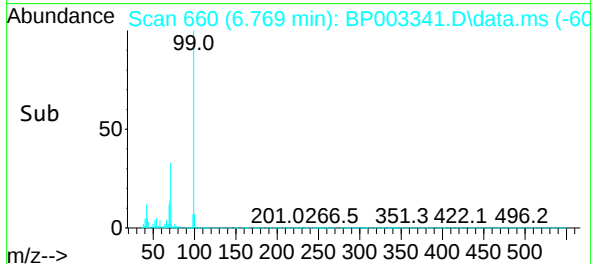
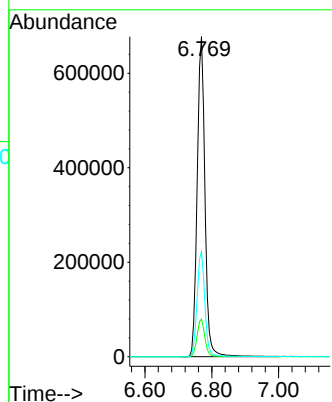
Instrument :
BNA_P
ClientSampleId :
031



Tgt Ion: 99 Resp: 1096060
Ion Ratio Lower Upper
99 100
42 11.7 8.6 13.0
71 32.9 23.4 35.2

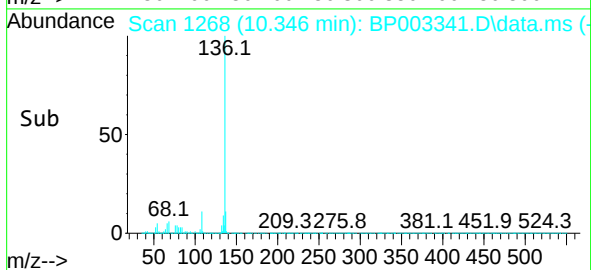
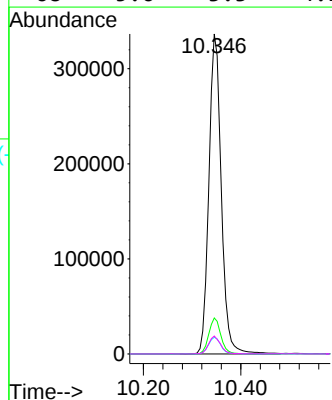
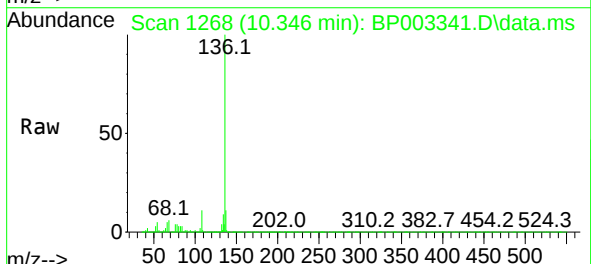
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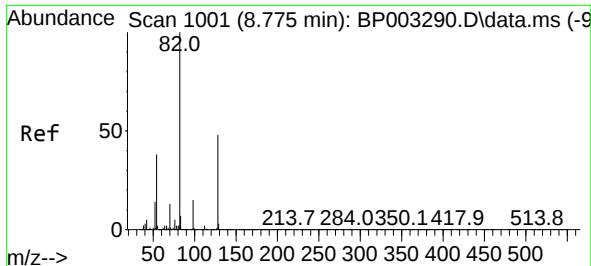
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.346 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21

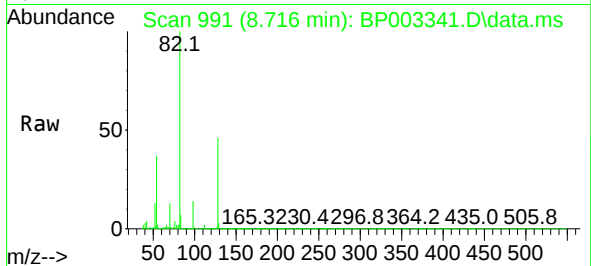
Tgt Ion: 136 Resp: 591162
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 5.2 3.6 5.4
68 5.6 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 69.59 ng
RT: 8.716 min Scan# 991
Delta R.T. -0.006 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21

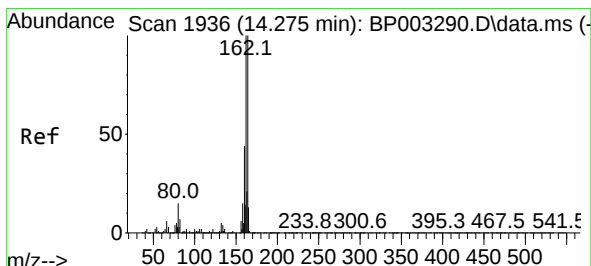
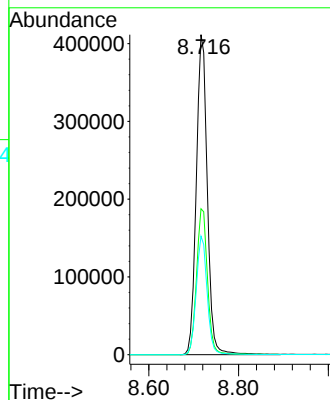
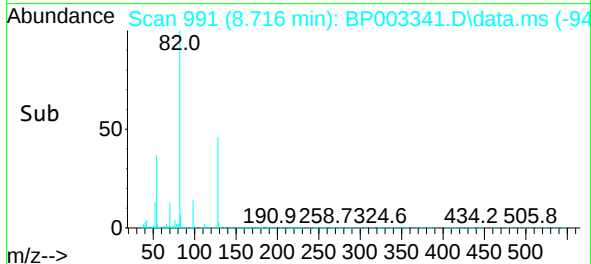
Instrument :
BNA_P
ClientSampled :
031



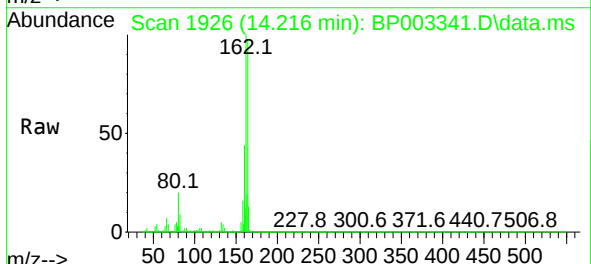
Tgt Ion: 82 Resp: 700271
Ion Ratio Lower Upper
82 100
128 45.6 45.6 68.4#
54 37.0 30.1 45.1

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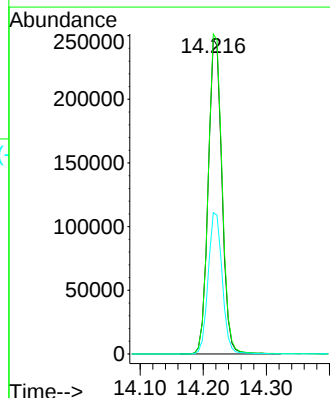
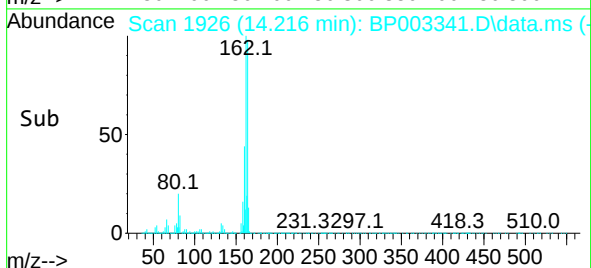
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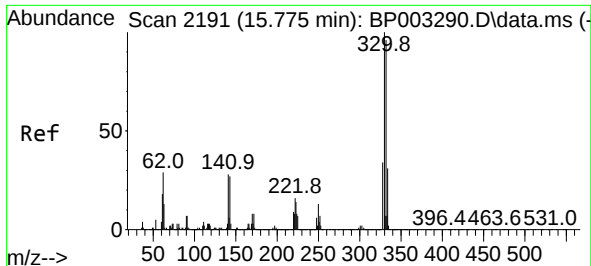


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.216 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21



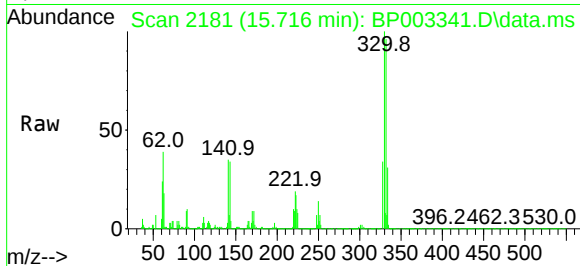
Tgt Ion: 164 Resp: 373562
Ion Ratio Lower Upper
164 100
162 101.7 79.4 119.2
160 44.9 36.1 54.1





#42
2,4,6-Tribromophenol
Concen: 80.16 ng
RT: 15.716 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21

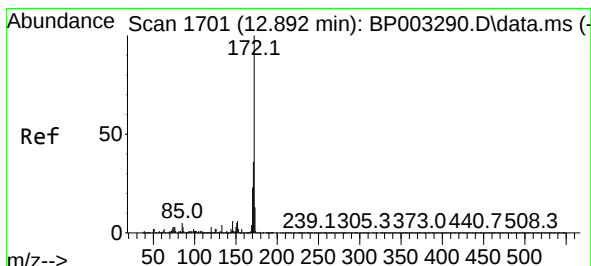
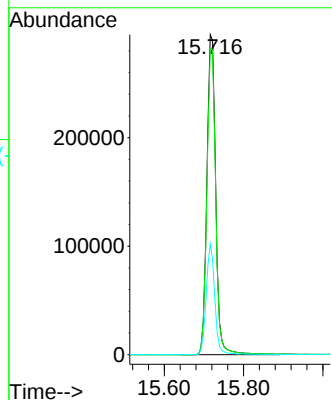
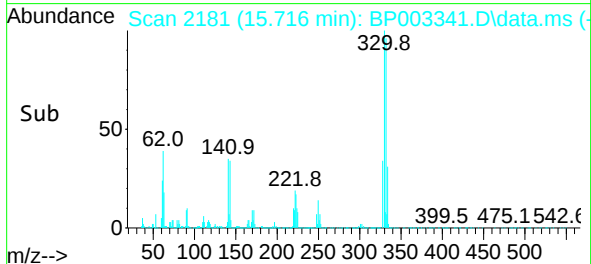
Instrument :
BNA_P
ClientSampled :
031



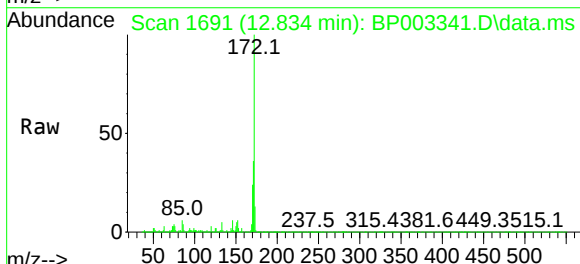
Tgt Ion:330 Resp: 456733
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 33.8 23.4 35.2

Manual Integrations
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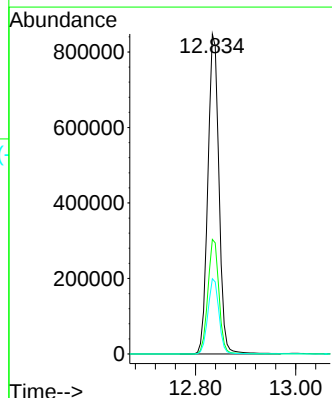
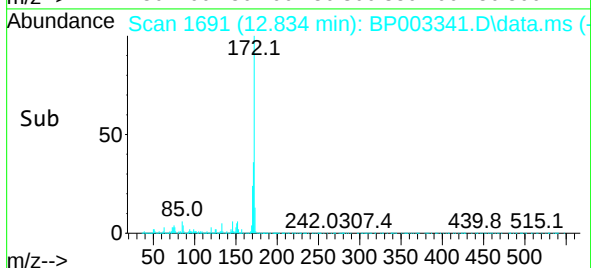
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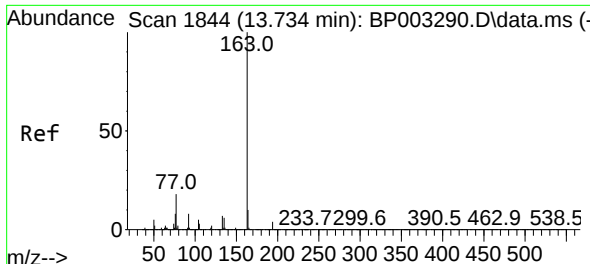


#45
2-Fluorobiphenyl
Concen: 51.06 ng
RT: 12.834 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21



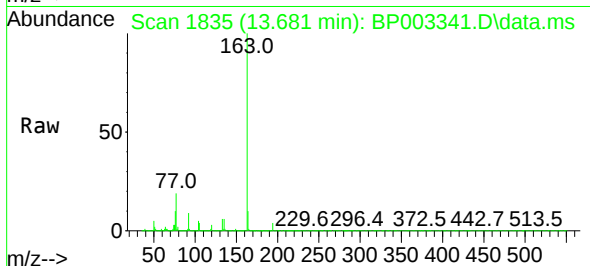
Tgt Ion:172 Resp: 1304098
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.5 19.2 28.8





#50
Dimethylphthalate
Concen: 8.71 ng
RT: 13.681 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21

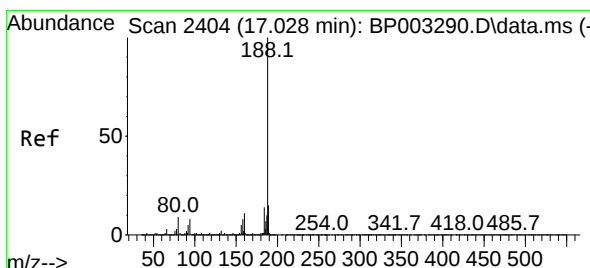
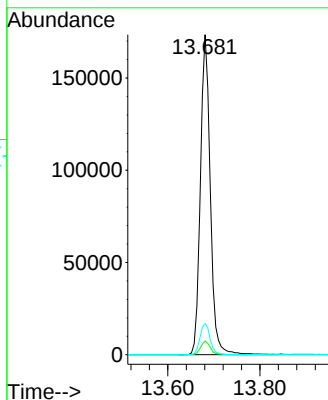
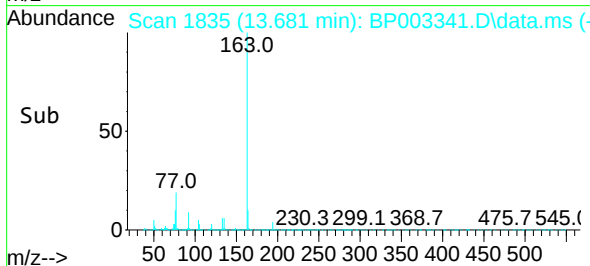
Instrument :
BNA_P
ClientSampleId :
031



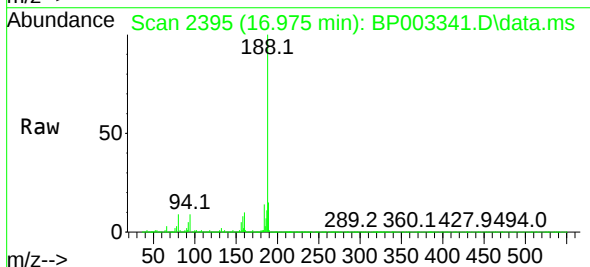
Tgt Ion:163 Resp: 259737
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 9.7 8.2 12.2

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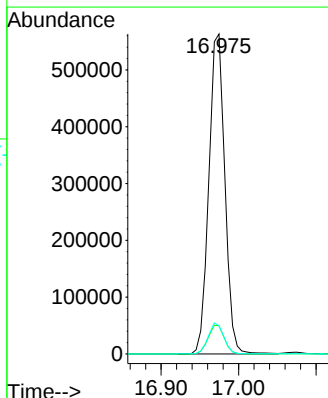
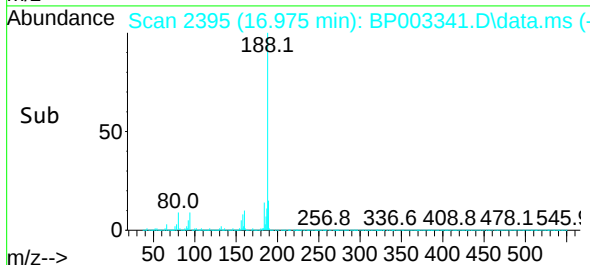
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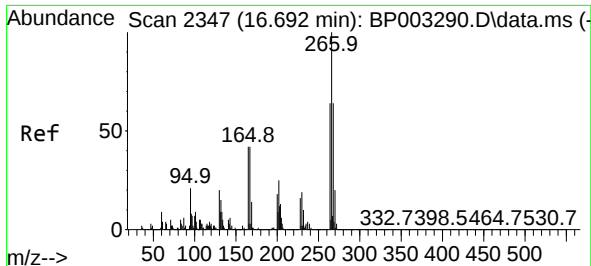


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.975 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21



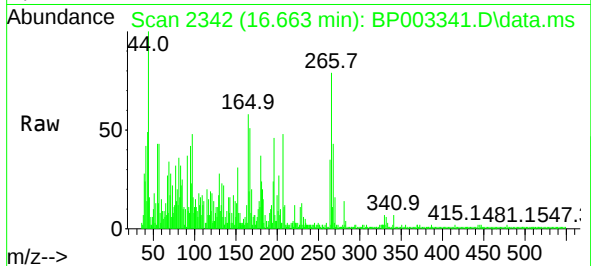
Tgt Ion:188 Resp: 809111
Ion Ratio Lower Upper
188 100
94 8.8 6.2 9.2
80 8.9 6.2 9.2





#70
Pentachlorophenol
Concen: 7.03 ng m
RT: 16.663 min Scan# 2342
Delta R.T. 0.023 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21

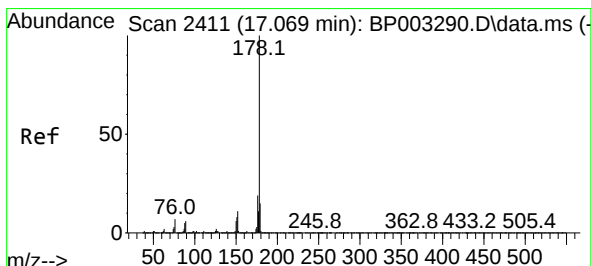
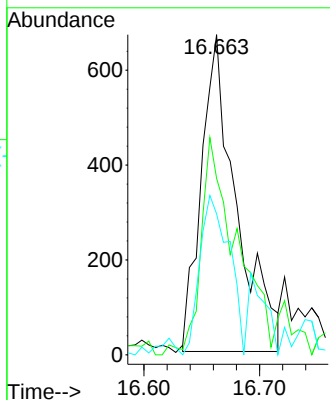
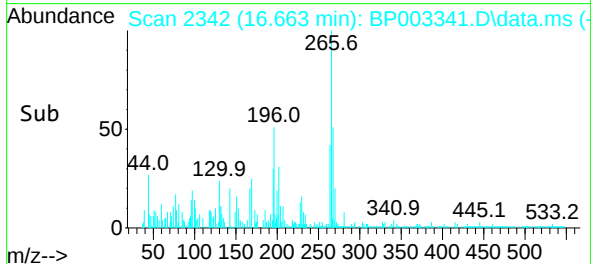
Instrument :
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ClientSampled :
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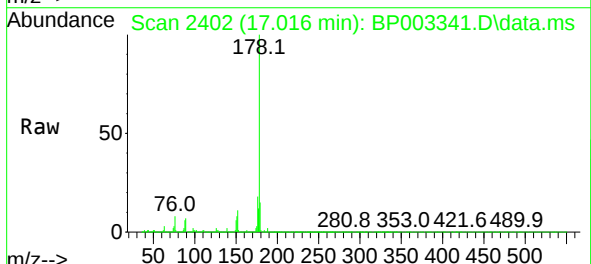
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Ion Ratio Lower Upper
266 100
268 55.1 51.1 76.7
264 44.0 50.6 76.0#

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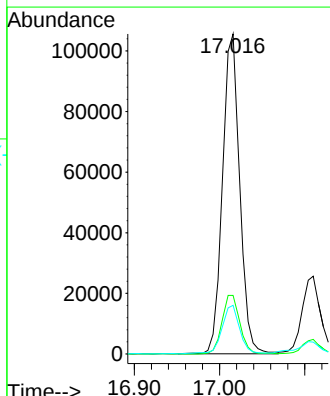
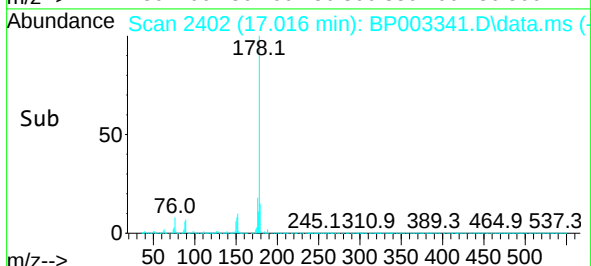
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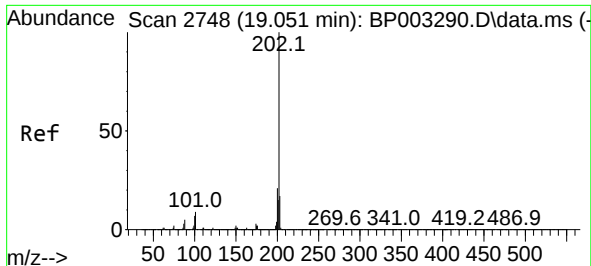


#71
Phenanthrene
Concen: 3.37 ng
RT: 17.016 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21



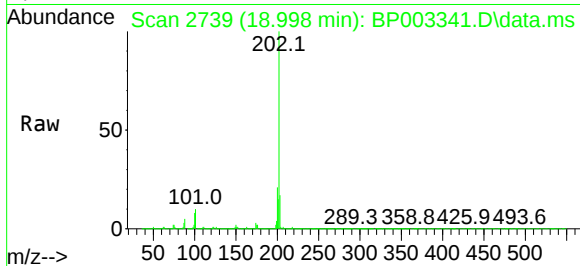
Tgt Ion:178 Resp: 148220
Ion Ratio Lower Upper
178 100
176 18.3 15.3 22.9
179 15.2 12.5 18.7





#75
Fluoranthene
Concen: 9.17 ng
RT: 18.998 min Scan# 2739
Delta R.T. -0.000 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21

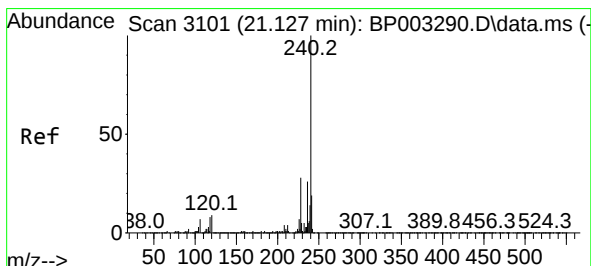
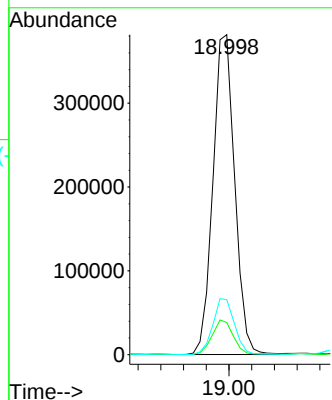
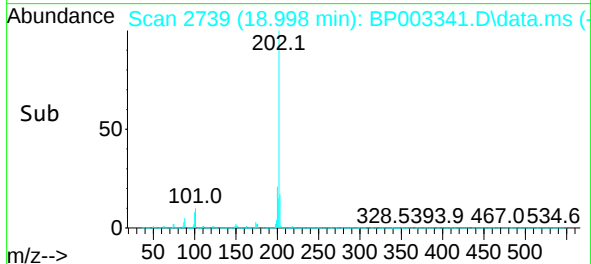
Instrument :
BNA_P
ClientSampleId :
031



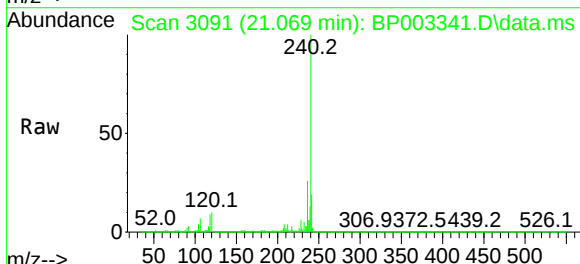
Tgt Ion:202 Resp: 507568
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.4
203 17.2 0.0 37.8

Manual Integrations
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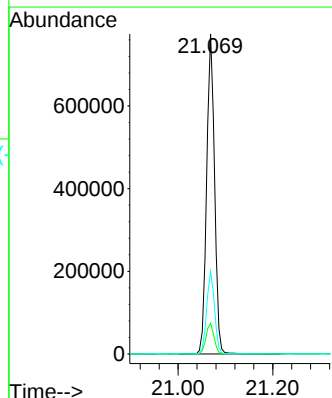
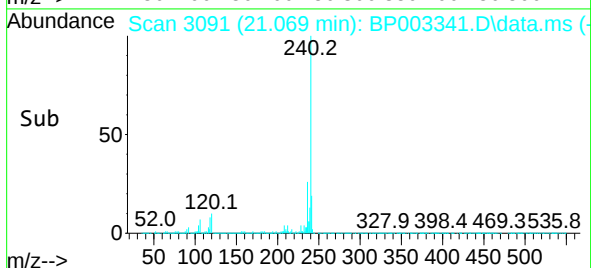
mohammad
9/23/2020 10:43:55 AM

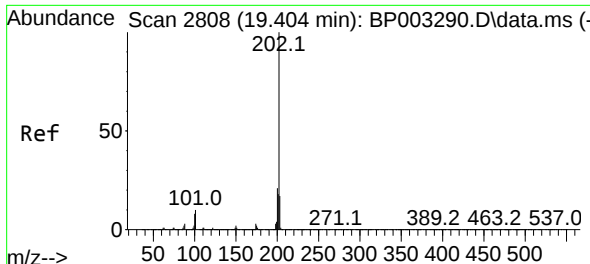


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.069 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21



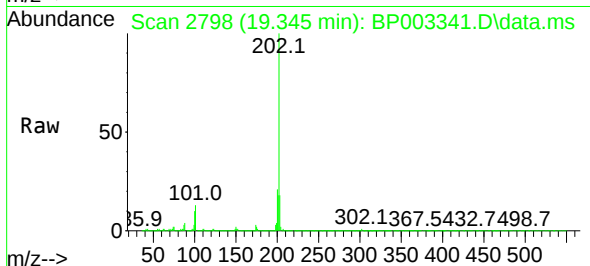
Tgt Ion:240 Resp: 895656
Ion Ratio Lower Upper
240 100
120 9.6 7.8 11.6
236 25.8 20.8 31.2





#78
Pyrene
Concen: 8.06 ng
RT: 19.345 min Scan# 2798
Delta R.T. -0.006 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21

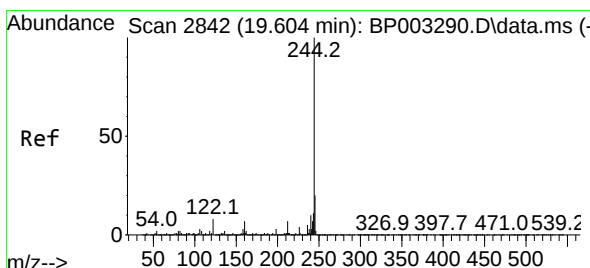
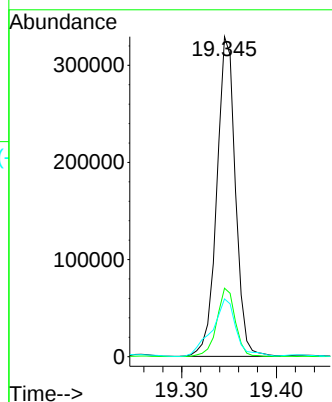
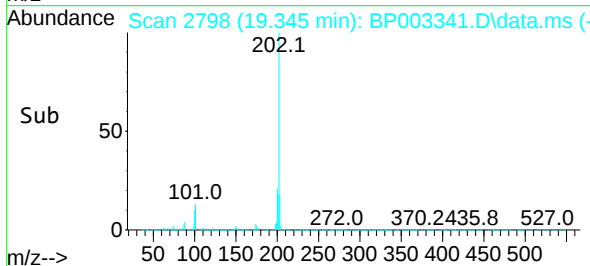
Instrument :
BNA_P
ClientSampleId :
031



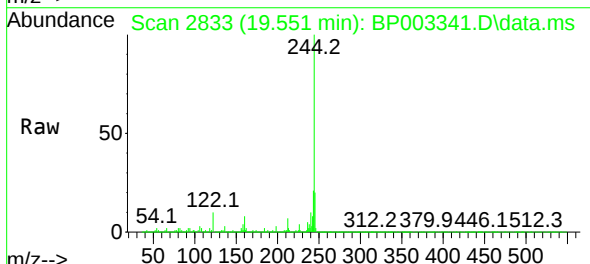
Tgt Ion:202 Resp: 449985
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 18.1 14.2 21.2

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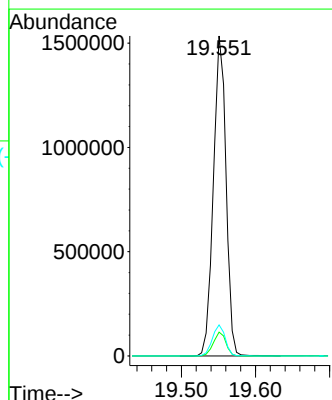
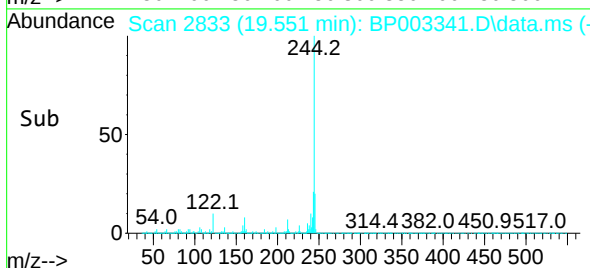
mohammad
9/23/2020 10:43:55 AM

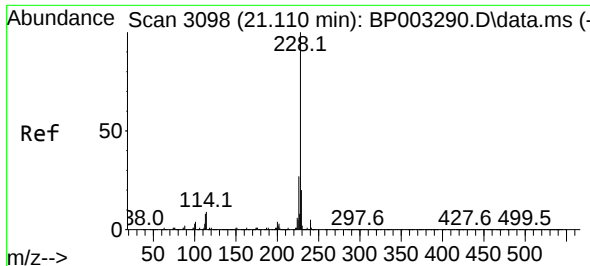


#79
Terphenyl-d14
Concen: 42.20 ng
RT: 19.551 min Scan# 2833
Delta R.T. -0.000 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21



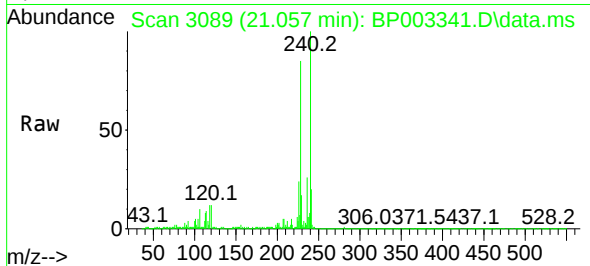
Tgt Ion:244 Resp: 1814245
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 9.7 7.8 11.8





#81
Benzo(a)anthracene
Concen: 4.51 ng
RT: 21.057 min Scan# 3089
Delta R.T. -0.000 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21

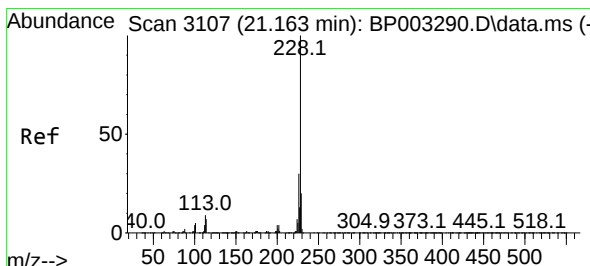
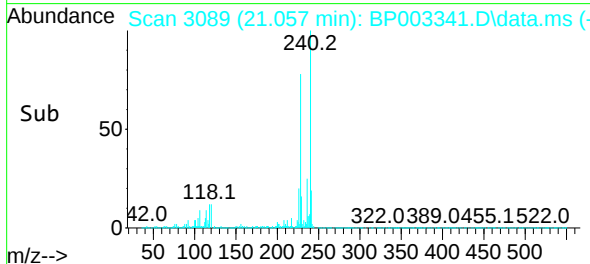
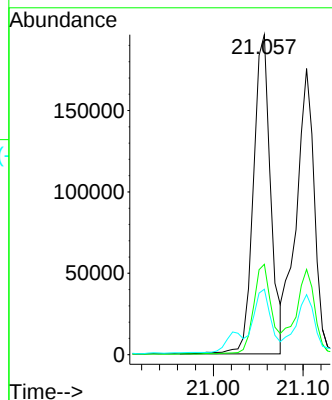
Instrument :
BNA_P
ClientSampleId :
031



Tgt Ion:228 Resp: 261310
Ion Ratio Lower Upper
228 100
226 28.3 22.1 33.1
229 20.5 15.9 23.9

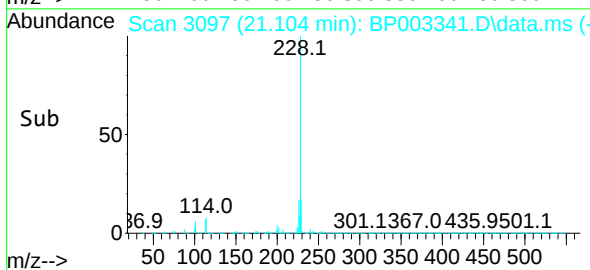
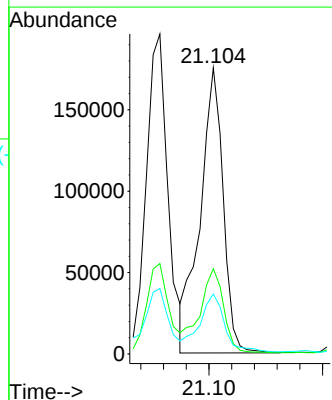
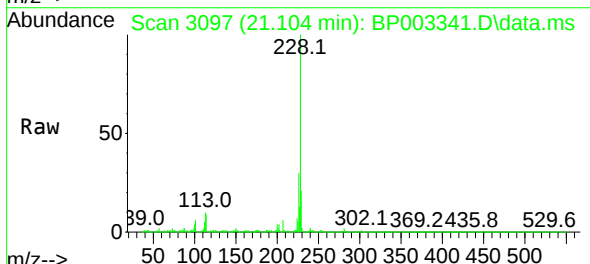
Manual Integrations
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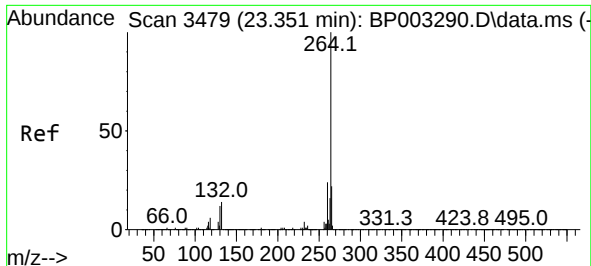
mohammad
9/23/2020 10:43:55 AM



#83
Chrysene
Concen: 4.45 ng
RT: 21.104 min Scan# 3097
Delta R.T. -0.000 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21

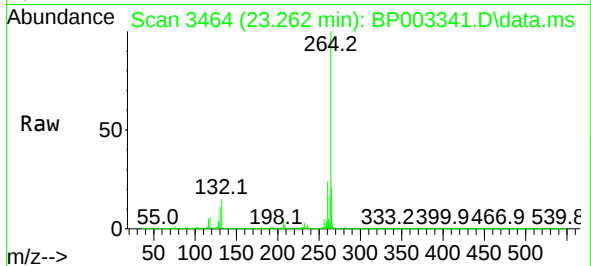
Tgt Ion:228 Resp: 247339
Ion Ratio Lower Upper
228 100
226 29.8 24.4 36.6
229 21.0 15.8 23.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.262 min Scan# 3464
Delta R.T. -0.000 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21

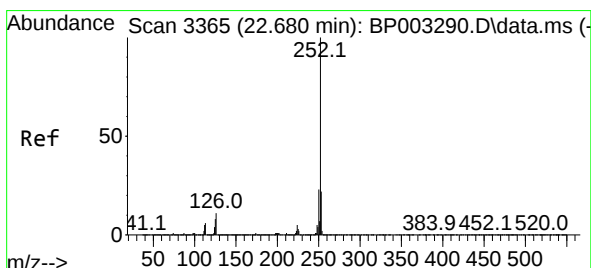
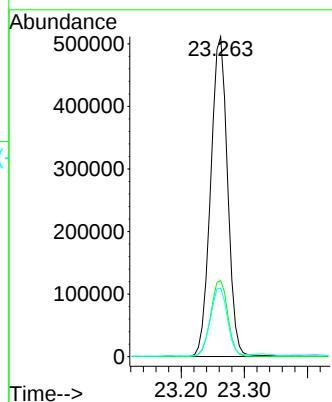
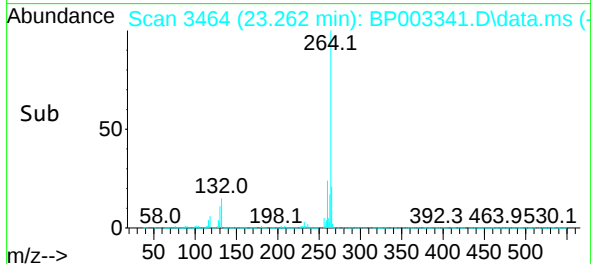
Instrument :
BNA_P
ClientSampleId :
031



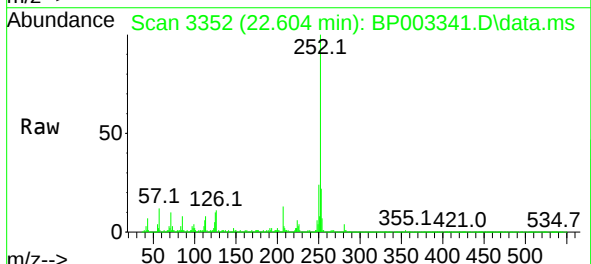
Tgt Ion:264 Resp: 949561
Ion Ratio Lower Upper
264 100
260 23.8 18.8 28.2
265 21.4 17.4 26.2

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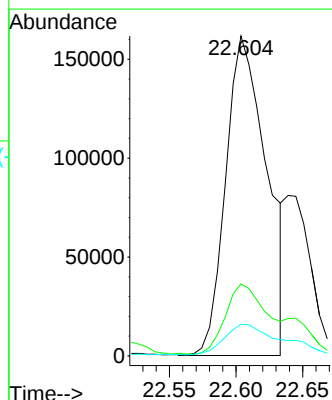
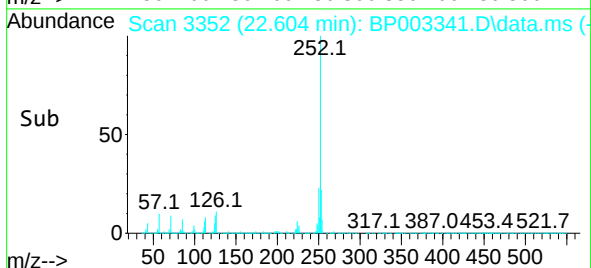
mohammad
9/23/2020 10:43:55 AM

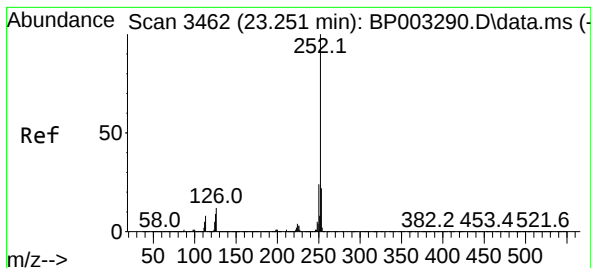


#88
Benzo(b)fluoranthene
Concen: 5.76 ng m
RT: 22.604 min Scan# 3352
Delta R.T. -0.000 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21



Tgt Ion:252 Resp: 345604
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 9.9 7.3 10.9





#90

Benzo(a)pyrene

Concen: 3.73 ng

RT: 23.163 min Scan# 3447

Delta R.T. -0.006 min

Lab File: BP003341.D

Acq: 22 Sep 2020 16:21

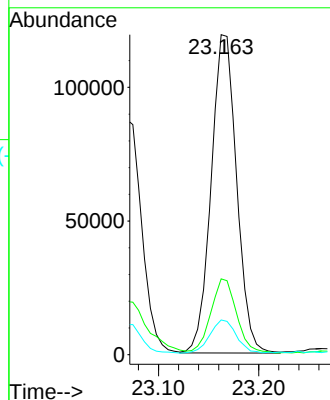
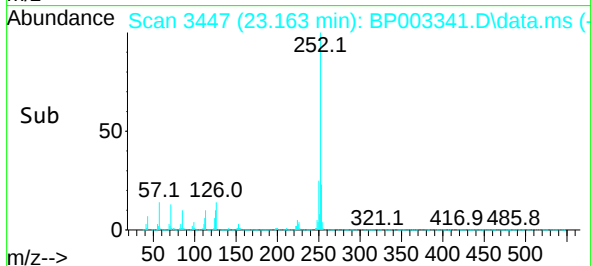
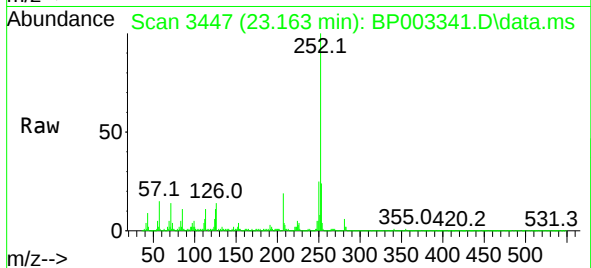
Tgt Ion:252 Resp: 210738

Ion Ratio Lower Upper

252 100

253 23.7 17.4 26.0

125 10.9 8.2 12.4



Instrument :

BNA_P

ClientSampleId :

031

Manual Integrations

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mohammad

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