

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092520\
 Data File : BP003390.D
 Acq On : 25 Sep 2020 20:07
 Operator : CG/JU
 Sample : L4131-02 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-215

Manual Integrations
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mohammad
 9/28/2020 11:11:20 AM

Quant Time: Sep 26 01:25:16 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	170402	20.00	ng	0.00
21) Naphthalene-d8	10.351	136	704853	20.00	ng	# 0.00
39) Acenaphthene-d10	14.234	164	302967	20.00	ng	0.01
64) Phenanthrene-d10	17.004	188	477070	20.00	ng	# 0.03
76) Chrysene-d12	21.092	240	538168	20.00	ng	0.02
86) Perylene-d12	23.292	264	643897	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	406417	41.65	ng	0.01
7) Phenol-d6	6.787	99	527384	40.54	ng	0.02
23) Nitrobenzene-d5	8.722	82	325791	27.15	ng	0.00
42) 2,4,6-Tribromophenol	15.745	330	165033	35.71	ng	0.02
45) 2-Fluorobiphenyl	12.840	172	770065	37.17	ng	0.00
79) Terphenyl-d14	19.574	244	661947	25.63	ng	0.02
Target Compounds						Qvalue
20) 3+4-Methylphenols	8.381	107	28141	2.35	ng	89
49) Acenaphthylene	13.951	152	97486	3.41	ng	# 33
50) Dimethylphthalate	13.687	163	158149	6.54	ng	# 85
52) Acenaphthene	14.298	154	93036	5.35	ng	91
55) Dibenzofuran	14.634	168	113548	4.09	ng	# 64
58) Fluorene	15.292	166	159395	7.27	ng	# 79
71) Phenanthrene	17.051	178	1690463	65.13	ng	# 92
72) Anthracene	17.139	178	394455	15.42	ng	# 77
73) Carbazole	17.410	167	156650	6.45	ng	# 43
75) Fluoranthene	19.039	202	2474419	75.82	ng	96
78) Pyrene	19.386	202	2043227	60.88	ng	98
81) Benzo(a)anthracene	21.074	228	1115923	32.08	ng	99
83) Chrysene	21.127	228	1124228	33.64	ng	98
84) Bis(2-ethylhexyl)phtha...	21.004	149	331107	15.32	ng	# 96
87) Indeno(1,2,3-cd)pyrene	25.533	276	785667	16.10	ng	# 94
88) Benzo(b)fluoranthene	22.633	252	1580434	38.87	ng	98
89) Benzo(k)fluoranthene	22.674	252	459544m	11.79	ng	
90) Benzo(a)pyrene	23.198	252	1025995	26.76	ng	98
91) Dibenzo(a,h)anthracene	25.527	278	201108	4.99	ng	# 89
92) Benzo(g,h,i)perylene	26.215	276	749086	18.63	ng	97

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

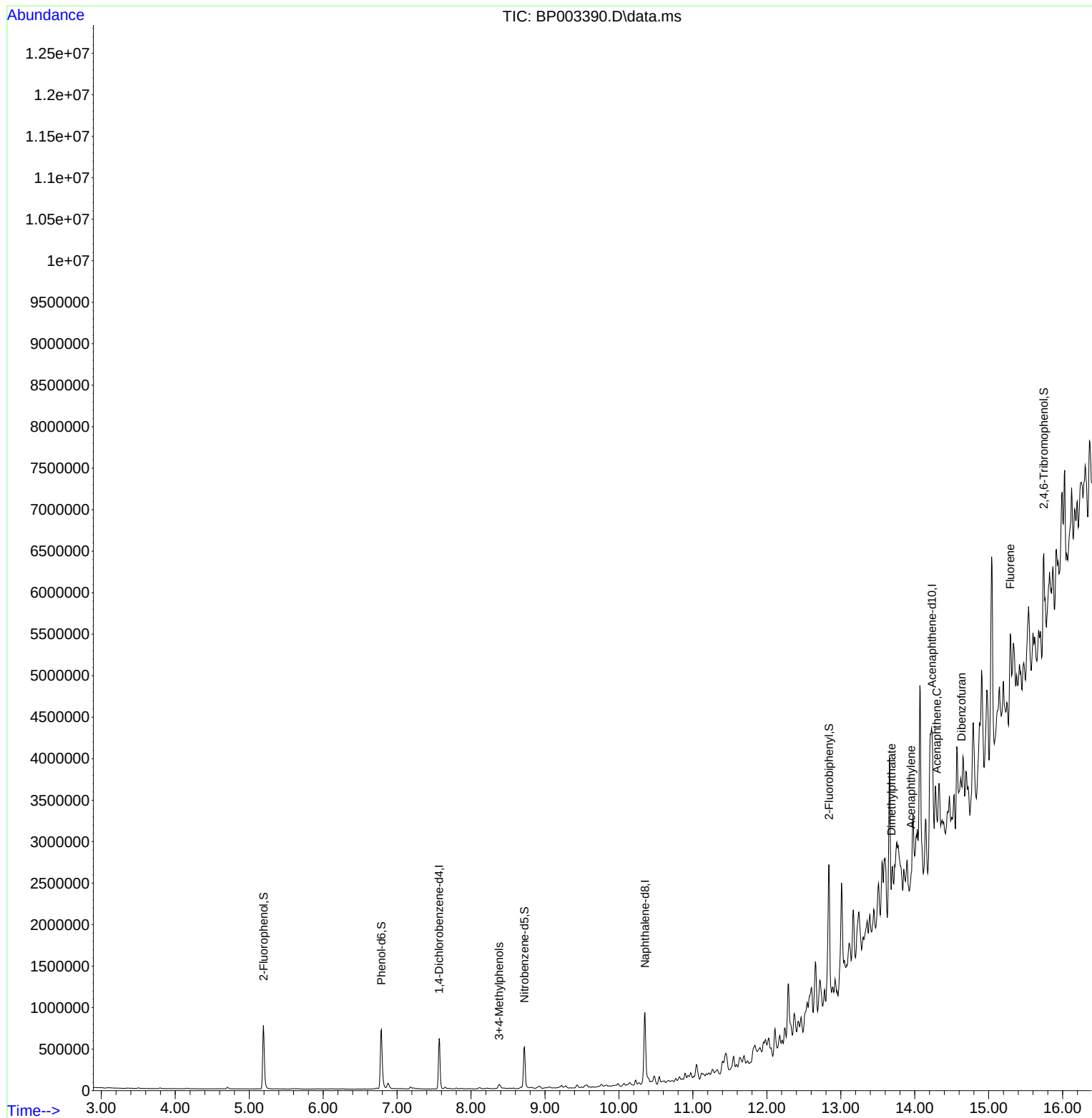
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092520\
Data File : BP003390.D
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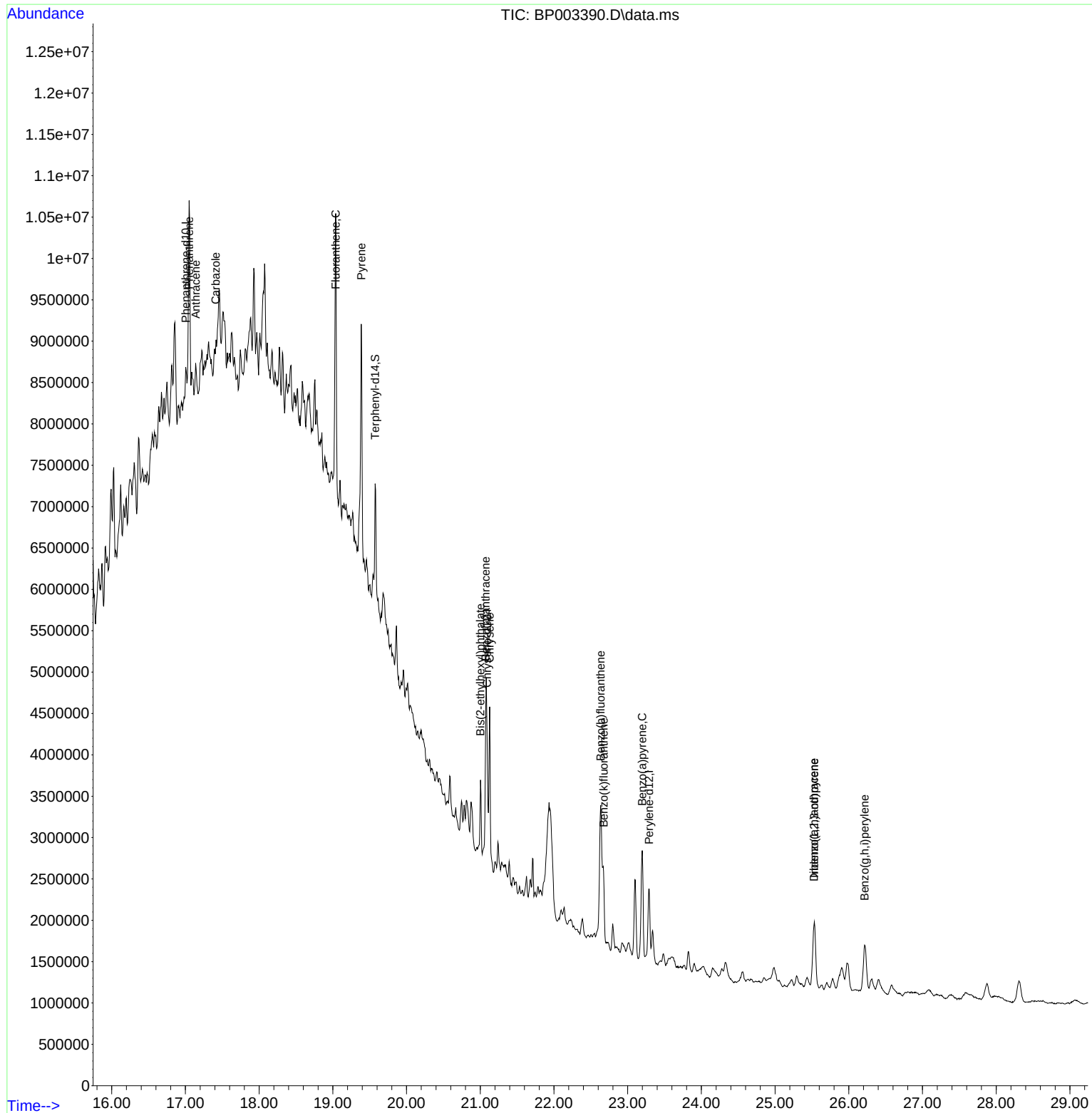
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Acq On : 25 Sep 2020 20:07
Operator : CG/JU
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ALS Vial : 16 Sample Multiplier: 1

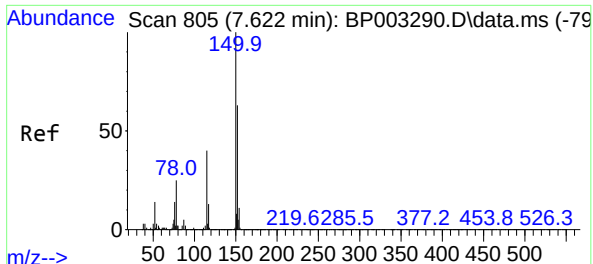
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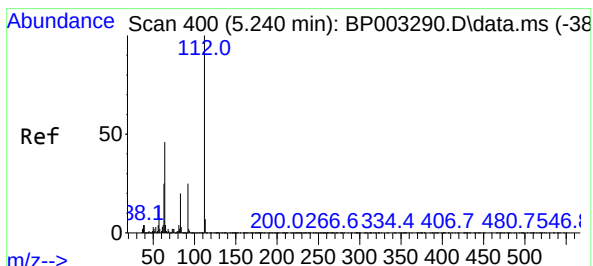
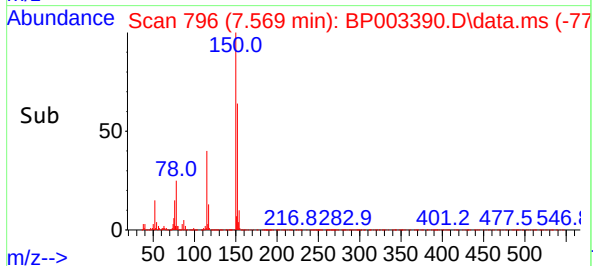
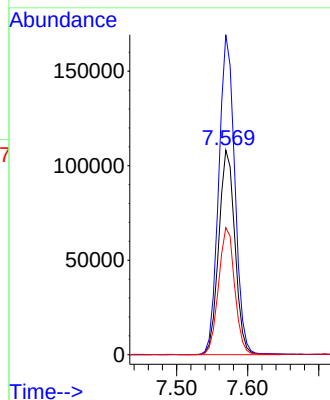
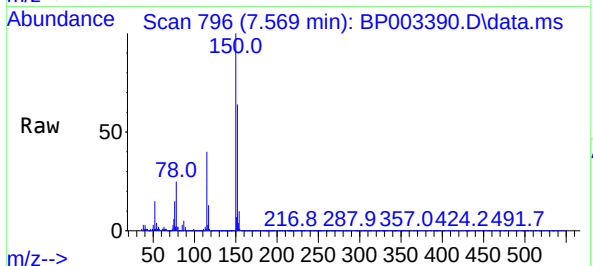
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.569 min Scan# 796
Delta R.T. 0.000 min
Lab File: BP003390.D
Acq: 25 Sep 2020 20:07

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.8	185.6
115	62.0	43.8	65.6

Instrument :
BNA_P
ClientSampled :
VNJ-215

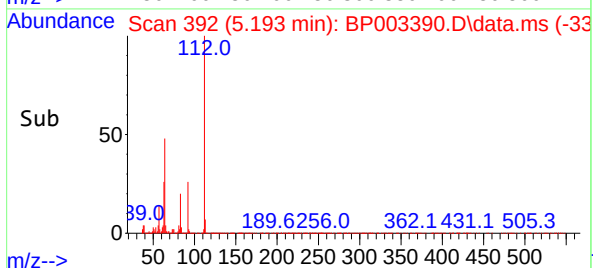
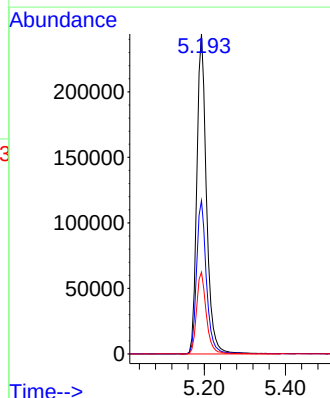
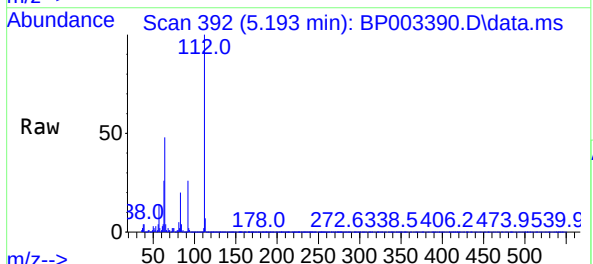
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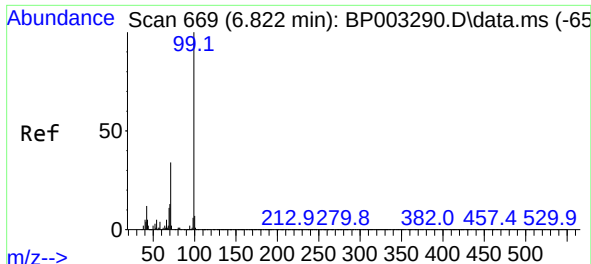
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#5
2-Fluorophenol
Concen: 41.65 ng
RT: 5.193 min Scan# 392
Delta R.T. 0.012 min
Lab File: BP003390.D
Acq: 25 Sep 2020 20:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.9	32.8	49.2
63	25.5	17.0	25.4





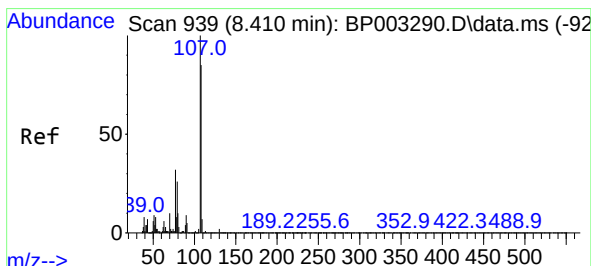
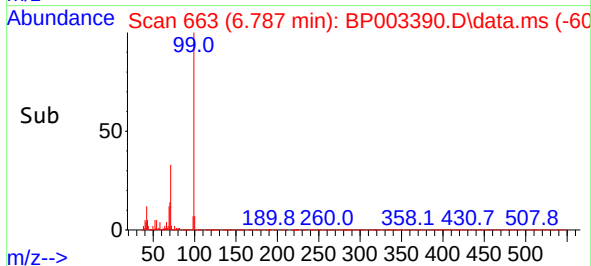
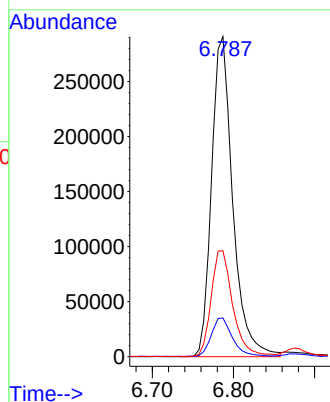
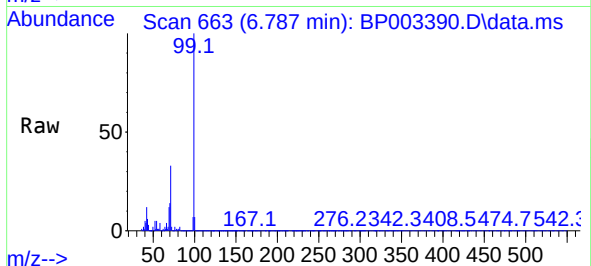
#7
Phenol-d6
Concen: 40.54 ng
RT: 6.787 min Scan# 663
Delta R.T. 0.018 min
Lab File: BP003390.D
Acq: 25 Sep 2020 20:07

Tgt Ion: 99 Resp: 527384
Ion Ratio Lower Upper
99 100
42 12.1 8.6 13.0
71 33.1 23.4 35.2

Instrument :
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ClientSampled :
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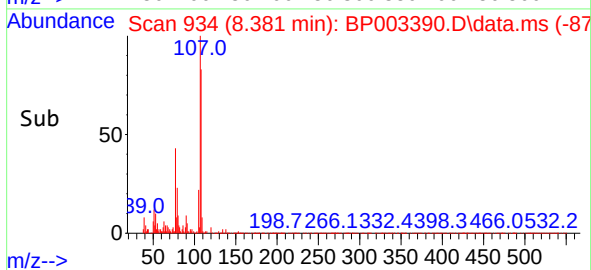
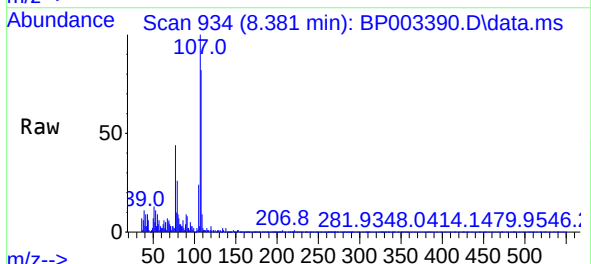
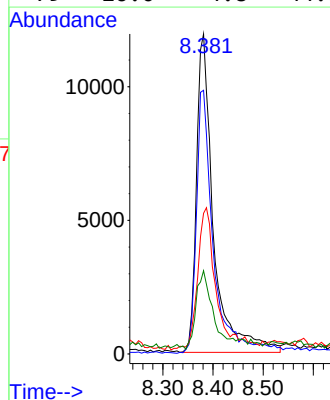
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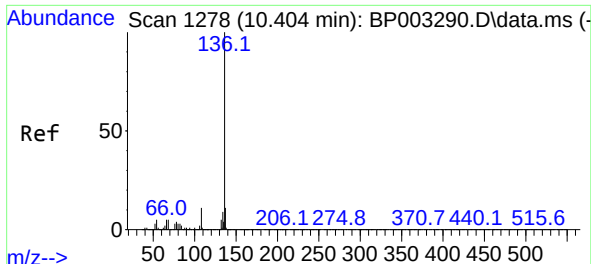
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#20
3+4-Methylphenols
Concen: 2.35 ng
RT: 8.381 min Scan# 934
Delta R.T. 0.024 min
Lab File: BP003390.D
Acq: 25 Sep 2020 20:07

Tgt Ion: 107 Resp: 28141
Ion Ratio Lower Upper
107 100
108 82.4 69.0 109.0
77 44.0 8.5 48.5
79 26.0 4.8 44.8





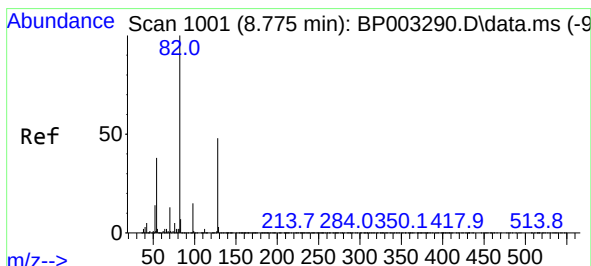
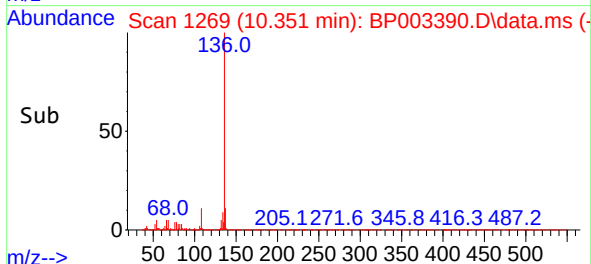
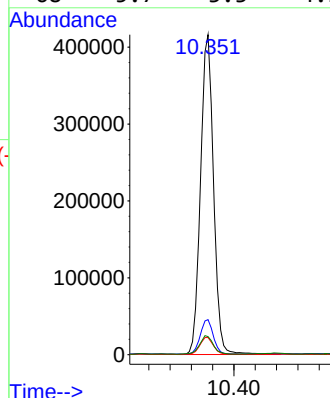
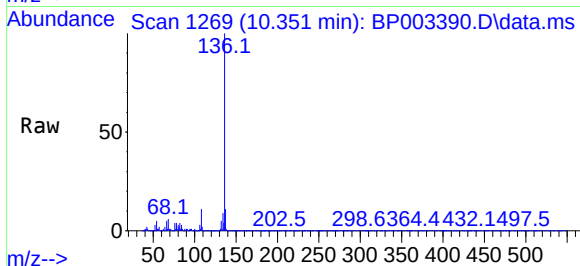
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.351 min Scan# 1269
Delta R.T. 0.006 min
Lab File: BP003390.D
Acq: 25 Sep 2020 20:07

Tgt Ion:	136	Resp:	704853
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	5.4	3.6	5.4
68	5.7	3.3	4.9#

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ClientSampled :
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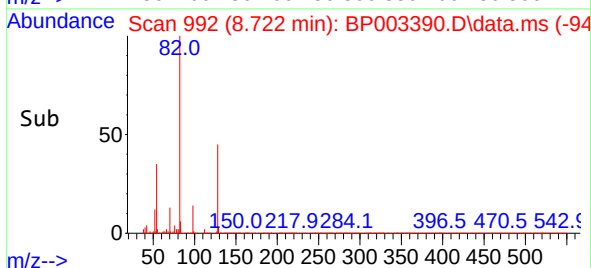
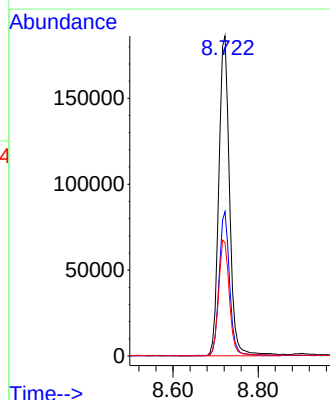
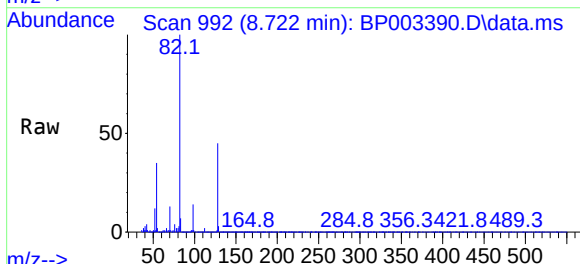
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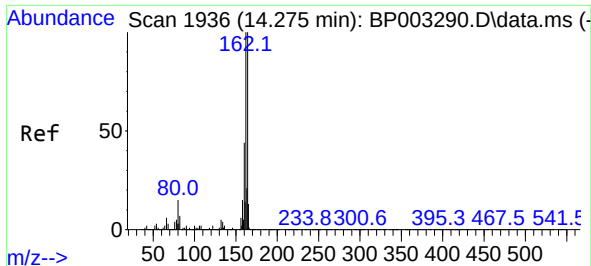
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#23
Nitrobenzene-d5
Concen: 27.15 ng
RT: 8.722 min Scan# 992
Delta R.T. 0.000 min
Lab File: BP003390.D
Acq: 25 Sep 2020 20:07

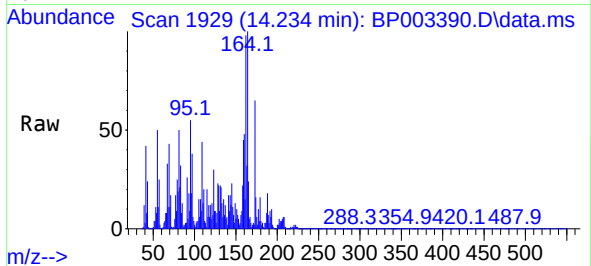
Tgt Ion:	82	Resp:	325791
Ion	Ratio	Lower	Upper
82	100		
128	45.1	45.6	68.4#
54	35.5	30.1	45.1





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.234 min Scan# 1929
Delta R.T. 0.012 min
Lab File: BP003390.D
Acq: 25 Sep 2020 20:07

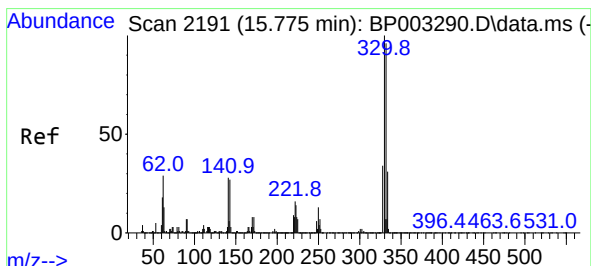
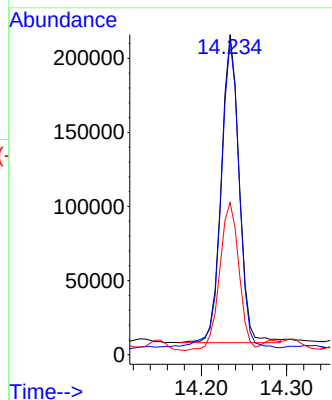
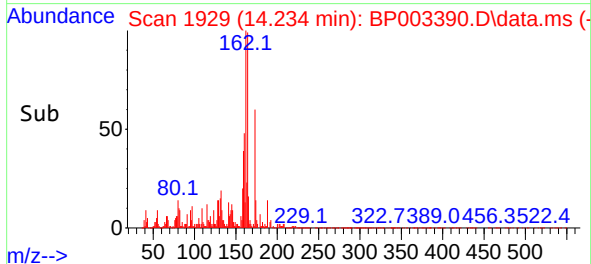
Instrument :
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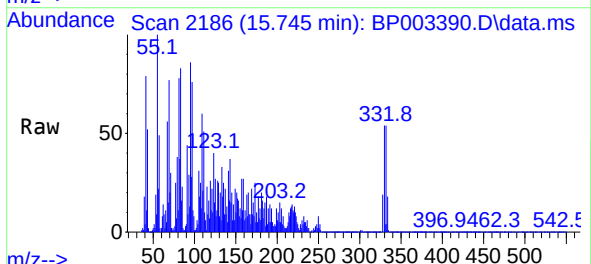
Tgt Ion:164 Resp: 302967
Ion Ratio Lower Upper
164 100
162 98.4 79.4 119.2
160 47.5 36.1 54.1

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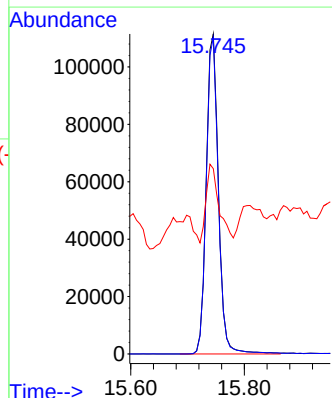
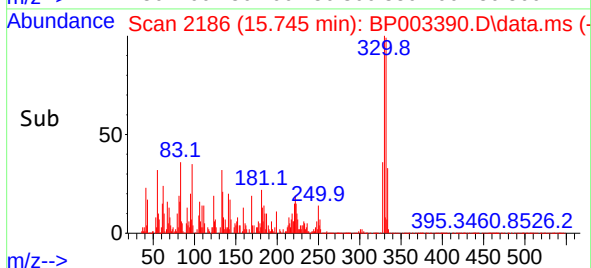
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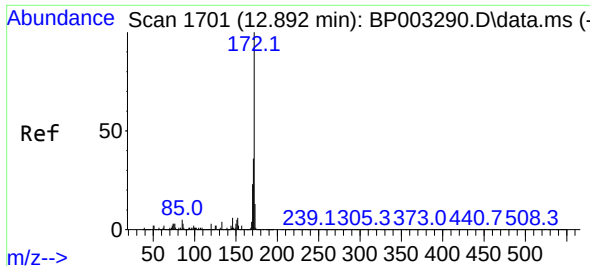


#42
2,4,6-Tribromophenol
Concen: 35.71 ng
RT: 15.745 min Scan# 2186
Delta R.T. 0.024 min
Lab File: BP003390.D
Acq: 25 Sep 2020 20:07



Tgt Ion:330 Resp: 165033
Ion Ratio Lower Upper
330 100
332 98.4 77.1 115.7
141 26.4 23.4 35.2





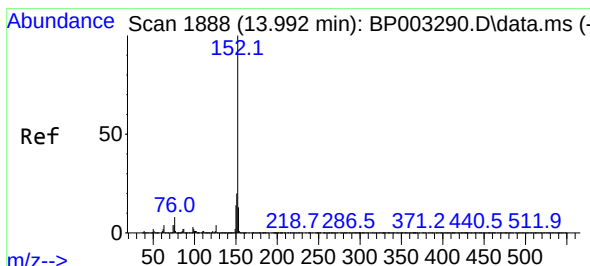
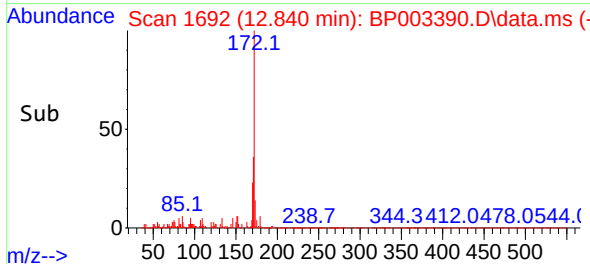
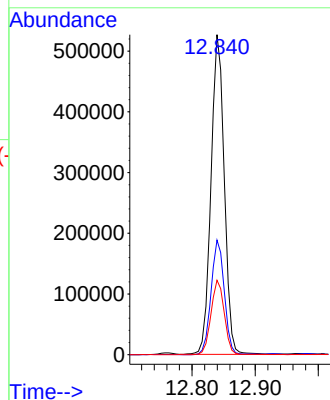
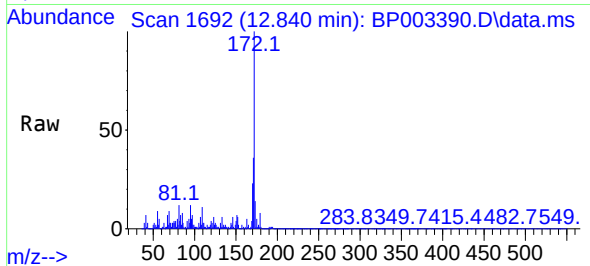
#45
2-Fluorobiphenyl
Concen: 37.17 ng
RT: 12.840 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BP003390.D
Acq: 25 Sep 2020 20:07

Tgt Ion:	172	Resp:	770065
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	23.3	19.2	28.8

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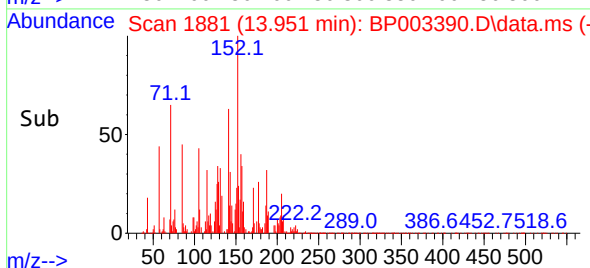
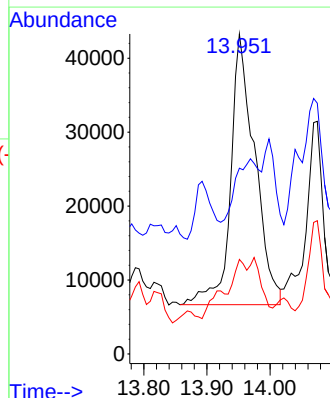
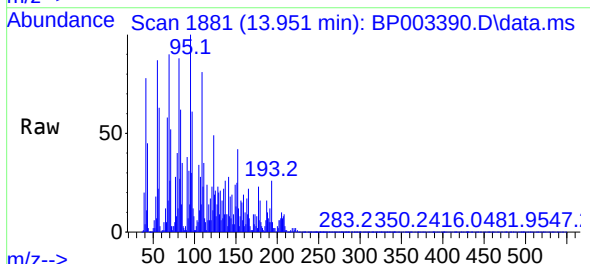
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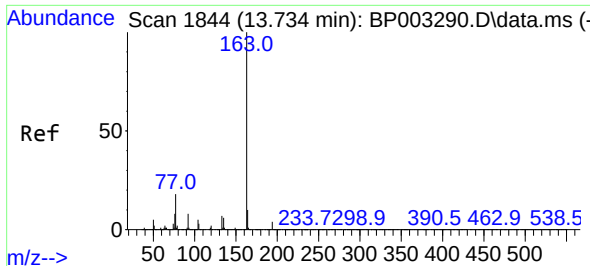
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#49
Acenaphthylene
Concen: 3.41 ng
RT: 13.951 min Scan# 1881
Delta R.T. 0.012 min
Lab File: BP003390.D
Acq: 25 Sep 2020 20:07

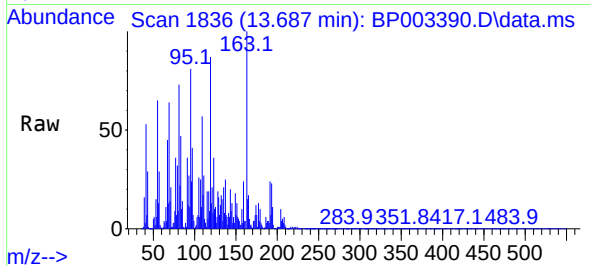
Tgt Ion:	152	Resp:	97486
Ion	Ratio	Lower	Upper
152	100		
151	58.0	15.9	23.9#
153	29.5	10.5	15.7#





#50
Dimethylphthalate
Concen: 6.54 ng
RT: 13.687 min Scan# 1836
Delta R.T. -0.000 min
Lab File: BP003390.D
Acq: 25 Sep 2020 20:07

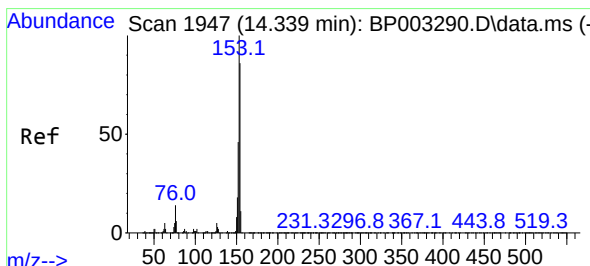
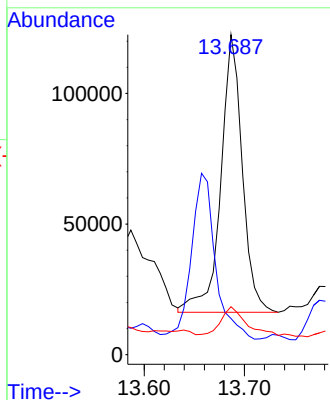
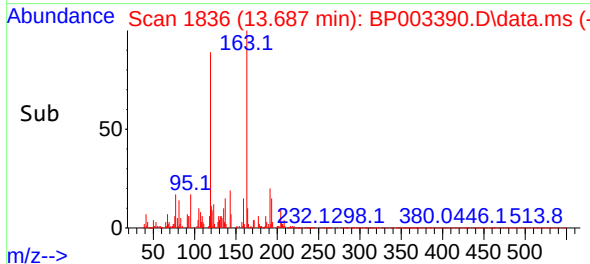
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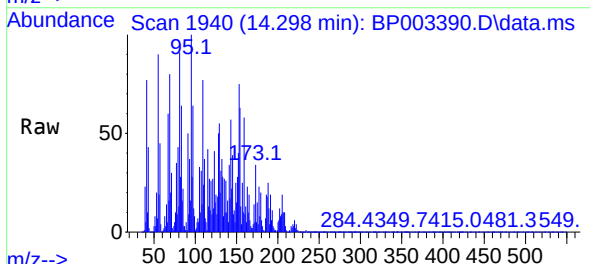
Tgt Ion:163 Resp: 158149
Ion Ratio Lower Upper
163 100
194 11.3 3.3 4.9#
164 15.0 8.2 12.2#

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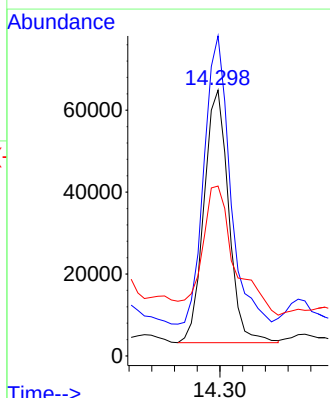
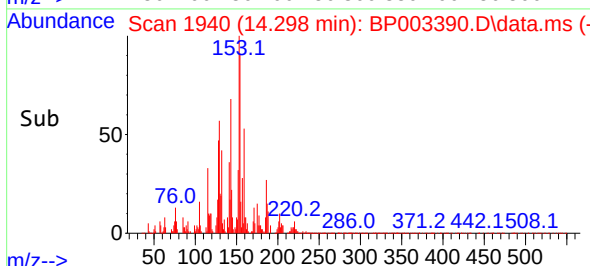
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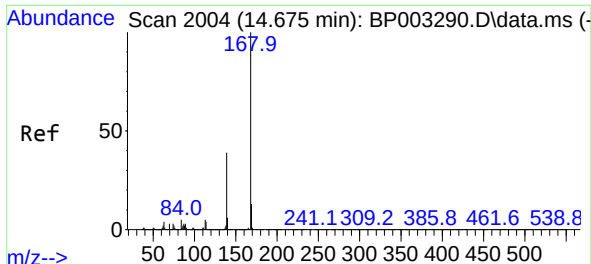


#52
Acenaphthene
Concen: 5.35 ng
RT: 14.298 min Scan# 1940
Delta R.T. 0.012 min
Lab File: BP003390.D
Acq: 25 Sep 2020 20:07



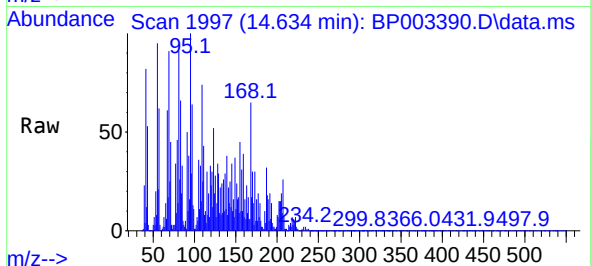
Tgt Ion:154 Resp: 93036
Ion Ratio Lower Upper
154 100
153 120.4 91.0 136.6
152 63.9 43.0 64.6





#55
Dibenzenofuran
Concen: 4.09 ng
RT: 14.634 min Scan# 1997
Delta R.T. 0.012 min
Lab File: BP003390.D
Acq: 25 Sep 2020 20:07

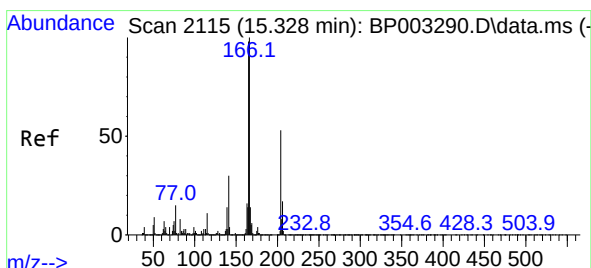
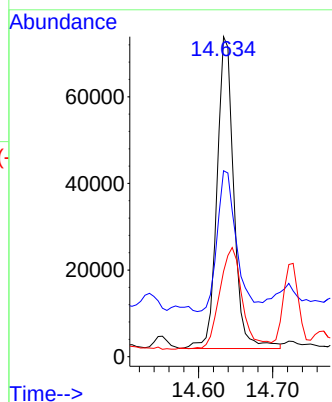
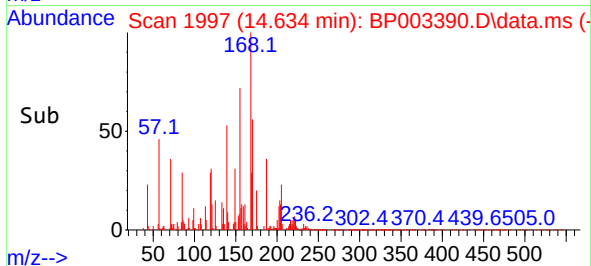
Instrument :
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ClientSampled :
VNJ-215



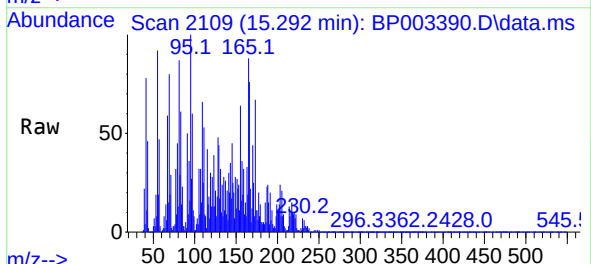
Tgt Ion:168 Resp: 113548
Ion Ratio Lower Upper
168 100
139 58.1 29.1 43.7#
169 26.6 10.4 15.6#

Manual Integrations
APPROVED

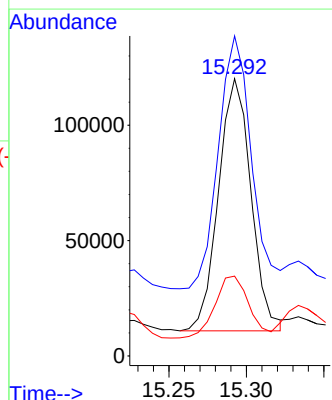
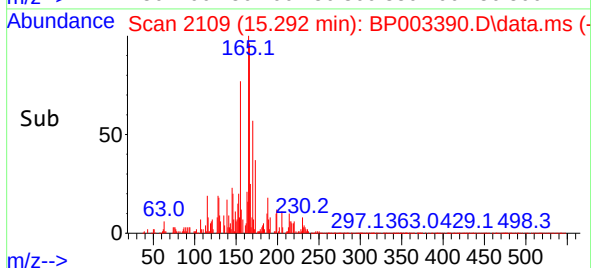
mohammad
9/28/2020 11:11:20 AM

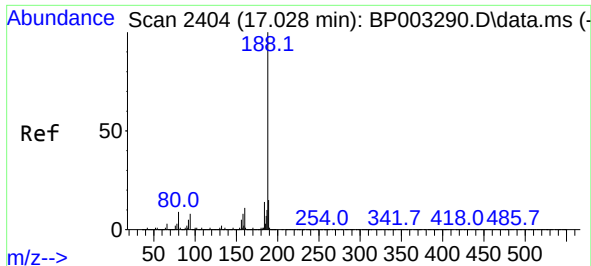


#58
Fluorene
Concen: 7.27 ng
RT: 15.292 min Scan# 2109
Delta R.T. 0.018 min
Lab File: BP003390.D
Acq: 25 Sep 2020 20:07



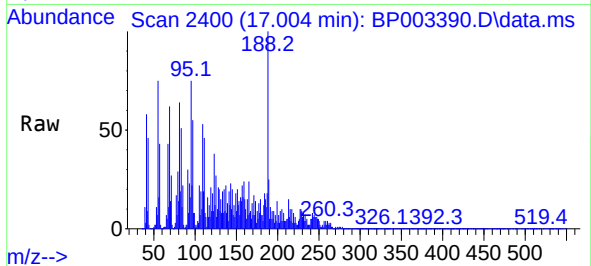
Tgt Ion:166 Resp: 159395
Ion Ratio Lower Upper
166 100
165 115.4 77.8 116.8
167 28.8 11.0 16.4#





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.004 min Scan# 2400
Delta R.T. 0.029 min
Lab File: BP003390.D
Acq: 25 Sep 2020 20:07

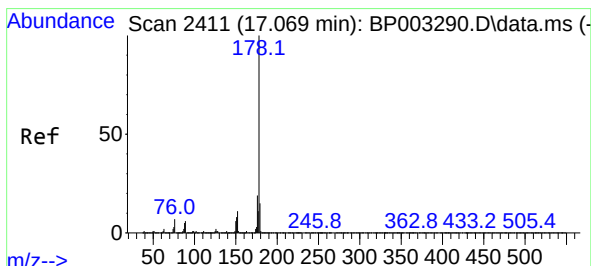
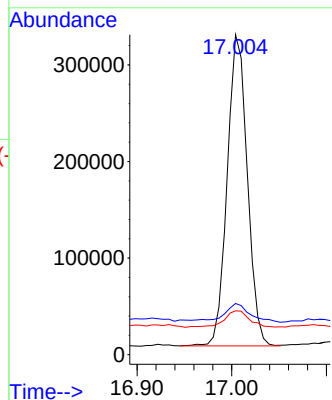
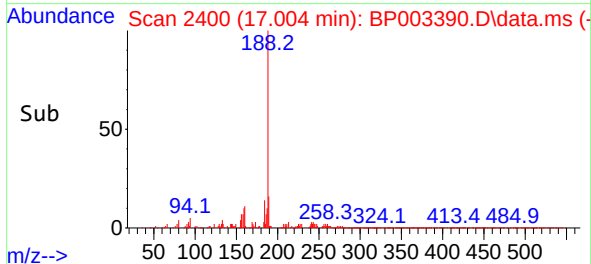
Instrument :
BNA_P
ClientSampled :
VNJ-215



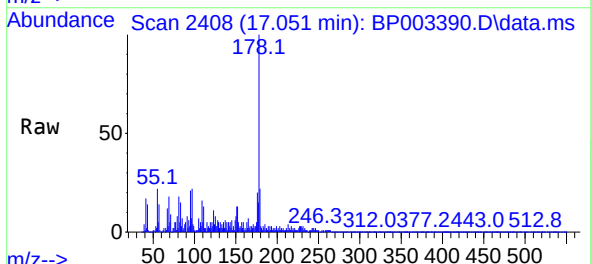
Tgt Ion:188 Resp: 477070
Ion Ratio Lower Upper
188 100
94 16.0 6.2 9.2#
80 13.7 6.2 9.2#

Manual Integrations
APPROVED

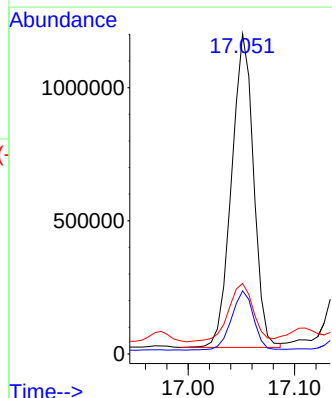
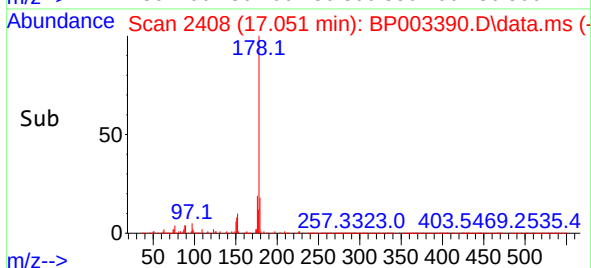
mohammad
9/28/2020 11:11:20 AM

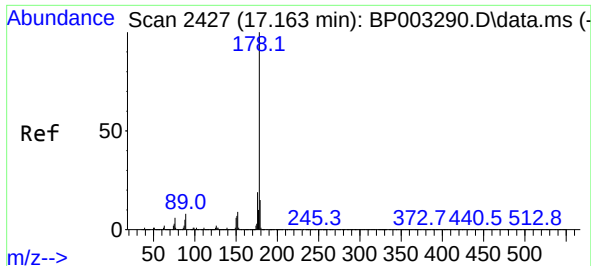


#71
Phenanthrene
Concen: 65.13 ng
RT: 17.051 min Scan# 2408
Delta R.T. 0.035 min
Lab File: BP003390.D
Acq: 25 Sep 2020 20:07



Tgt Ion:178 Resp: 1690463
Ion Ratio Lower Upper
178 100
176 19.7 15.3 22.9
179 22.1 12.5 18.7#





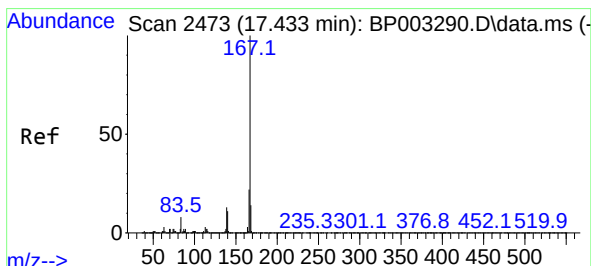
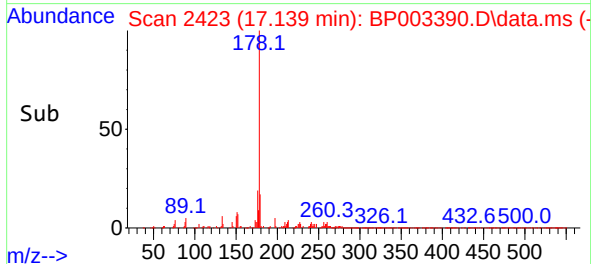
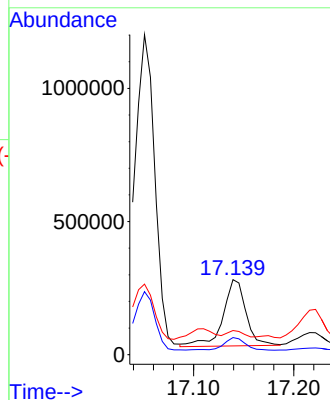
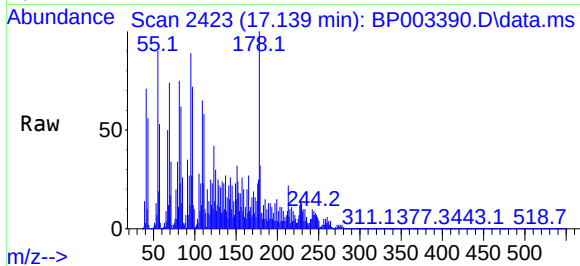
#72
Anthracene
Concen: 15.42 ng
RT: 17.139 min Scan# 2423
Delta R.T. 0.035 min
Lab File: BP003390.D
Acq: 25 Sep 2020 20:07

Tgt Ion:	178	Resp:	394455
Ion Ratio	Lower	Upper	
178	100		
176	22.8	15.0	22.4#
179	32.3	12.5	18.7#

Instrument :
BNA_P
ClientSampled :
VNJ-215

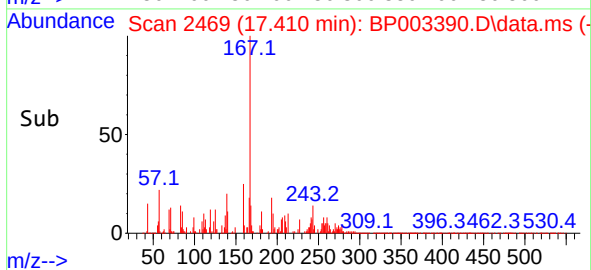
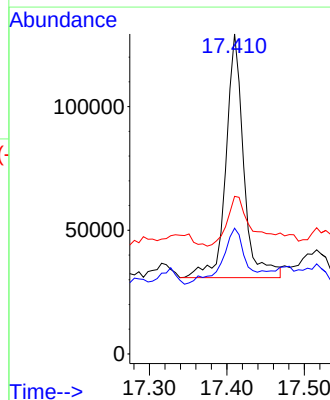
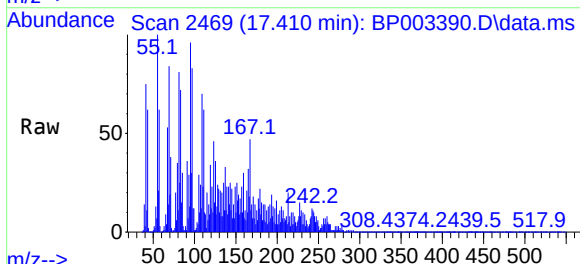
Manual Integrations
APPROVED

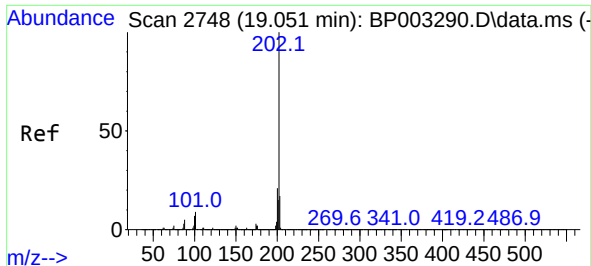
mohammad
9/28/2020 11:11:20 AM



#73
Carbazole
Concen: 6.45 ng
RT: 17.410 min Scan# 2469
Delta R.T. 0.029 min
Lab File: BP003390.D
Acq: 25 Sep 2020 20:07

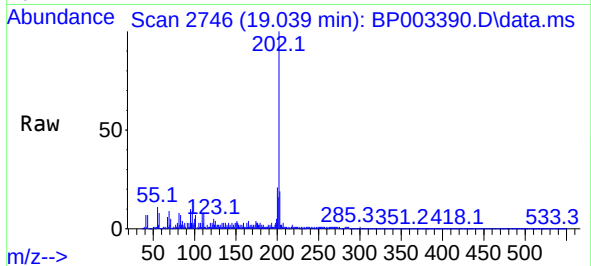
Tgt Ion:	167	Resp:	156650
Ion Ratio	Lower	Upper	
167	100		
166	39.3	17.6	26.4#
139	49.3	10.2	15.4#





#75
Fluoranthene
Concen: 75.82 ng
RT: 19.039 min Scan# 2746
Delta R.T. 0.041 min
Lab File: BP003390.D
Acq: 25 Sep 2020 20:07

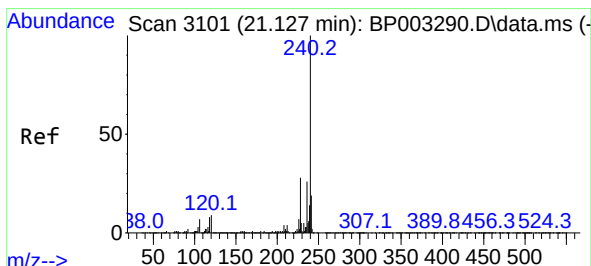
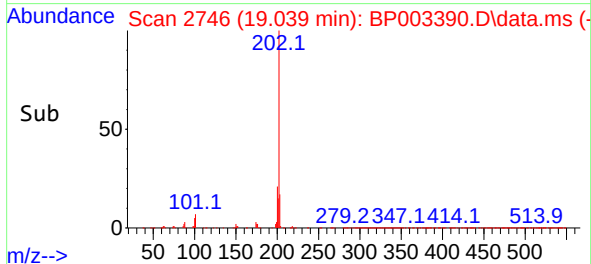
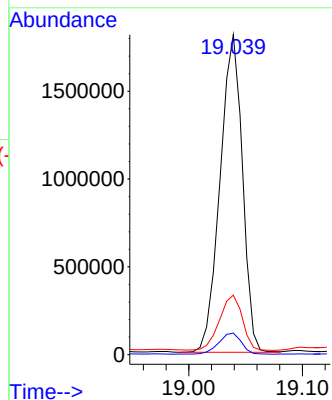
Instrument :
BNA_P
ClientSampled :
VNJ-215



Tgt Ion:202 Resp: 2474419
Ion Ratio Lower Upper
202 100
101 6.8 0.0 29.4
203 18.6 0.0 37.8

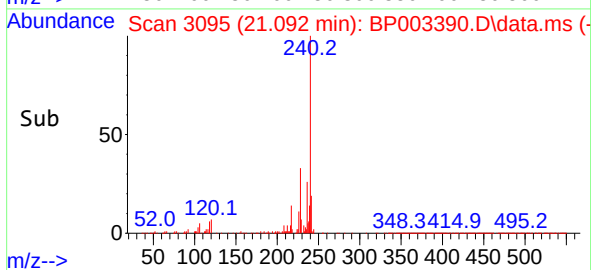
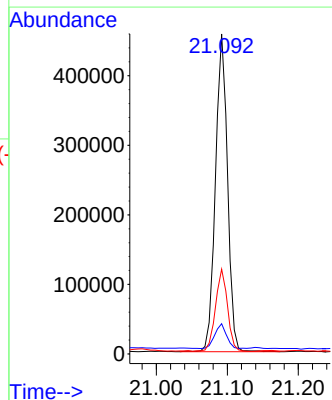
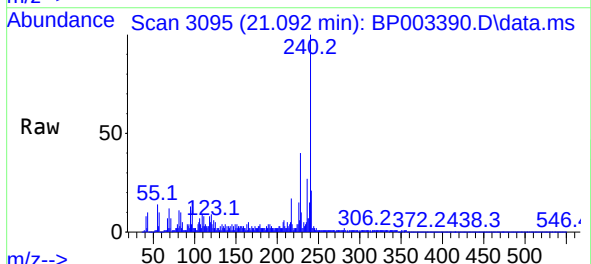
Manual Integrations
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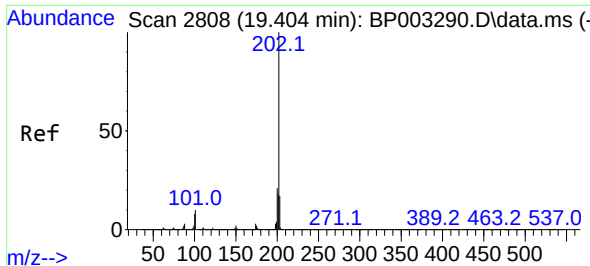
mohammad
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.092 min Scan# 3095
Delta R.T. 0.024 min
Lab File: BP003390.D
Acq: 25 Sep 2020 20:07

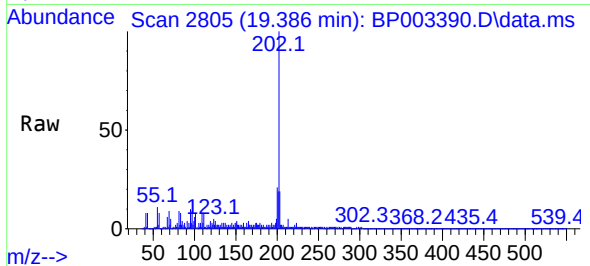
Tgt Ion:240 Resp: 538168
Ion Ratio Lower Upper
240 100
120 9.5 7.8 11.6
236 26.5 20.8 31.2





#78
Pyrene
Concen: 60.88 ng
RT: 19.386 min Scan# 2805
Delta R.T. 0.035 min
Lab File: BP003390.D
Acq: 25 Sep 2020 20:07

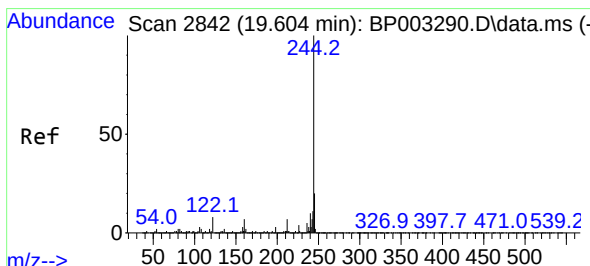
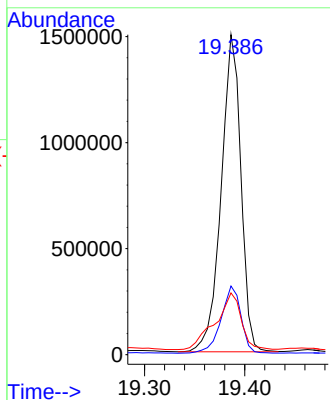
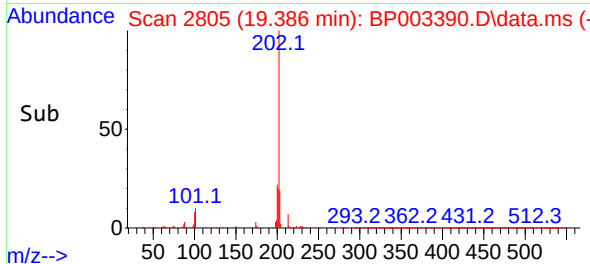
Instrument :
BNA_P
ClientSampleId :
VNJ-215



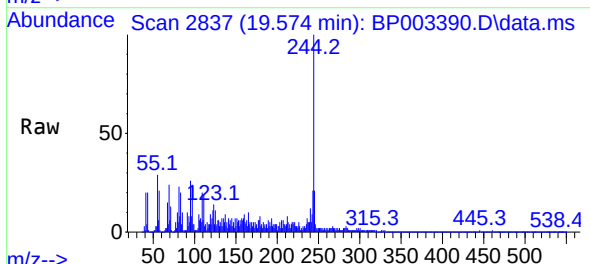
Tgt Ion:202 Resp: 2043227
Ion Ratio Lower Upper
202 100
200 21.5 17.1 25.7
203 19.3 14.2 21.2

Manual Integrations
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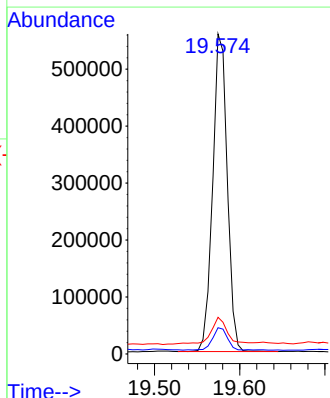
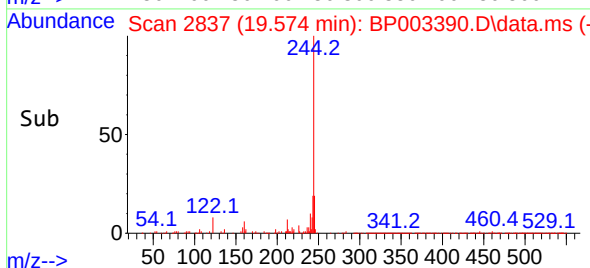
mohammad
9/28/2020 11:11:20 AM

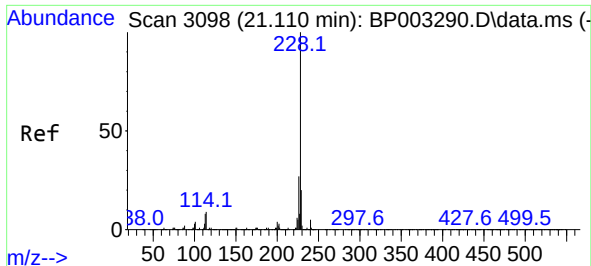


#79
Terphenyl-d14
Concen: 25.63 ng
RT: 19.574 min Scan# 2837
Delta R.T. 0.024 min
Lab File: BP003390.D
Acq: 25 Sep 2020 20:07



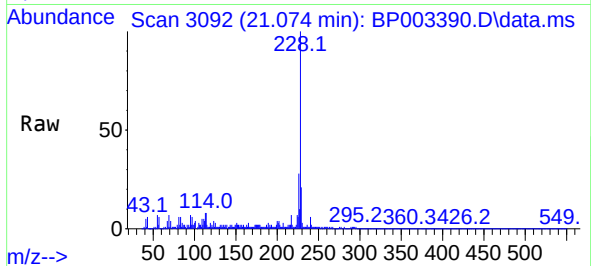
Tgt Ion:244 Resp: 661947
Ion Ratio Lower Upper
244 100
212 8.2 5.8 8.6
122 11.5 7.8 11.8





#81
Benzo(a)anthracene
Concen: 32.08 ng
RT: 21.074 min Scan# 3092
Delta R.T. 0.018 min
Lab File: BP003390.D
Acq: 25 Sep 2020 20:07

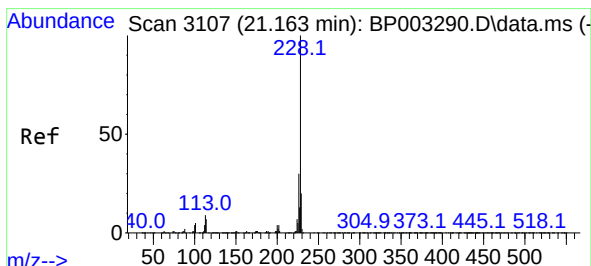
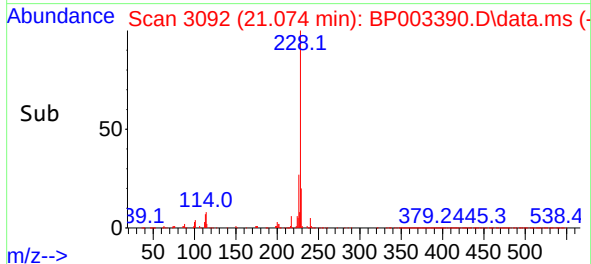
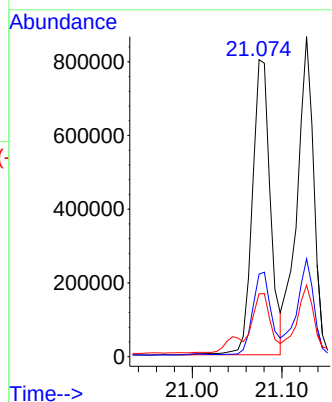
Instrument :
BNA_P
ClientSampleId :
VNJ-215



Tgt Ion:228 Resp: 1115923
Ion Ratio Lower Upper
228 100
226 27.8 22.1 33.1
229 21.2 15.9 23.9

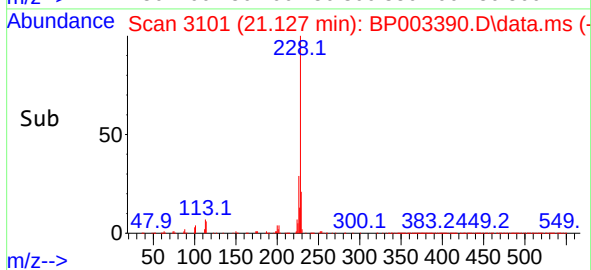
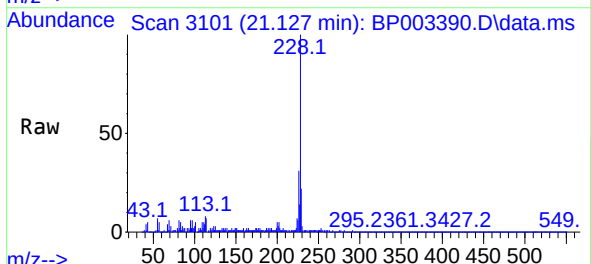
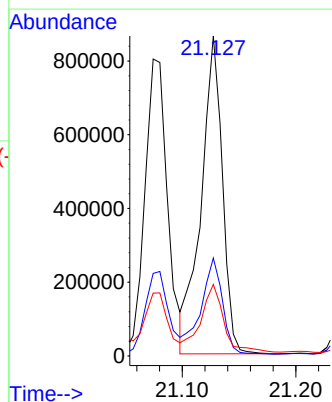
Manual Integrations
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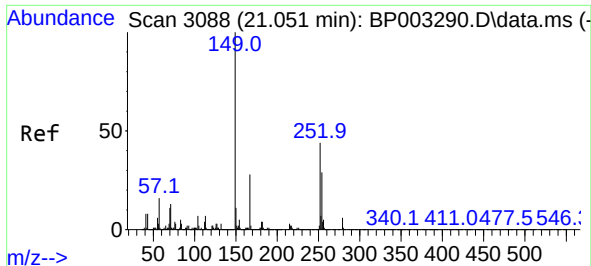
mohammad
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#83
Chrysene
Concen: 33.64 ng
RT: 21.127 min Scan# 3101
Delta R.T. 0.024 min
Lab File: BP003390.D
Acq: 25 Sep 2020 20:07

Tgt Ion:228 Resp: 1124228
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 22.4 15.8 23.6





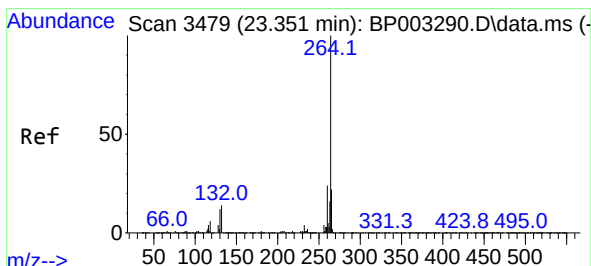
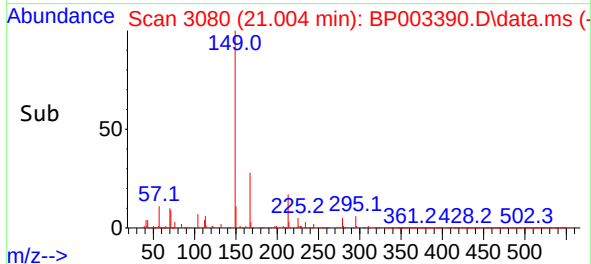
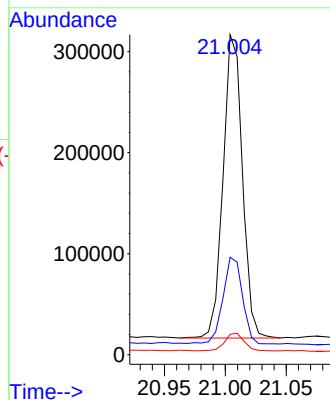
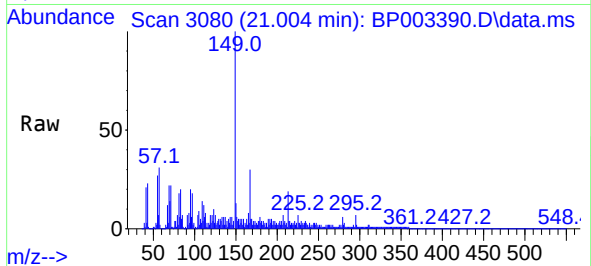
#84
Bis(2-ethylhexyl)phthalate
Concen: 15.32 ng
RT: 21.004 min Scan# 3080
Delta R.T. 0.006 min
Lab File: BP003390.D
Acq: 25 Sep 2020 20:07

Tgt Ion:149 Resp: 331107
Ion Ratio Lower Upper
149 100
167 30.5 22.6 34.0
279 6.3 4.2 6.2#

Instrument :
BNA_P
ClientSampled :
VNJ-215

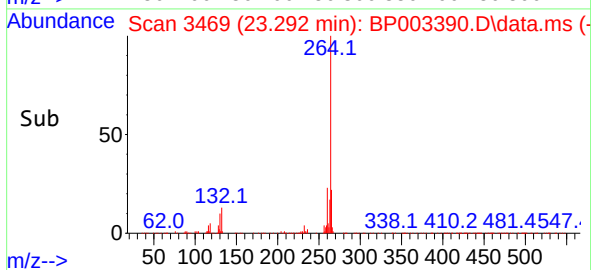
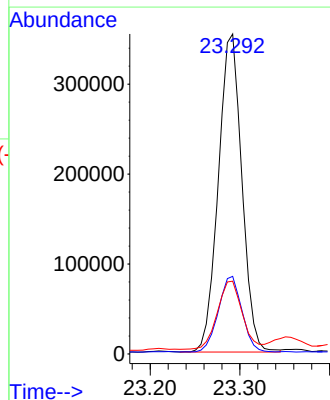
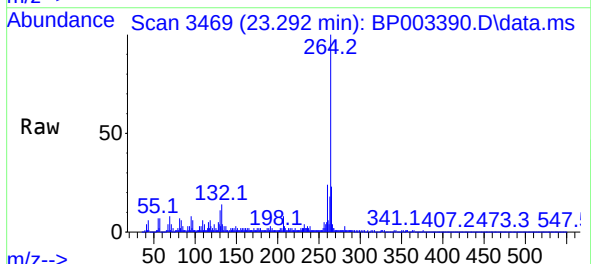
Manual Integrations
APPROVED

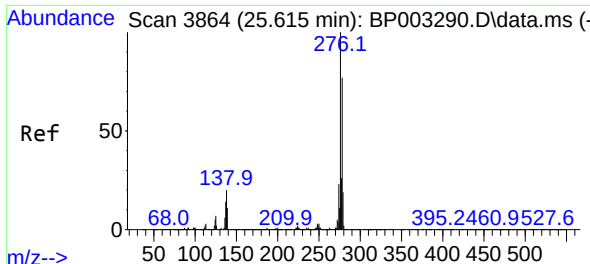
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.292 min Scan# 3469
Delta R.T. 0.029 min
Lab File: BP003390.D
Acq: 25 Sep 2020 20:07

Tgt Ion:264 Resp: 643897
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 22.8 17.4 26.2





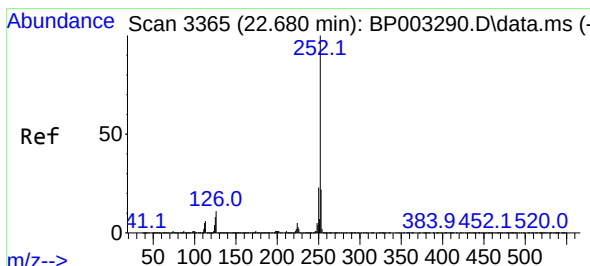
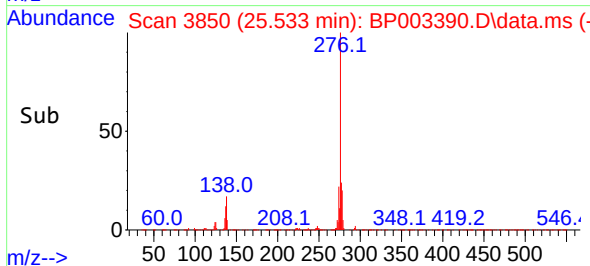
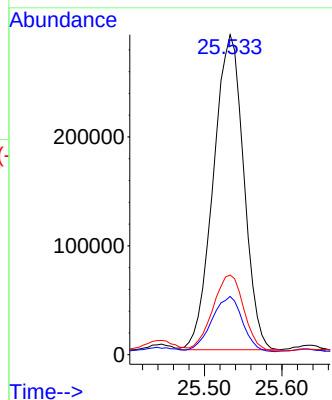
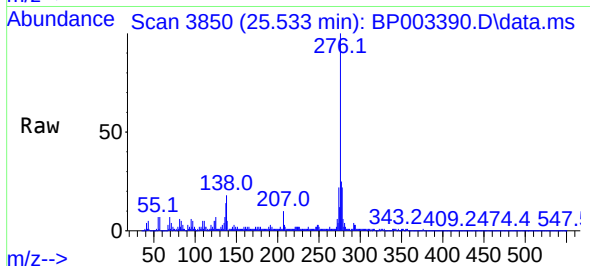
#87
Indeno(1,2,3-cd)pyrene
Concen: 16.10 ng
RT: 25.533 min Scan# 3850
Delta R.T. 0.041 min
Lab File: BP003390.D
Acq: 25 Sep 2020 20:07

Tgt Ion: 276 Resp: 785667
Ion Ratio Lower Upper
276 100
138 17.8 18.7 28.1#
277 24.6 20.4 30.6

Instrument :
BNA_P
ClientSampled :
VNJ-215

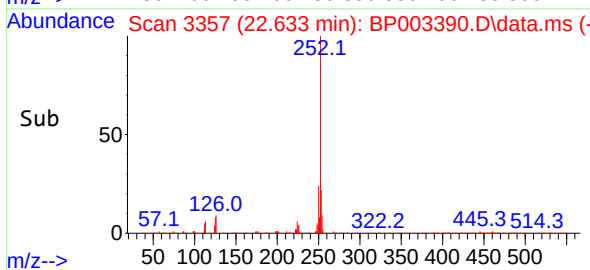
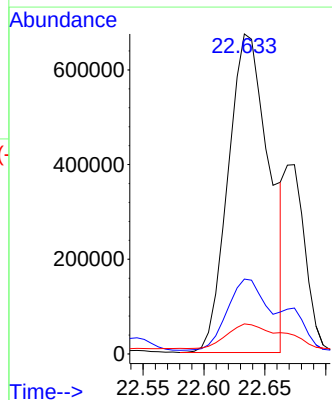
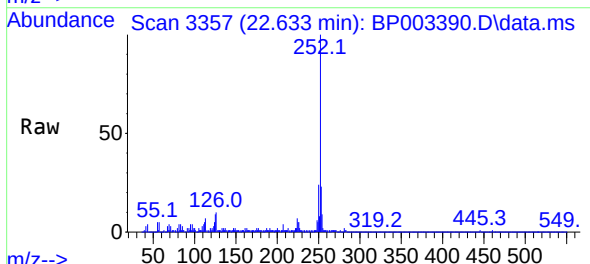
Manual Integrations
APPROVED

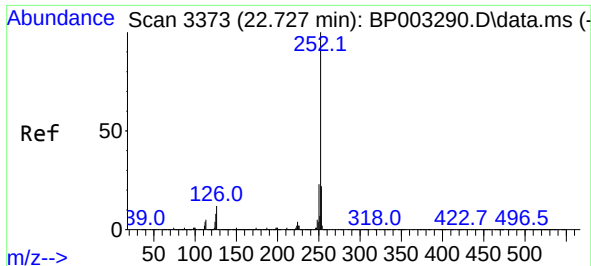
mohammad
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#88
Benzo(b)fluoranthene
Concen: 38.87 ng
RT: 22.633 min Scan# 3357
Delta R.T. 0.029 min
Lab File: BP003390.D
Acq: 25 Sep 2020 20:07

Tgt Ion: 252 Resp: 1580434
Ion Ratio Lower Upper
252 100
253 23.4 17.6 26.4
125 9.4 7.3 10.9





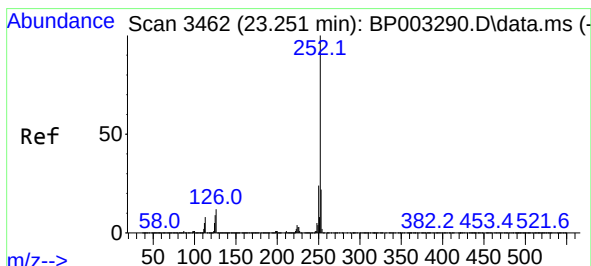
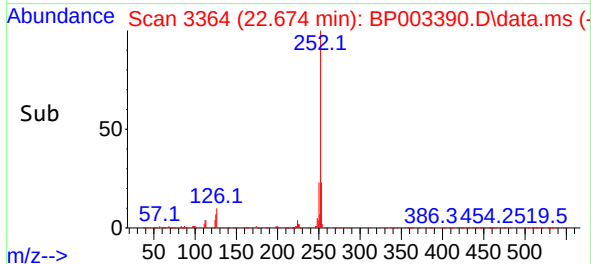
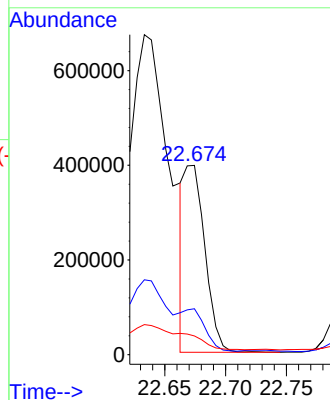
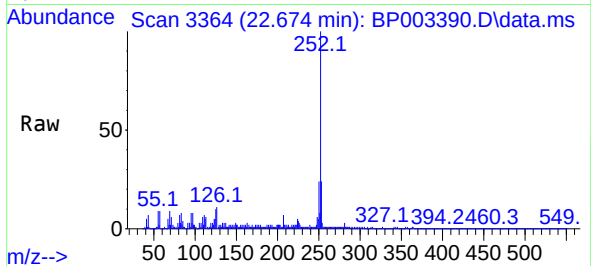
#89
Benzo(k)fluoranthene
Concen: 11.79 ng m
RT: 22.674 min Scan# 3364
Delta R.T. 0.024 min
Lab File: BP003390.D
Acq: 25 Sep 2020 20:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.8
125	9.9	7.4	11.2

Instrument :
BNA_P
ClientSampled :
VNJ-215

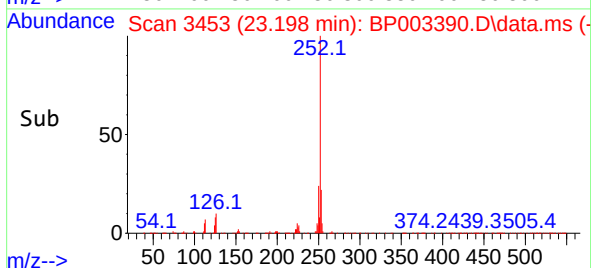
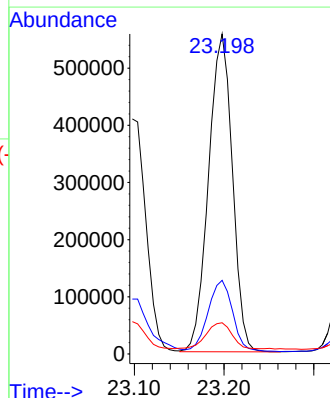
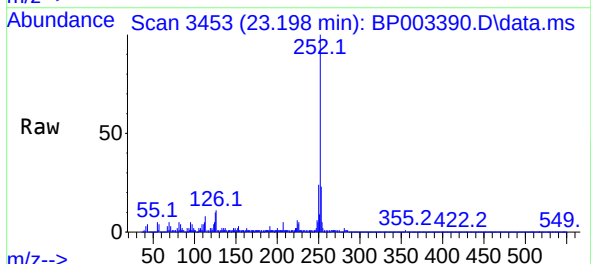
Manual Integrations
APPROVED

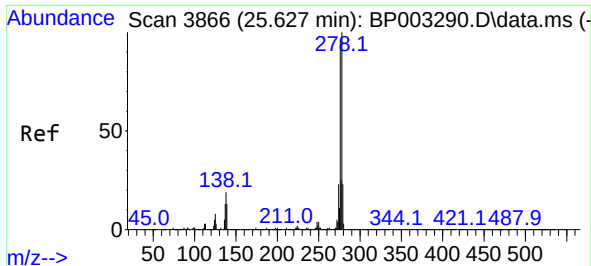
mohammad
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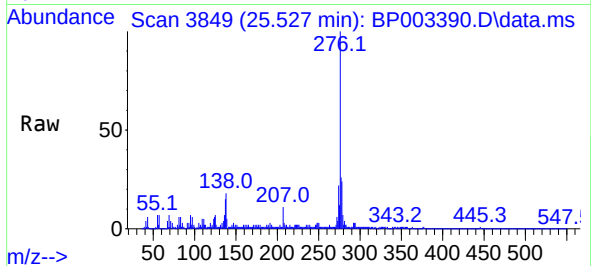
#90
Benzo(a)pyrene
Concen: 26.76 ng
RT: 23.198 min Scan# 3453
Delta R.T. 0.029 min
Lab File: BP003390.D
Acq: 25 Sep 2020 20:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	9.7	8.2	12.4

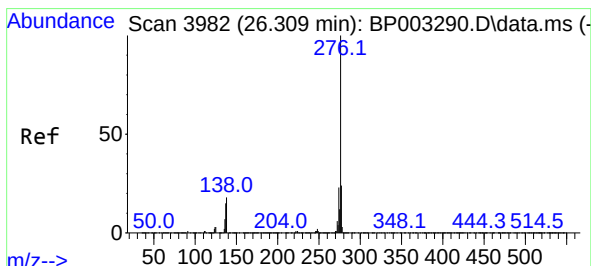
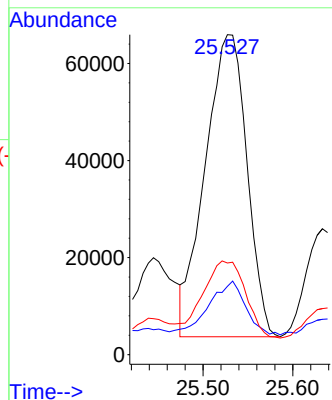
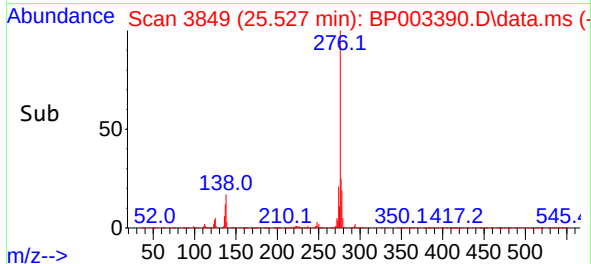




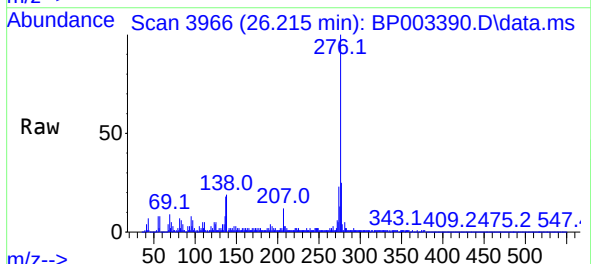
#91
Dibenzo(a,h)anthracene
Concen: 4.99 ng
RT: 25.527 min Scan# 3849
Delta R.T. 0.029 min
Lab File: BP003390.D
Acq: 25 Sep 2020 20:07



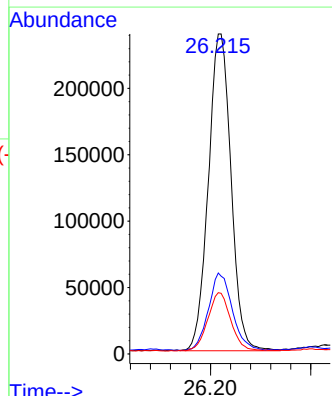
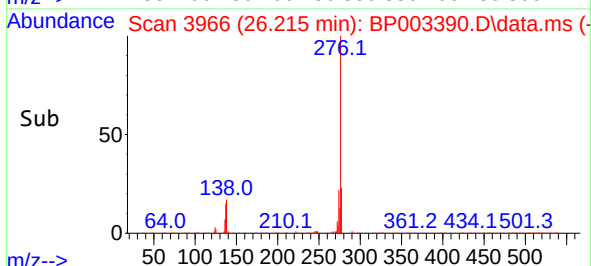
Tgt Ion: 278 Resp: 201108
Ion Ratio Lower Upper
278 100
139 21.4 12.4 18.6#
279 28.6 19.0 28.6#



#92
Benzo(g,h,i)perylene
Concen: 18.63 ng
RT: 26.215 min Scan# 3966
Delta R.T. 0.053 min
Lab File: BP003390.D
Acq: 25 Sep 2020 20:07



Tgt Ion: 276 Resp: 749086
Ion Ratio Lower Upper
276 100
277 25.3 19.0 28.6
138 19.2 16.6 24.8



Instrument :
BNA_P
ClientSampled :
VNJ-215

Manual Integrations
APPROVED

mohammad
9/28/2020 11:11:20 AM