

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062221\
 Data File : BP006023.D
 Acq On : 23 Jun 2021 01:20
 Operator : CG/JU
 Sample : M2772-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-2

Manual Integrations
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 6/23/2021 4:43:56 PM

Quant Time: Jun 23 04:24:59 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 22 17:52:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	71576	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	276252	20.000	ng	0.00
39) Acenaphthene-d10	14.546	164	172245	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	363805	20.000	ng	0.00
76) Chrysene-d12	21.363	240	468388	20.000	ng	0.00
86) Perylene-d12	23.769	264	527365	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	487942	109.389	ng	0.00
7) Phenol-d6	7.093	99	641332	110.927	ng	0.00
23) Nitrobenzene-d5	9.087	82	341411	60.591	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	325047	109.967	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	826150	62.983	ng	0.00
79) Terphenyl-d14	19.839	244	1955380	78.171	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.334	178	44756	2.049	ng	99
75) Fluoranthene	19.298	202	146336	5.515	ng	98
78) Pyrene	19.645	202	144669	4.424	ng	99
81) Benzo(a)anthracene	21.351	228	79660	2.356	ng	98
83) Chrysene	21.398	228	89307m	2.727	ng	
88) Benzo(b)fluoranthene	23.033	252	129931	3.597	ng	97
90) Benzo(a)pyrene	23.663	252	84102	2.477	ng	# 98

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

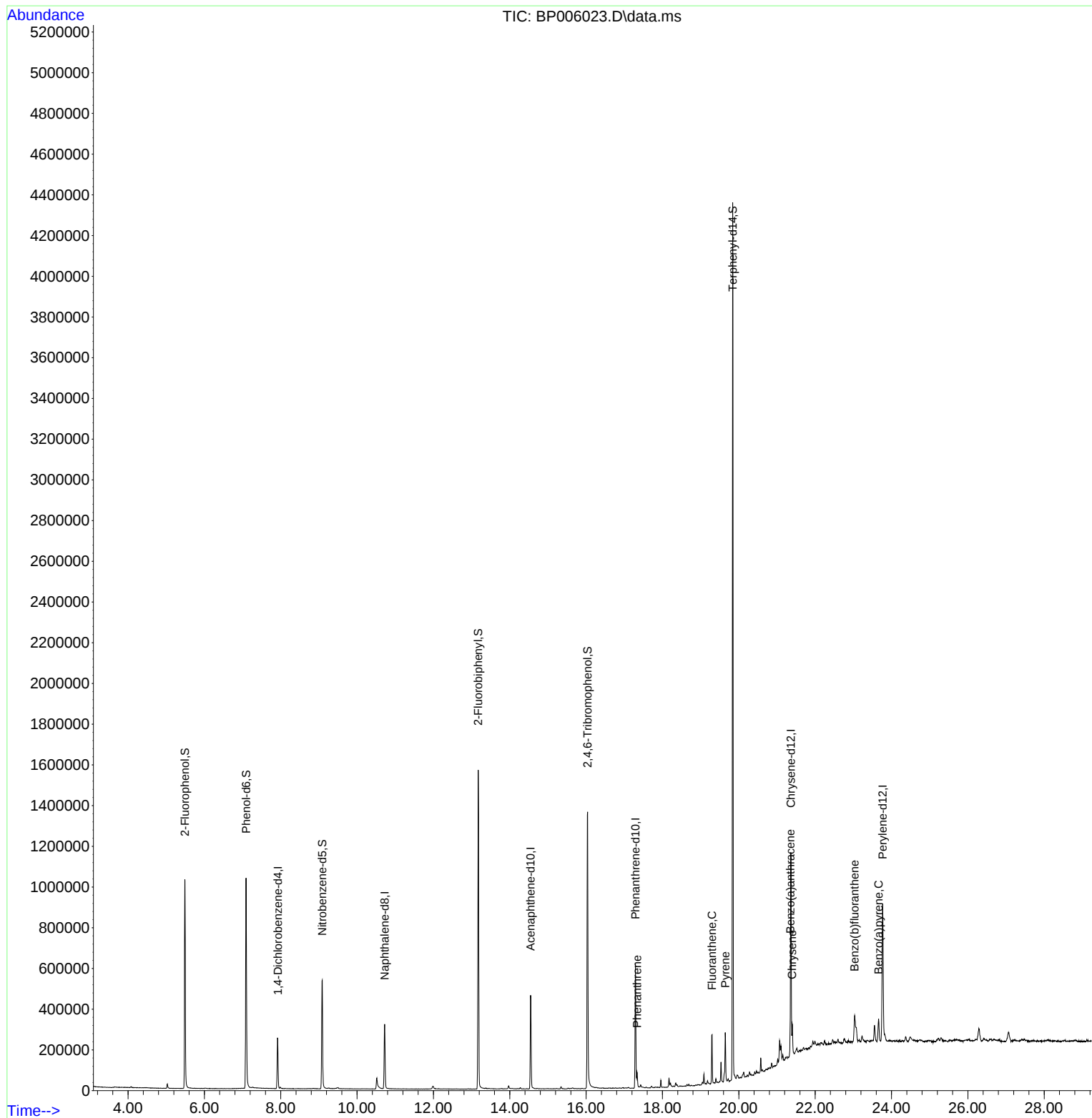
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062221\
Data File : BP006023.D
Acq On : 23 Jun 2021 01:20
Operator : CG/JU
Sample : M2772-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

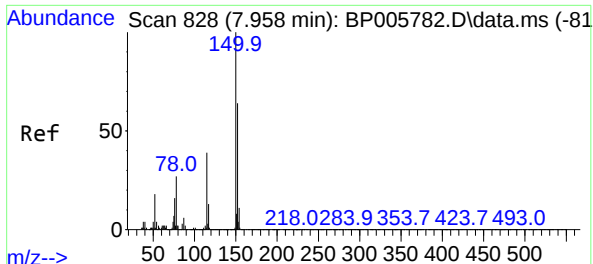
Instrument :
BNA_P
ClientSampleId :
SB-2

Manual Integrations
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Quant Time: Jun 23 04:24:59 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 22 17:52:38 2021
Response via : Initial Calibration





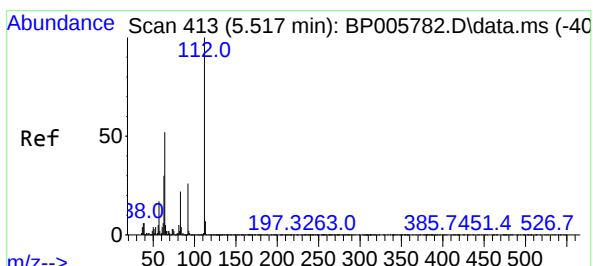
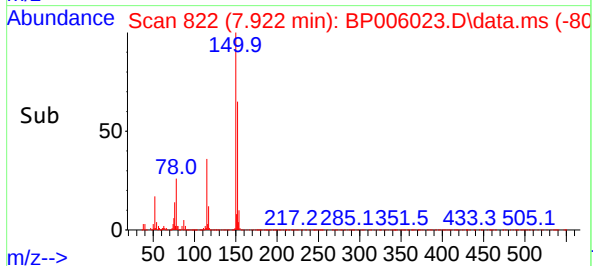
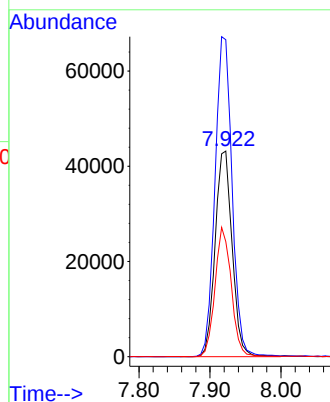
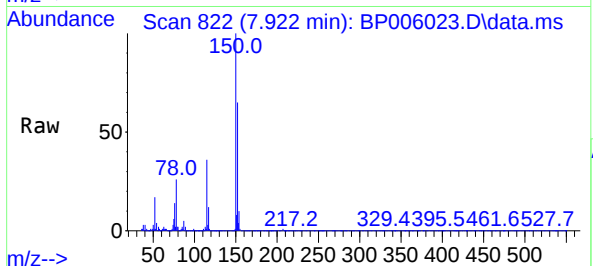
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 822
Delta R.T. 0.000 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

Tgt Ion:152 Resp: 71576
Ion Ratio Lower Upper
152 100
150 154.1 125.6 188.4
115 56.0 48.5 72.7

Instrument :
BNA_P
ClientSampled :
SB-2

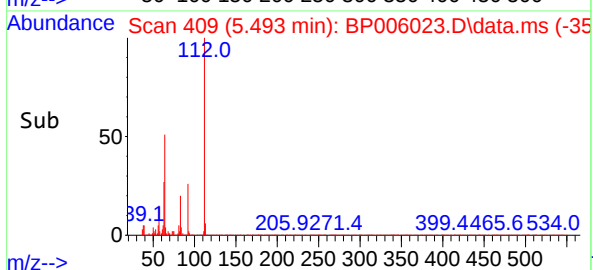
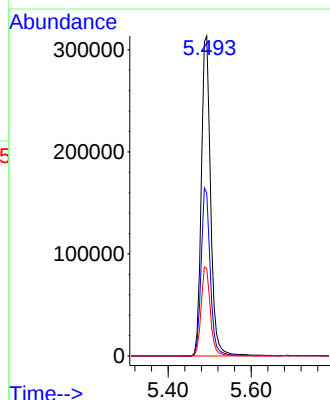
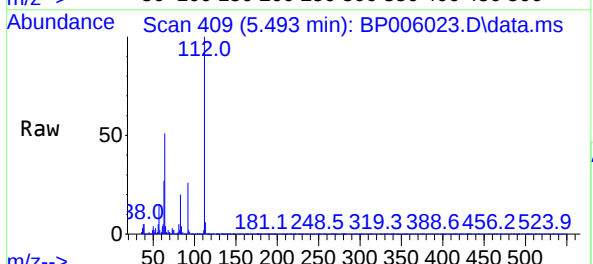
Manual Integrations
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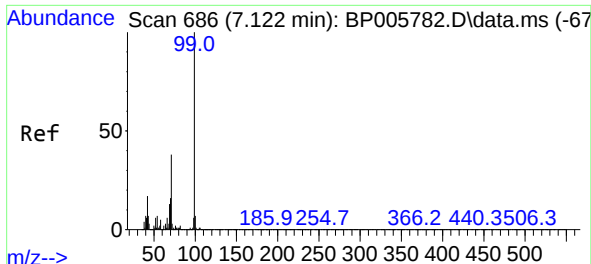
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#5
2-Fluorophenol
Concen: 109.389 ng
RT: 5.493 min Scan# 409
Delta R.T. 0.006 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

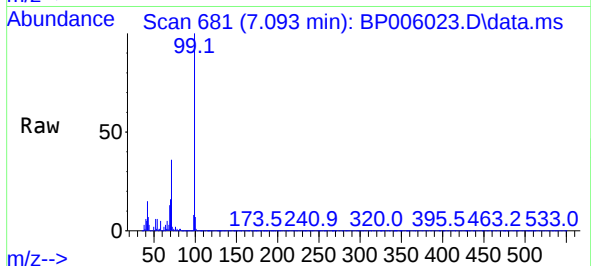
Tgt Ion:112 Resp: 487942
Ion Ratio Lower Upper
112 100
64 50.9 41.4 62.2
63 27.2 23.8 35.8





#7
Phenol-d6
Concen: 110.927 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.000 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

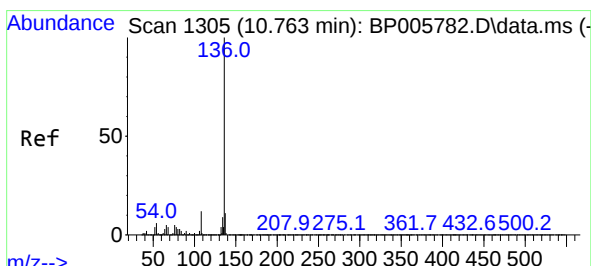
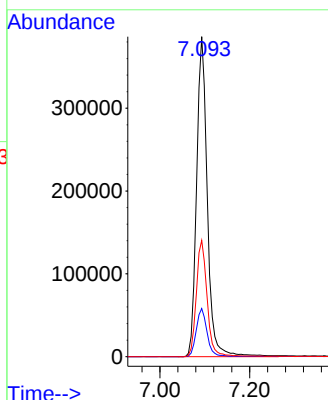
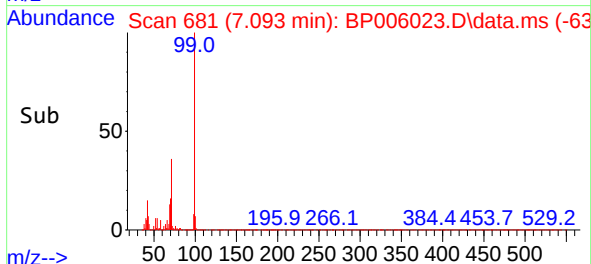
Instrument :
BNA_P
ClientSampleId :
SB-2



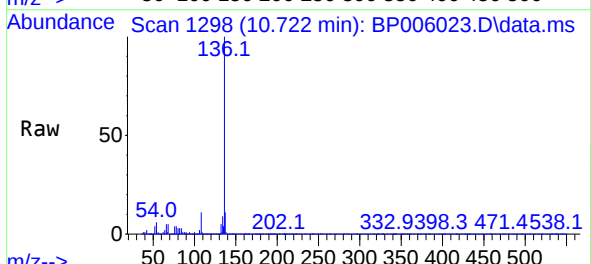
Tgt Ion: 99 Resp: 641332
Ion Ratio Lower Upper
99 100
42 15.0 13.4 20.0
71 36.3 30.6 46.0

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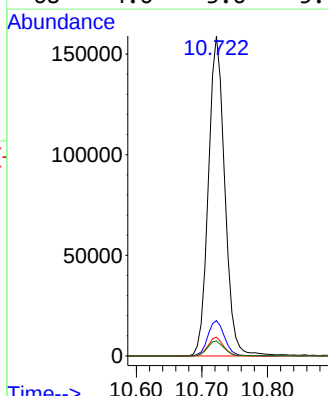
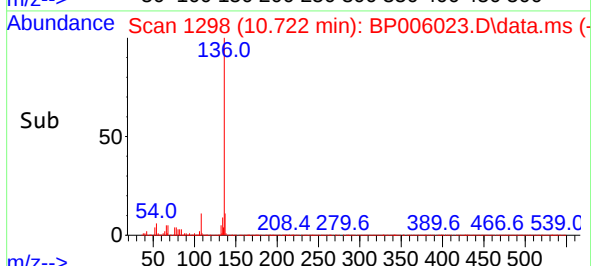
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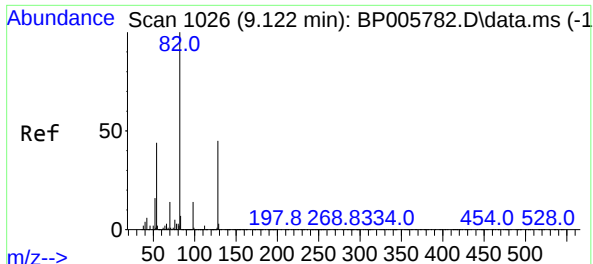


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20



Tgt Ion: 136 Resp: 276252
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 5.9 4.6 6.8
68 4.6 3.6 5.4





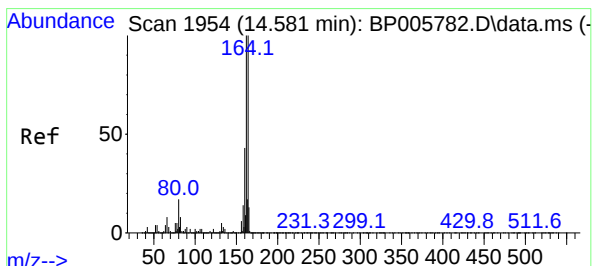
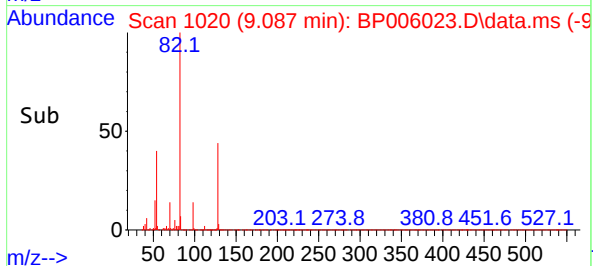
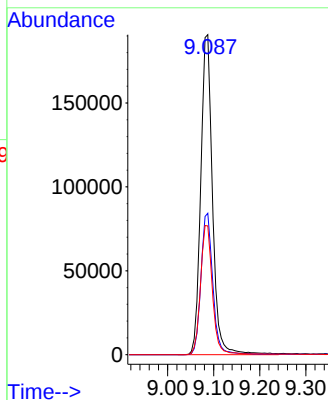
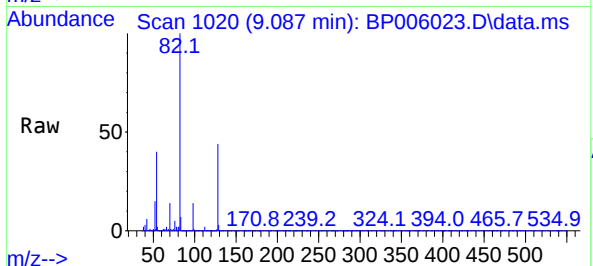
#23
Nitrobenzene-d5
Concen: 60.591 ng
RT: 9.087 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

Instrument :
BNA_P
ClientSampled :
SB-2

Tgt Ion: 82 Resp: 341411
Ion Ratio Lower Upper
82 100
128 44.2 35.7 53.5
54 40.2 35.0 52.4

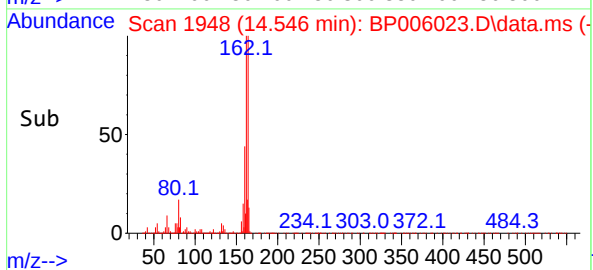
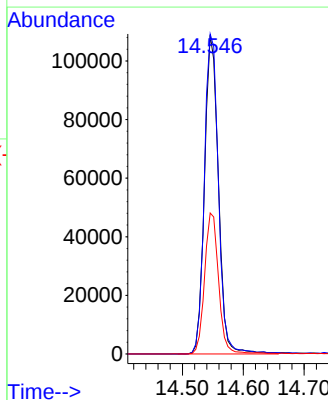
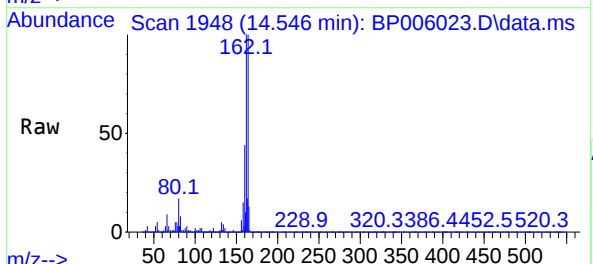
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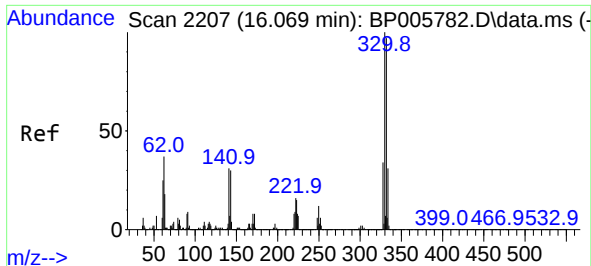
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.546 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

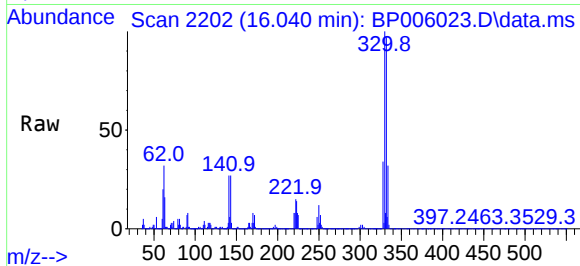
Tgt Ion: 164 Resp: 172245
Ion Ratio Lower Upper
164 100
162 100.4 80.2 120.2
160 44.2 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 109.967 ng
RT: 16.040 min Scan# 2202
Delta R.T. -0.000 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

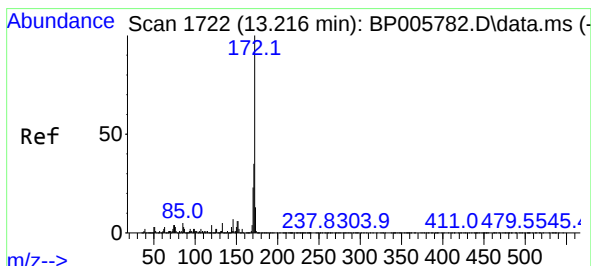
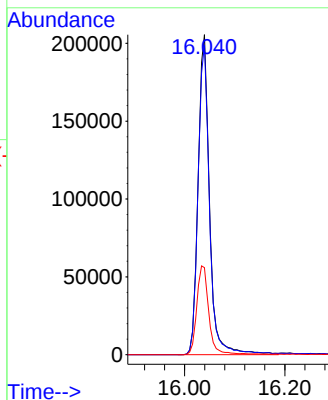
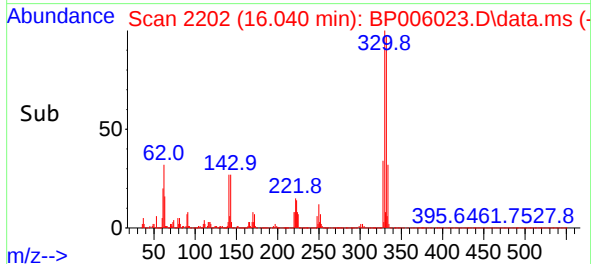
Instrument :
BNA_P
ClientSampled :
SB-2



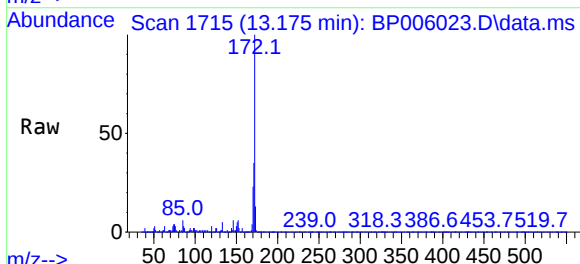
Tgt Ion:330 Resp: 325047
Ion Ratio Lower Upper
330 100
332 97.2 77.8 116.8
141 29.4 25.4 38.2

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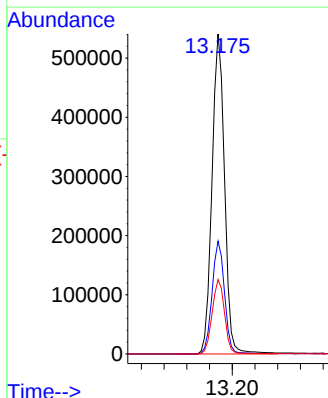
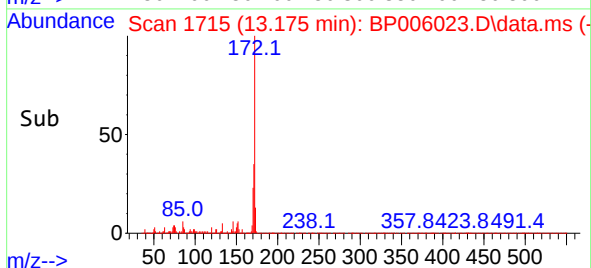
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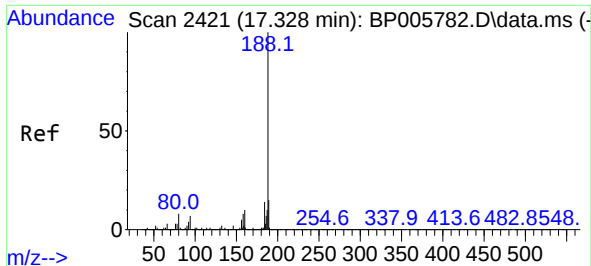


#45
2-Fluorobiphenyl
Concen: 62.983 ng
RT: 13.175 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20



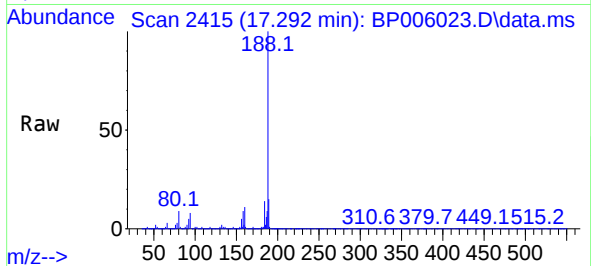
Tgt Ion:172 Resp: 826150
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.3 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.000 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

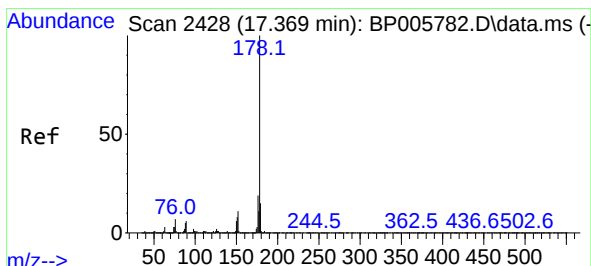
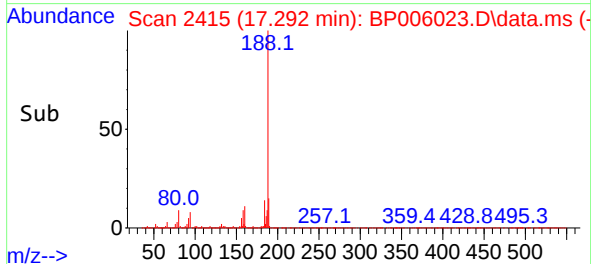
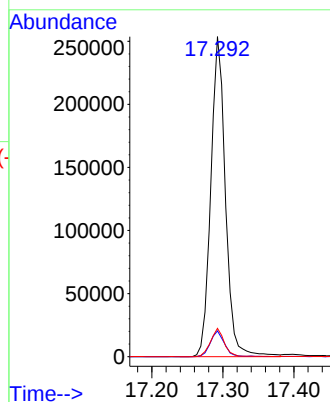
Instrument :
BNA_P
ClientSampleId :
SB-2



Tgt Ion:188 Resp: 363805
Ion Ratio Lower Upper
188 100
94 8.1 5.6 8.4
80 8.9 6.3 9.5

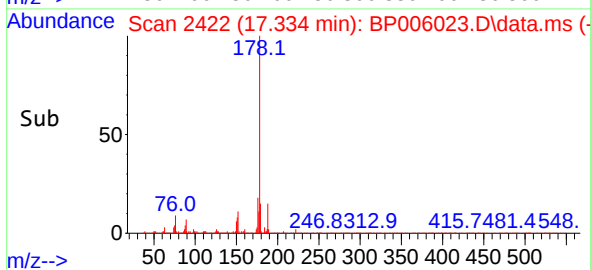
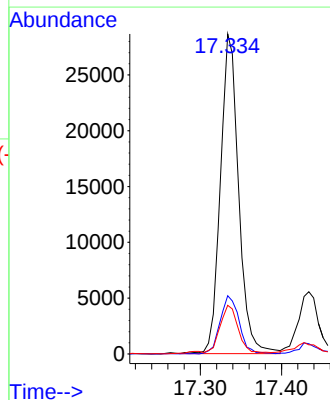
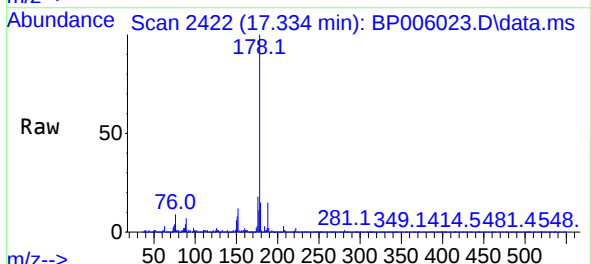
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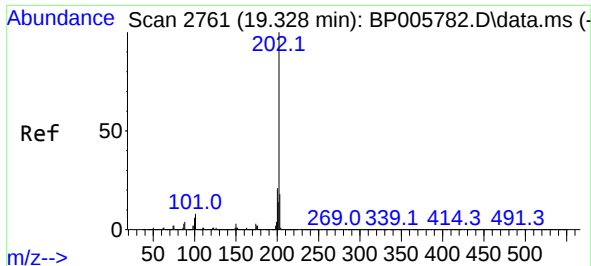
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#71
Phenanthrene
Concen: 2.049 ng
RT: 17.334 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

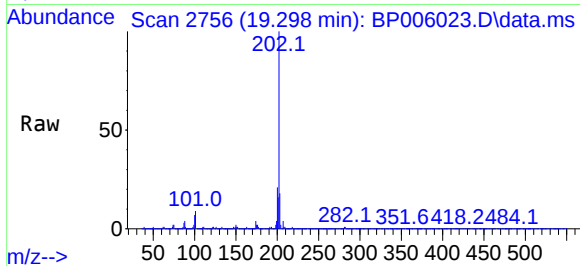
Tgt Ion:178 Resp: 44756
Ion Ratio Lower Upper
178 100
176 18.2 15.1 22.7
179 15.2 12.4 18.6





#75
Fluoranthene
Concen: 5.515 ng
RT: 19.298 min Scan# 2756
Delta R.T. -0.000 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

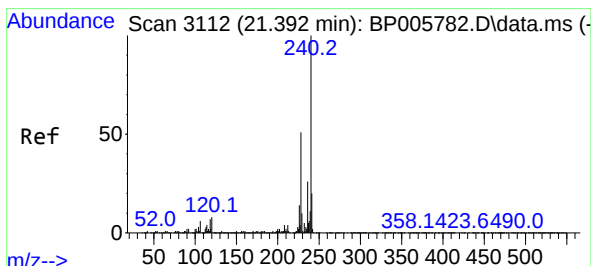
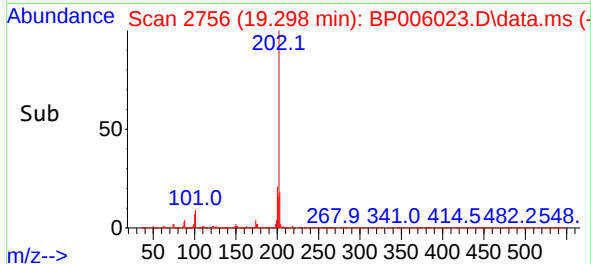
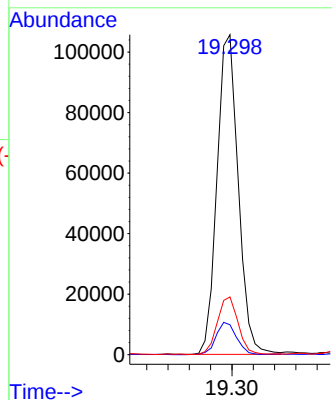
Instrument :
BNA_P
ClientSampled :
SB-2



Tgt Ion:202 Resp: 146336
Ion Ratio Lower Upper
202 100
101 9.4 0.0 27.6
203 18.1 0.0 37.8

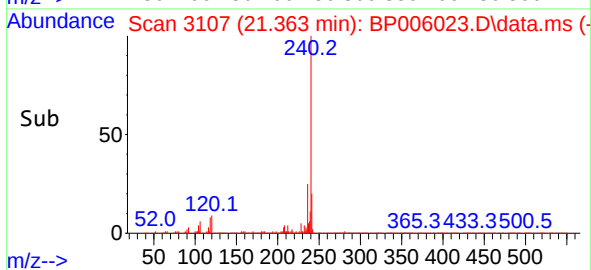
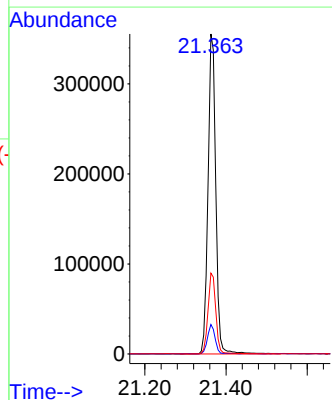
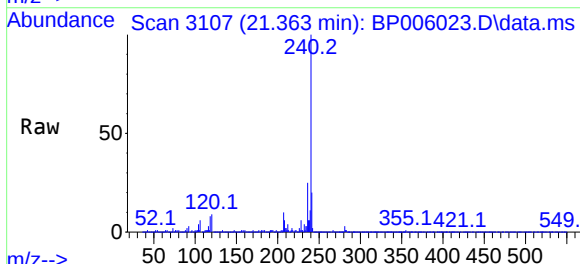
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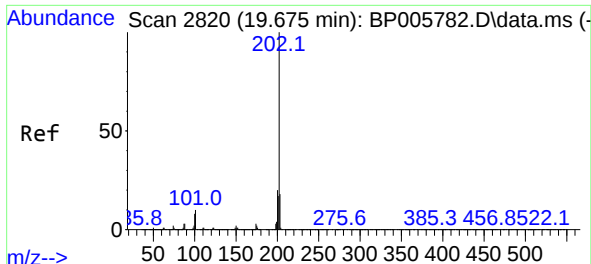
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.363 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

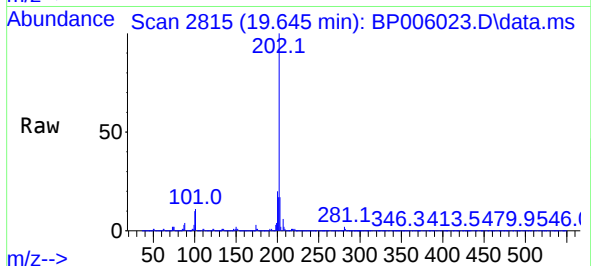
Tgt Ion:240 Resp: 468388
Ion Ratio Lower Upper
240 100
120 9.2 6.5 9.7
236 25.3 20.6 31.0





#78
Pyrene
Concen: 4.424 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

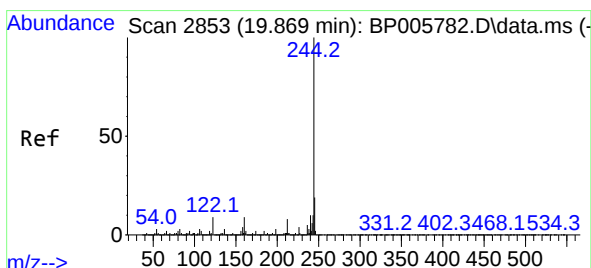
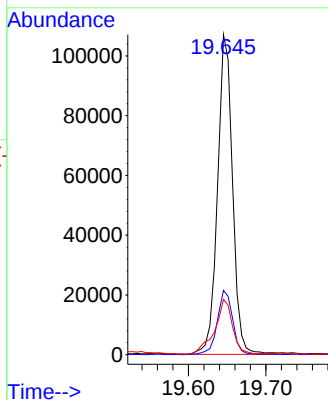
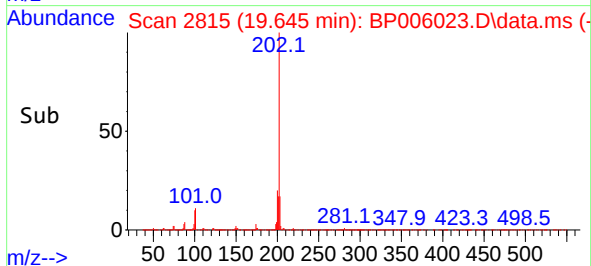
Instrument :
BNA_P
ClientSampled :
SB-2



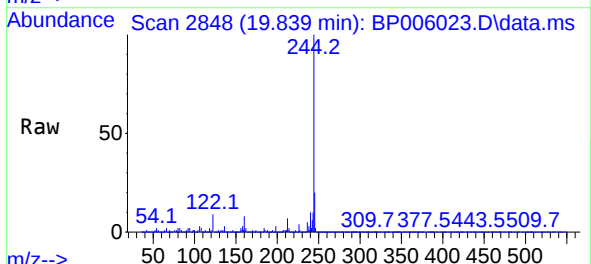
Tgt Ion:202 Resp: 144669
Ion Ratio Lower Upper
202 100
200 20.1 16.3 24.5
203 17.3 14.2 21.2

Manual Integrations
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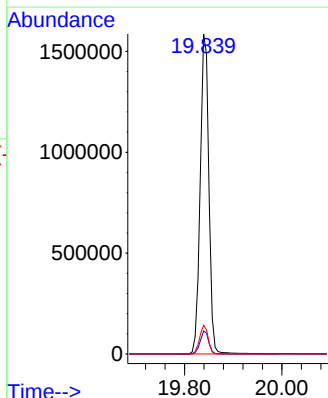
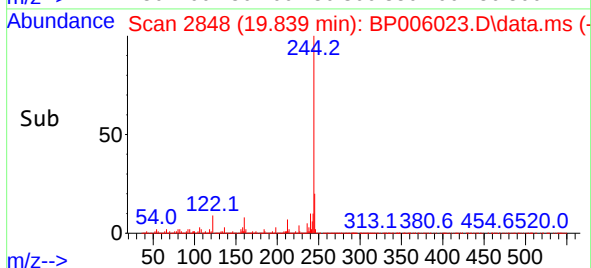
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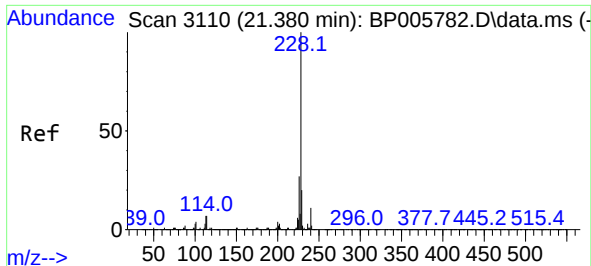


#79
Terphenyl-d14
Concen: 78.171 ng
RT: 19.839 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20



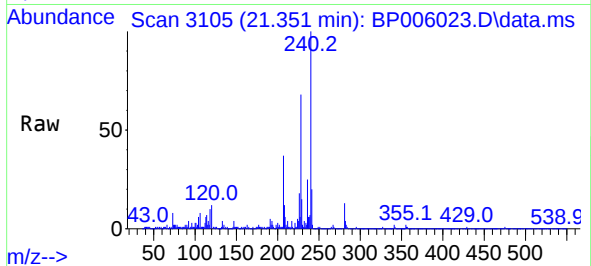
Tgt Ion:244 Resp: 1955380
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 9.0 7.1 10.7





#81
Benzo(a)anthracene
Concen: 2.356 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.000 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

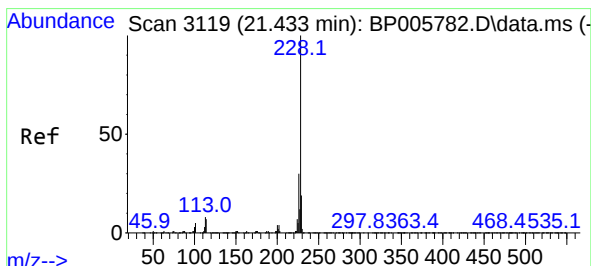
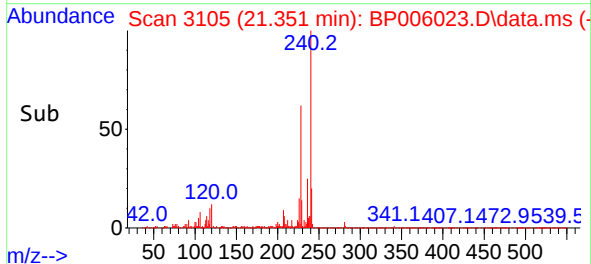
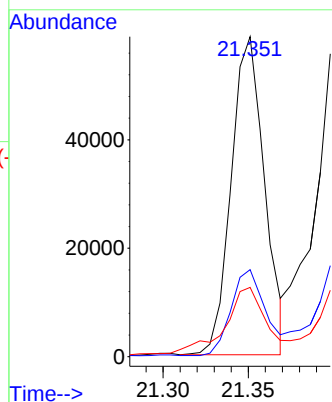
Instrument :
BNA_P
ClientSampled :
SB-2



Tgt Ion:228 Resp: 79660
Ion Ratio Lower Upper
228 100
226 27.2 21.6 32.4
229 21.7 15.8 23.6

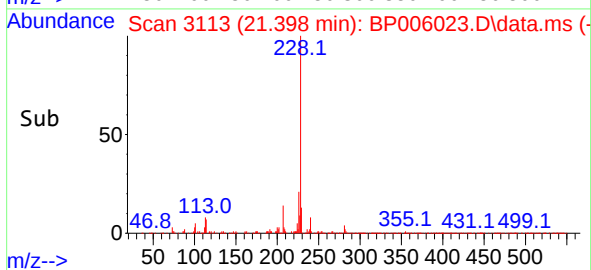
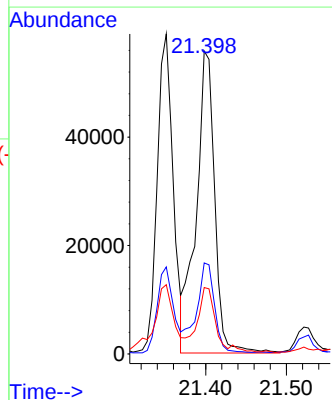
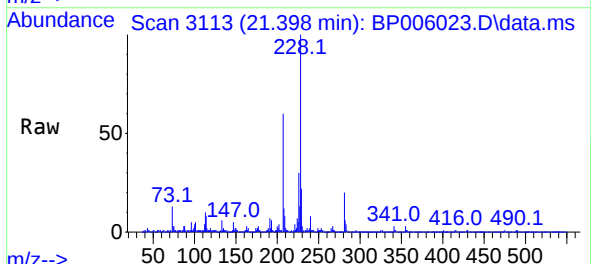
Manual Integrations
APPROVED

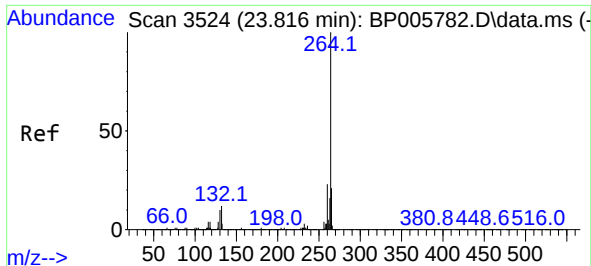
mohammad
6/23/2021 4:43:56 PM



#83
Chrysene
Concen: 2.727 ng m
RT: 21.398 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

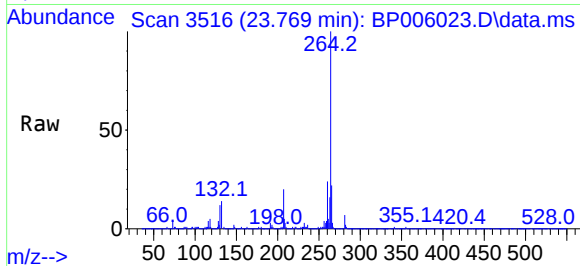
Tgt Ion:228 Resp: 89307
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.6
229 21.9 15.4 23.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.769 min Scan# 3516
Delta R.T. -0.006 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

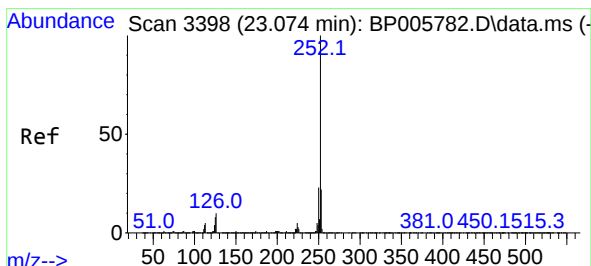
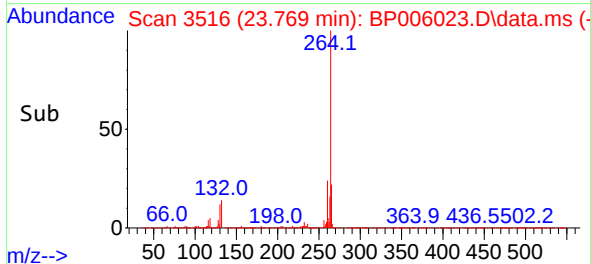
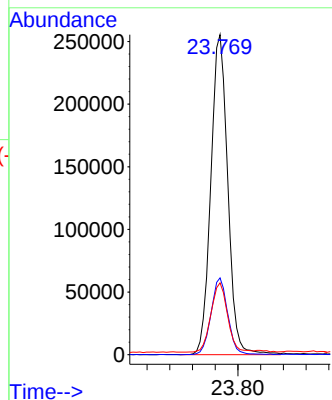
Instrument :
BNA_P
ClientSampled :
SB-2



Tgt Ion:264 Resp: 527365
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 22.4 17.6 26.4

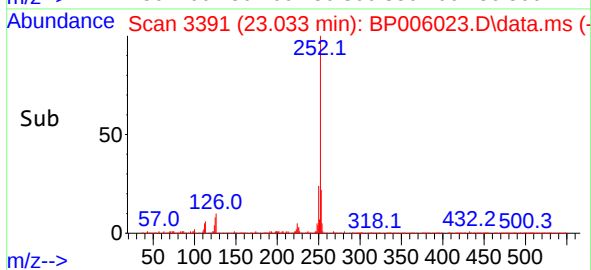
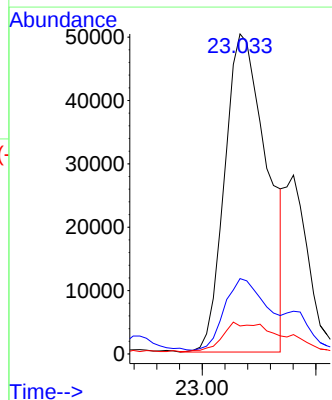
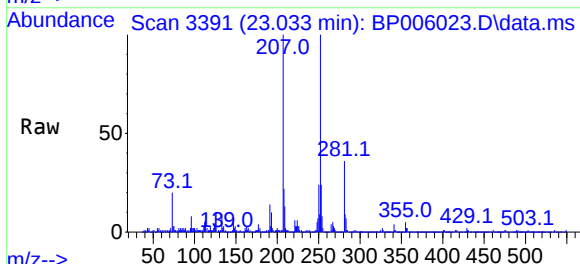
Manual Integrations
APPROVED

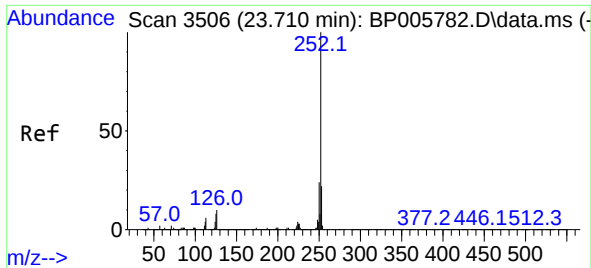
mohammad
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#88
Benzo(b)fluoranthene
Concen: 3.597 ng
RT: 23.033 min Scan# 3391
Delta R.T. -0.006 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

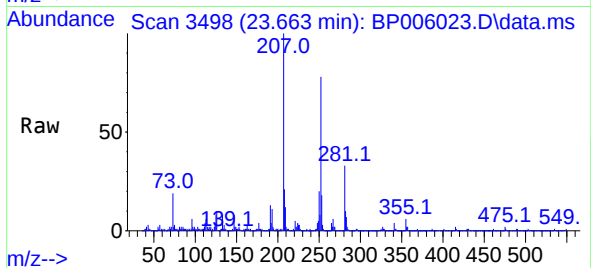
Tgt Ion:252 Resp: 129931
Ion Ratio Lower Upper
252 100
253 23.5 17.5 26.3
125 8.8 6.2 9.4





#90
Benzo(a)pyrene
Concen: 2.477 ng
RT: 23.663 min Scan# 3498
Delta R.T. -0.006 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

Instrument :
BNA_P
ClientSampleId :
SB-2



Tgt Ion:252 Resp: 84102
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 10.1 6.5 9.7#

Manual Integrations
APPROVED

mohammad
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