

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081921\
 Data File : BM031825.D
 Acq On : 19 Aug 2021 13:05
 Operator : CG/JU
 Sample : M3426-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SWCS-10-0205

Manual Integrations
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Quant Time: Aug 19 14:38:10 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 18 14:13:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.534	152	34723	20.000	ng	0.00
21) Naphthalene-d8	10.292	136	131234	20.000	ng	0.00
39) Acenaphthene-d10	14.174	164	76076	20.000	ng	0.00
64) Phenanthrene-d10	16.927	188	161362	20.000	ng	0.00
76) Chrysene-d12	21.127	240	171129	20.000	ng	0.00
86) Perylene-d12	23.274	264	179083	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.169	112	220985	102.146	ng	0.00
7) Phenol-d6	6.728	99	269745	86.047	ng	0.00
23) Nitrobenzene-d5	8.687	82	185989	59.341	ng	0.00
42) 2,4,6-Tribromophenol	15.674	330	78918	84.226	ng	0.00
45) 2-Fluorobiphenyl	12.786	172	333998	58.436	ng	0.00
79) Terphenyl-d14	19.574	244	516074	50.811	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	18.992	202	45860	3.890	ng	96
78) Pyrene	19.356	202	42544	3.432	ng	97
81) Benzo(a)anthracene	21.115	228	28092	2.241	ng	94
83) Chrysene	21.162	228	30164m	2.469	ng	
88) Benzo(b)fluoranthene	22.645	252	39132	2.910	ng	# 89
90) Benzo(a)pyrene	23.186	252	27300	2.293	ng	# 91

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

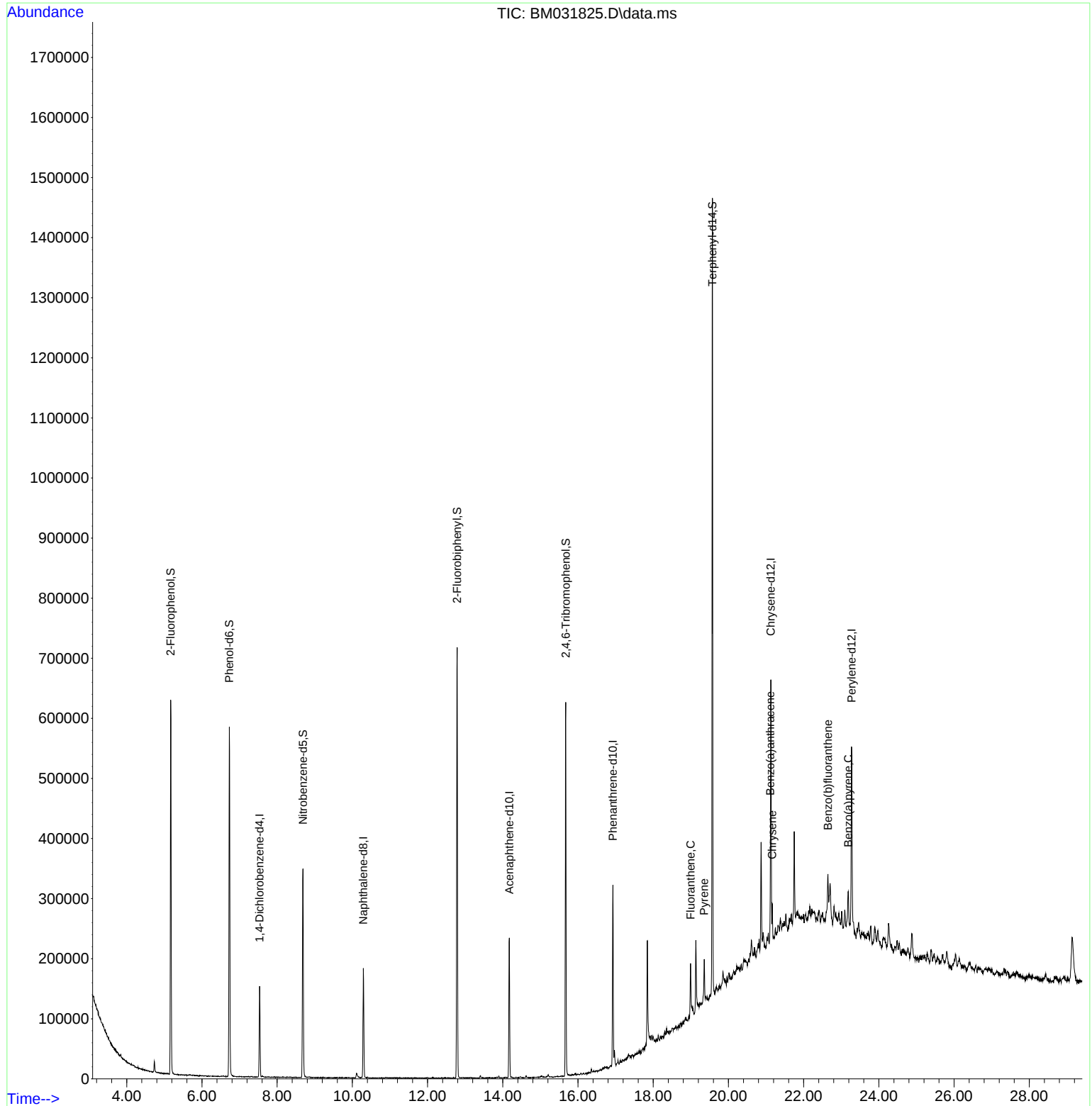
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081921\
Data File : BM031825.D
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ALS Vial : 6 Sample Multiplier: 1

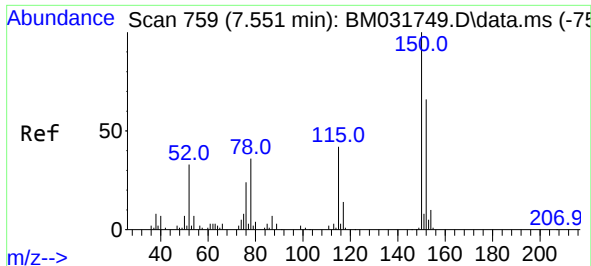
Instrument :
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ClientSampleId :
SWCS-10-0205

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Quant Time: Aug 19 14:38:10 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.M
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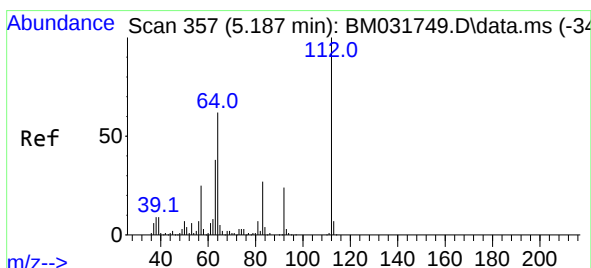
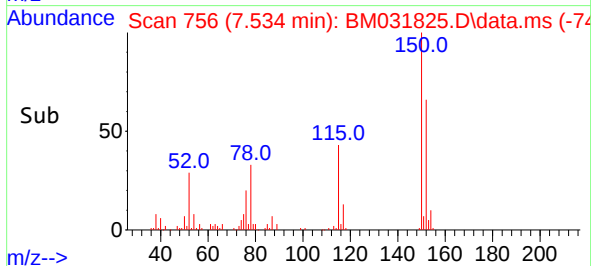
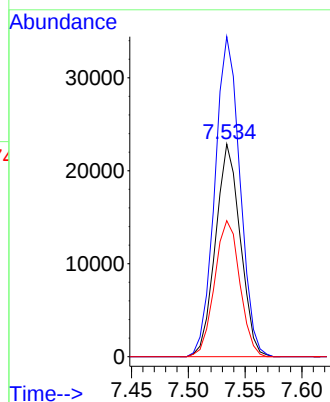
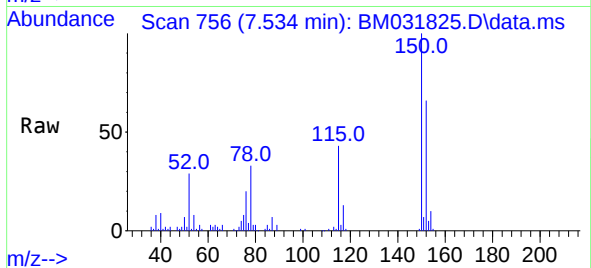
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BM031825.D
Acq: 19 Aug 2021 13:05

Tgt Ion:152 Resp: 34723
Ion Ratio Lower Upper
152 100
150 150.5 125.9 188.9
115 64.0 44.6 67.0

Instrument :
BNA_M
ClientSampleId :
SWCS-10-0205

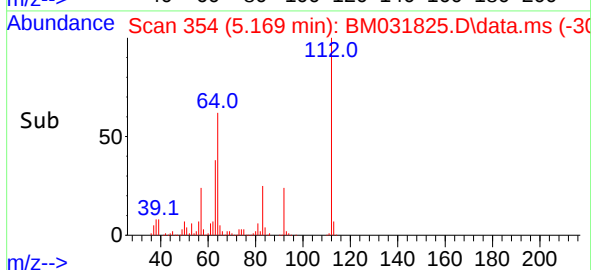
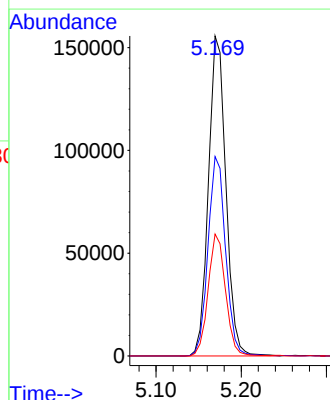
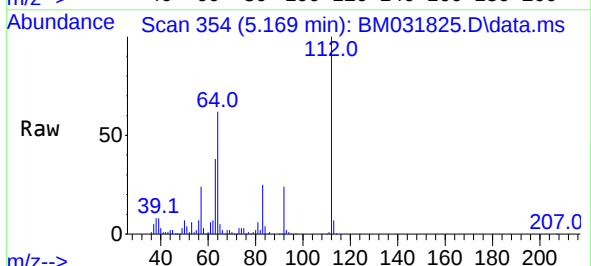
Manual Integrations
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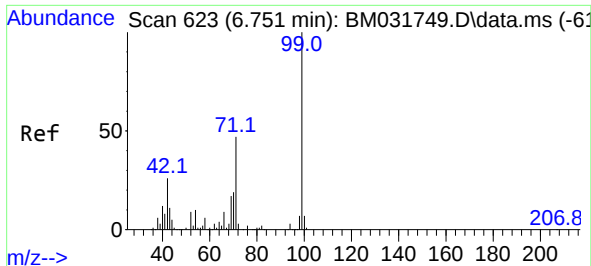
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#5
2-Fluorophenol
Concen: 102.146 ng
RT: 5.169 min Scan# 354
Delta R.T. -0.006 min
Lab File: BM031825.D
Acq: 19 Aug 2021 13:05

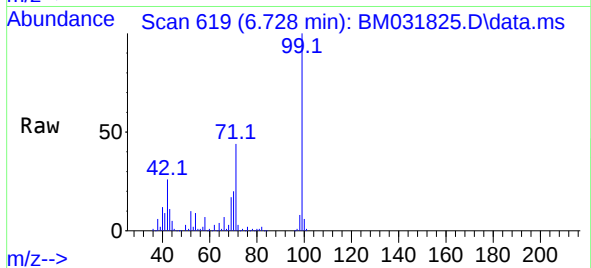
Tgt Ion:112 Resp: 220985
Ion Ratio Lower Upper
112 100
64 62.3 47.1 70.7
63 38.1 27.3 40.9





#7
Phenol-d6
Concen: 86.047 ng
RT: 6.728 min Scan# 619
Delta R.T. -0.006 min
Lab File: BM031825.D
Acq: 19 Aug 2021 13:05

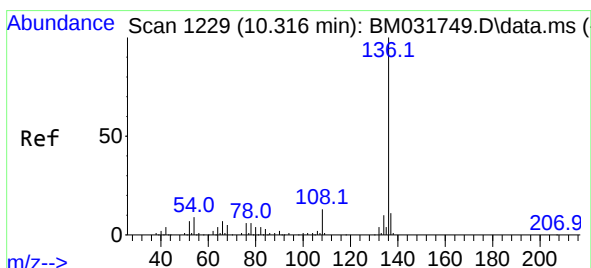
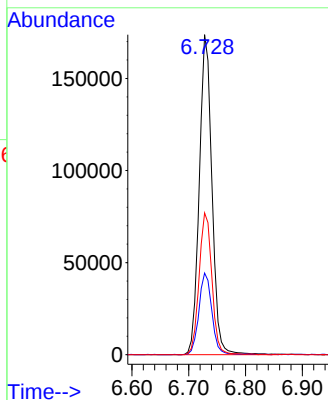
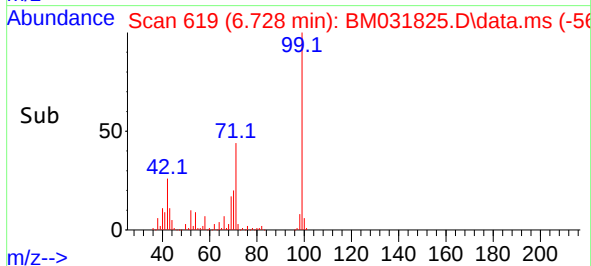
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ClientSampleId :
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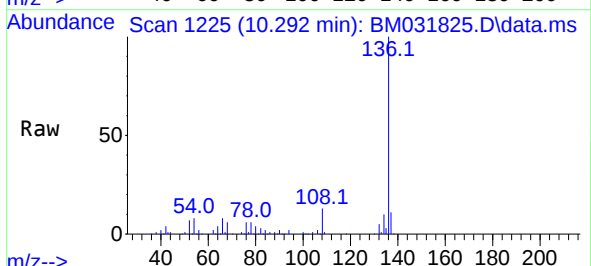
Tgt Ion: 99 Resp: 269745
Ion Ratio Lower Upper
99 100
42 25.5 18.0 27.0
71 44.3 30.9 46.3

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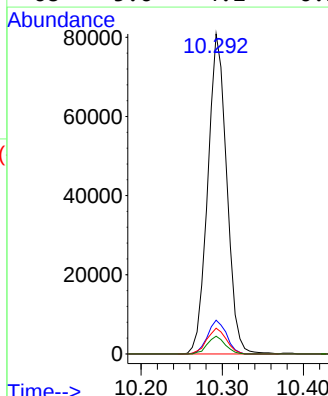
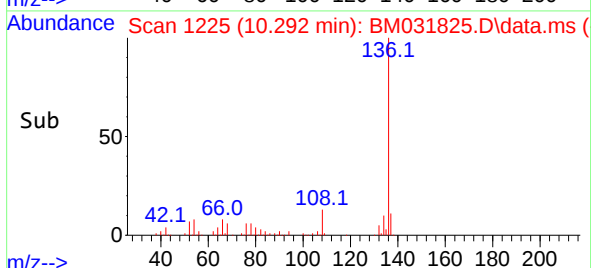
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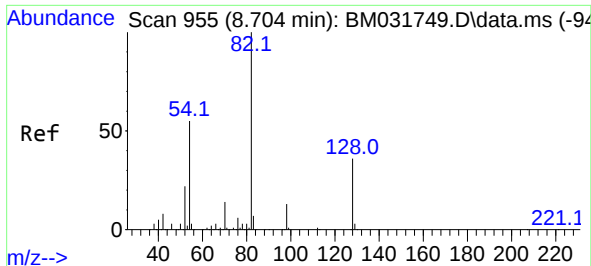


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.292 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BM031825.D
Acq: 19 Aug 2021 13:05



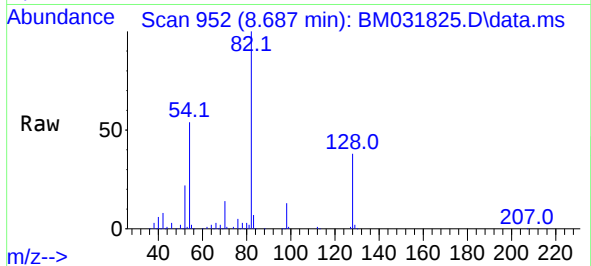
Tgt Ion: 136 Resp: 131234
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 8.1 5.5 8.3
68 5.6 4.2 6.2





#23
Nitrobenzene-d5
Concen: 59.341 ng
RT: 8.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BM031825.D
Acq: 19 Aug 2021 13:05

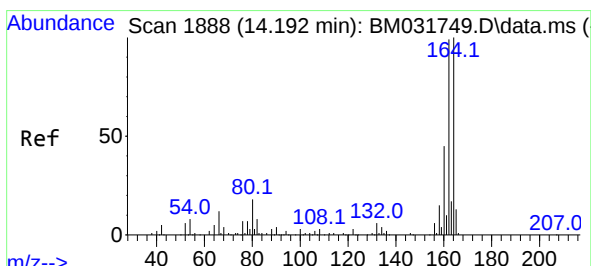
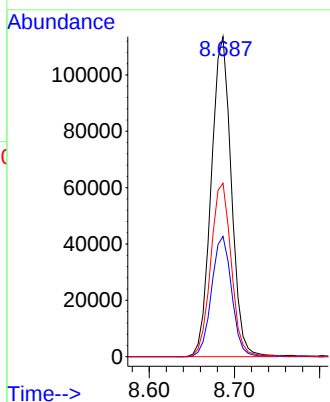
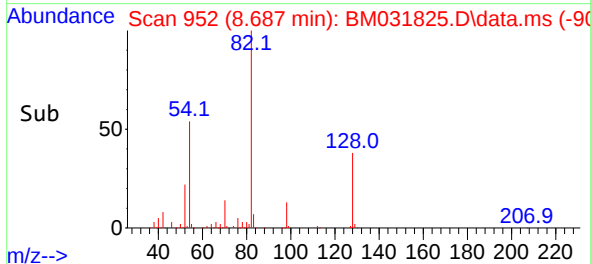
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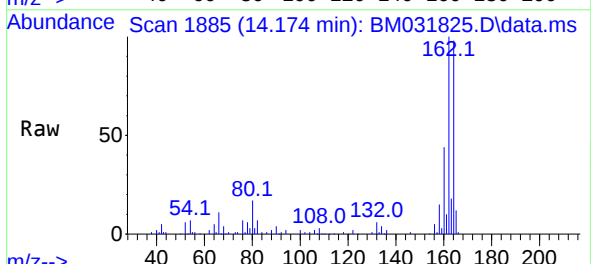
Tgt Ion: 82 Resp: 185989
Ion Ratio Lower Upper
82 100
128 37.6 31.1 46.7
54 54.2 37.3 55.9

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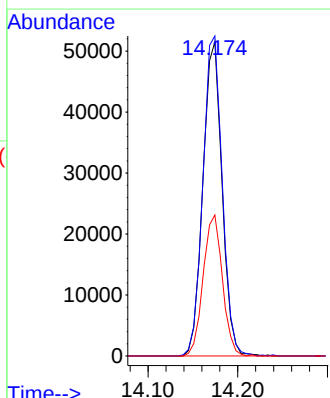
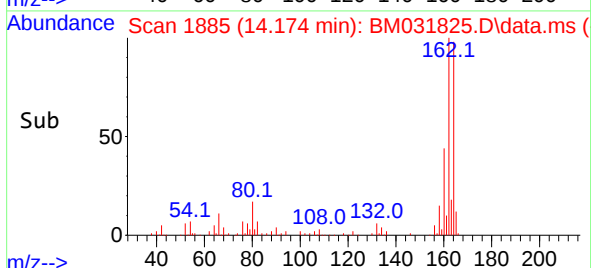
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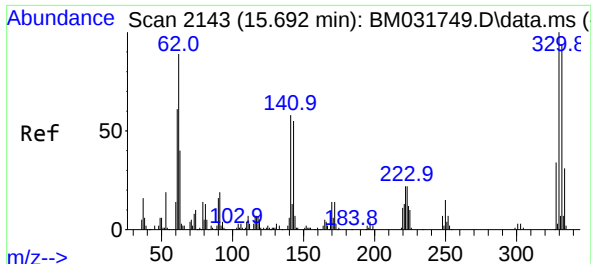


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.174 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BM031825.D
Acq: 19 Aug 2021 13:05



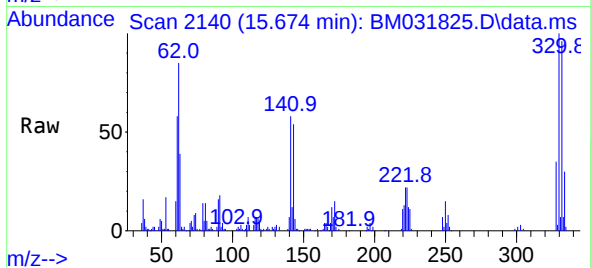
Tgt Ion: 164 Resp: 76076
Ion Ratio Lower Upper
164 100
162 101.9 83.4 125.0
160 44.9 37.2 55.8





#42
2,4,6-Tribromophenol
Concen: 84.226 ng
RT: 15.674 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BM031825.D
Acq: 19 Aug 2021 13:05

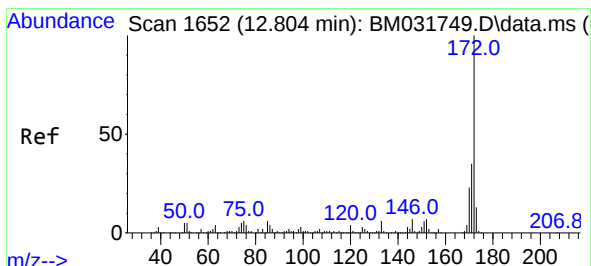
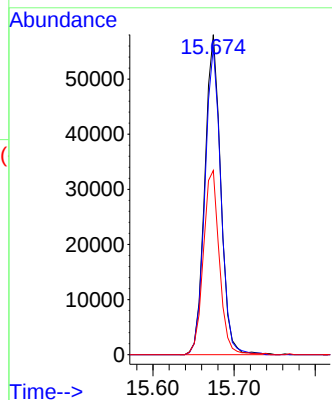
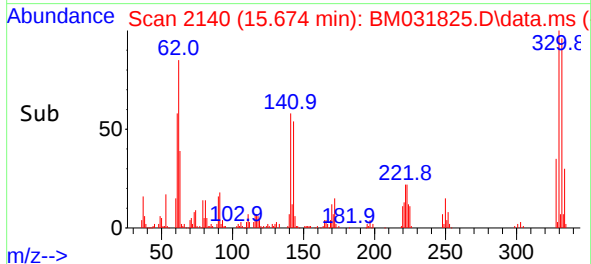
Instrument :
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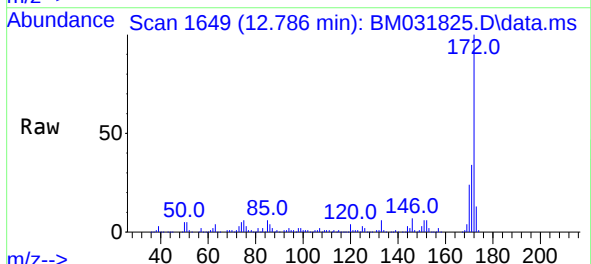
Tgt Ion:330 Resp: 78918
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 58.0 30.2 45.2#

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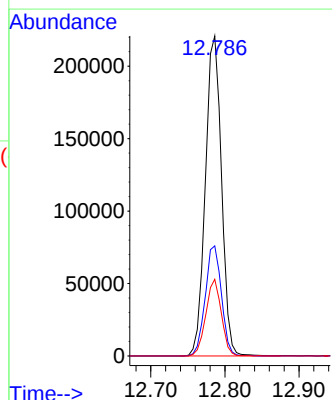
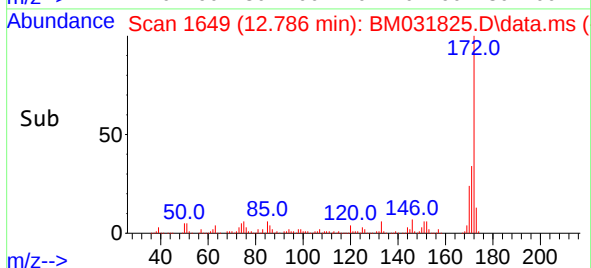
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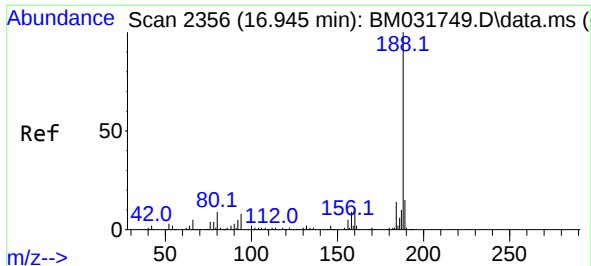


#45
2-Fluorobiphenyl
Concen: 58.436 ng
RT: 12.786 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM031825.D
Acq: 19 Aug 2021 13:05



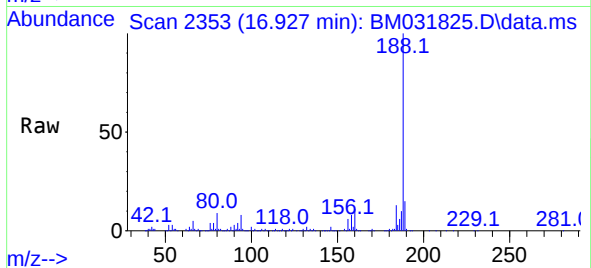
Tgt Ion:172 Resp: 333998
Ion Ratio Lower Upper
172 100
171 34.4 28.6 43.0
170 23.9 18.4 27.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.927 min Scan# 2353
Delta R.T. -0.006 min
Lab File: BM031825.D
Acq: 19 Aug 2021 13:05

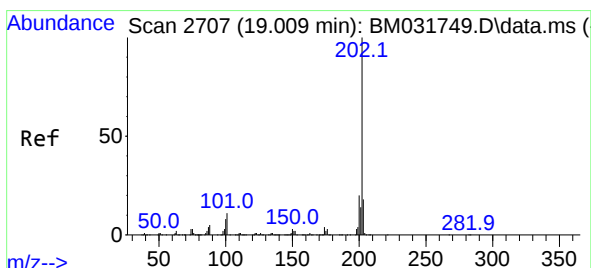
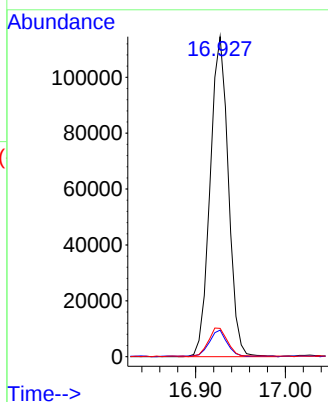
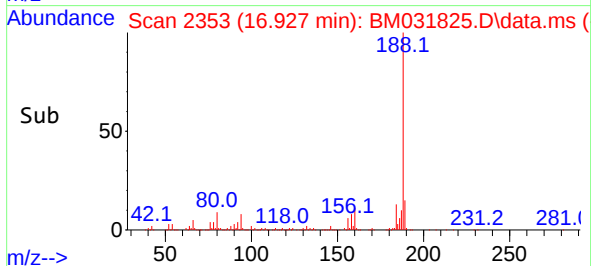
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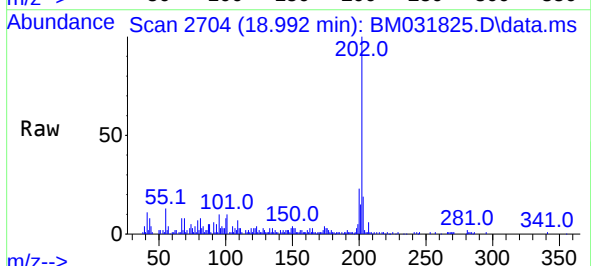
Tgt Ion:188 Resp: 161362
Ion Ratio Lower Upper
188 100
94 8.3 6.0 9.0
80 8.9 6.6 9.8

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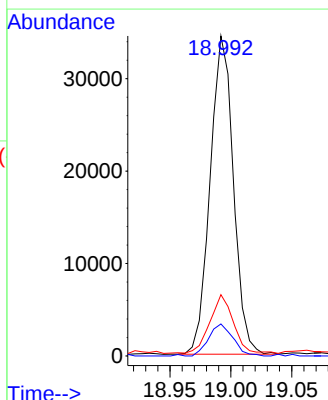
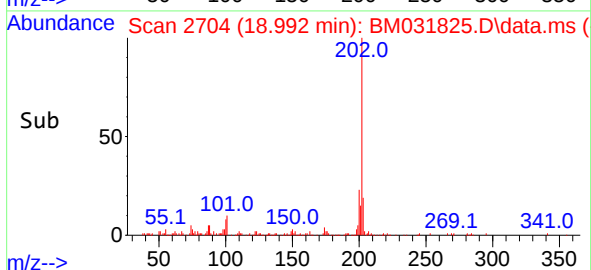
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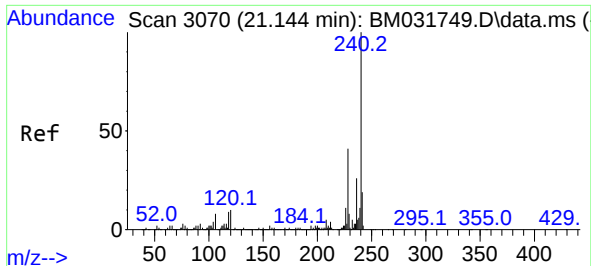


#75
Fluoranthene
Concen: 3.890 ng
RT: 18.992 min Scan# 2704
Delta R.T. -0.006 min
Lab File: BM031825.D
Acq: 19 Aug 2021 13:05

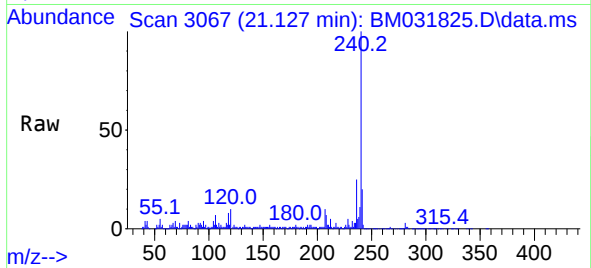


Tgt Ion:202 Resp: 45860
Ion Ratio Lower Upper
202 100
101 10.0 0.0 28.6
203 19.1 0.0 37.3

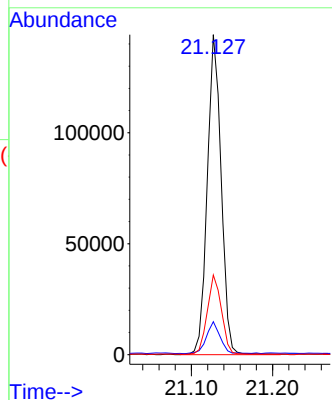




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.127 min Scan# 3067
Delta R.T. -0.006 min
Lab File: BM031825.D
Acq: 19 Aug 2021 13:05



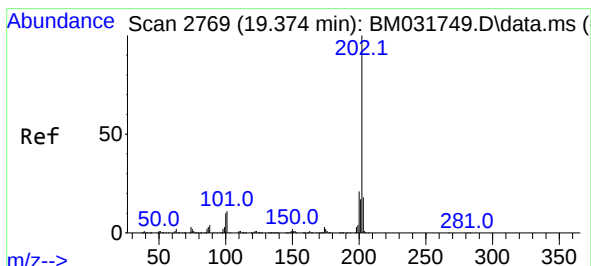
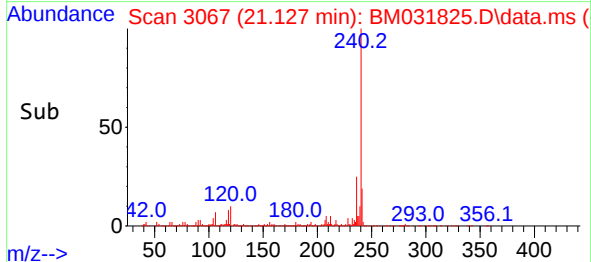
Tgt Ion:240 Resp: 171129
Ion Ratio Lower Upper
240 100
120 10.3 7.0 10.6
236 24.9 21.0 31.4



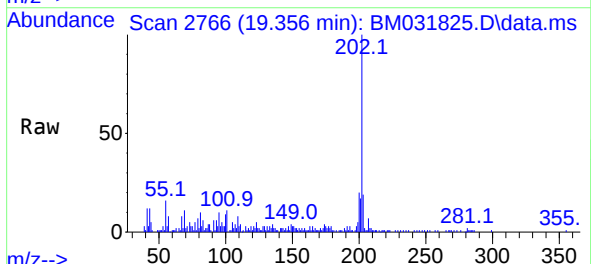
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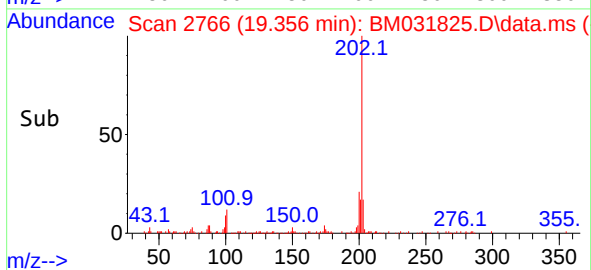
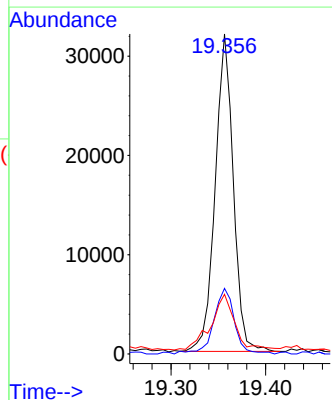
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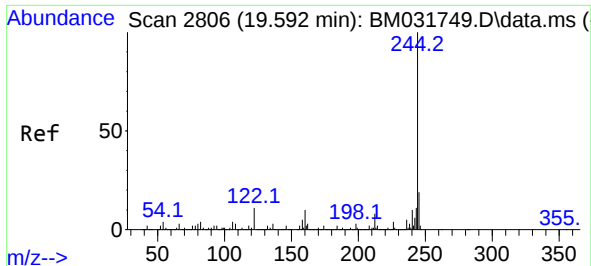


#78
Pyrene
Concen: 3.432 ng
RT: 19.356 min Scan# 2766
Delta R.T. -0.006 min
Lab File: BM031825.D
Acq: 19 Aug 2021 13:05

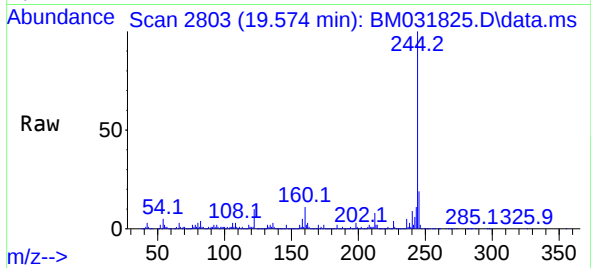


Tgt Ion:202 Resp: 42544
Ion Ratio Lower Upper
202 100
200 20.5 17.3 25.9
203 18.6 13.9 20.9

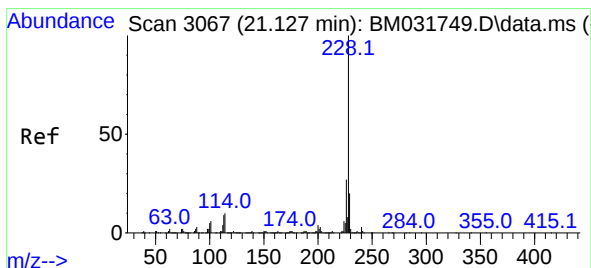
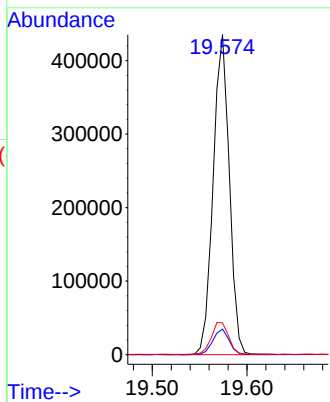
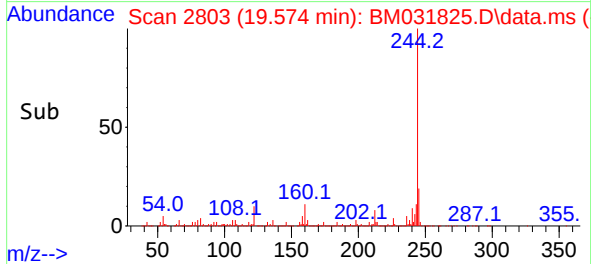




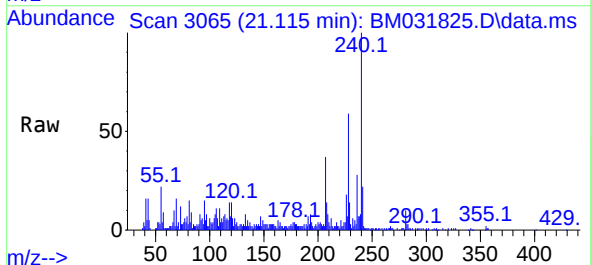
#79
 Terphenyl-d14
 Concen: 50.811 ng
 RT: 19.574 min Scan# 2803
 Delta R.T. -0.006 min
 Lab File: BM031825.D
 Acq: 19 Aug 2021 13:05



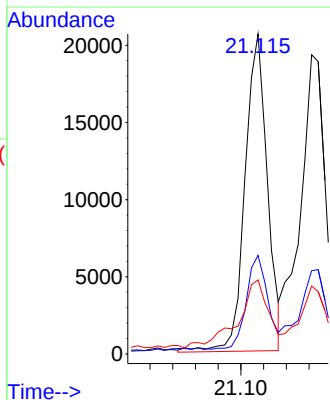
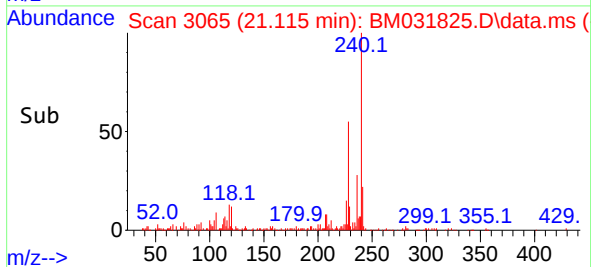
Tgt Ion:244 Resp: 516074
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 9.9 6.9 10.3



#81
 Benzo(a)anthracene
 Concen: 2.241 ng
 RT: 21.115 min Scan# 3065
 Delta R.T. -0.006 min
 Lab File: BM031825.D
 Acq: 19 Aug 2021 13:05



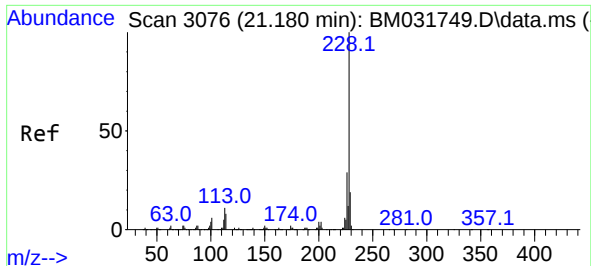
Tgt Ion:228 Resp: 28092
 Ion Ratio Lower Upper
 228 100
 226 30.8 22.3 33.5
 229 23.1 15.7 23.5



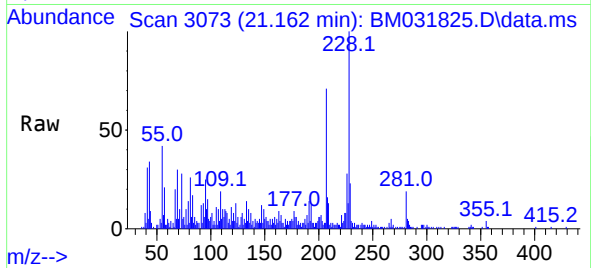
Instrument :
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Manual Integrations
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#83
Chrysene
Concen: 2.469 ng m
RT: 21.162 min Scan# 3073
Delta R.T. -0.012 min
Lab File: BM031825.D
Acq: 19 Aug 2021 13:05

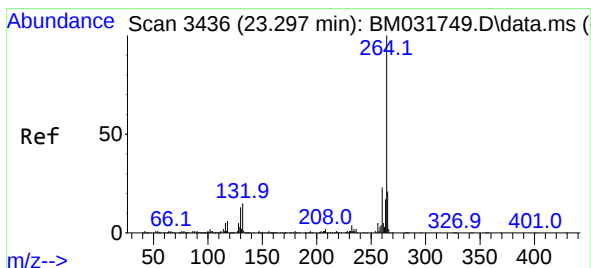
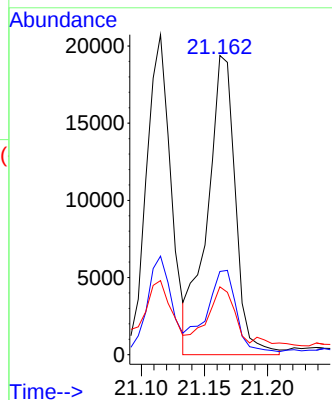


Tgt Ion:228 Resp: 30164
Ion Ratio Lower Upper
228 100
226 27.8 24.6 36.8
229 22.7 15.5 23.3

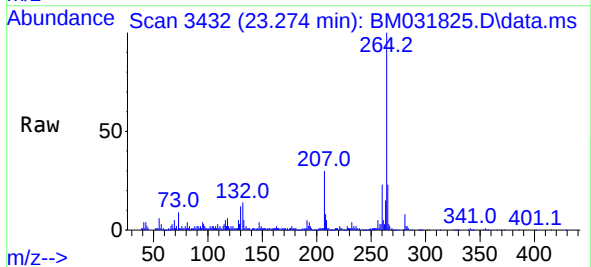
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BNA_M
ClientSampleId :
SWCS-10-0205

Manual Integrations
APPROVED

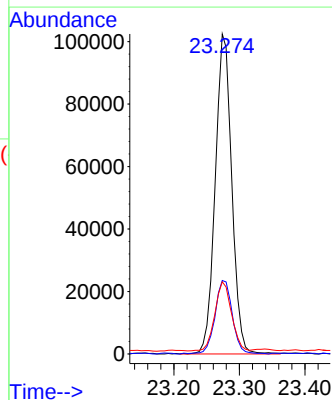
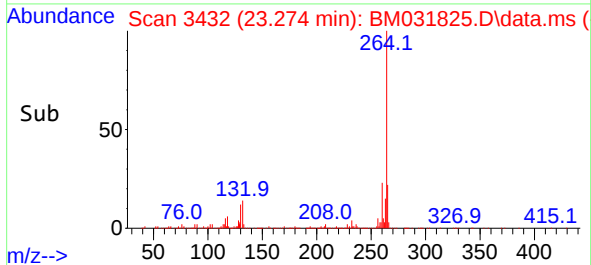
mohammad
8/20/2021 2:26:13 PM

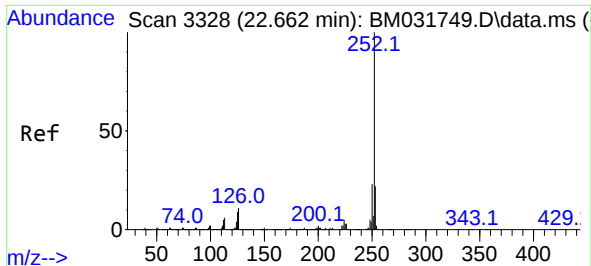


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.274 min Scan# 3432
Delta R.T. -0.006 min
Lab File: BM031825.D
Acq: 19 Aug 2021 13:05



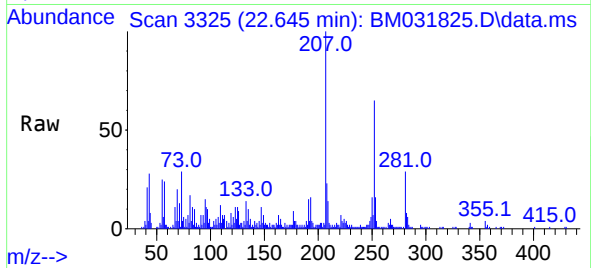
Tgt Ion:264 Resp: 179083
Ion Ratio Lower Upper
264 100
260 22.9 19.8 29.8
265 22.5 17.7 26.5





#88
Benzo(b)fluoranthene
Concen: 2.910 ng
RT: 22.645 min Scan# 3325
Delta R.T. 0.000 min
Lab File: BM031825.D
Acq: 19 Aug 2021 13:05

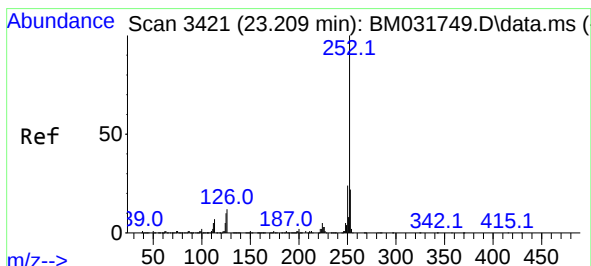
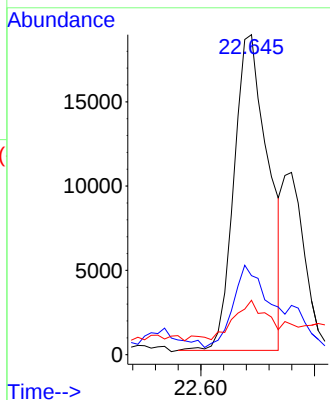
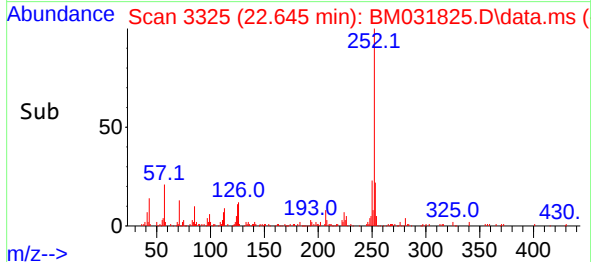
Instrument :
BNA_M
ClientSampleId :
SWCS-10-0205



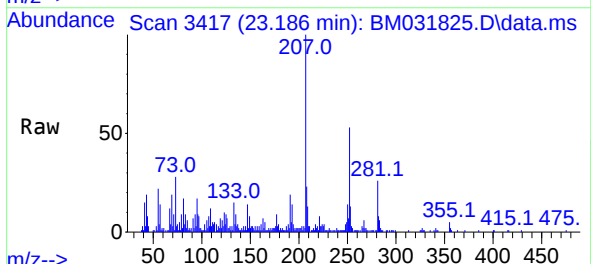
Tgt Ion:252 Resp: 39132
Ion Ratio Lower Upper
252 100
253 24.7 17.4 26.0
125 17.0 6.8 10.2#

Manual Integrations
APPROVED

mohammad
8/20/2021 2:26:13 PM



#90
Benzo(a)pyrene
Concen: 2.293 ng
RT: 23.186 min Scan# 3417
Delta R.T. -0.006 min
Lab File: BM031825.D
Acq: 19 Aug 2021 13:05



Tgt Ion:252 Resp: 27300
Ion Ratio Lower Upper
252 100
253 23.8 17.7 26.5
125 16.9 7.3 10.9#

