

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082021\
 Data File : BM031858.D
 Acq On : 21 Aug 2021 01:16
 Operator : CG/JU
 Sample : M3434-27
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SWCS-14-0205

Manual Integrations
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Quant Time: Aug 21 04:27:38 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	37191	20.000	ng	0.00
21) Naphthalene-d8	10.293	136	148935	20.000	ng	# 0.00
39) Acenaphthene-d10	14.175	164	89009	20.000	ng	0.00
64) Phenanthrene-d10	16.927	188	178668	20.000	ng	0.00
76) Chrysene-d12	21.127	240	170321	20.000	ng	# 0.00
86) Perylene-d12	23.280	264	180987	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	348411	150.359	ng	0.00
7) Phenol-d6	6.734	99	422082	125.706	ng	0.00
23) Nitrobenzene-d5	8.687	82	300448	84.467	ng	0.00
42) 2,4,6-Tribromophenol	15.675	330	123838	112.964	ng	0.00
45) 2-Fluorobiphenyl	12.787	172	501868	75.048	ng	0.00
79) Terphenyl-d14	19.574	244	645914	63.896	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	18.992	202	36992	2.834	ng	98
78) Pyrene	19.357	202	41580	3.370	ng	97
83) Chrysene	21.168	228	26975	2.218	ng	# 89
88) Benzo(b)fluoranthene	22.645	252	36435m	2.681	ng	
90) Benzo(a)pyrene	23.186	252	25449	2.115	ng	# 86

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

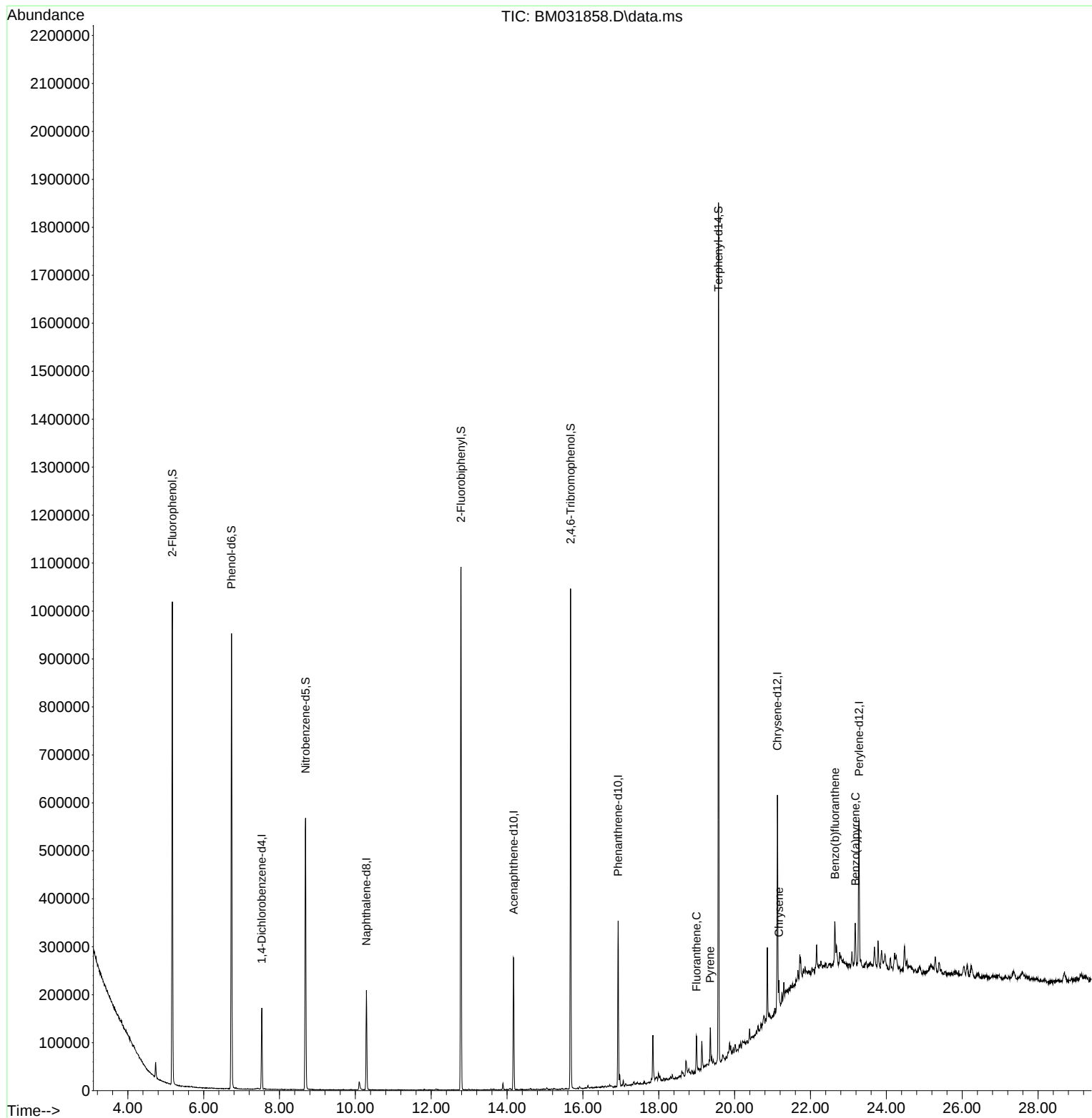
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082021\
Data File : BM031858.D
Acq On : 21 Aug 2021 01:16
Operator : CG/JU
Sample : M3434-27
Misc :
ALS Vial : 14 Sample Multiplier: 1

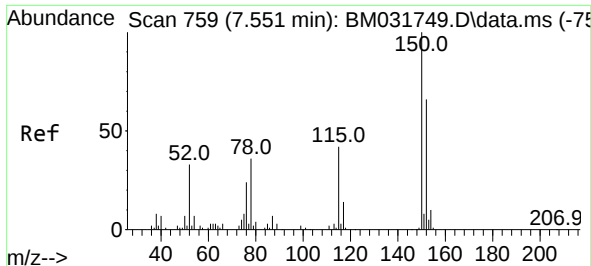
Instrument :
BNA_M
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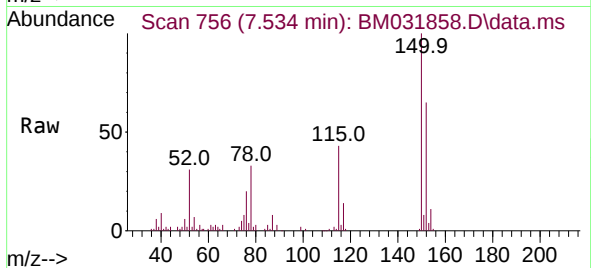
Quant Time: Aug 21 04:27:38 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 18 14:13:35 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BM031858.D
Acq: 21 Aug 2021 01:16

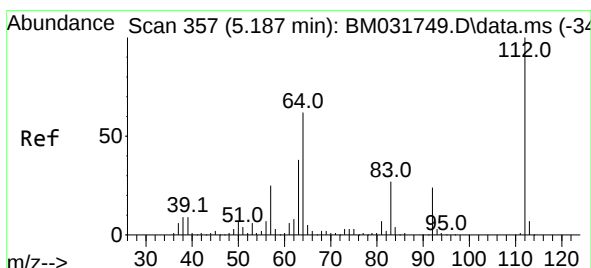
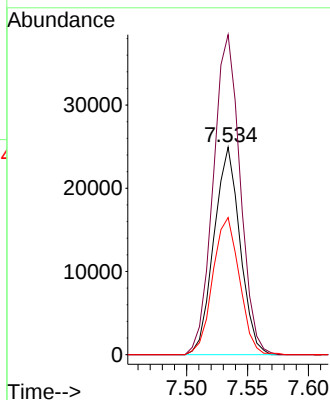
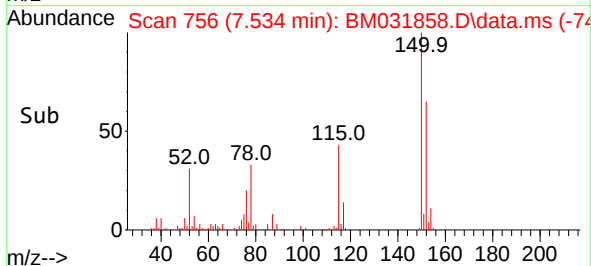
Instrument :
BNA_M
ClientSampleId :
SWCS-14-0205



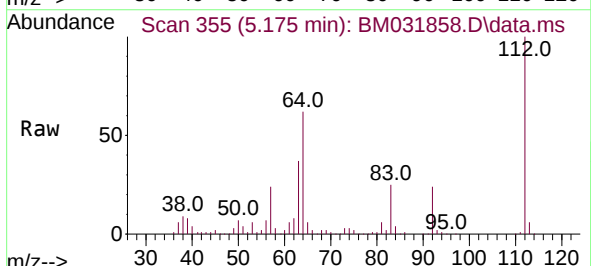
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.9	188.9
115	66.1	44.6	67.0

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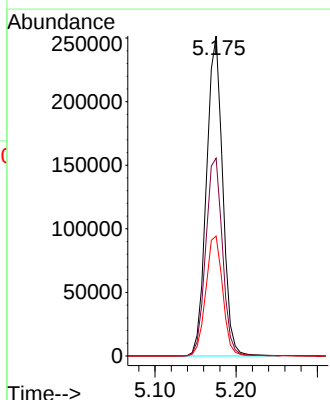
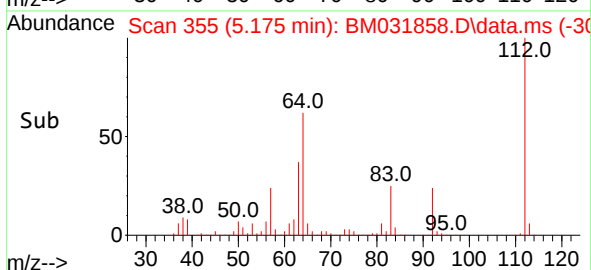
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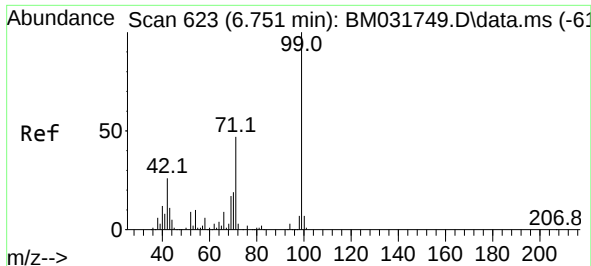


#5
2-Fluorophenol
Concen: 150.359 ng
RT: 5.175 min Scan# 355
Delta R.T. 0.000 min
Lab File: BM031858.D
Acq: 21 Aug 2021 01:16



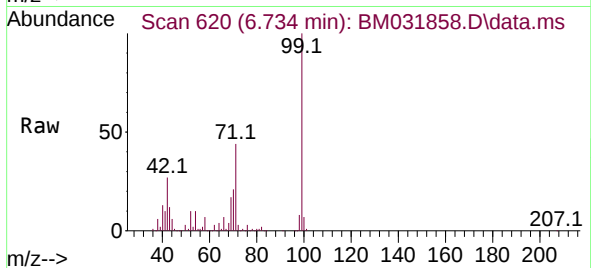
Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	47.1	70.7
63	37.5	27.3	40.9





#7
Phenol-d6
Concen: 125.706 ng
RT: 6.734 min Scan# 620
Delta R.T. 0.000 min
Lab File: BM031858.D
Acq: 21 Aug 2021 01:16

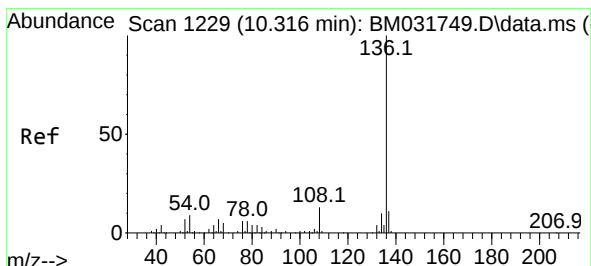
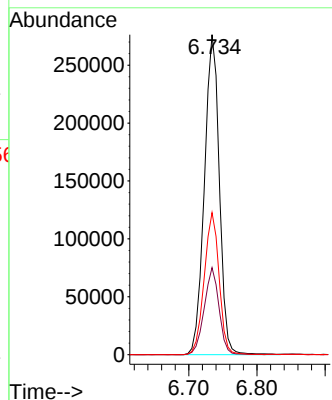
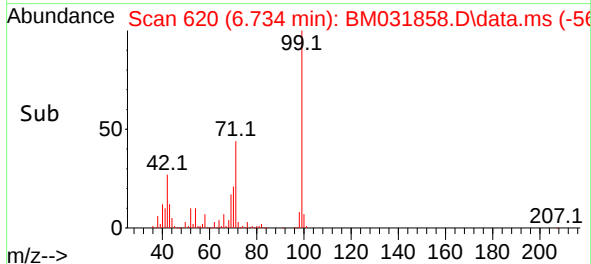
Instrument :
BNA_M
ClientSampleId :
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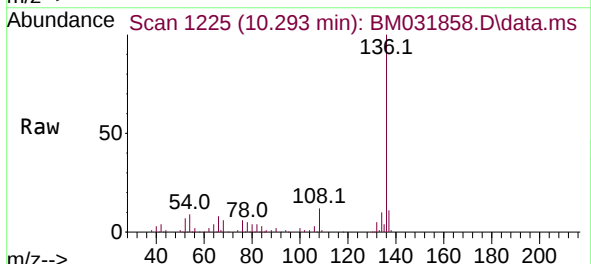
Tgt Ion: 99 Resp: 422082
Ion Ratio Lower Upper
99 100
42 27.2 18.0 27.0#
71 44.4 30.9 46.3

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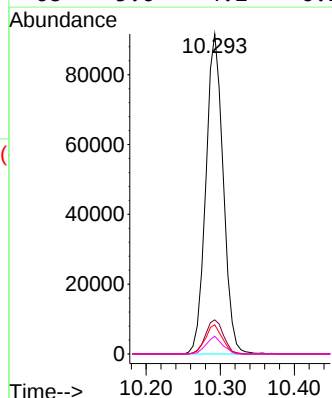
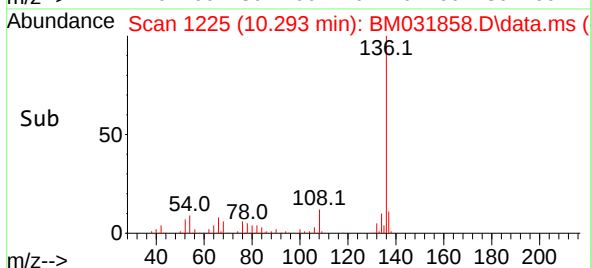
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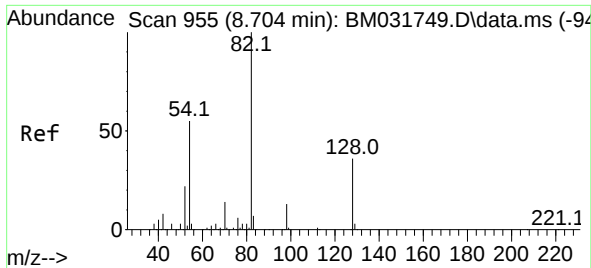


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.293 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BM031858.D
Acq: 21 Aug 2021 01:16



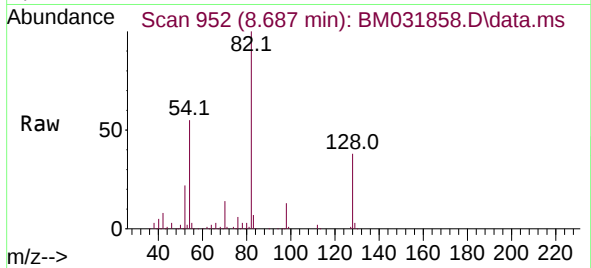
Tgt Ion: 136 Resp: 148935
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 9.1 5.5 8.3#
68 5.6 4.2 6.2





#23
Nitrobenzene-d5
Concen: 84.467 ng
RT: 8.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BM031858.D
Acq: 21 Aug 2021 01:16

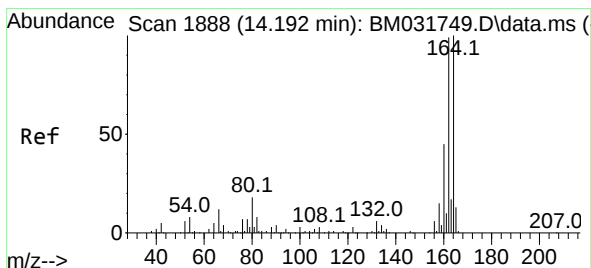
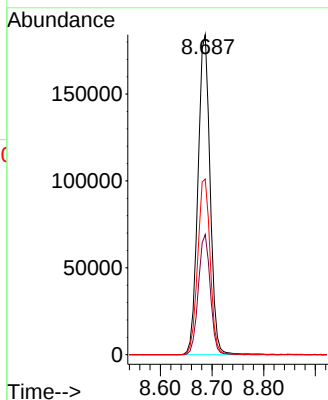
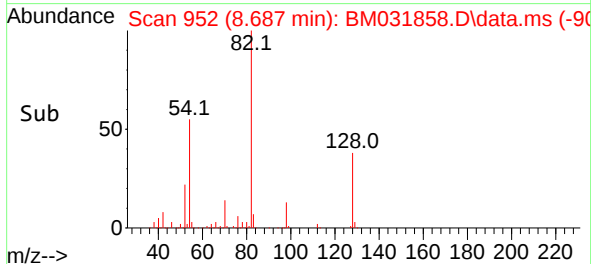
Instrument :
BNA_M
ClientSampleId :
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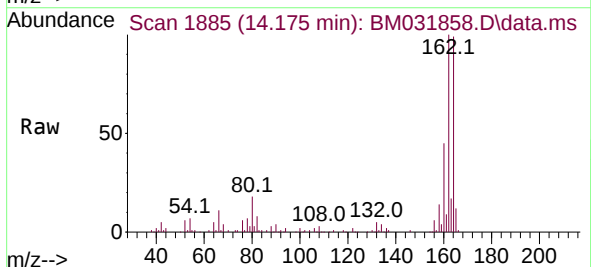
Tgt Ion: 82 Resp: 300448
Ion Ratio Lower Upper
82 100
128 37.6 31.1 46.7
54 54.9 37.3 55.9

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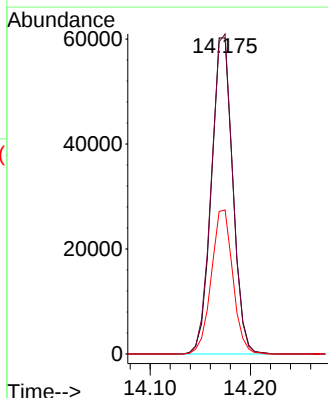
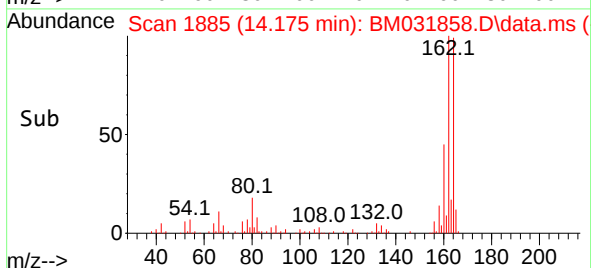
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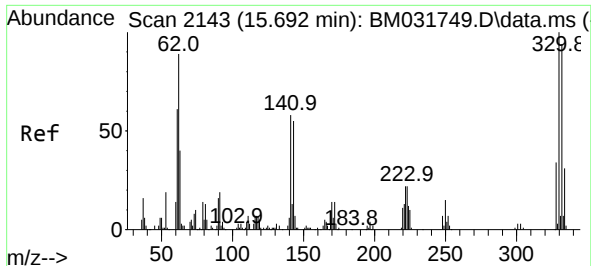


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.175 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BM031858.D
Acq: 21 Aug 2021 01:16



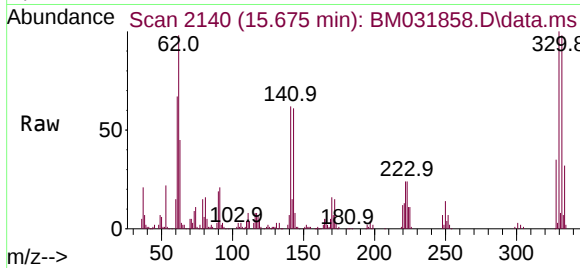
Tgt Ion: 164 Resp: 89009
Ion Ratio Lower Upper
164 100
162 101.2 83.4 125.0
160 45.5 37.2 55.8





#42
2,4,6-Tribromophenol
Concen: 112.964 ng
RT: 15.675 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BM031858.D
Acq: 21 Aug 2021 01:16

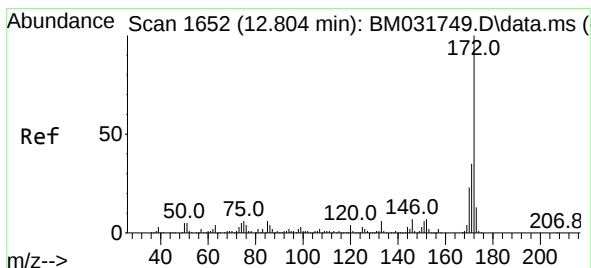
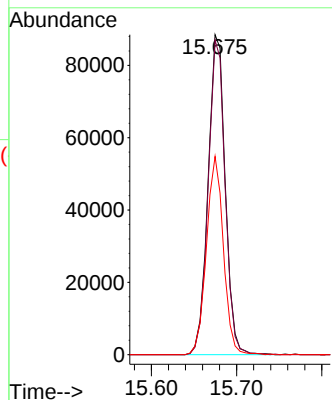
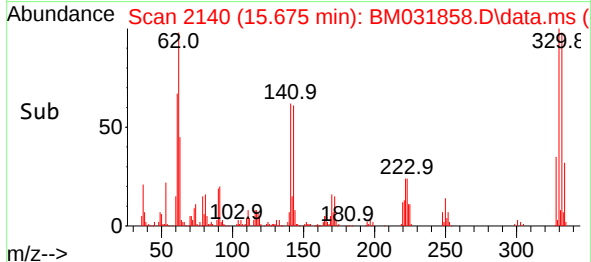
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ClientSampleId :
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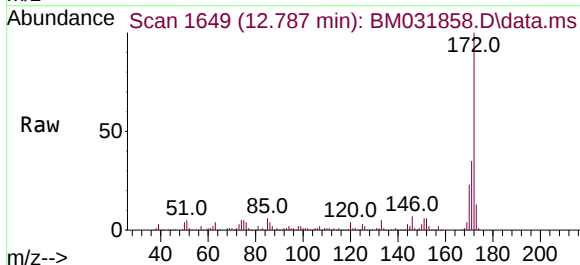
Tgt Ion:330 Resp: 123838
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 61.3 30.2 45.2#

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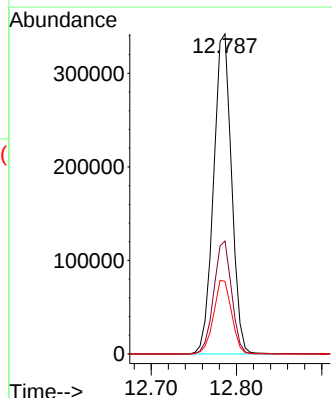
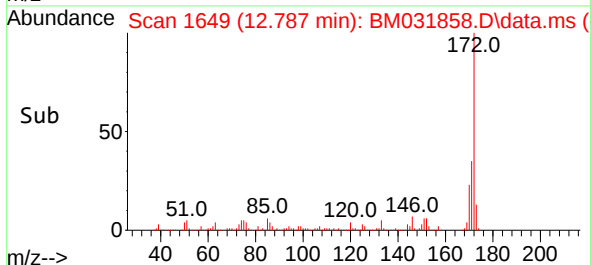
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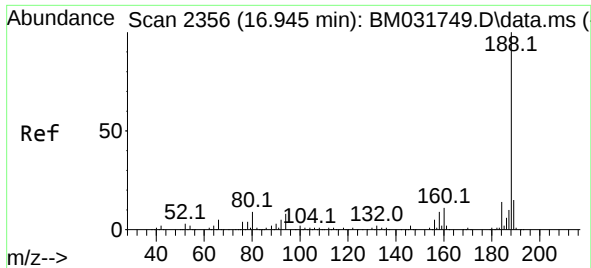


#45
2-Fluorobiphenyl
Concen: 75.048 ng
RT: 12.787 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM031858.D
Acq: 21 Aug 2021 01:16



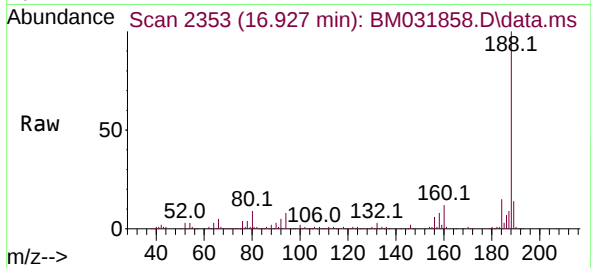
Tgt Ion:172 Resp: 501868
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 22.7 18.4 27.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.927 min Scan# 2353
Delta R.T. -0.006 min
Lab File: BM031858.D
Acq: 21 Aug 2021 01:16

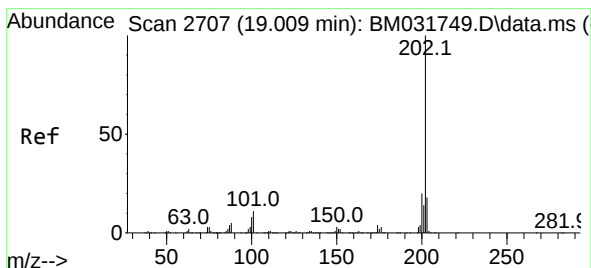
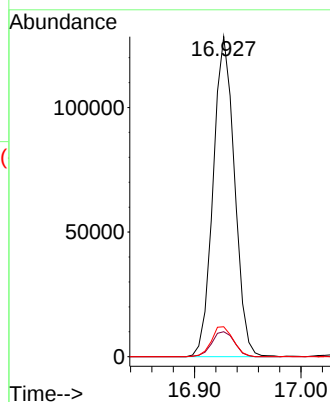
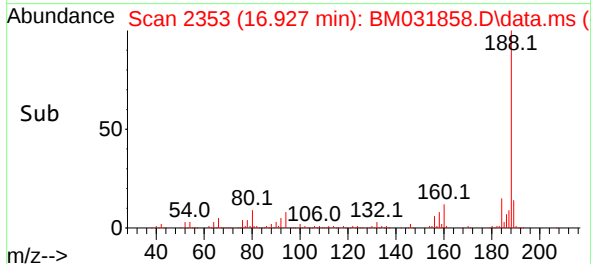
Instrument :
BNA_M
ClientSampleId :
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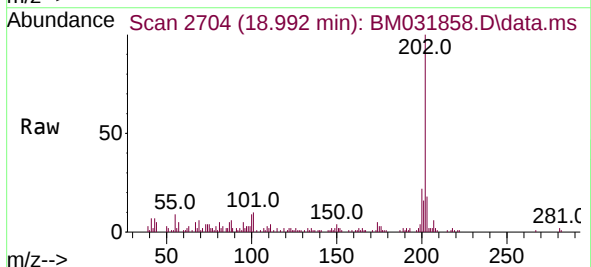
Tgt Ion:188 Resp: 178668
Ion Ratio Lower Upper
188 100
94 7.8 6.0 9.0
80 9.4 6.6 9.8

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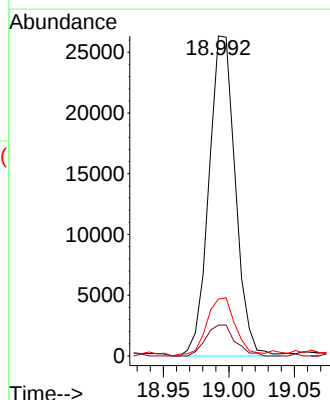
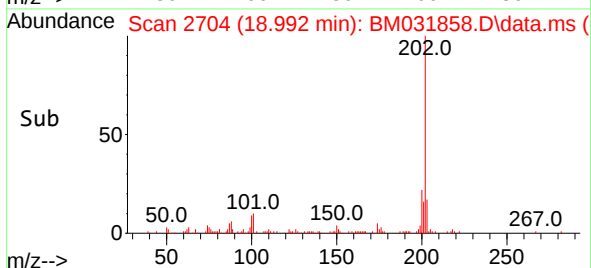
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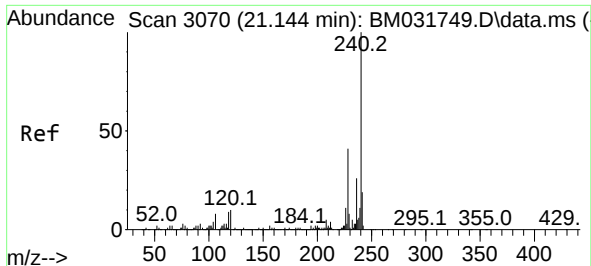


#75
Fluoranthene
Concen: 2.834 ng
RT: 18.992 min Scan# 2704
Delta R.T. -0.006 min
Lab File: BM031858.D
Acq: 21 Aug 2021 01:16



Tgt Ion:202 Resp: 36992
Ion Ratio Lower Upper
202 100
101 9.7 0.0 28.6
203 17.8 0.0 37.3





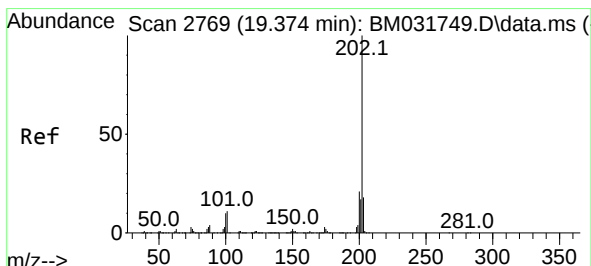
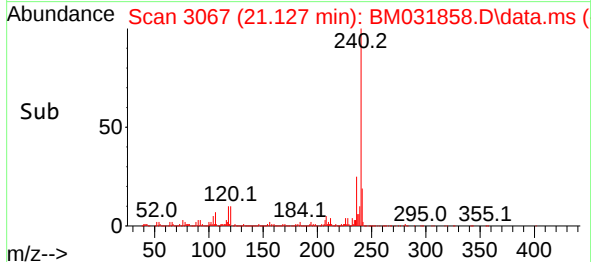
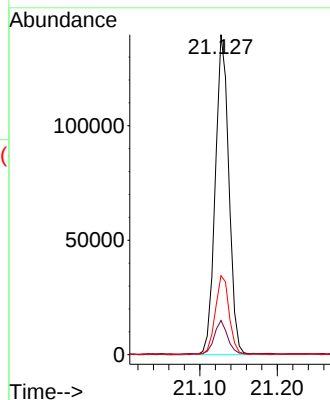
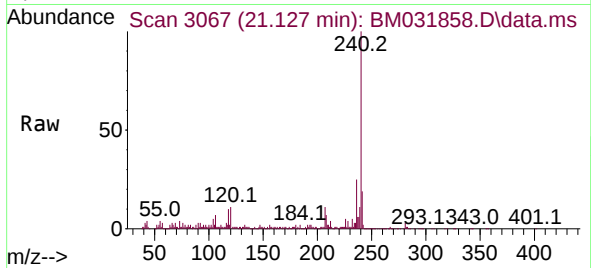
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Chrysene-d12
Concen: 20.000 ng
RT: 21.127 min Scan# 3067
Delta R.T. -0.006 min
Lab File: BM031858.D
Acq: 21 Aug 2021 01:16

Tgt Ion:240 Resp: 170321
Ion Ratio Lower Upper
240 100
120 10.7 7.0 10.6#
236 24.7 21.0 31.4

Instrument :
BNA_M
ClientSampleId :
SWCS-14-0205

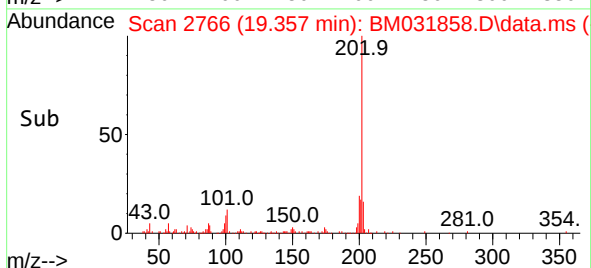
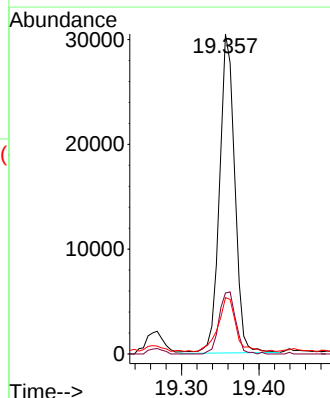
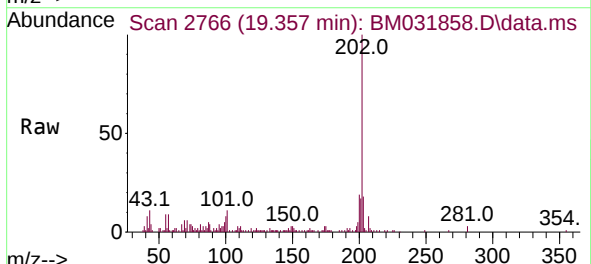
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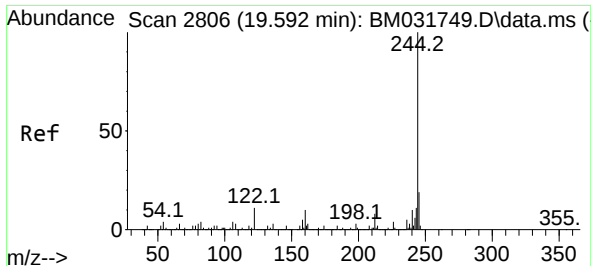
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#78
Pyrene
Concen: 3.370 ng
RT: 19.357 min Scan# 2766
Delta R.T. -0.006 min
Lab File: BM031858.D
Acq: 21 Aug 2021 01:16

Tgt Ion:202 Resp: 41580
Ion Ratio Lower Upper
202 100
200 19.0 17.3 25.9
203 17.6 13.9 20.9





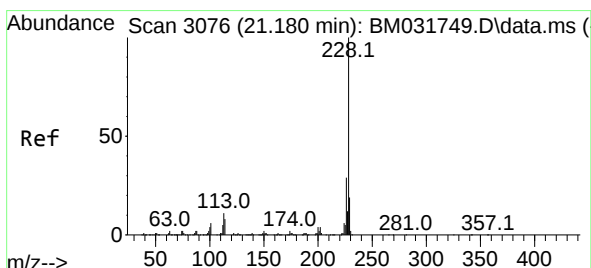
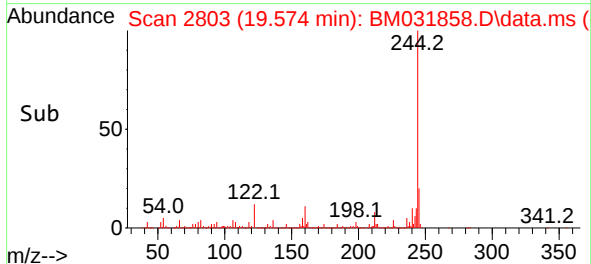
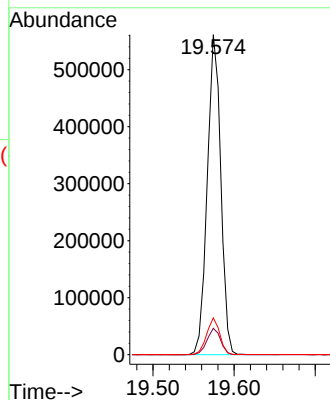
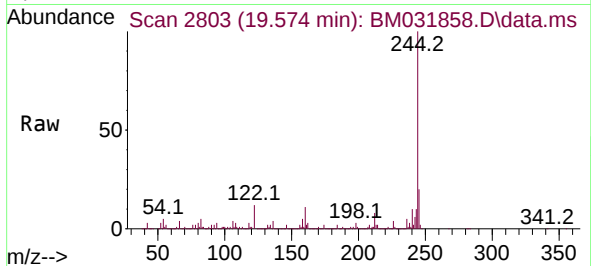
#79
Terphenyl-d14
Concen: 63.896 ng
RT: 19.574 min Scan# 2803
Delta R.T. -0.006 min
Lab File: BM031858.D
Acq: 21 Aug 2021 01:16

Instrument :
BNA_M
ClientSampleId :
SWCS-14-0205

Tgt Ion:244 Resp: 645914
Ion Ratio Lower Upper
244 100
212 8.3 6.3 9.5
122 11.5 6.9 10.3#

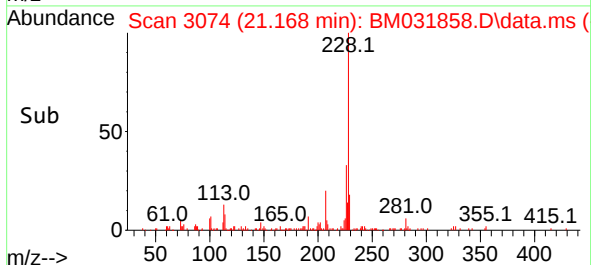
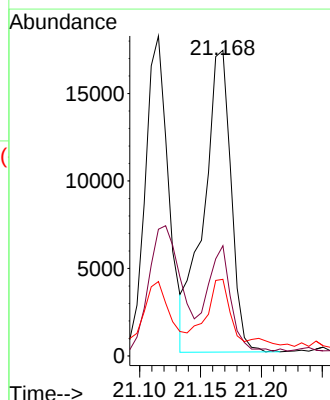
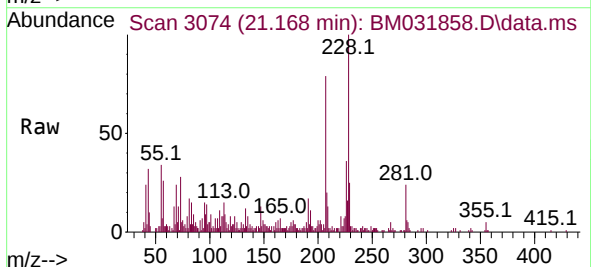
Manual Integrations
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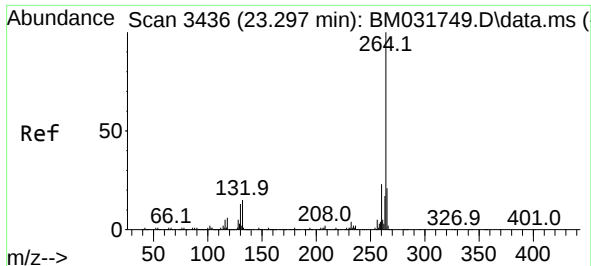
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#83
Chrysene
Concen: 2.218 ng
RT: 21.168 min Scan# 3074
Delta R.T. -0.006 min
Lab File: BM031858.D
Acq: 21 Aug 2021 01:16

Tgt Ion:228 Resp: 26975
Ion Ratio Lower Upper
228 100
226 36.1 24.6 36.8
229 25.1 15.5 23.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.280 min Scan# 3433
Delta R.T. 0.000 min
Lab File: BM031858.D
Acq: 21 Aug 2021 01:16

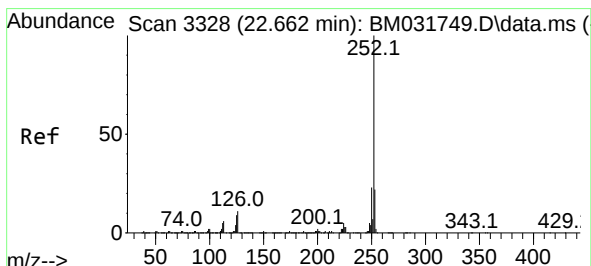
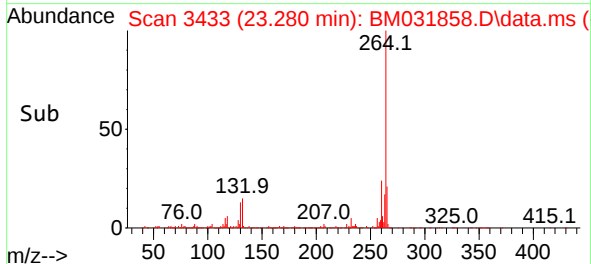
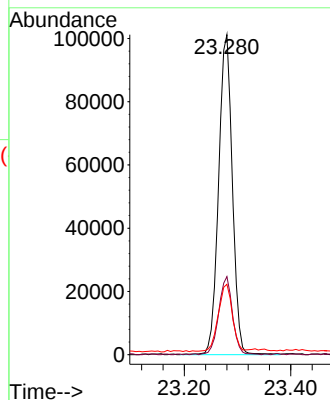
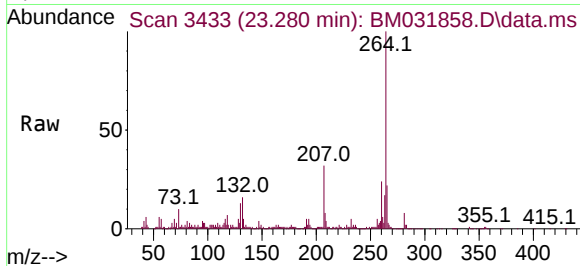
Tgt Ion:264 Resp: 180987

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.8
265	22.0	17.7	26.5

Instrument :
BNA_M
ClientSampleId :
SWCS-14-0205

Manual Integrations
APPROVED

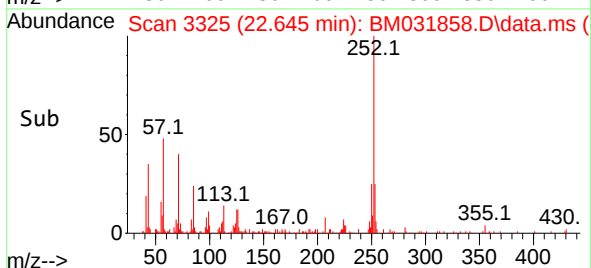
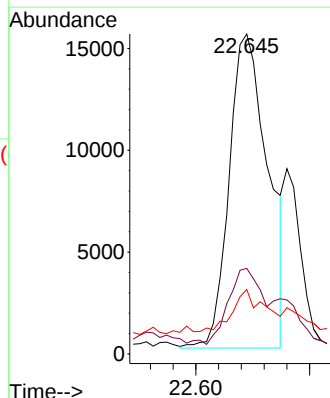
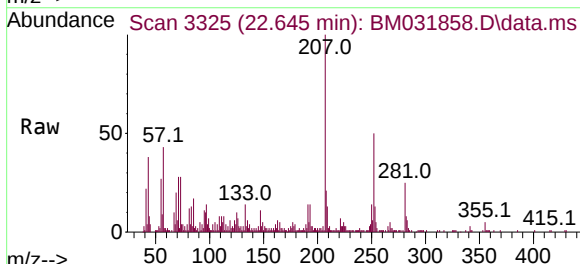
mohammad
8/23/2021 4:25:18 PM

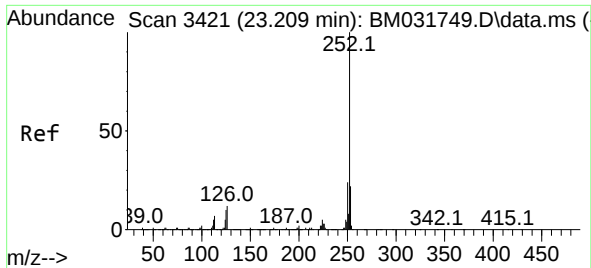


#88
Benzo(b)fluoranthene
Concen: 2.681 ng m
RT: 22.645 min Scan# 3325
Delta R.T. 0.000 min
Lab File: BM031858.D
Acq: 21 Aug 2021 01:16

Tgt Ion:252 Resp: 36435

Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.4	26.0#
125	20.2	6.8	10.2#





#90
Benzo(a)pyrene
Concen: 2.115 ng
RT: 23.186 min Scan# 3417
Delta R.T. -0.006 min
Lab File: BM031858.D
Acq: 21 Aug 2021 01:16

Tgt Ion:	252	Resp:	25449
Ion Ratio	Lower	Upper	
252	100		
253	27.9	17.7	26.5#
125	16.2	7.3	10.9#

Instrument :
BNA_M
ClientSampleId :
SWCS-14-0205

Manual Integrations
APPROVED

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8/23/2021 4:25:18 PM

