

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081921\
 Data File : BM031829.D
 Acq On : 19 Aug 2021 15:34
 Operator : CG/JU
 Sample : M3435-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SWCS-21-0002

Manual Integrations
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Quant Time: Aug 19 17:10:08 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	39384	20.000	ng	0.00
21) Naphthalene-d8	10.292	136	155266	20.000	ng	# 0.00
39) Acenaphthene-d10	14.174	164	94285	20.000	ng	0.00
64) Phenanthrene-d10	16.927	188	186383	20.000	ng	# 0.00
76) Chrysene-d12	21.133	240	176593	20.000	ng	0.00
86) Perylene-d12	23.280	264	183565	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	255262	104.026	ng	0.00
7) Phenol-d6	6.734	99	336670	94.685	ng	0.00
23) Nitrobenzene-d5	8.686	82	236498	63.777	ng	0.00
42) 2,4,6-Tribromophenol	15.674	330	103258	88.920	ng	0.00
45) 2-Fluorobiphenyl	12.786	172	402648	56.841	ng	0.00
79) Terphenyl-d14	19.574	244	513187	48.963	ng	0.00
Target Compounds						
						Qvalue
20) 3+4-Methylphenols	8.310	107	10869	3.096	ng	88
71) Phenanthrene	16.968	178	37127	3.266	ng	99
75) Fluoranthene	18.992	202	104179	7.651	ng	99
78) Pyrene	19.356	202	92949	7.266	ng	99
81) Benzo(a)anthracene	21.115	228	44448	3.436	ng	98
83) Chrysene	21.168	228	57385	4.551	ng	98
84) Bis(2-ethylhexyl)phtha...	21.062	149	19321	2.039	ng	95
87) Indeno(1,2,3-cd)pyrene	25.397	276	40141	3.103	ng	98
88) Benzo(b)fluoranthene	22.644	252	78687	5.709	ng	# 91
89) Benzo(k)fluoranthene	22.685	252	30223m	2.272	ng	
90) Benzo(a)pyrene	23.185	252	47039	3.855	ng	# 94
92) Benzo(g,h,i)perylene	26.044	276	39223	3.786	ng	# 96

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

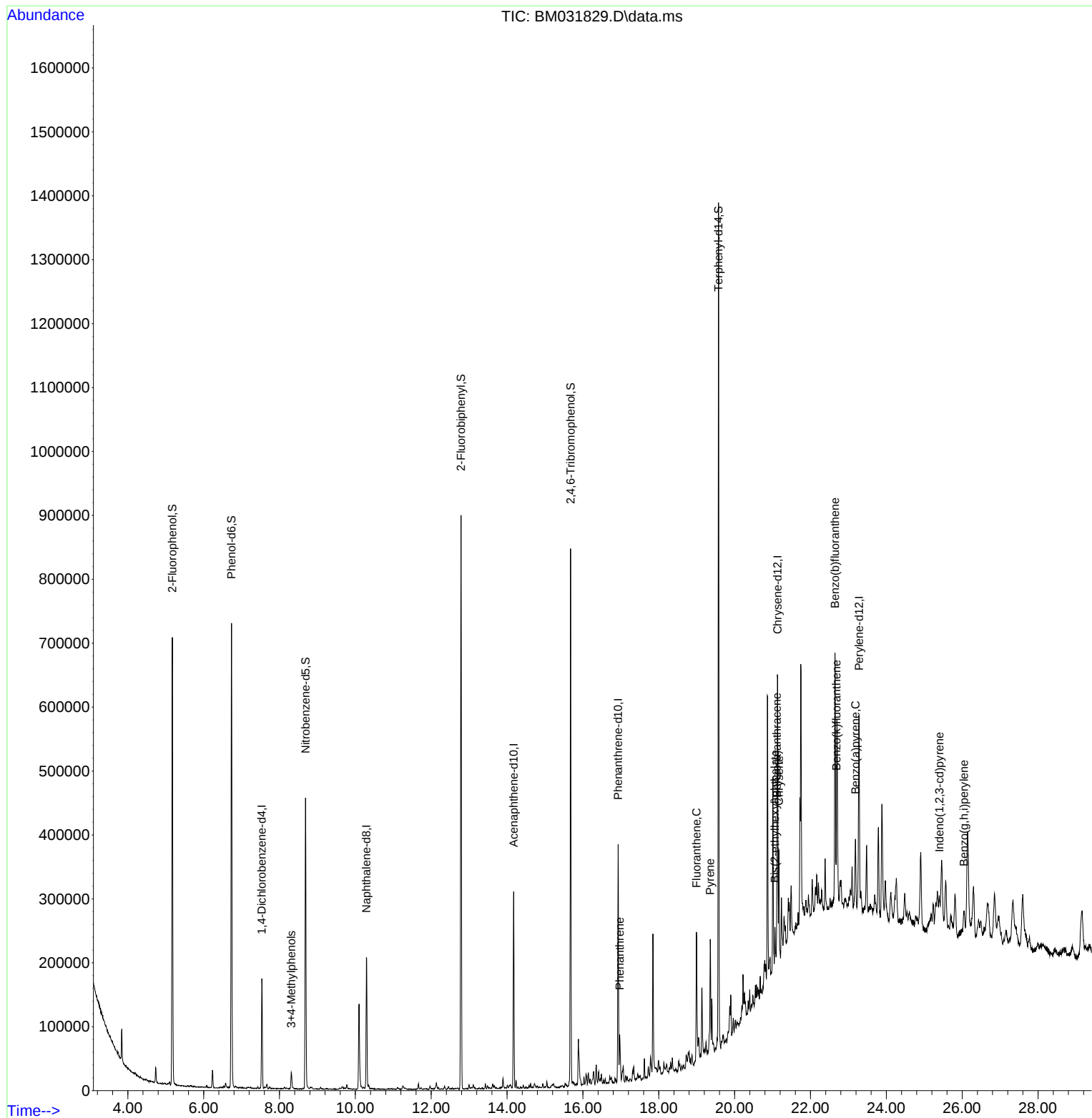
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Data File : BM031829.D
Acq On : 19 Aug 2021 15:34
Operator : CG/JU
Sample : M3435-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

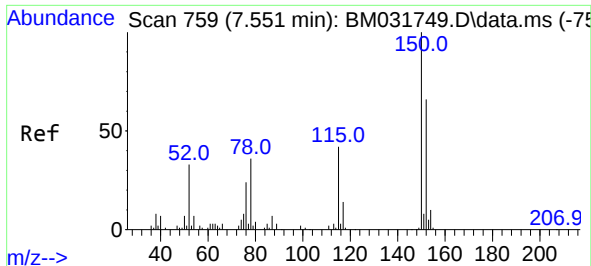
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ClientSampleId :
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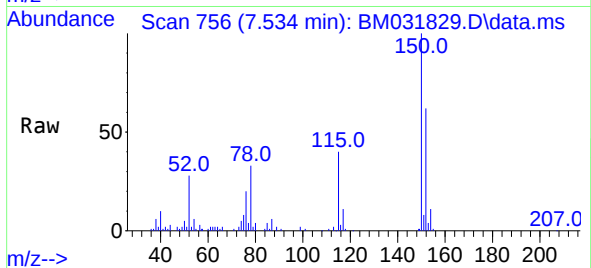
Quant Time: Aug 19 17:10:08 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 18 14:13:35 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34

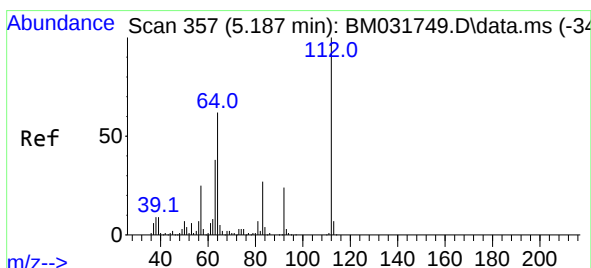
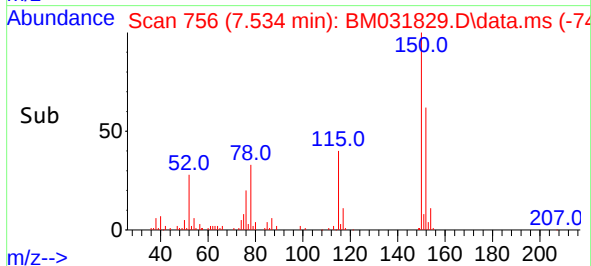
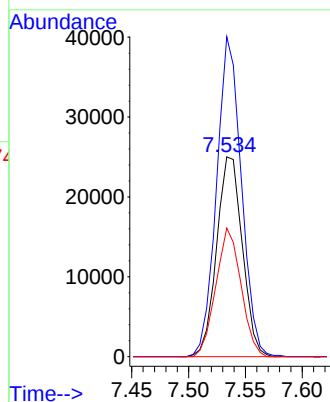
Instrument :
BNA_M
ClientSampleId :
SWCS-21-0002



Tgt Ion:152 Resp: 39384
Ion Ratio Lower Upper
152 100
150 160.1 125.9 188.9
115 64.3 44.6 67.0

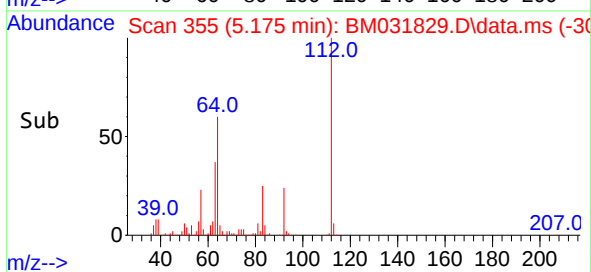
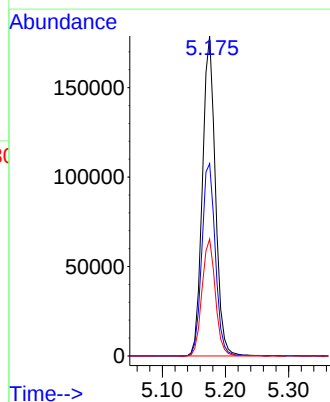
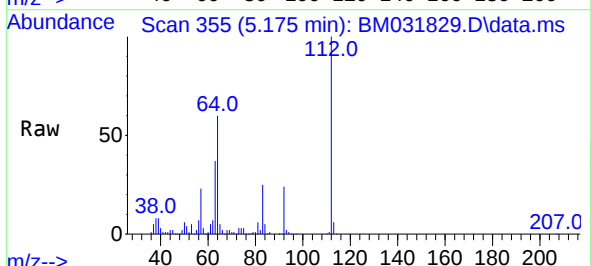
Manual Integrations
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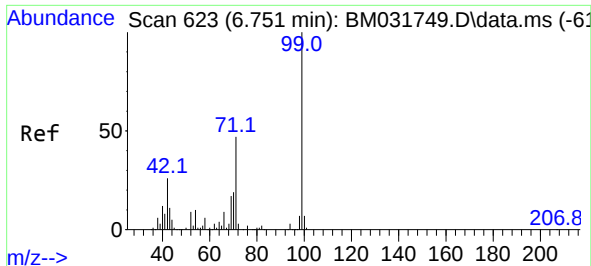
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#5
2-Fluorophenol
Concen: 104.026 ng
RT: 5.175 min Scan# 355
Delta R.T. -0.000 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34

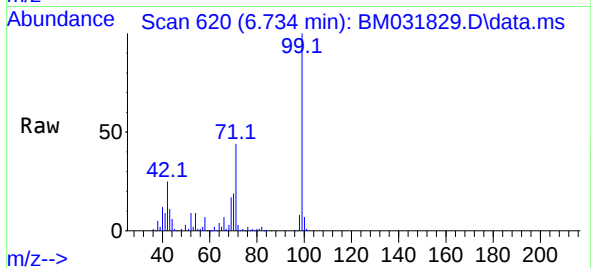
Tgt Ion:112 Resp: 255262
Ion Ratio Lower Upper
112 100
64 60.1 47.1 70.7
63 36.6 27.3 40.9





#7
Phenol-d6
Concen: 94.685 ng
RT: 6.734 min Scan# 620
Delta R.T. -0.000 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34

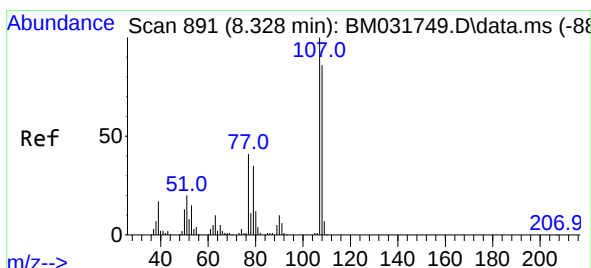
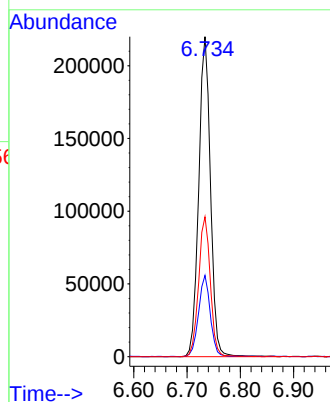
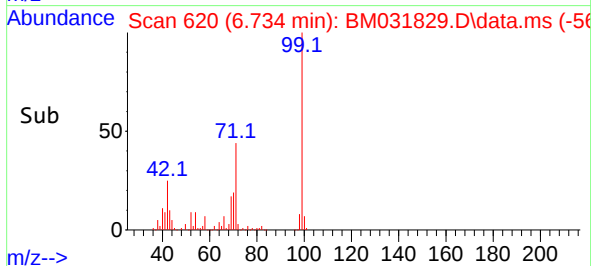
Instrument :
BNA_M
ClientSampleId :
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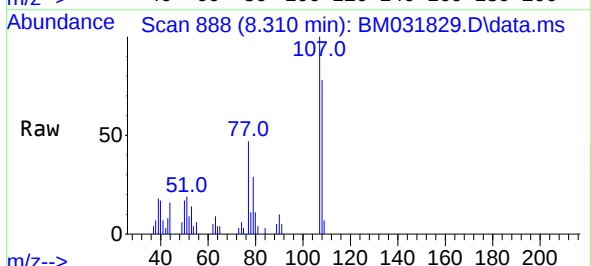
Tgt Ion: 99 Resp: 336670
Ion Ratio Lower Upper
99 100
42 25.4 18.0 27.0
71 43.7 30.9 46.3

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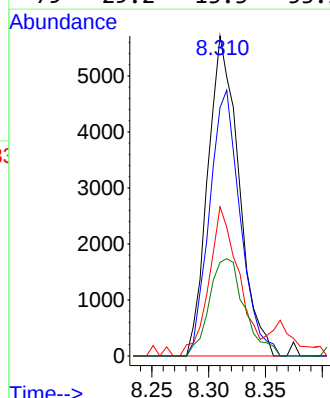
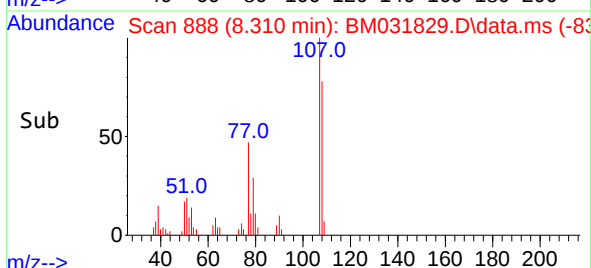
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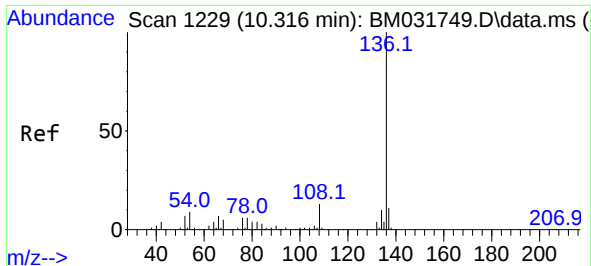


#20
3+4-Methylphenols
Concen: 3.096 ng
RT: 8.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34



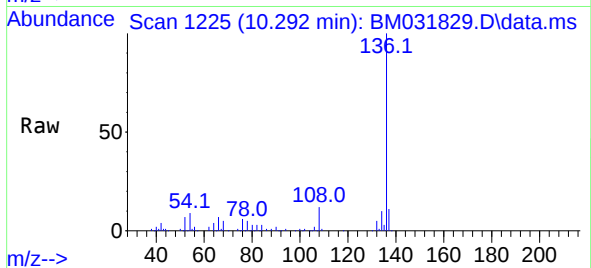
Tgt Ion: 107 Resp: 10869
Ion Ratio Lower Upper
107 100
108 77.7 69.9 109.9
77 46.6 17.3 57.3
79 29.2 13.3 53.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.292 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34

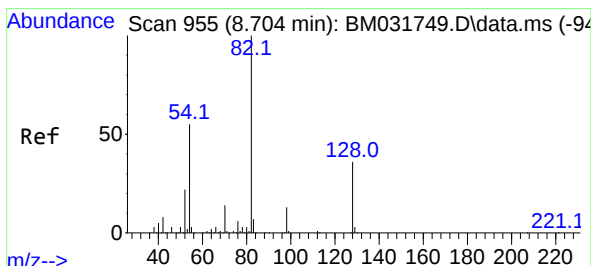
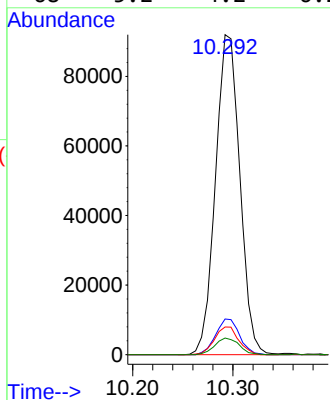
Instrument :
BNA_M
ClientSampleId :
SWCS-21-0002



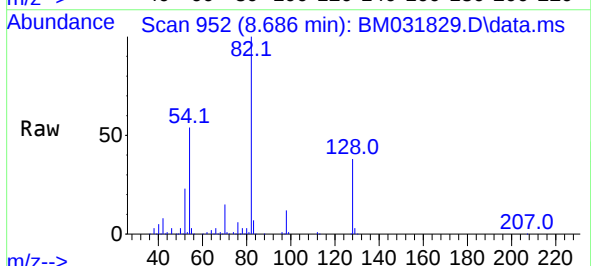
Tgt Ion:	136	Resp:	155266
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	8.6	5.5	8.3#
68	5.2	4.2	6.2

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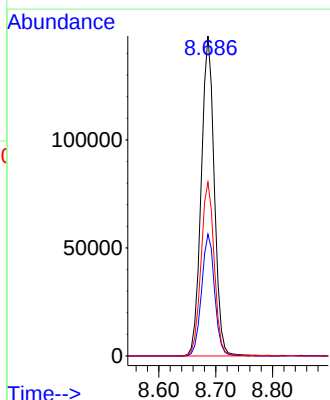
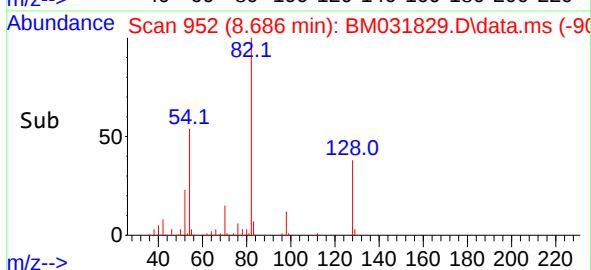
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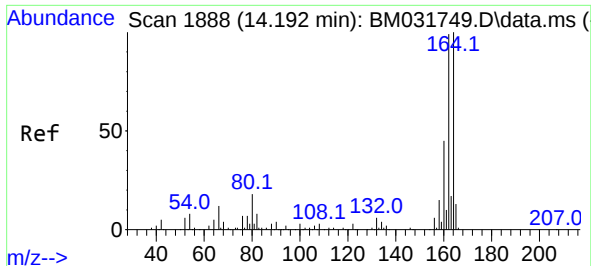


#23
Nitrobenzene-d5
Concen: 63.777 ng
RT: 8.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34



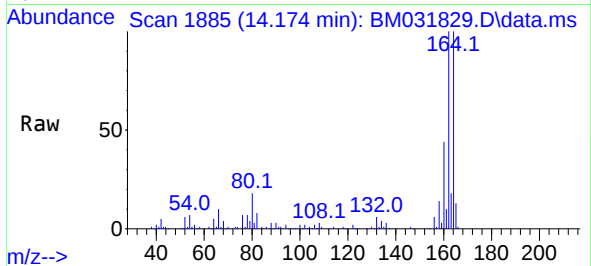
Tgt Ion:	82	Resp:	236498
Ion	Ratio	Lower	Upper
82	100		
128	38.1	31.1	46.7
54	54.3	37.3	55.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.174 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34

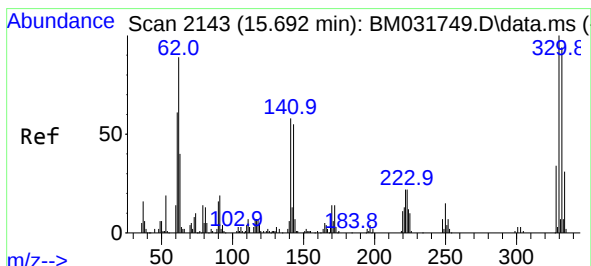
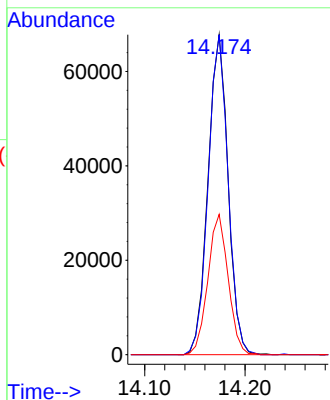
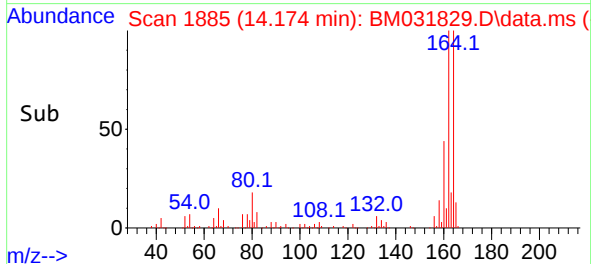
Instrument :
BNA_M
ClientSampleId :
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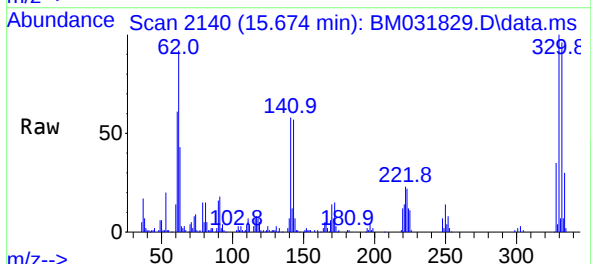
Tgt Ion:164 Resp: 94285
Ion Ratio Lower Upper
164 100
162 100.0 83.4 125.0
160 43.8 37.2 55.8

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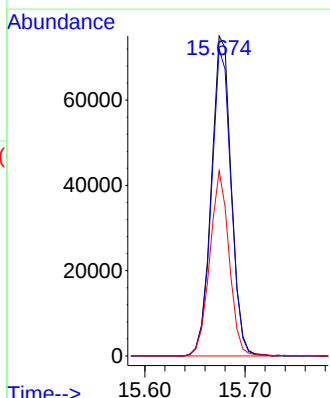
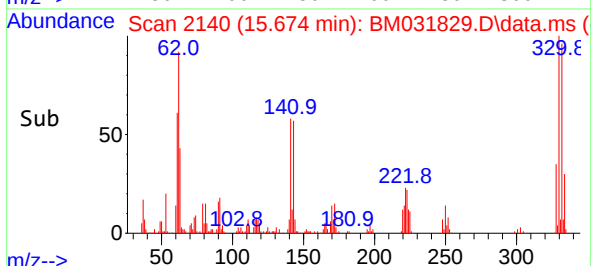
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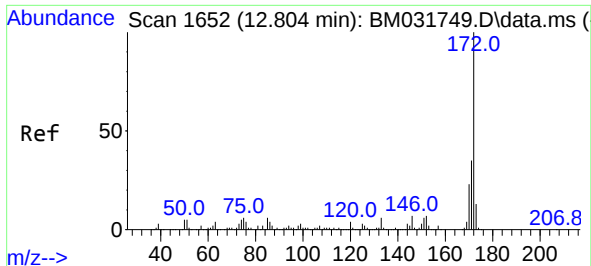


#42
2,4,6-Tribromophenol
Concen: 88.920 ng
RT: 15.674 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34



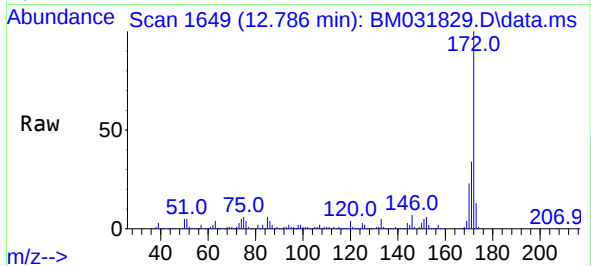
Tgt Ion:330 Resp: 103258
Ion Ratio Lower Upper
330 100
332 95.1 77.0 115.4
141 56.2 30.2 45.2#





#45
2-Fluorobiphenyl
Concen: 56.841 ng
RT: 12.786 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34

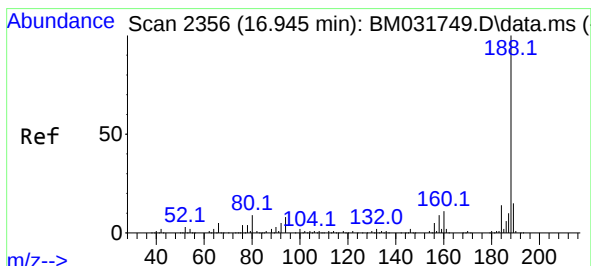
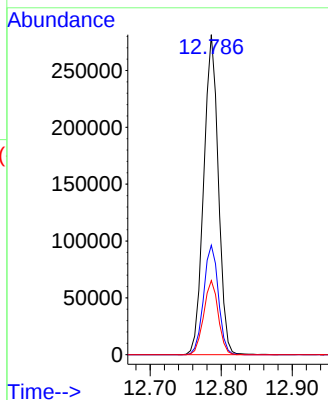
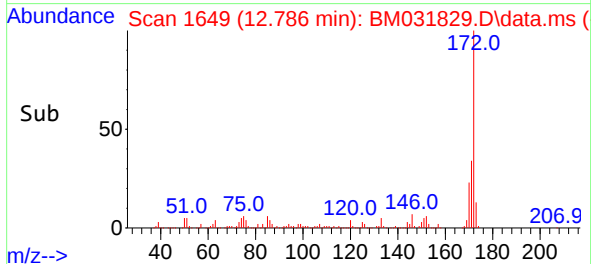
Instrument :
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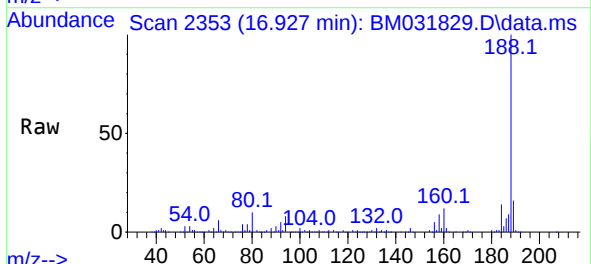
Tgt Ion:172 Resp: 402648
Ion Ratio Lower Upper
172 100
171 34.2 28.6 43.0
170 23.2 18.4 27.6

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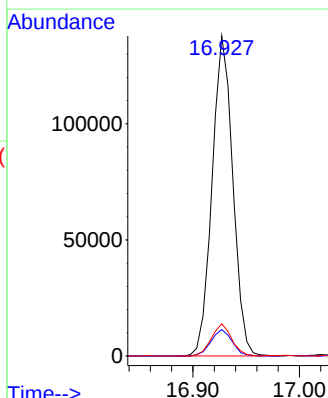
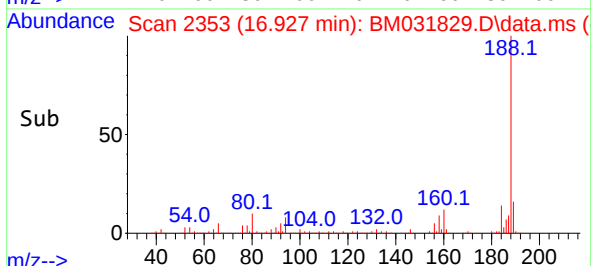
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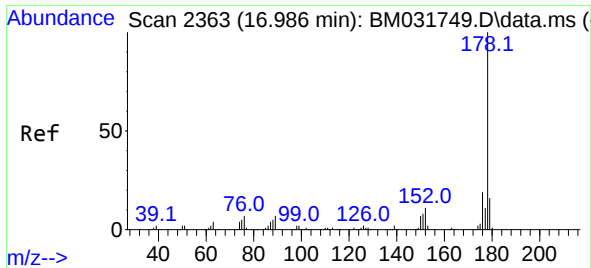


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.927 min Scan# 2353
Delta R.T. -0.006 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34



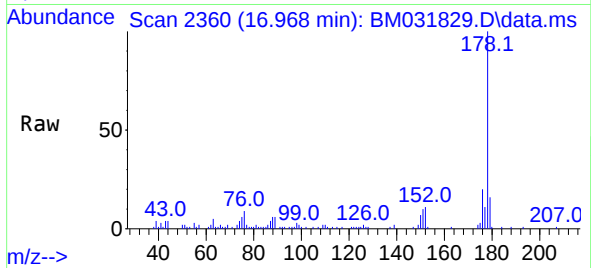
Tgt Ion:188 Resp: 186383
Ion Ratio Lower Upper
188 100
94 8.2 6.0 9.0
80 10.1 6.6 9.8#





#71
Phenanthrene
Concen: 3.266 ng
RT: 16.968 min Scan# 2360
Delta R.T. -0.006 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34

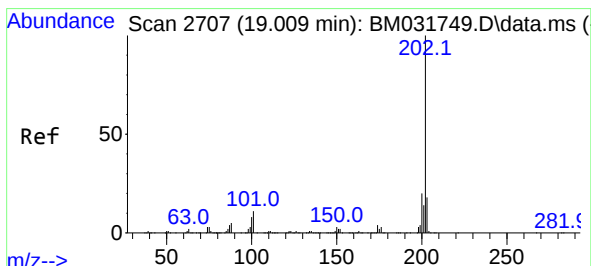
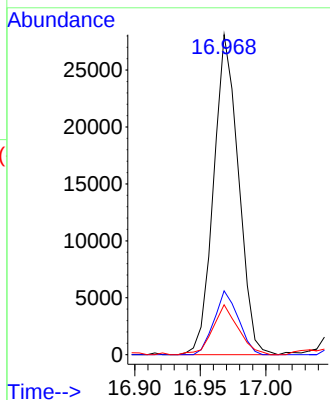
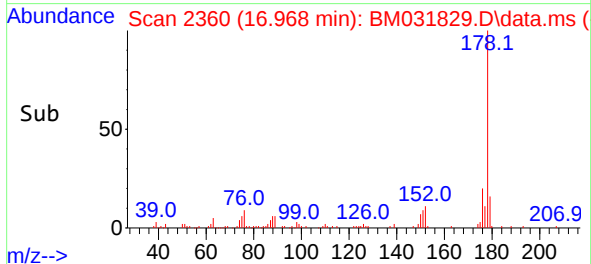
Instrument :
BNA_M
ClientSampleId :
SWCS-21-0002



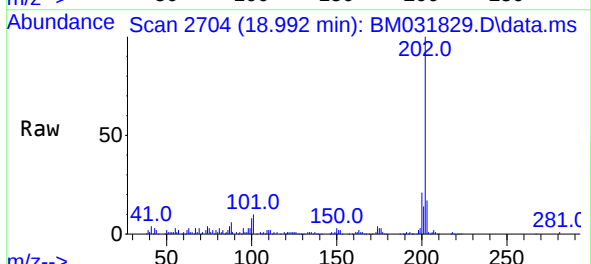
Tgt Ion:178 Resp: 37127
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.0
179 15.6 12.2 18.4

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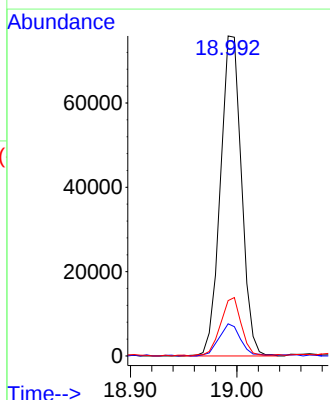
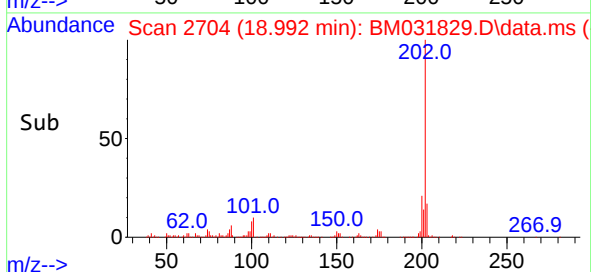
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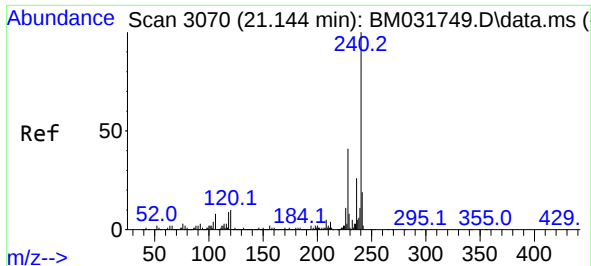


#75
Fluoranthene
Concen: 7.651 ng
RT: 18.992 min Scan# 2704
Delta R.T. -0.006 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34



Tgt Ion:202 Resp: 104179
Ion Ratio Lower Upper
202 100
101 10.1 0.0 28.6
203 17.3 0.0 37.3





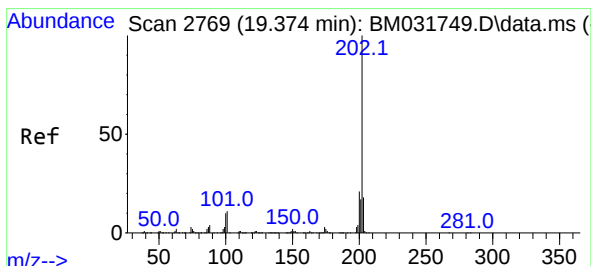
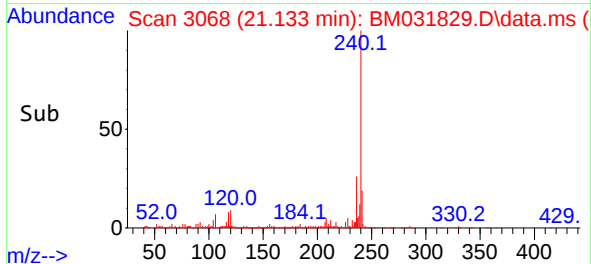
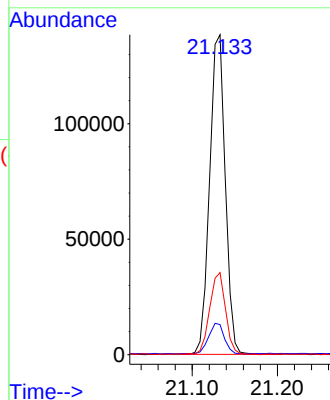
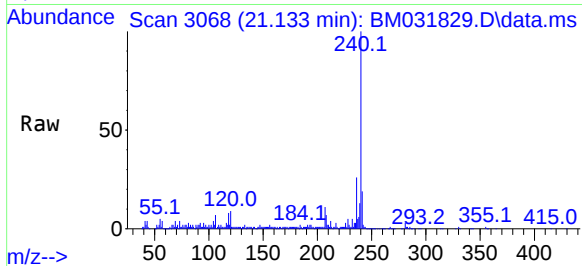
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.133 min Scan# 3068
Delta R.T. -0.000 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34

Tgt Ion:240 Resp: 176593
Ion Ratio Lower Upper
240 100
120 9.4 7.0 10.6
236 25.7 21.0 31.4

Instrument :
BNA_M
ClientSampleId :
SWCS-21-0002

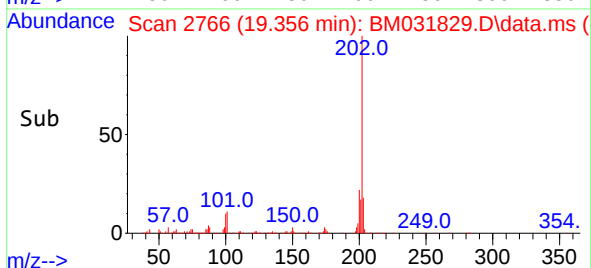
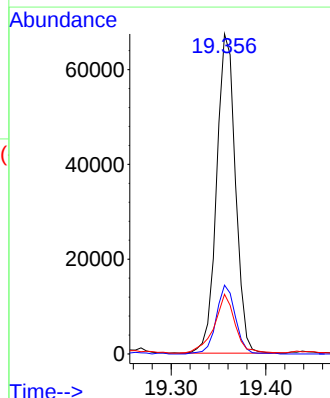
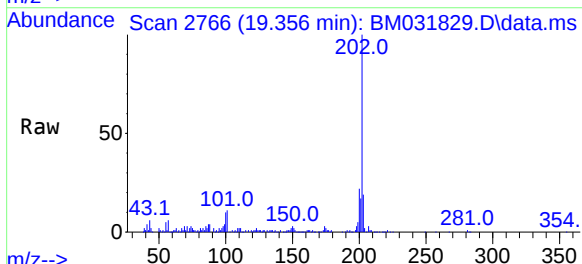
Manual Integrations
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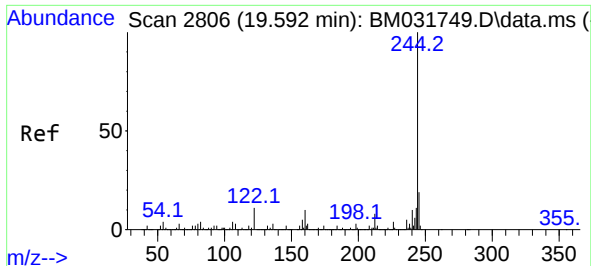
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#78
Pyrene
Concen: 7.266 ng
RT: 19.356 min Scan# 2766
Delta R.T. -0.006 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34

Tgt Ion:202 Resp: 92949
Ion Ratio Lower Upper
202 100
200 21.5 17.3 25.9
203 18.6 13.9 20.9





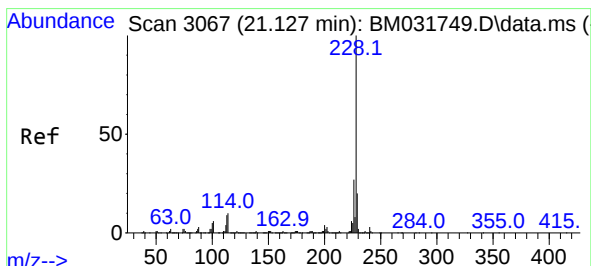
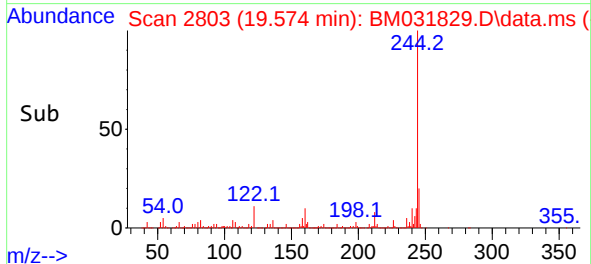
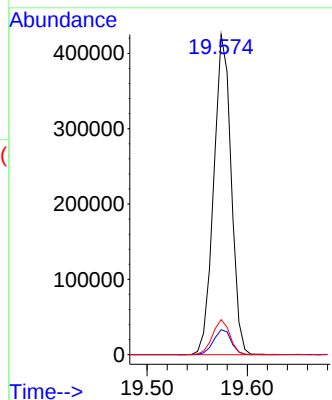
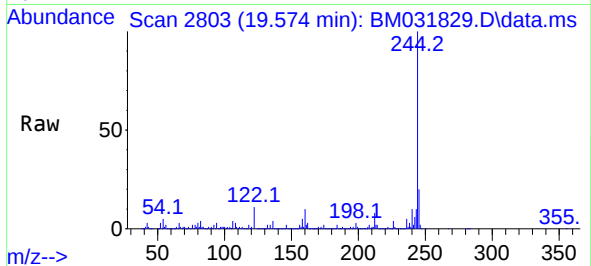
#79
Terphenyl-d14
Concen: 48.963 ng
RT: 19.574 min Scan# 2803
Delta R.T. -0.006 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34

Tgt Ion:244 Resp: 513187
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 11.0 6.9 10.3#

Instrument :
BNA_M
ClientSampleId :
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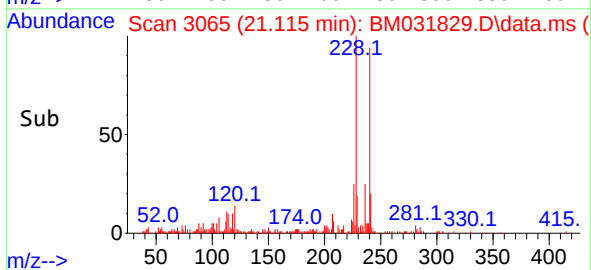
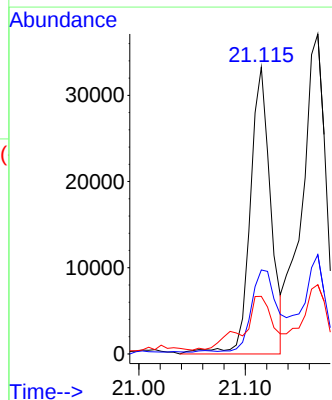
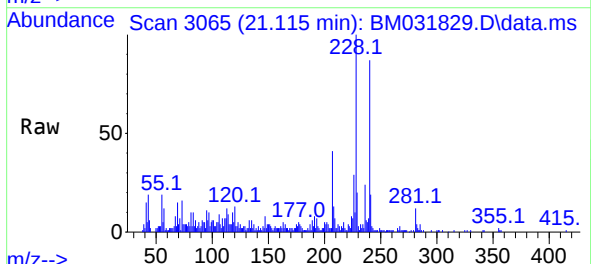
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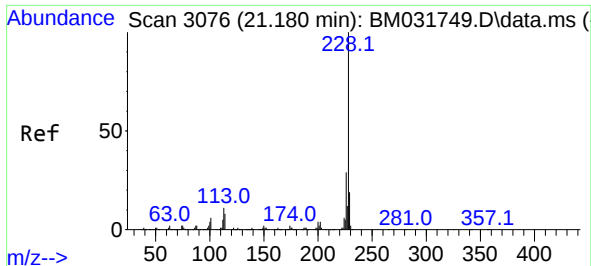
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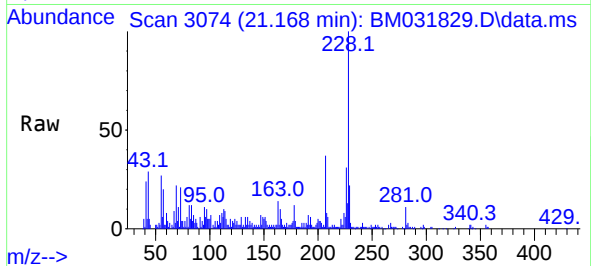
#81
Benzo(a)anthracene
Concen: 3.436 ng
RT: 21.115 min Scan# 3065
Delta R.T. -0.006 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34

Tgt Ion:228 Resp: 44448
Ion Ratio Lower Upper
228 100
226 29.3 22.3 33.5
229 20.1 15.7 23.5





#83
Chrysene
Concen: 4.551 ng
RT: 21.168 min Scan# 3074
Delta R.T. -0.006 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34

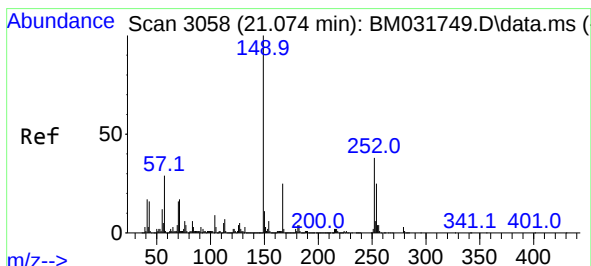
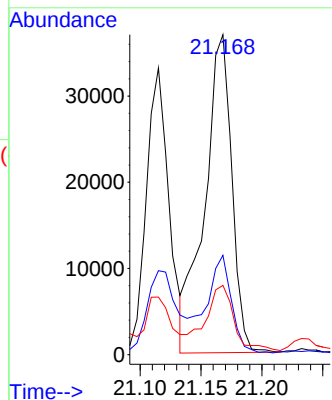


Tgt Ion:228 Resp: 57385
Ion Ratio Lower Upper
228 100
226 31.0 24.6 36.8
229 21.7 15.5 23.3

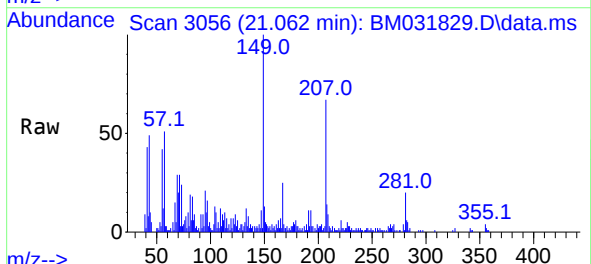
Instrument :
BNA_M
ClientSampleId :
SWCS-21-0002

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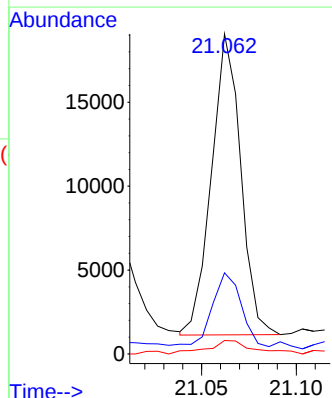
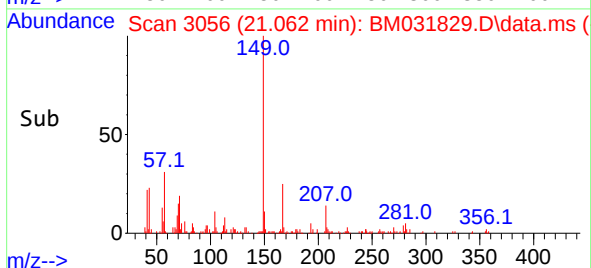
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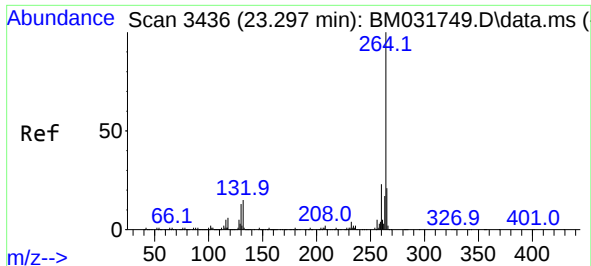


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.039 ng
RT: 21.062 min Scan# 3056
Delta R.T. -0.006 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34



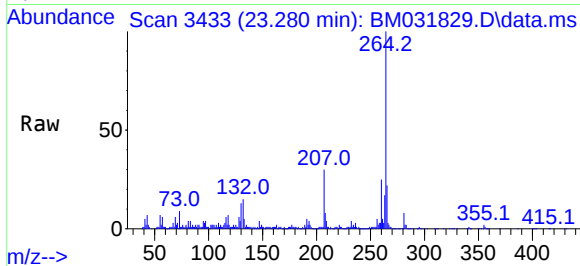
Tgt Ion:149 Resp: 19321
Ion Ratio Lower Upper
149 100
167 25.3 22.6 33.8
279 4.2 3.8 5.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.280 min Scan# 3433
Delta R.T. -0.000 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34

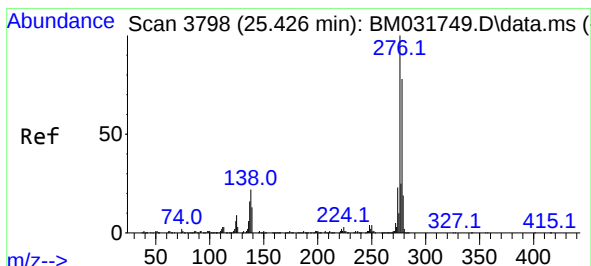
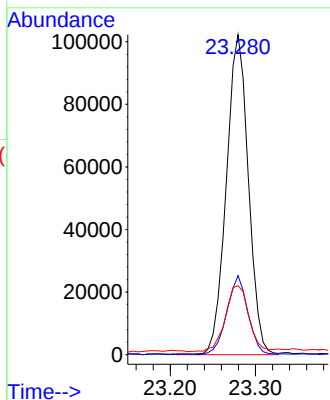
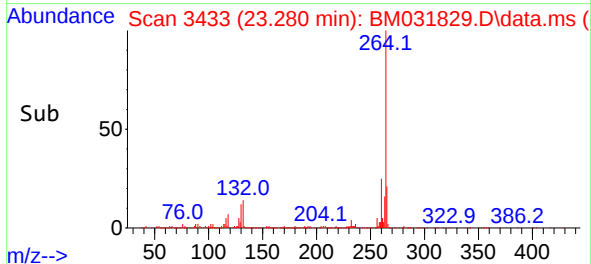
Instrument :
BNA_M
ClientSampleId :
SWCS-21-0002



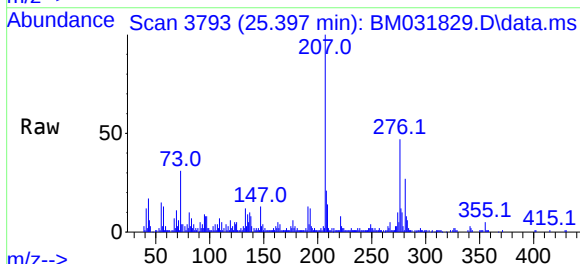
Tgt Ion:264 Resp: 183565
Ion Ratio Lower Upper
264 100
260 24.7 19.8 29.8
265 21.6 17.7 26.5

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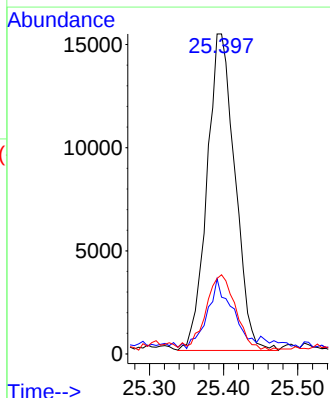
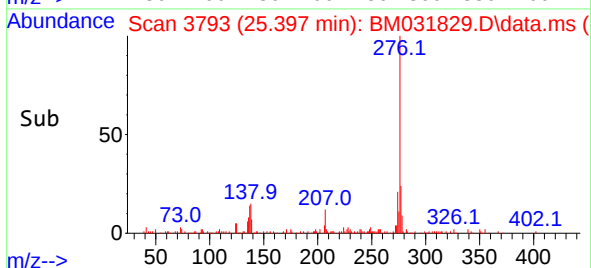
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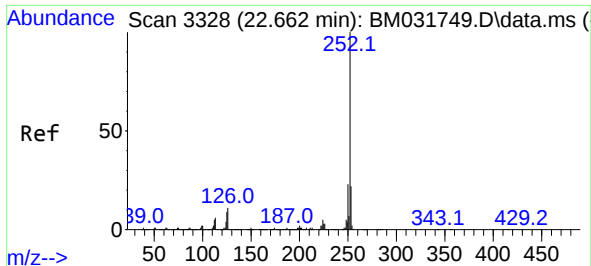


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.103 ng
RT: 25.397 min Scan# 3793
Delta R.T. -0.012 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34



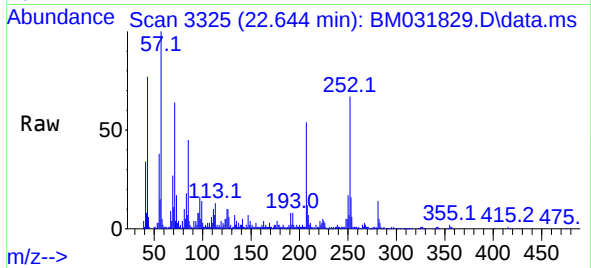
Tgt Ion:276 Resp: 40141
Ion Ratio Lower Upper
276 100
138 19.2 17.1 25.7
277 25.5 20.3 30.5





#88
Benzo(b)fluoranthene
Concen: 5.709 ng
RT: 22.644 min Scan# 3325
Delta R.T. -0.000 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34

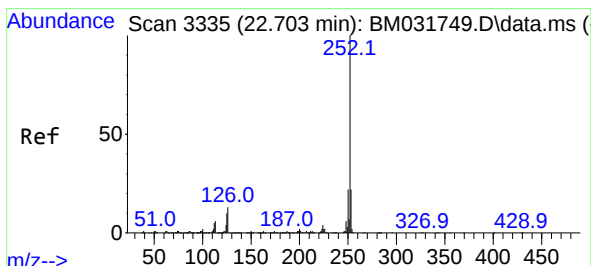
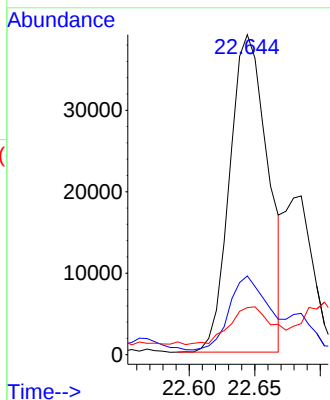
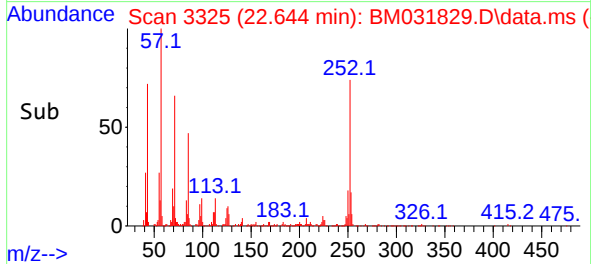
Instrument :
BNA_M
ClientSampleId :
SWCS-21-0002



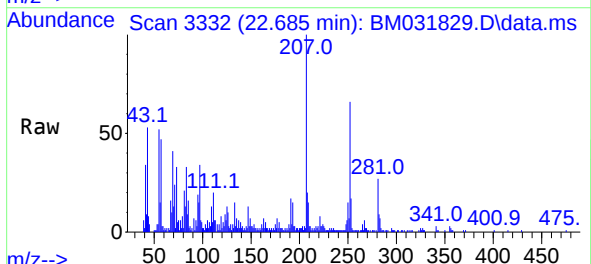
Tgt Ion:252 Resp: 78687
Ion Ratio Lower Upper
252 100
253 24.6 17.4 26.0
125 14.7 6.8 10.2#

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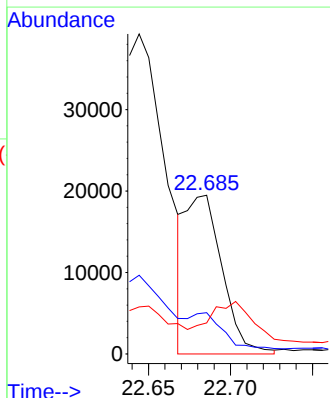
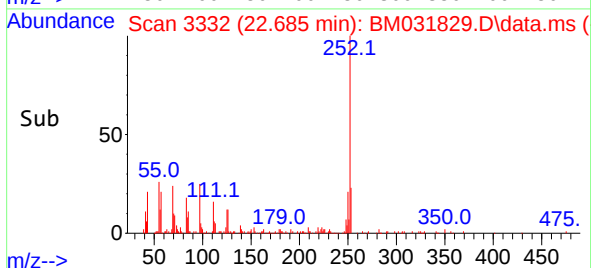
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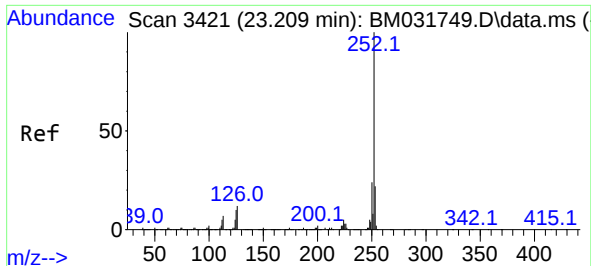


#89
Benzo(k)fluoranthene
Concen: 2.272 ng m
RT: 22.685 min Scan# 3332
Delta R.T. -0.006 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34



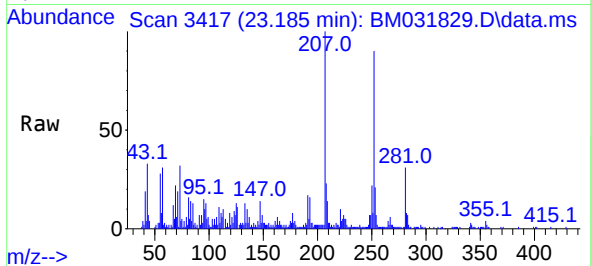
Tgt Ion:252 Resp: 30223
Ion Ratio Lower Upper
252 100
253 26.0 17.4 26.2
125 19.6 6.2 9.2#





#90
Benzo(a)pyrene
Concen: 3.855 ng
RT: 23.185 min Scan# 3417
Delta R.T. -0.006 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34

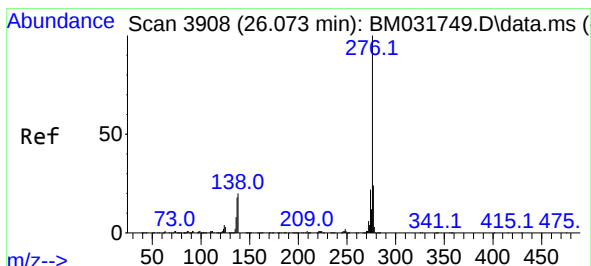
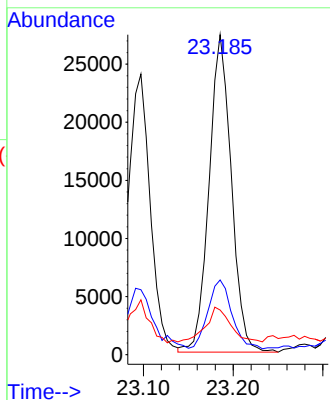
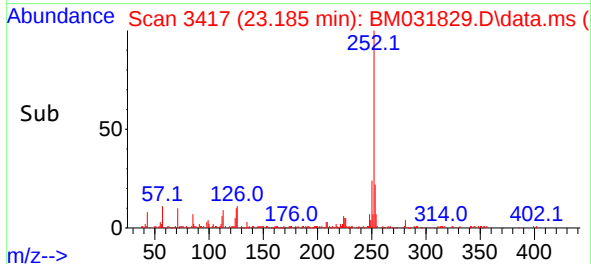
Instrument :
BNA_M
ClientSampleId :
SWCS-21-0002



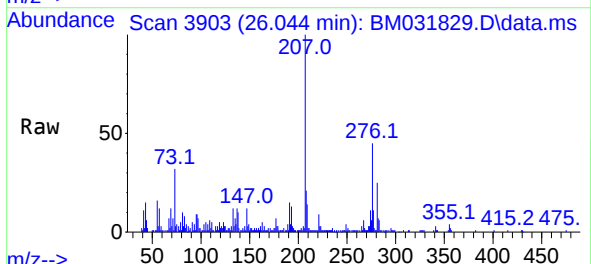
Tgt Ion:252 Resp: 47039
Ion Ratio Lower Upper
252 100
253 23.4 17.7 26.5
125 13.9 7.3 10.9#

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#92
Benzo(g,h,i)perylene
Concen: 3.786 ng
RT: 26.044 min Scan# 3903
Delta R.T. -0.006 min
Lab File: BM031829.D
Acq: 19 Aug 2021 15:34



Tgt Ion:276 Resp: 39223
Ion Ratio Lower Upper
276 100
277 23.7 19.4 29.2
138 21.7 14.4 21.6#

