

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082321\
 Data File : BP006828.D
 Acq On : 23 Aug 2021 13:29
 Operator : CG/JU
 Sample : M3419-23
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SWCS-09-0205

Manual Integrations
 APPROVED

mohammad
 8/24/2021 11:21:35 AM

Quant Time: Aug 23 14:06:36 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 23 11:39:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	184381	20.000	ng	0.00
21) Naphthalene-d8	10.481	136	782034	20.000	ng	# 0.00
39) Acenaphthene-d10	14.340	164	451019	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	876635	20.000	ng	# 0.00
76) Chrysene-d12	21.210	240	804021	20.000	ng	# 0.00
86) Perylene-d12	23.533	264	870756	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	1044580	87.016	ng	0.00
7) Phenol-d6	6.887	99	1331106	78.059	ng	0.00
23) Nitrobenzene-d5	8.858	82	911543	53.801	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	450332	95.538	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	1634330	54.214	ng	0.00
79) Terphenyl-d14	19.686	244	2104110	52.439	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.063	152	166979	3.939	ng	99
71) Phenanthrene	17.145	178	288069	5.826	ng	99
72) Anthracene	17.234	178	113034	2.366	ng	99
75) Fluoranthene	19.122	202	615427	11.089	ng	95
78) Pyrene	19.480	202	554889	10.332	ng	99
81) Benzo(a)anthracene	21.198	228	260131m	4.951	ng	
83) Chrysene	21.245	228	295444	5.800	ng	97
84) Bis(2-ethylhexyl)phtha...	21.133	149	436149	12.290	ng	# 96
87) Indeno(1,2,3-cd)pyrene	25.927	276	288772	4.574	ng	# 95
88) Benzo(b)fluoranthene	22.827	252	444532	7.855	ng	# 92
89) Benzo(k)fluoranthene	22.869	252	165729m	3.050	ng	
90) Benzo(a)pyrene	23.427	252	283892	5.593	ng	# 90
92) Benzo(g,h,i)perylene	26.662	276	300075	5.736	ng	# 89

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

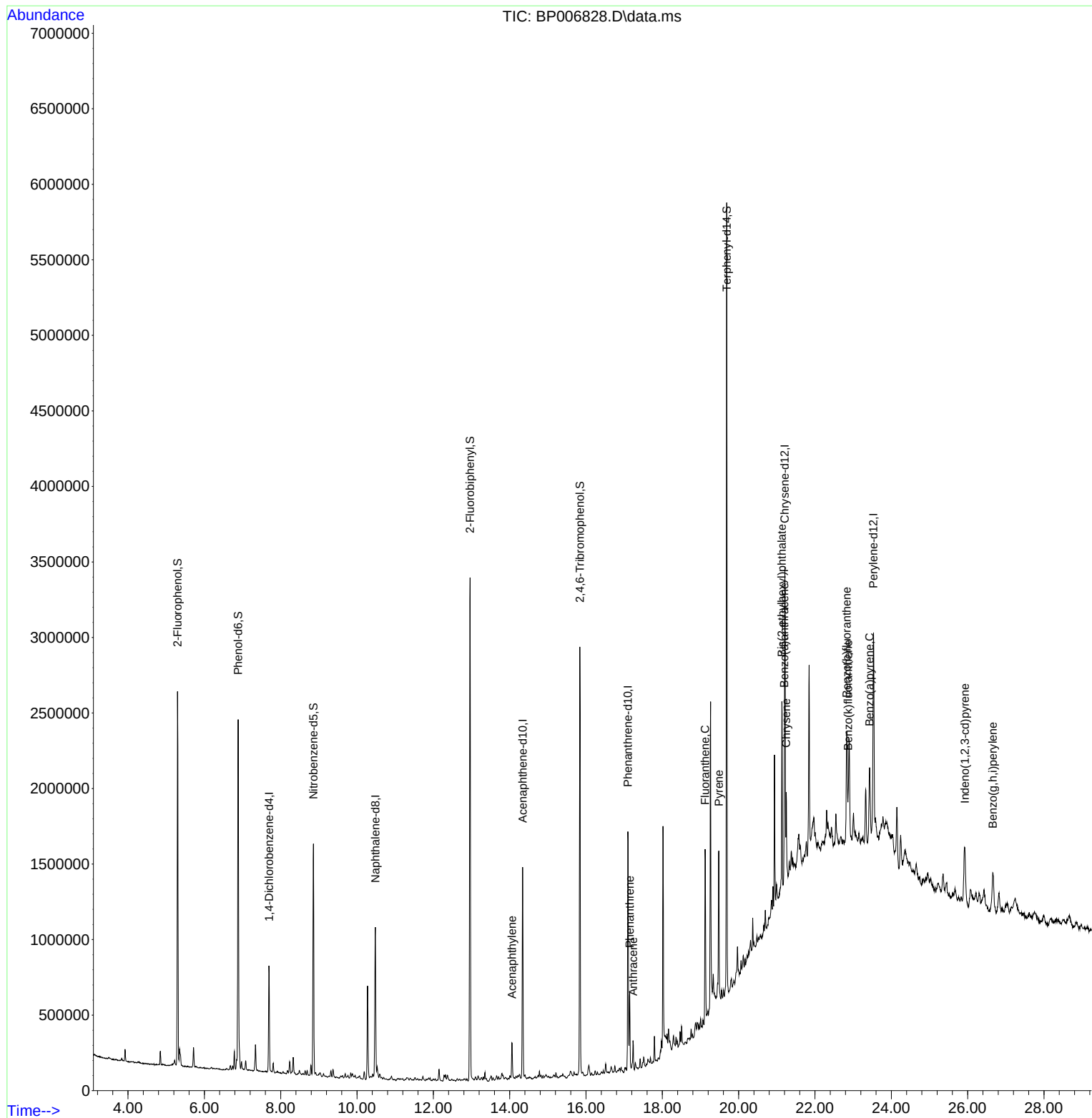
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082321\
Data File : BP006828.D
Acq On : 23 Aug 2021 13:29
Operator : CG/JU
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ALS Vial : 6 Sample Multiplier: 1

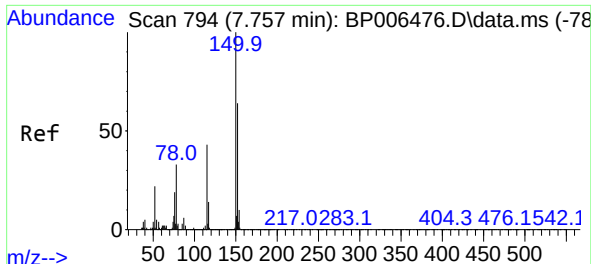
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 11:39:38 2021
Response via : Initial Calibration





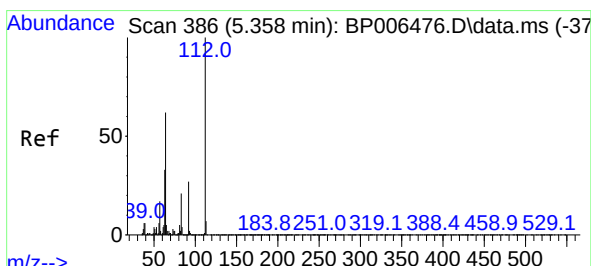
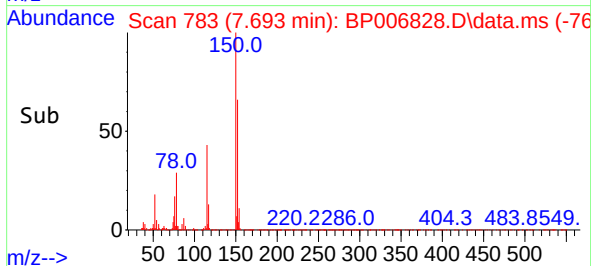
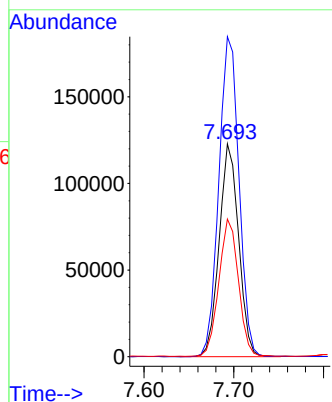
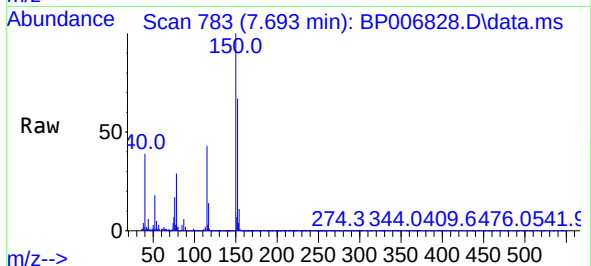
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.006 min
Lab File: BP006828.D
Acq: 23 Aug 2021 13:29

Tgt Ion:152 Resp: 184381
Ion Ratio Lower Upper
152 100
150 150.4 125.6 188.4
115 64.7 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
SWCS-09-0205

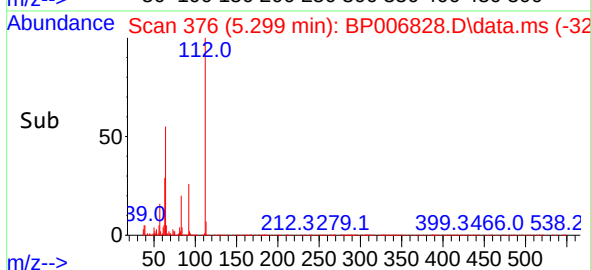
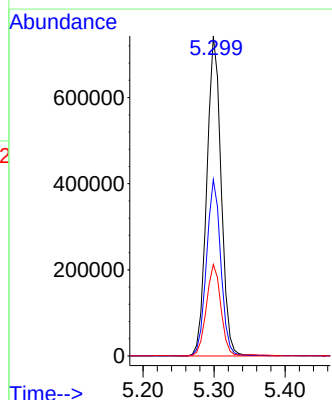
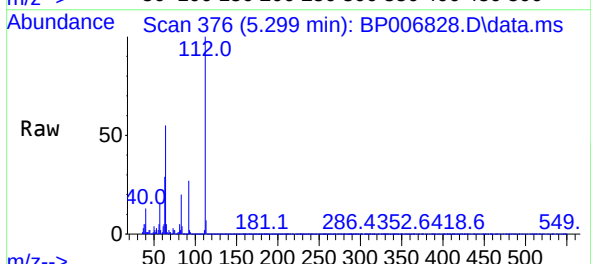
Manual Integrations
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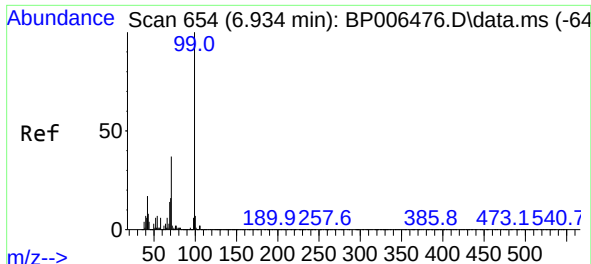
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#5
2-Fluorophenol
Concen: 87.016 ng
RT: 5.299 min Scan# 376
Delta R.T. -0.000 min
Lab File: BP006828.D
Acq: 23 Aug 2021 13:29

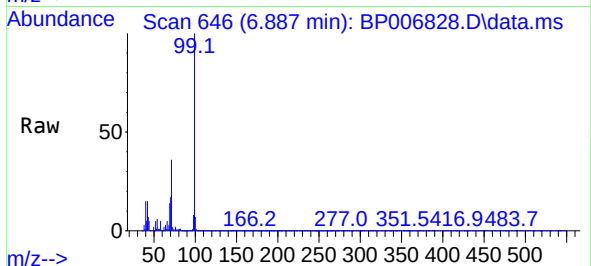
Tgt Ion:112 Resp: 1044580
Ion Ratio Lower Upper
112 100
64 55.1 41.4 62.2
63 28.6 23.8 35.8





#7
Phenol-d6
Concen: 78.059 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.000 min
Lab File: BP006828.D
Acq: 23 Aug 2021 13:29

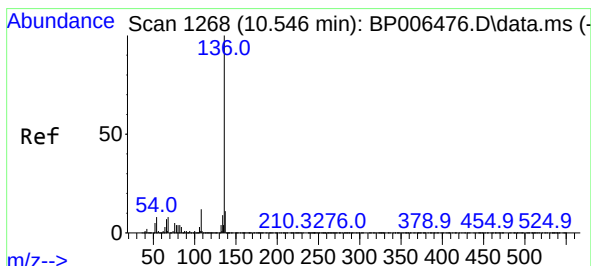
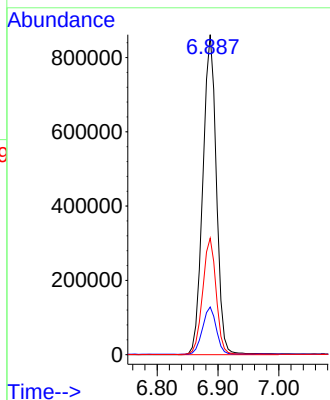
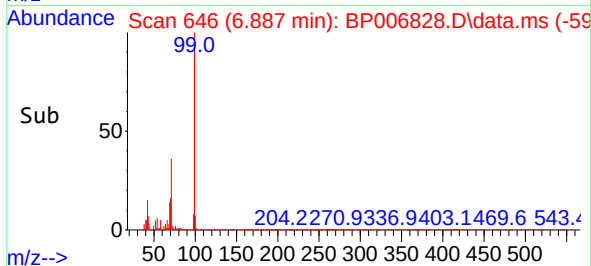
Instrument :
BNA_P
ClientSampleId :
SWCS-09-0205



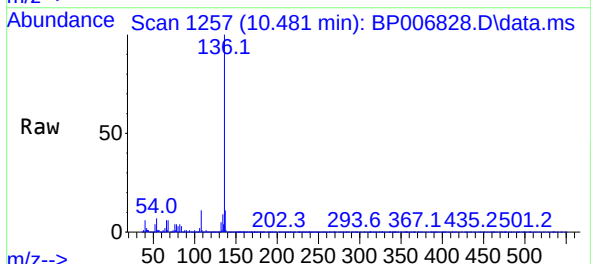
Tgt Ion: 99 Resp: 1331106
Ion Ratio Lower Upper
99 100
42 14.9 13.4 20.0
71 36.4 30.6 46.0

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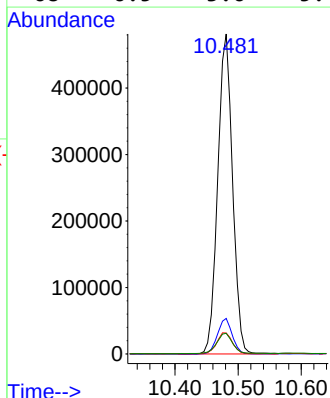
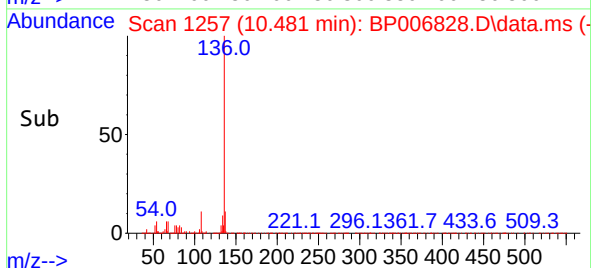
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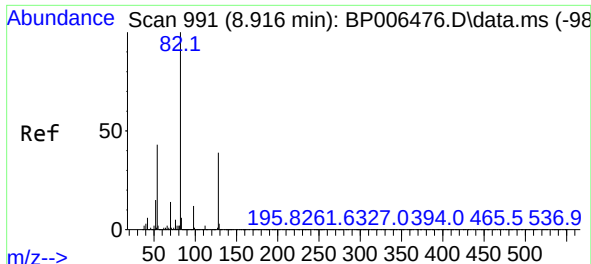


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.000 min
Lab File: BP006828.D
Acq: 23 Aug 2021 13:29



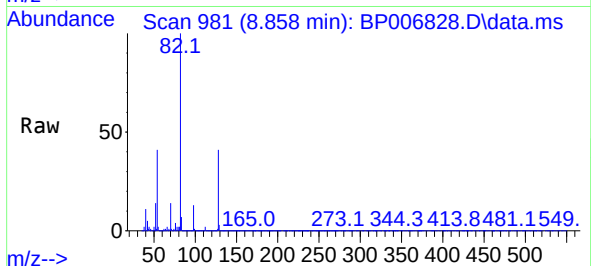
Tgt Ion: 136 Resp: 782034
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 6.5 4.6 6.8
68 6.5 3.6 5.4





#23
Nitrobenzene-d5
Concen: 53.801 ng
RT: 8.858 min Scan# 981
Delta R.T. -0.000 min
Lab File: BP006828.D
Acq: 23 Aug 2021 13:29

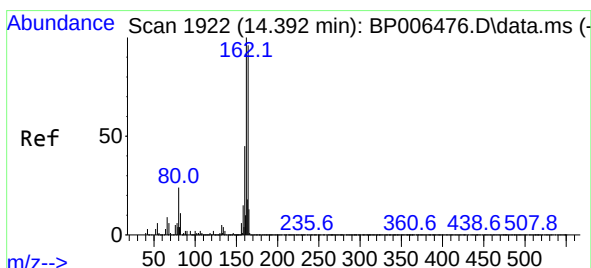
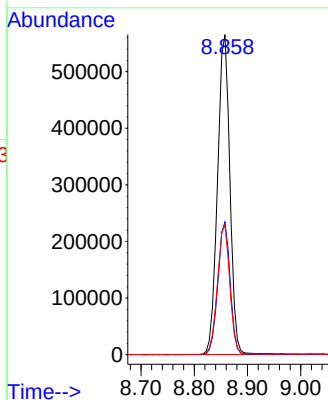
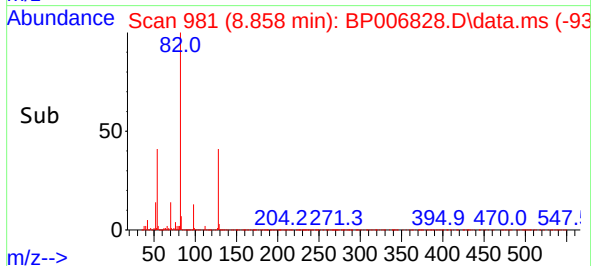
Instrument :
BNA_P
ClientSampleId :
SWCS-09-0205



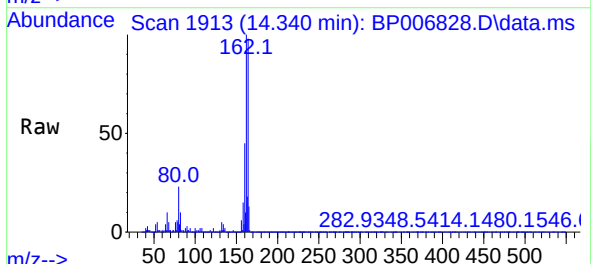
Tgt Ion: 82 Resp: 911543
Ion Ratio Lower Upper
82 100
128 41.5 35.7 53.5
54 40.7 35.0 52.4

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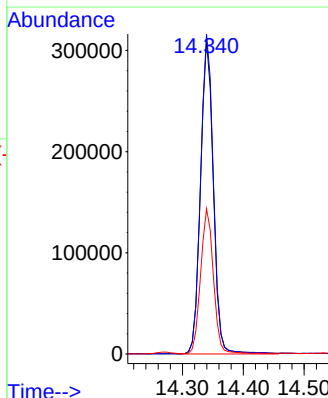
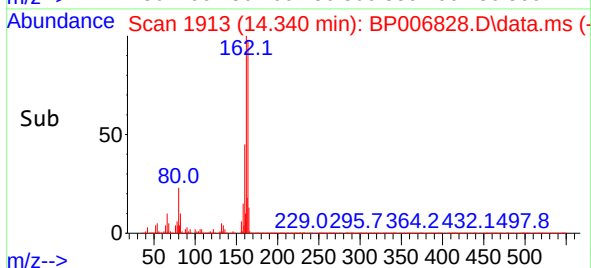
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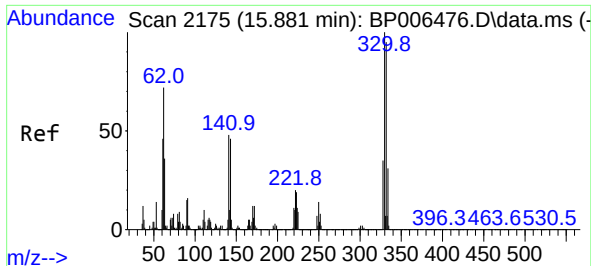


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BP006828.D
Acq: 23 Aug 2021 13:29



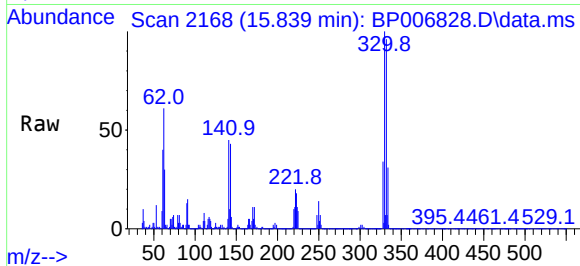
Tgt Ion: 164 Resp: 451019
Ion Ratio Lower Upper
164 100
162 102.0 80.2 120.2
160 46.2 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 95.538 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP006828.D
Acq: 23 Aug 2021 13:29

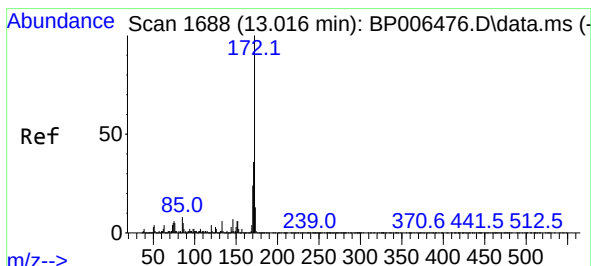
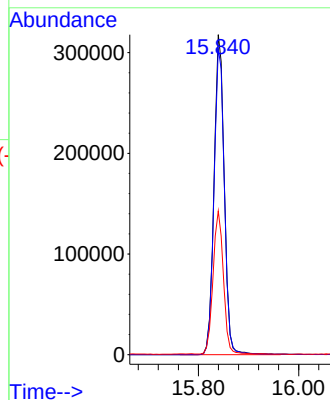
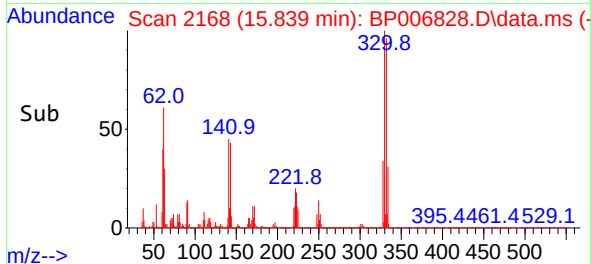
Instrument :
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ClientSampleId :
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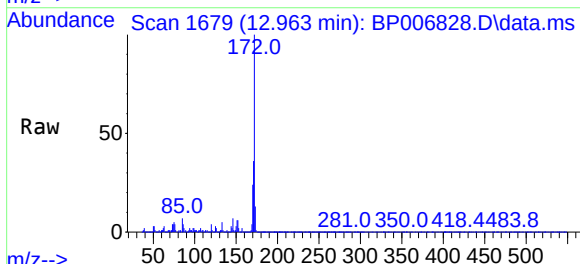
Tgt Ion:330 Resp: 450332
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.8
141 45.1 25.4 38.2#

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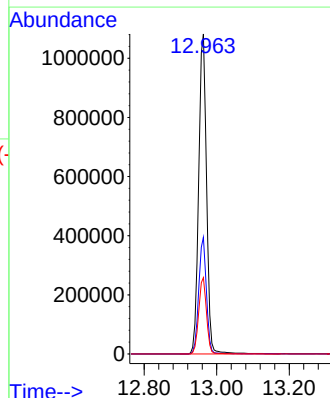
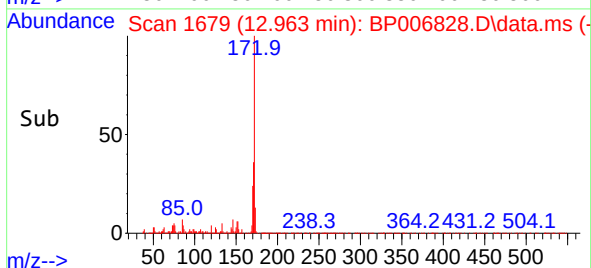
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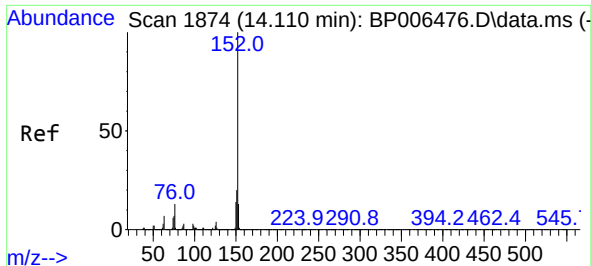


#45
2-Fluorobiphenyl
Concen: 54.214 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.000 min
Lab File: BP006828.D
Acq: 23 Aug 2021 13:29



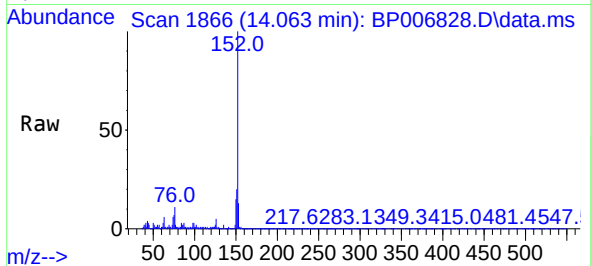
Tgt Ion:172 Resp: 1634330
Ion Ratio Lower Upper
172 100
171 36.5 27.9 41.9
170 23.9 18.6 27.8





#49
Acenaphthylene
Concen: 3.939 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.000 min
Lab File: BP006828.D
Acq: 23 Aug 2021 13:29

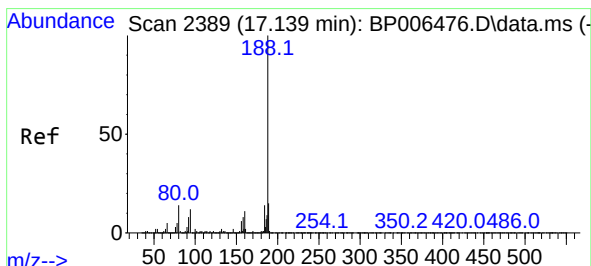
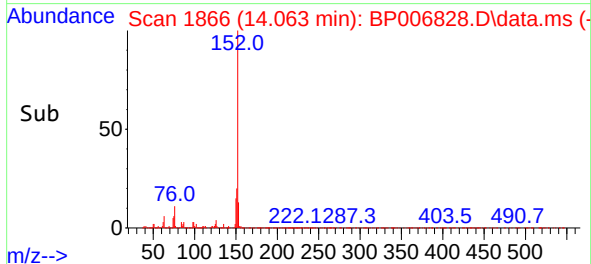
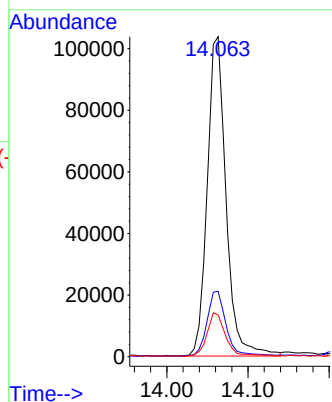
Instrument :
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ClientSampleId :
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Tgt Ion:152 Resp: 166979
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 13.1 10.6 16.0

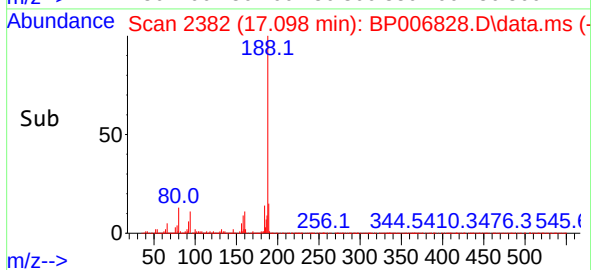
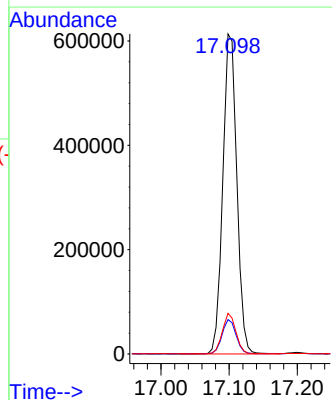
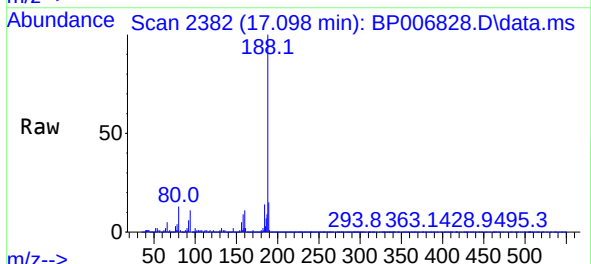
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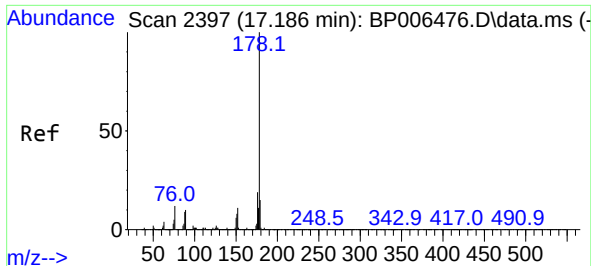
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.006 min
Lab File: BP006828.D
Acq: 23 Aug 2021 13:29

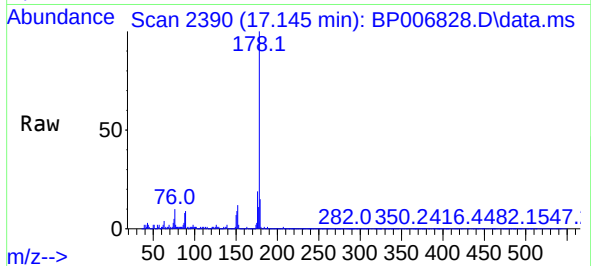
Tgt Ion:188 Resp: 876635
Ion Ratio Lower Upper
188 100
94 10.8 5.6 8.4#
80 12.7 6.3 9.5#





#71
Phenanthrene
Concen: 5.826 ng
RT: 17.145 min Scan# 2390
Delta R.T. -0.000 min
Lab File: BP006828.D
Acq: 23 Aug 2021 13:29

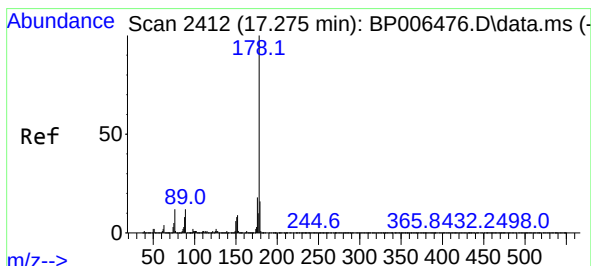
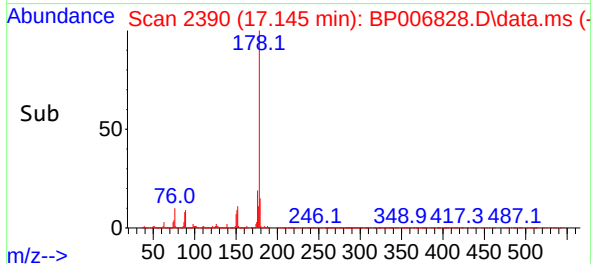
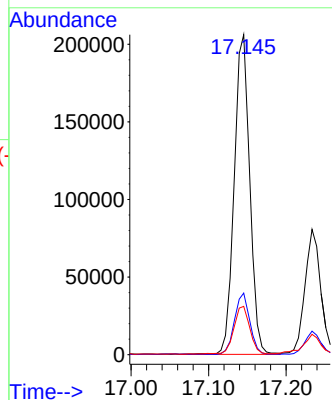
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:178 Resp: 288069
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.1 12.4 18.6

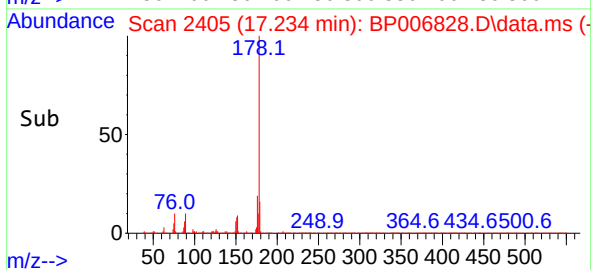
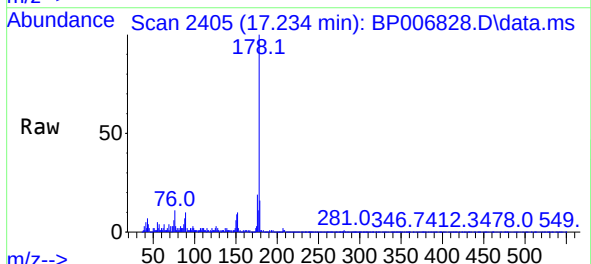
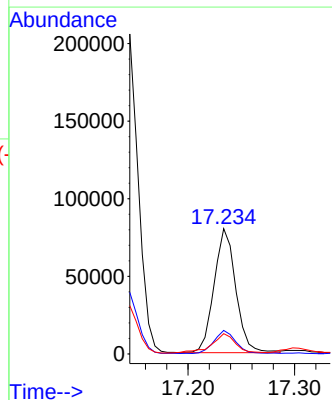
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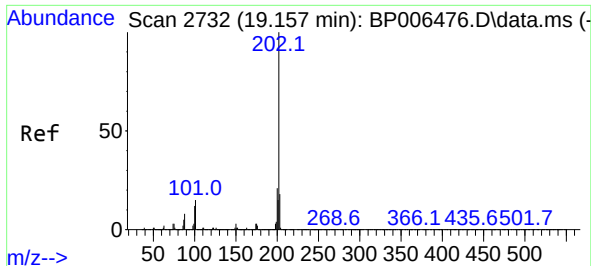
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#72
Anthracene
Concen: 2.366 ng
RT: 17.234 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BP006828.D
Acq: 23 Aug 2021 13:29

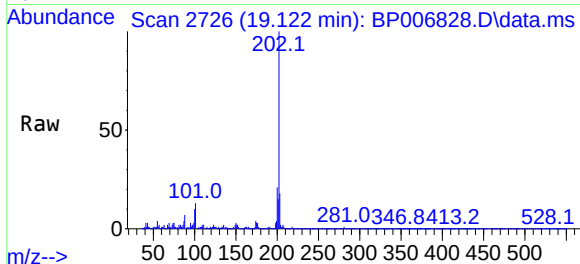
Tgt Ion:178 Resp: 113034
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 16.2 12.2 18.2





#75
Fluoranthene
Concen: 11.089 ng
RT: 19.122 min Scan# 2726
Delta R.T. -0.006 min
Lab File: BP006828.D
Acq: 23 Aug 2021 13:29

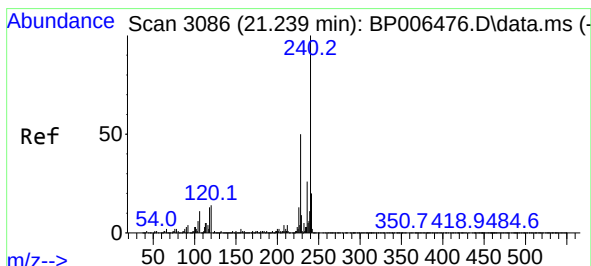
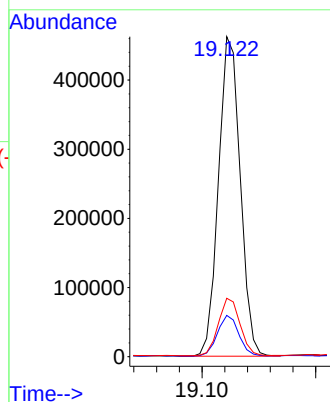
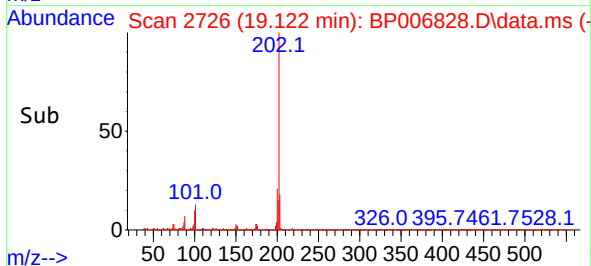
Instrument :
BNA_P
ClientSampleId :
SWCS-09-0205



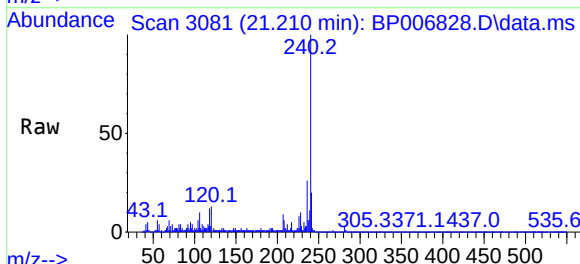
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Ion Ratio Lower Upper
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101 12.9 0.0 27.6
203 18.3 0.0 37.8

Manual Integrations
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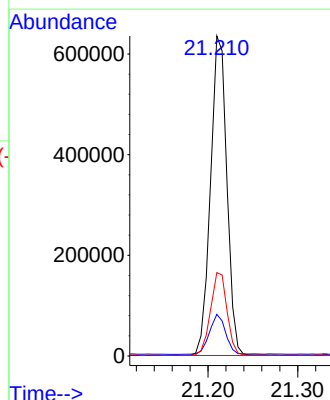
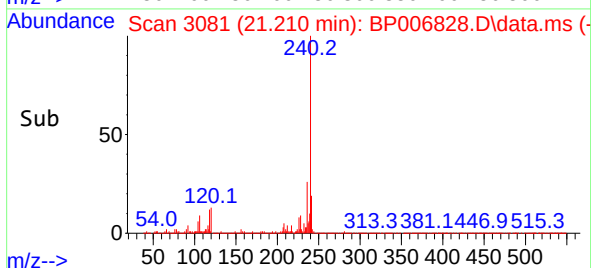
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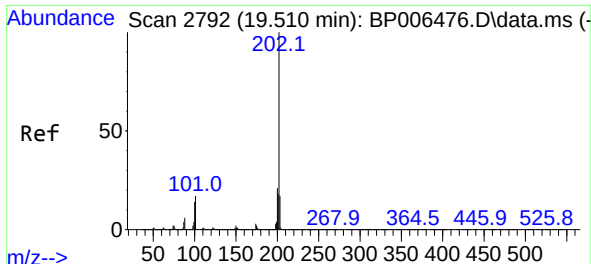


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.210 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BP006828.D
Acq: 23 Aug 2021 13:29



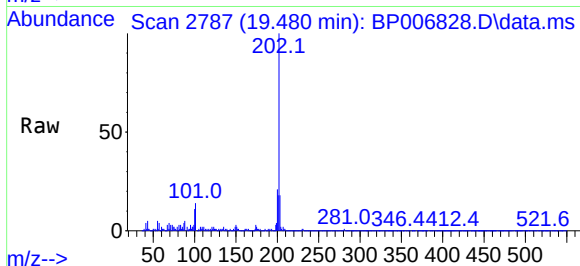
Tgt Ion:240 Resp: 804021
Ion Ratio Lower Upper
240 100
120 13.0 6.5 9.7#
236 26.1 20.6 31.0





#78
Pyrene
Concen: 10.332 ng
RT: 19.480 min Scan# 2787
Delta R.T. -0.000 min
Lab File: BP006828.D
Acq: 23 Aug 2021 13:29

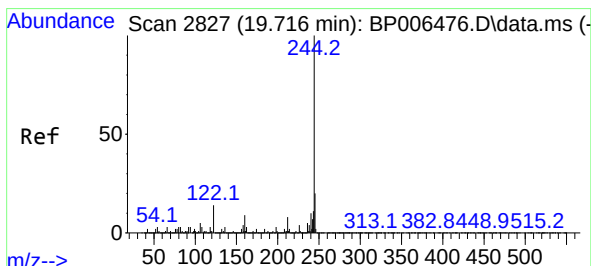
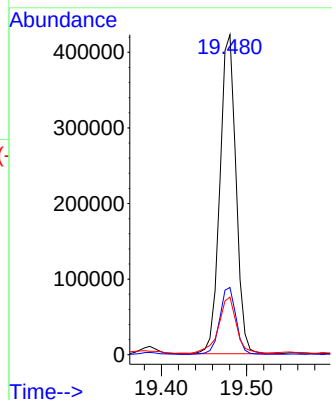
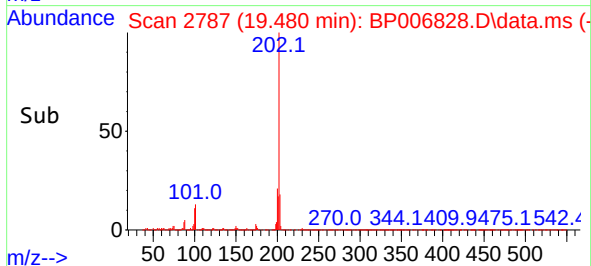
Instrument :
BNA_P
ClientSampleId :
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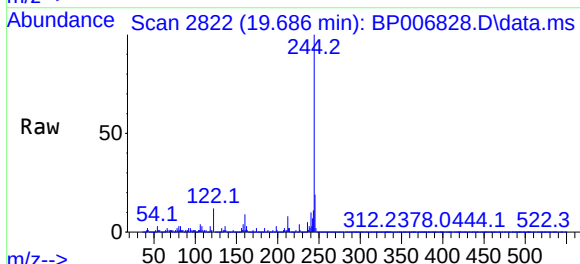
Tgt Ion:202 Resp: 554889
Ion Ratio Lower Upper
202 100
200 21.0 16.3 24.5
203 18.0 14.2 21.2

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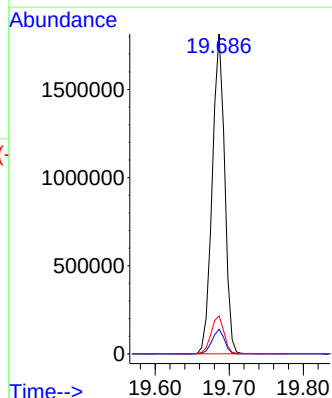
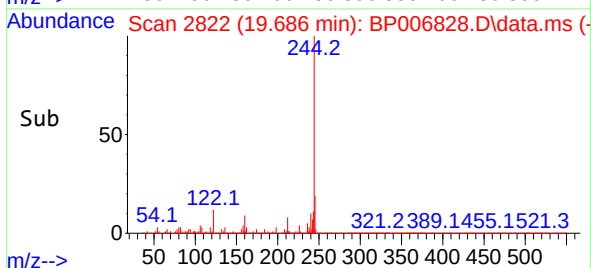
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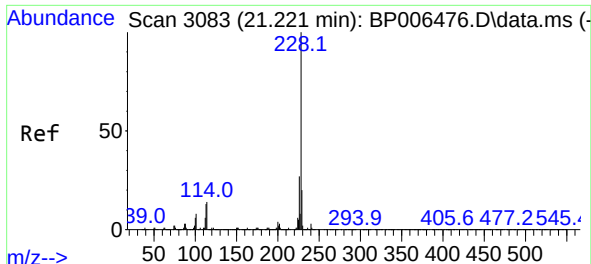


#79
Terphenyl-d14
Concen: 52.439 ng
RT: 19.686 min Scan# 2822
Delta R.T. -0.000 min
Lab File: BP006828.D
Acq: 23 Aug 2021 13:29



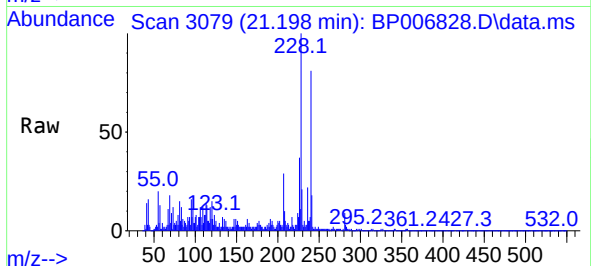
Tgt Ion:244 Resp: 2104110
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 11.9 7.1 10.7#





#81
Benzo(a)anthracene
Concen: 4.951 ng m
RT: 21.198 min Scan# 3079
Delta R.T. -0.000 min
Lab File: BP006828.D
Acq: 23 Aug 2021 13:29

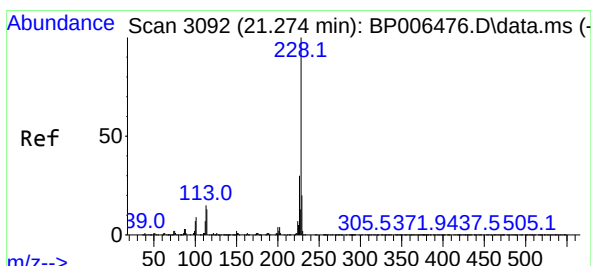
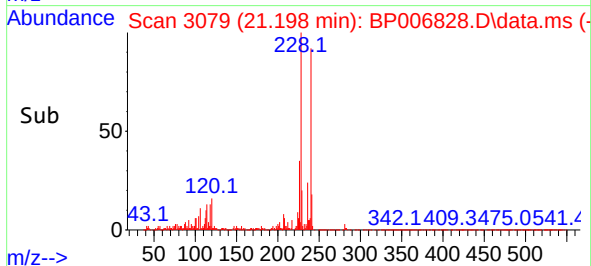
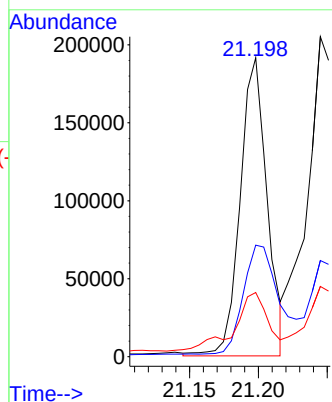
Instrument :
BNA_P
ClientSampleId :
SWCS-09-0205



Tgt Ion:228 Resp: 260131
Ion Ratio Lower Upper
228 100
226 37.3 21.6 32.4#
229 21.5 15.8 23.6

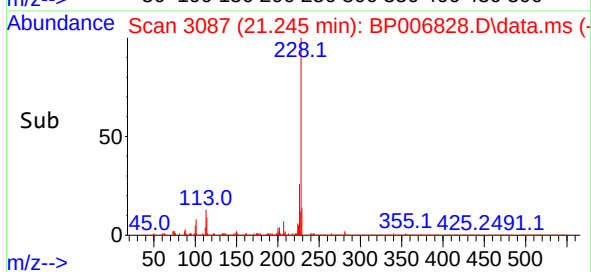
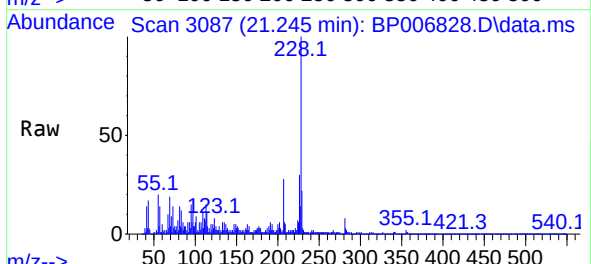
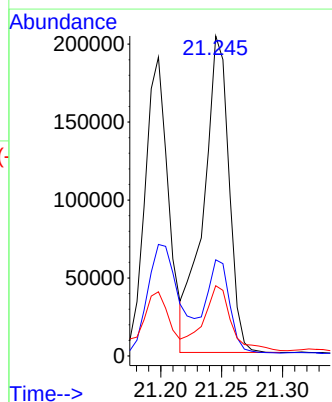
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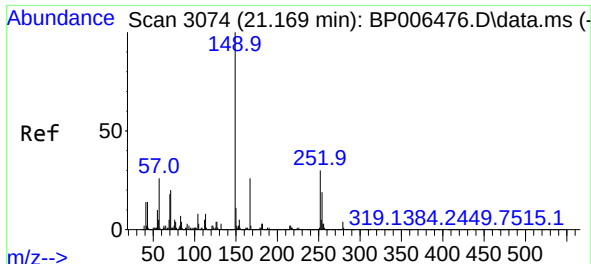
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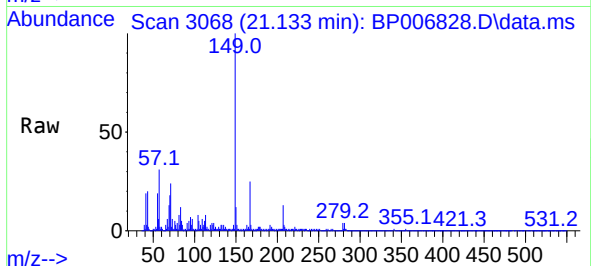
#83
Chrysene
Concen: 5.800 ng
RT: 21.245 min Scan# 3087
Delta R.T. -0.006 min
Lab File: BP006828.D
Acq: 23 Aug 2021 13:29

Tgt Ion:228 Resp: 295444
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.6
229 21.9 15.4 23.2

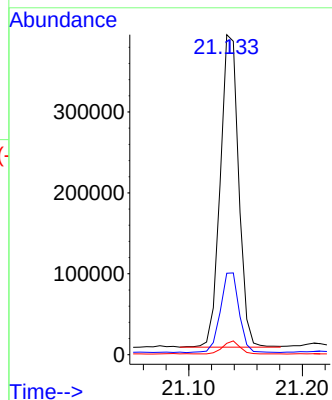




#84
Bis(2-ethylhexyl)phthalate
Concen: 12.290 ng
RT: 21.133 min Scan# 3068
Delta R.T. -0.000 min
Lab File: BP006828.D
Acq: 23 Aug 2021 13:29



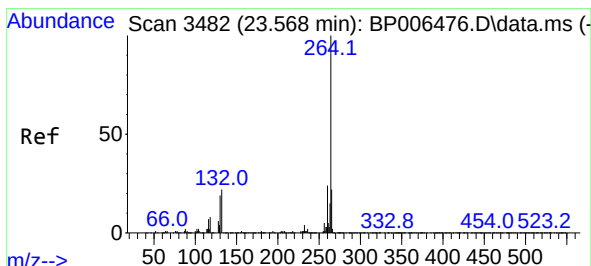
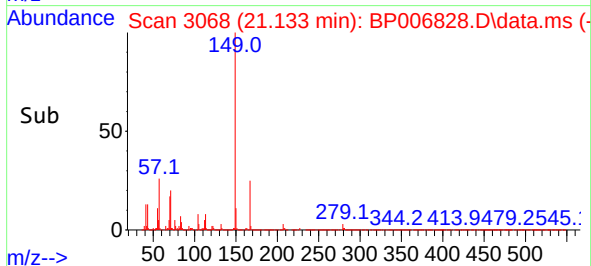
Tgt Ion:149 Resp: 436149
Ion Ratio Lower Upper
149 100
167 25.5 21.9 32.9
279 3.6 4.3 6.5#



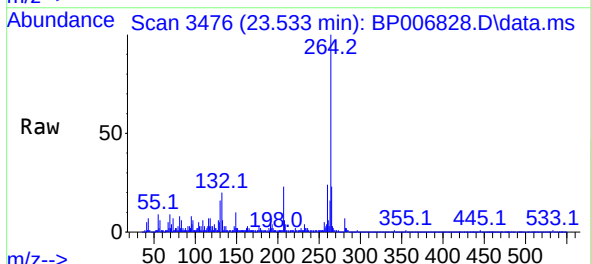
Instrument :
BNA_P
ClientSampleId :
SWCS-09-0205

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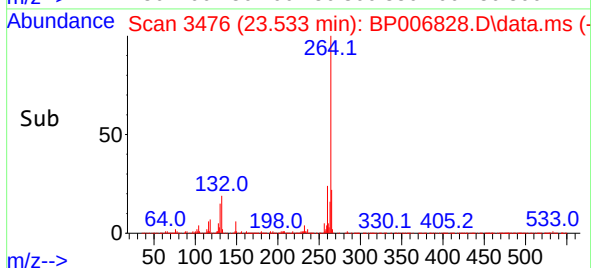
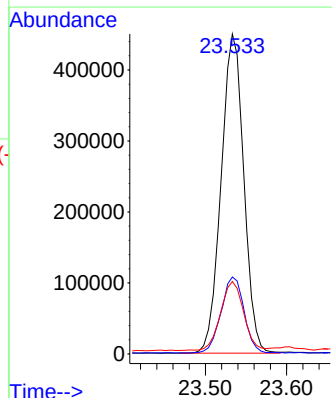
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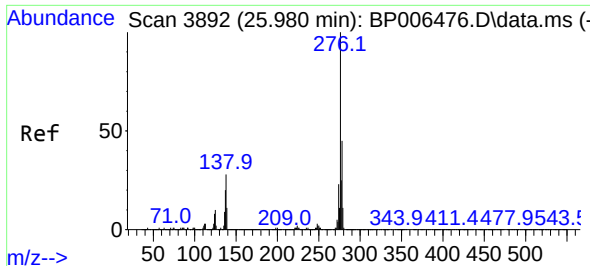


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.533 min Scan# 3476
Delta R.T. -0.000 min
Lab File: BP006828.D
Acq: 23 Aug 2021 13:29



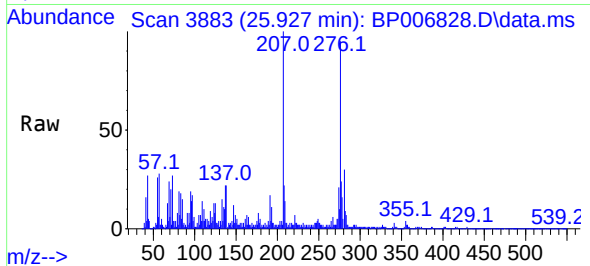
Tgt Ion:264 Resp: 870756
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 22.7 17.6 26.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.574 ng
 RT: 25.927 min Scan# 3883
 Delta R.T. -0.012 min
 Lab File: BP006828.D
 Acq: 23 Aug 2021 13:29

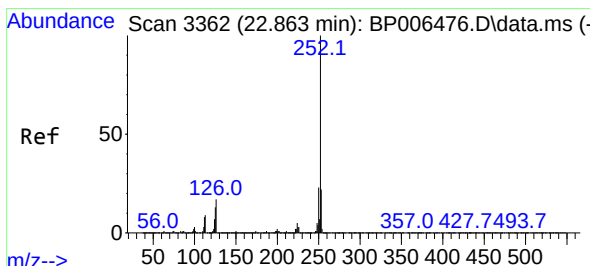
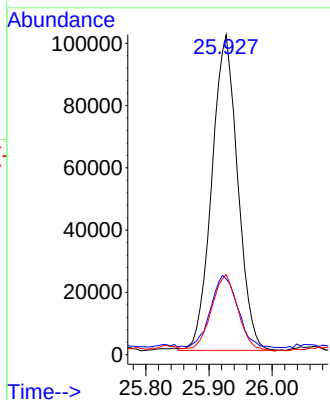
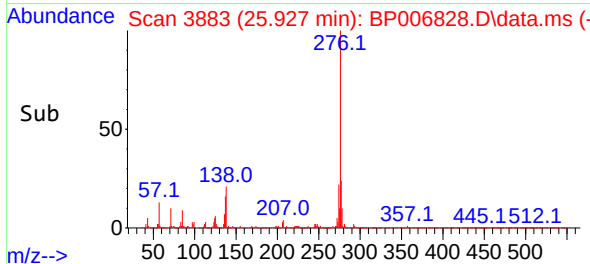
Instrument :
 BNA_P
 ClientSampleId :
 SWCS-09-0205



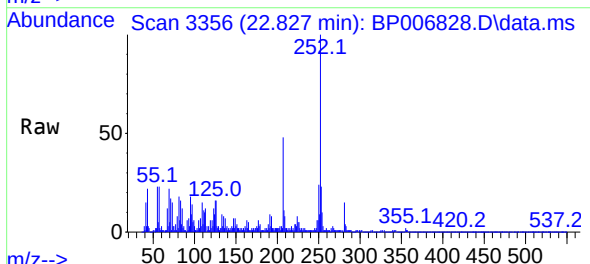
Tgt Ion: 276 Resp: 288772
 Ion Ratio Lower Upper
 276 100
 138 23.8 15.3 22.9#
 277 24.9 20.4 30.6

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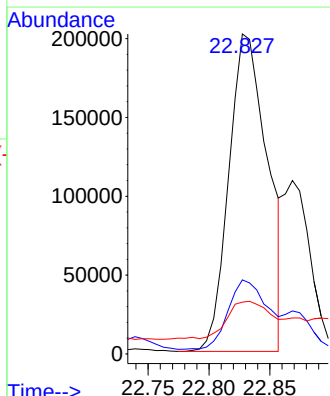
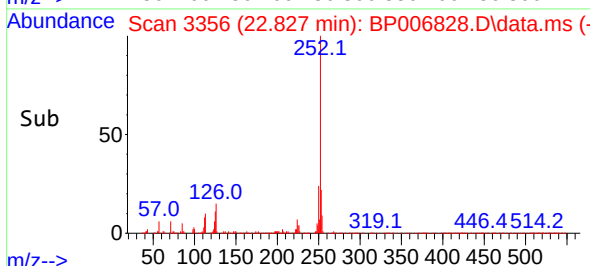
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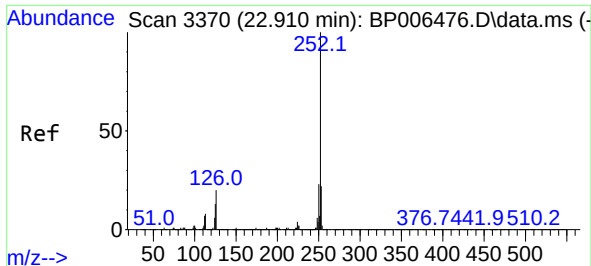


#88
 Benzo(b)fluoranthene
 Concen: 7.855 ng
 RT: 22.827 min Scan# 3356
 Delta R.T. -0.006 min
 Lab File: BP006828.D
 Acq: 23 Aug 2021 13:29



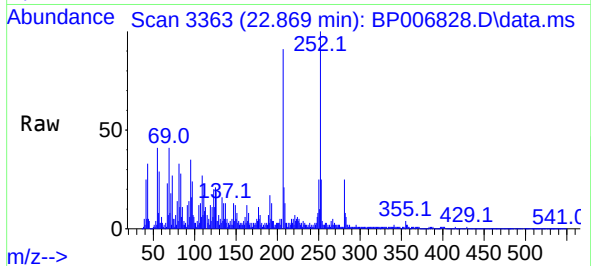
Tgt Ion: 252 Resp: 444532
 Ion Ratio Lower Upper
 252 100
 253 23.2 17.5 26.3
 125 16.2 6.2 9.4#





#89
Benzo(k)fluoranthene
Concen: 3.050 ng m
RT: 22.869 min Scan# 3363
Delta R.T. -0.012 min
Lab File: BP006828.D
Acq: 23 Aug 2021 13:29

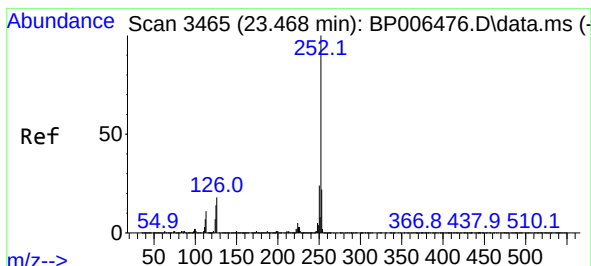
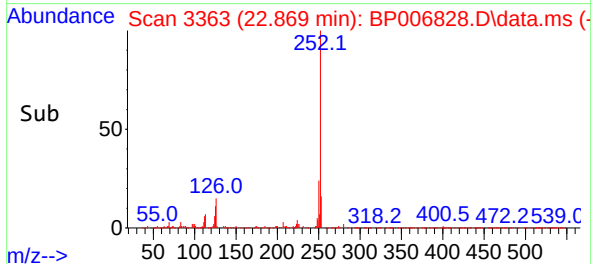
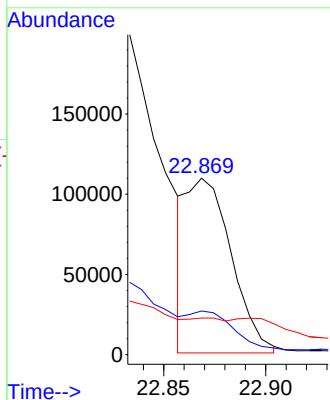
Instrument :
BNA_P
ClientSampleId :
SWCS-09-0205



Tgt Ion:252 Resp: 165729
Ion Ratio Lower Upper
252 100
253 24.8 17.6 26.4
125 20.8 6.0 9.0#

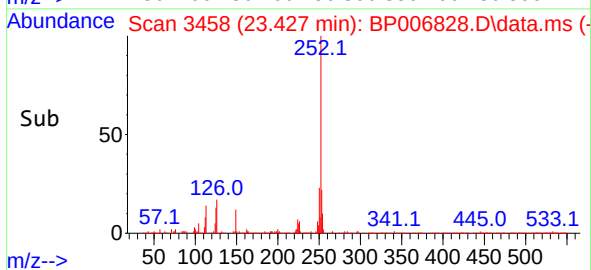
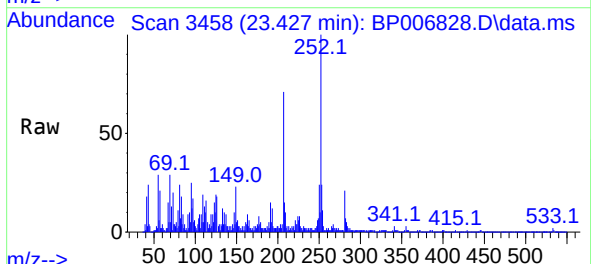
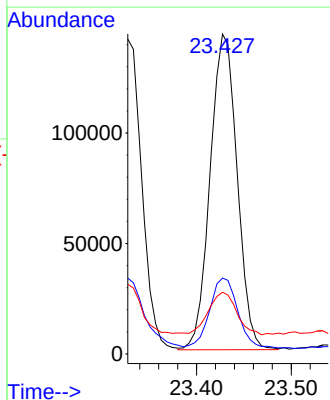
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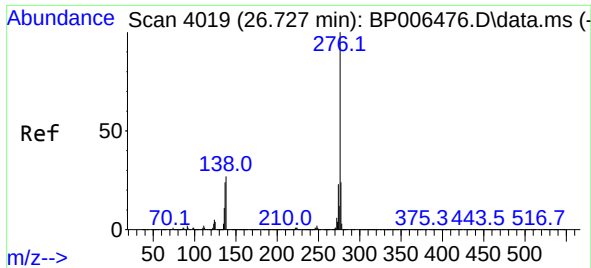
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#90
Benzo(a)pyrene
Concen: 5.593 ng
RT: 23.427 min Scan# 3458
Delta R.T. -0.006 min
Lab File: BP006828.D
Acq: 23 Aug 2021 13:29

Tgt Ion:252 Resp: 283892
Ion Ratio Lower Upper
252 100
253 23.7 17.9 26.9
125 19.3 6.5 9.7#





#92
Benzo(g,h,i)perylene
Concen: 5.736 ng
RT: 26.662 min Scan# 4008
Delta R.T. -0.006 min
Lab File: BP006828.D
Acq: 23 Aug 2021 13:29

Tgt Ion: 276 Resp: 300075
Ion Ratio Lower Upper
276 100
277 25.0 18.9 28.3
138 25.4 12.6 18.8#

Instrument :
BNA_P
ClientSampleId :
SWCS-09-0205

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