

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
 Data File : BM032407.D
 Acq On : 08 Oct 2021 23:34
 Operator : CG/JU
 Sample : M4136-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 2

Instrument :
 BNA_M
 ClientSampleId :
 PSC124042

Manual Integrations
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Quant Time: Oct 09 02:18:00 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 08 17:11:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.613	152	691193	40.00	ng	0.00
21) Naphthalene-d8	10.401	136	2726642	40.00	ng	# 0.00
39) Acenaphthene-d10	14.260	164	1569505	40.00	ng	0.00
64) Phenanthrene-d10	16.989	188	2678960	40.00	ng	0.00
76) Chrysene-d12	21.153	240	1870124	40.00	ng	0.00
86) Perylene-d12	23.300	264	2044394	40.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.190	112	1971960	96.14	ng	0.00
7) Phenol-d6	6.807	99	2545195	90.74	ng	0.00
23) Nitrobenzene-d5	8.766	82	1510668	61.63	ng	0.00
42) 2,4,6-Tribromophenol	15.748	330	674550	76.78	ng	0.00
45) 2-Fluorobiphenyl	12.877	172	2734005	51.80	ng	0.00
79) Terphenyl-d14	19.600	244	2694072	60.68	ng	0.00
Target Compounds						
						Qvalue
70) Pentachlorophenol	16.654	266	76451	8.07	ng	98
71) Phenanthrene	17.030	178	895311	12.73	ng	99
72) Anthracene	17.118	178	214423	3.12	ng	99
75) Fluoranthene	19.036	202	1478736	18.97	ng	96
78) Pyrene	19.400	202	1342434	21.17	ng	99
81) Benzo(a)anthracene	21.136	228	623886	10.67	ng	97
83) Chrysene	21.189	228	618823	10.94	ng	99
84) Bis(2-ethylhexyl)phtha...	21.059	149	158631	4.89	ng	95
87) Indeno(1,2,3-cd)pyrene	25.412	276	416541	6.61	ng	99
88) Benzo(b)fluoranthene	22.659	252	786460m	12.65	ng	
89) Benzo(k)fluoranthene	22.694	252	299567m	4.93	ng	
90) Benzo(a)pyrene	23.200	252	604030	11.98	ng	96
92) Benzo(g,h,i)perylene	26.065	276	416944	7.94	ng	# 95

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

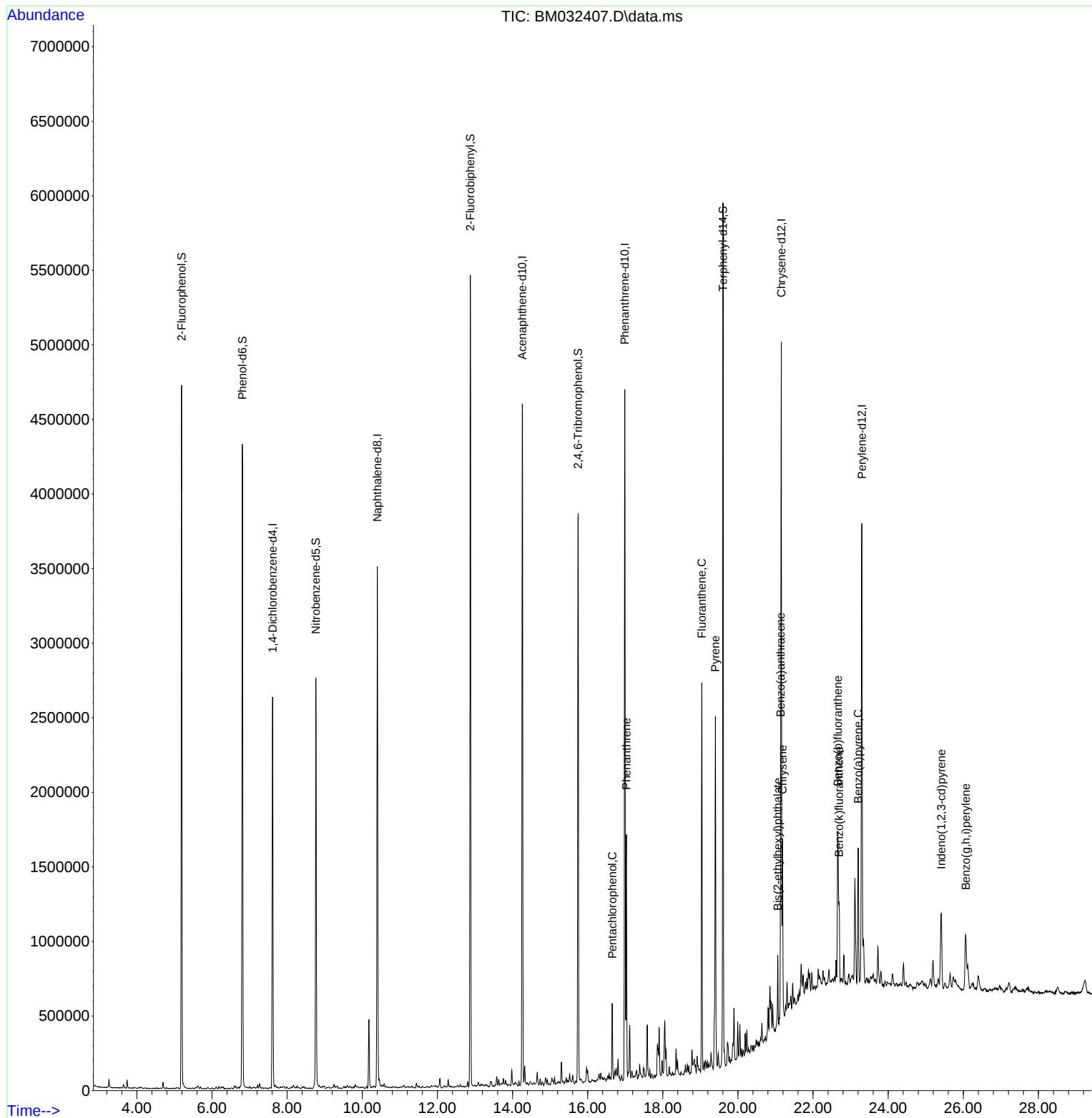
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Data File : BM032407.D
Acq On : 08 Oct 2021 23:34
Operator : CG/JU
Sample : M4136-05
Misc :
ALS Vial : 15 Sample Multiplier: 2

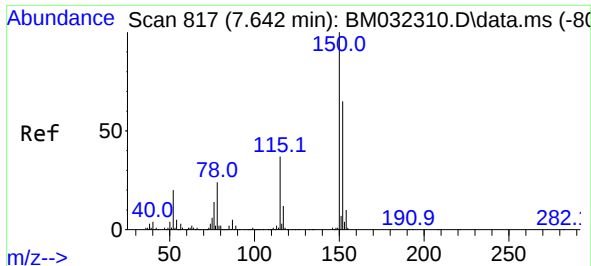
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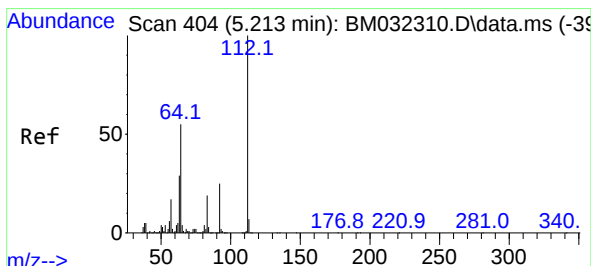
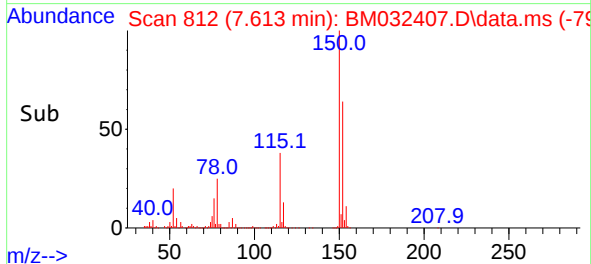
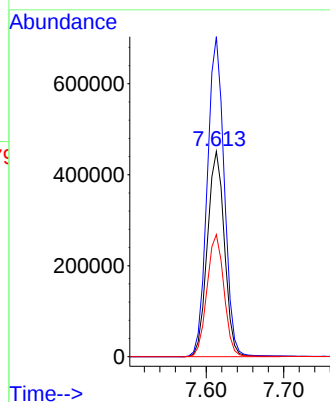
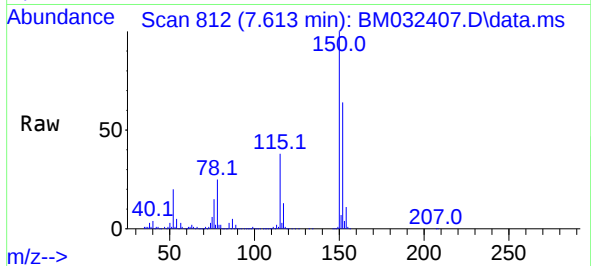
#1
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 7.613 min Scan# 812
Delta R.T. -0.006 min
Lab File: BM032407.D
Acq: 08 Oct 2021 23:34

Tgt Ion:152 Resp: 691193
Ion Ratio Lower Upper
152 100
150 155.9 122.4 183.6
115 59.4 53.8 80.8

Instrument :
BNA_M
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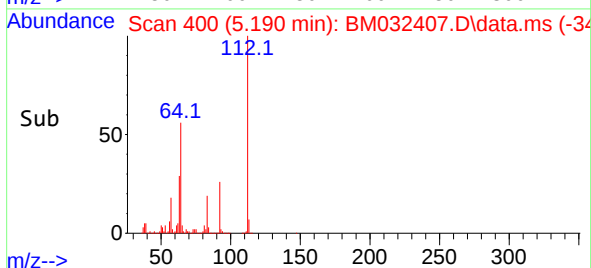
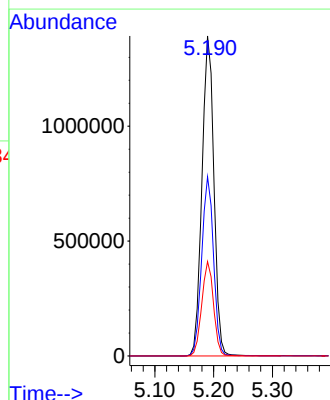
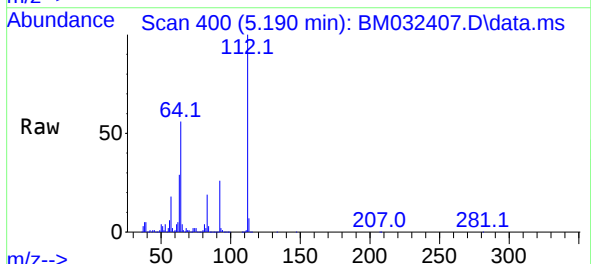
Manual Integrations
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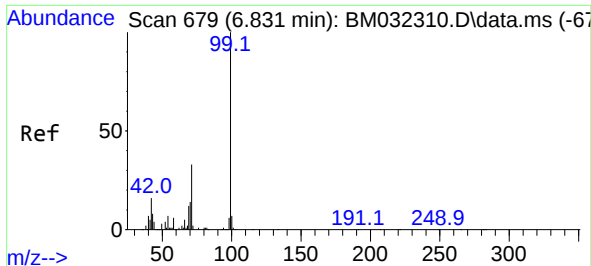
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#5
2-Fluorophenol
Concen: 96.14 ng
RT: 5.190 min Scan# 400
Delta R.T. -0.000 min
Lab File: BM032407.D
Acq: 08 Oct 2021 23:34

Tgt Ion:112 Resp: 1971960
Ion Ratio Lower Upper
112 100
64 56.0 53.7 80.5
63 29.5 33.9 50.9#





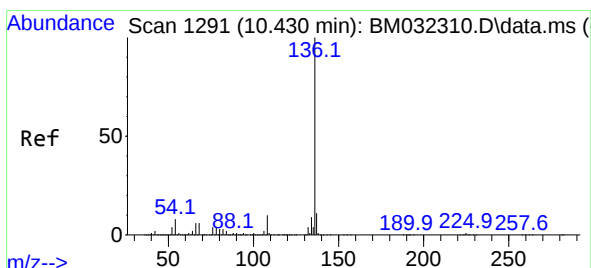
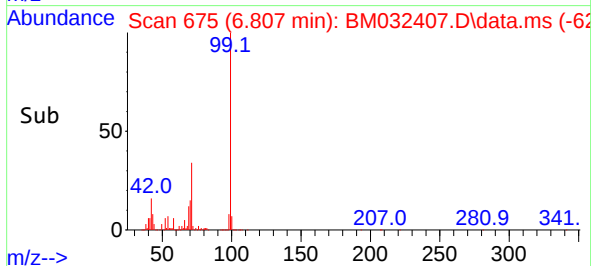
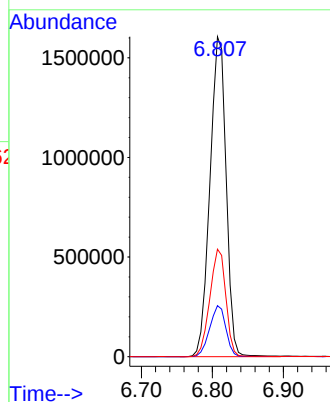
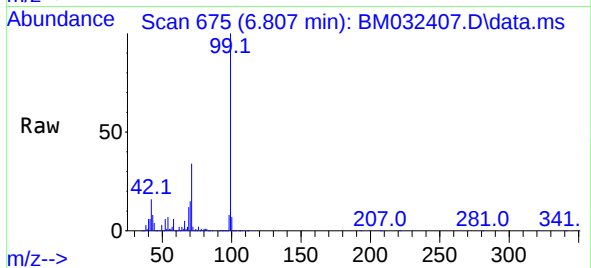
#7
Phenol-d6
Concen: 90.74 ng
RT: 6.807 min Scan# 675
Delta R.T. -0.006 min
Lab File: BM032407.D
Acq: 08 Oct 2021 23:34

Tgt Ion: 99 Resp: 2545195
Ion Ratio Lower Upper
99 100
42 16.0 23.0 34.6#
71 33.6 37.8 56.8#

Instrument :
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ClientSampled :
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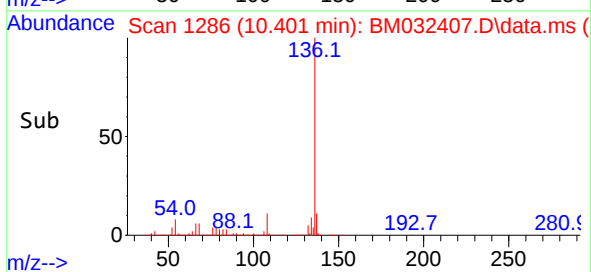
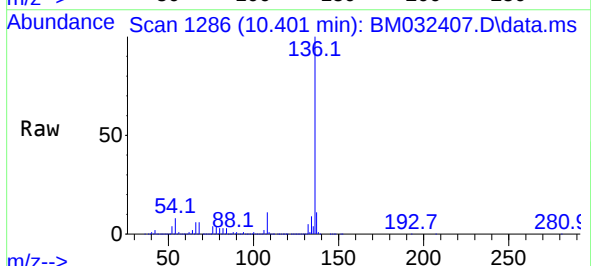
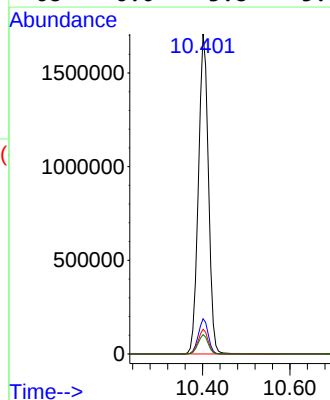
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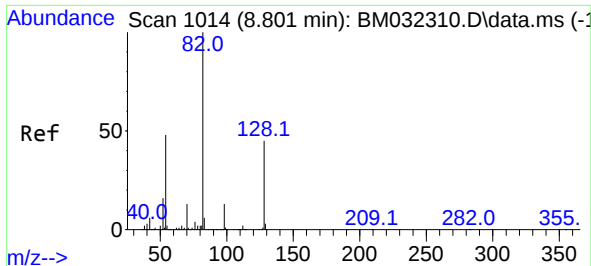
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#21
Naphthalene-d8
Concen: 40.00 ng
RT: 10.401 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM032407.D
Acq: 08 Oct 2021 23:34

Tgt Ion: 136 Resp: 2726642
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.7 7.4 11.0
68 6.0 3.8 5.8#





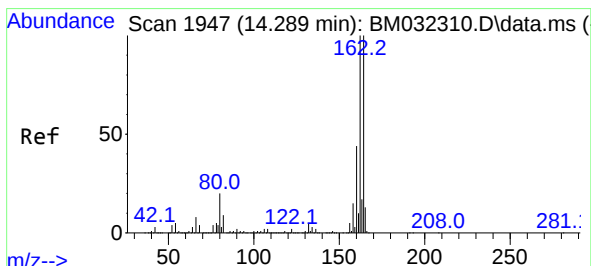
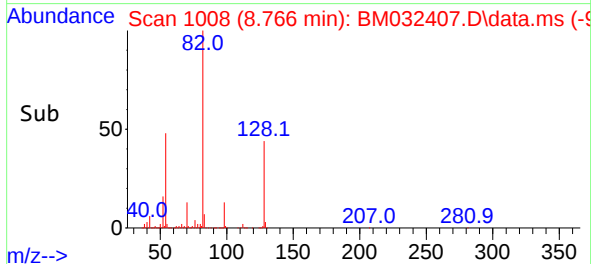
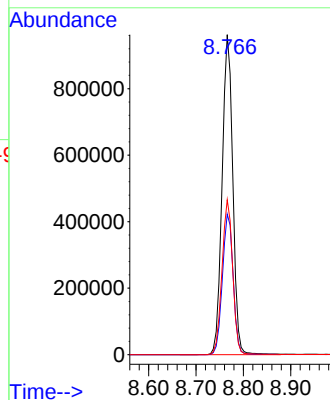
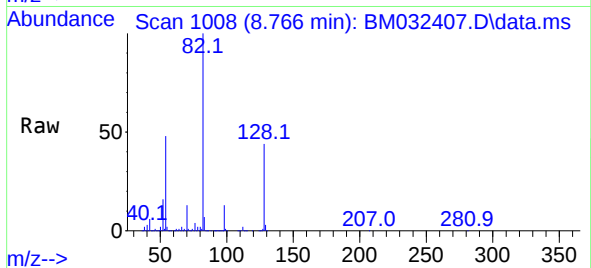
#23
Nitrobenzene-d5
Concen: 61.63 ng
RT: 8.766 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BM032407.D
Acq: 08 Oct 2021 23:34

Tgt Ion: 82 Resp: 1510668
Ion Ratio Lower Upper
82 100
128 43.9 29.0 43.6#
54 48.4 45.8 68.8

Instrument :
BNA_M
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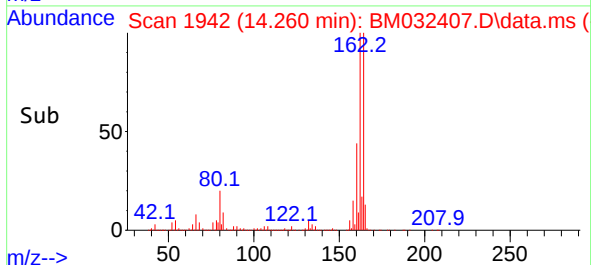
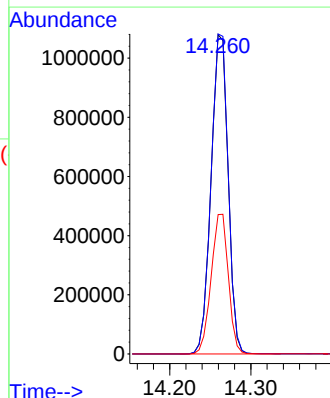
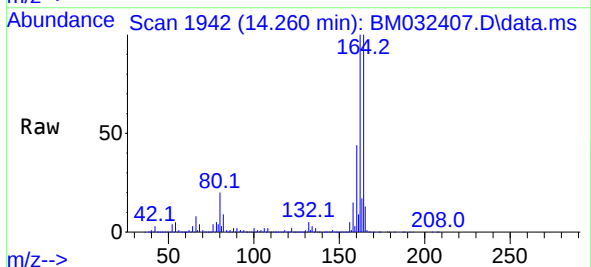
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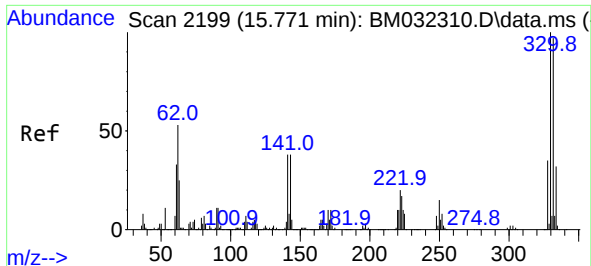
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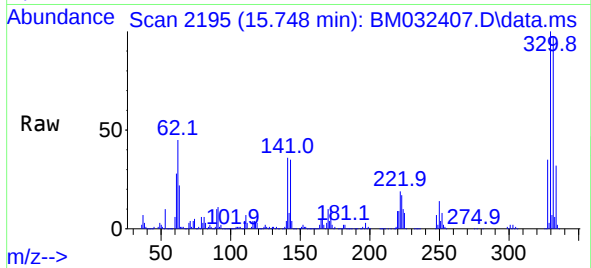
#39
Acenaphthene-d10
Concen: 40.00 ng
RT: 14.260 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM032407.D
Acq: 08 Oct 2021 23:34

Tgt Ion:164 Resp: 1569505
Ion Ratio Lower Upper
164 100
162 100.2 80.6 121.0
160 43.7 35.1 52.7

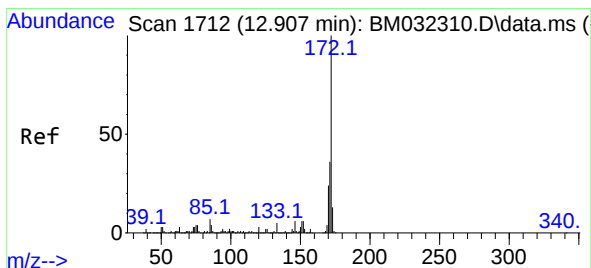
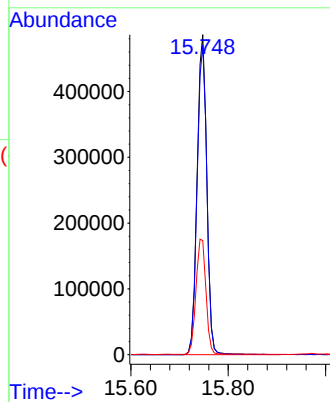
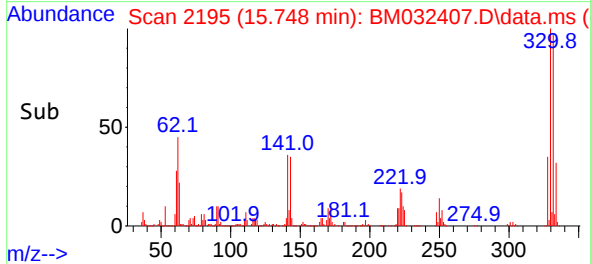




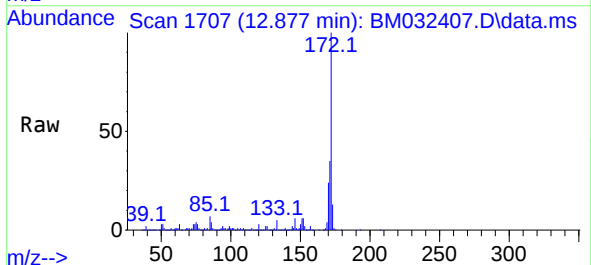
#42
2,4,6-Tribromophenol
Concen: 76.78 ng
RT: 15.748 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM032407.D
Acq: 08 Oct 2021 23:34



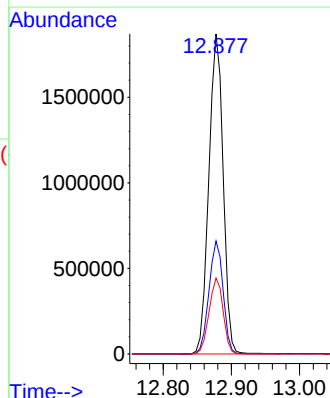
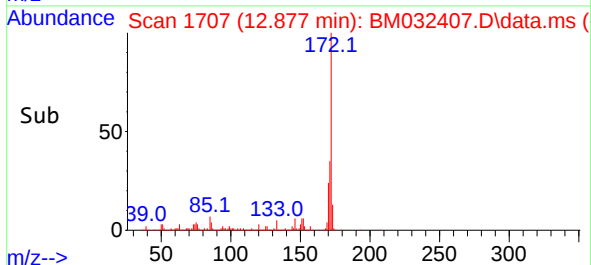
Tgt Ion:330 Resp: 674550
Ion Ratio Lower Upper
330 100
332 96.9 75.7 113.5
141 37.2 50.7 76.1#



#45
2-Fluorobiphenyl
Concen: 51.80 ng
RT: 12.877 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM032407.D
Acq: 08 Oct 2021 23:34



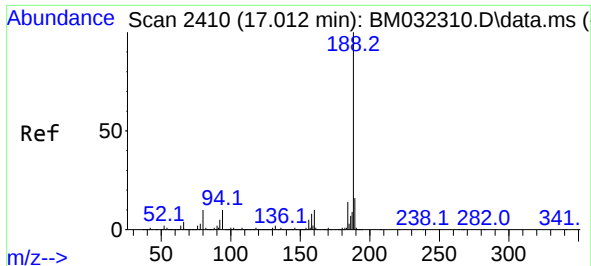
Tgt Ion:172 Resp: 2734005
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.7 18.6 27.8



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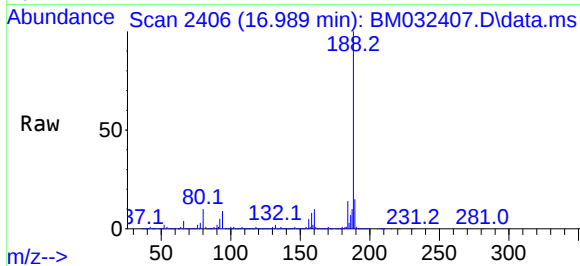
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#64
Phenanthrene-d10
Concen: 40.00 ng
RT: 16.989 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BM032407.D
Acq: 08 Oct 2021 23:34

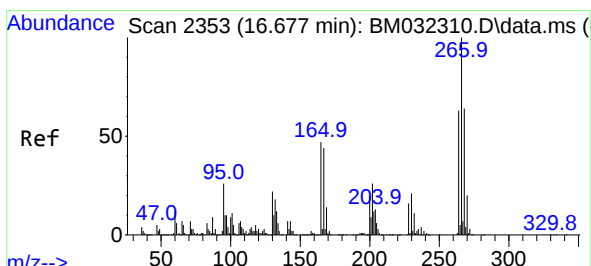
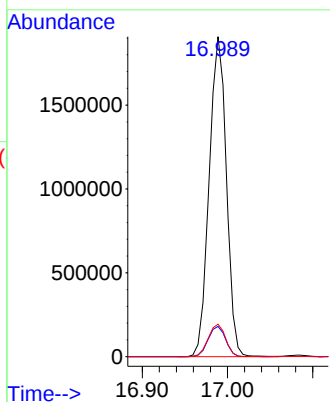
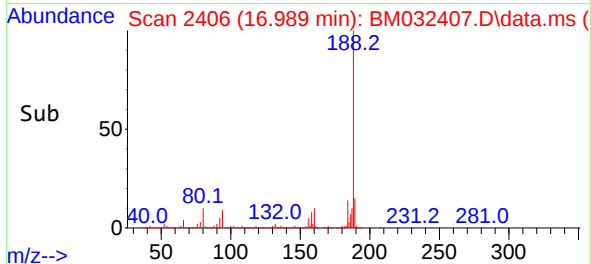
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ClientSampleId :
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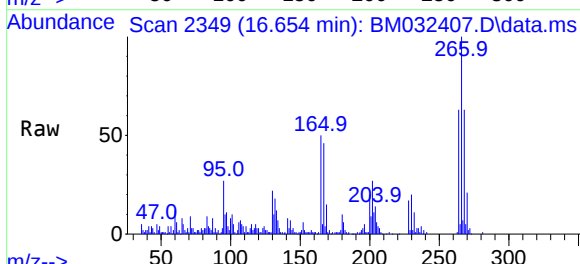
Tgt Ion:188 Resp: 2678960
Ion Ratio Lower Upper
188 100
94 9.5 6.3 9.5
80 10.2 7.3 10.9

Manual Integrations
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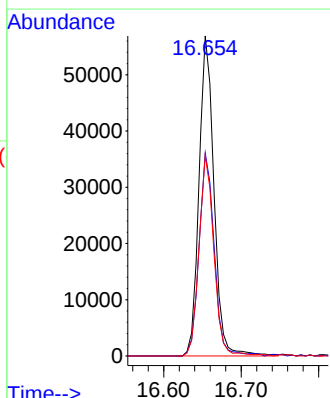
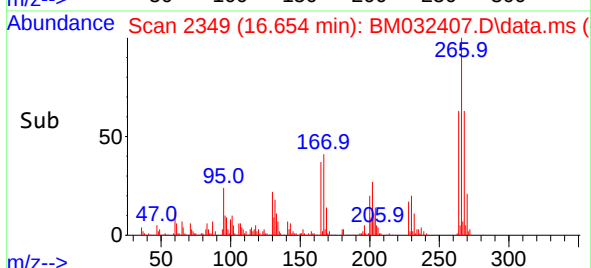
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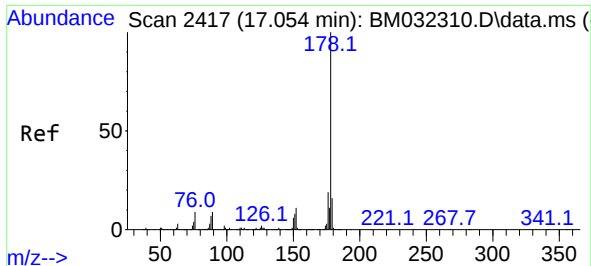


#70
Pentachlorophenol
Concen: 8.07 ng
RT: 16.654 min Scan# 2349
Delta R.T. -0.006 min
Lab File: BM032407.D
Acq: 08 Oct 2021 23:34



Tgt Ion:266 Resp: 76451
Ion Ratio Lower Upper
266 100
268 63.5 50.3 75.5
264 62.7 52.1 78.1





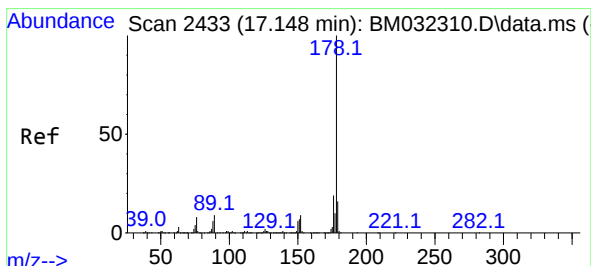
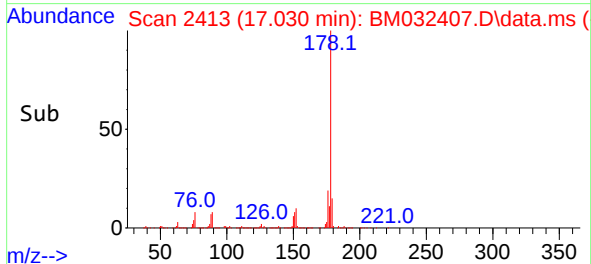
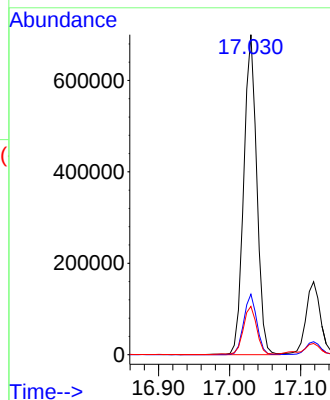
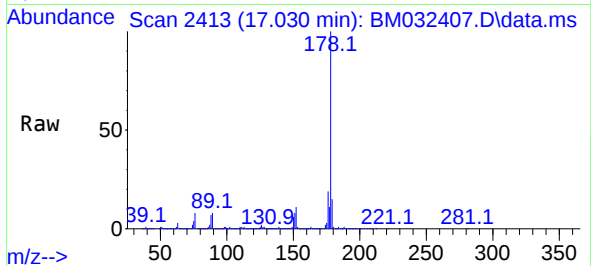
#71
Phenanthrene
Concen: 12.73 ng
RT: 17.030 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BM032407.D
Acq: 08 Oct 2021 23:34

Tgt Ion:178 Resp: 895311
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 15.1 12.4 18.6

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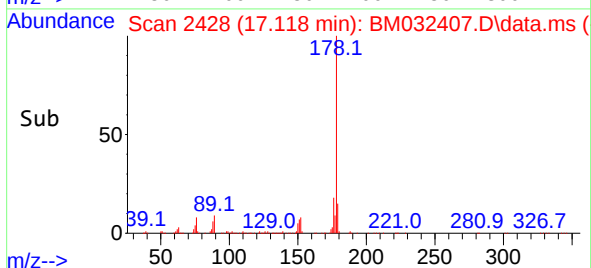
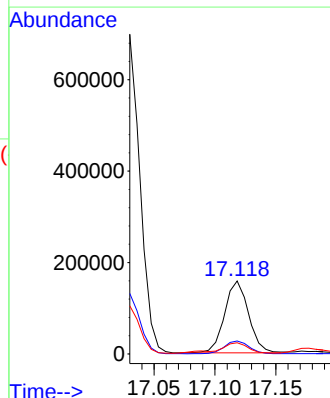
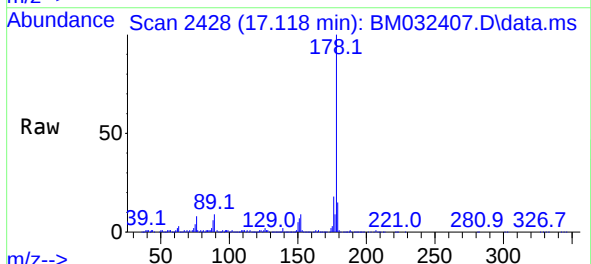
Manual Integrations
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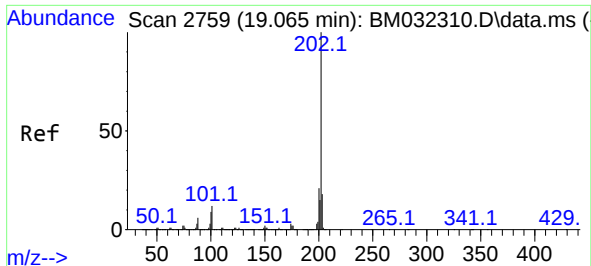
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#72
Anthracene
Concen: 3.12 ng
RT: 17.118 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BM032407.D
Acq: 08 Oct 2021 23:34

Tgt Ion:178 Resp: 214423
Ion Ratio Lower Upper
178 100
176 17.7 14.8 22.2
179 15.3 12.3 18.5





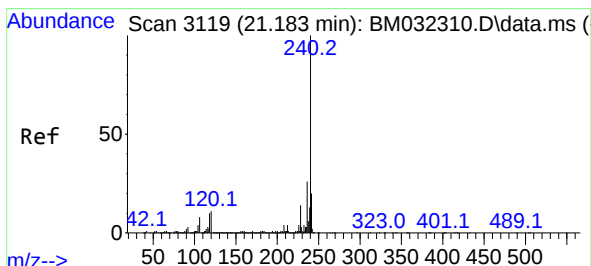
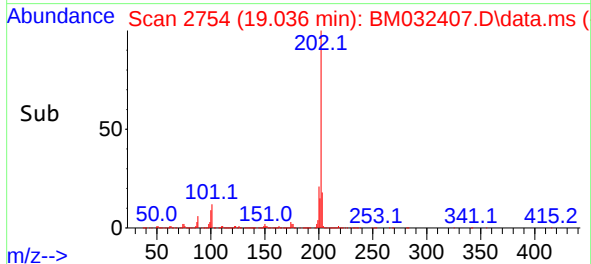
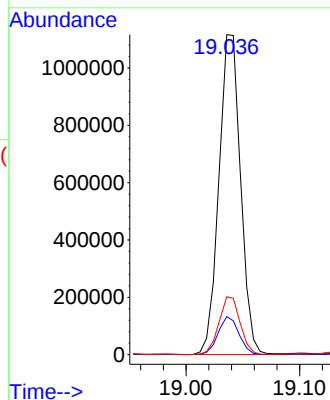
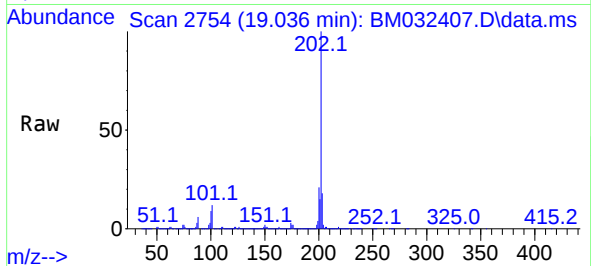
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Fluoranthene
Concen: 18.97 ng
RT: 19.036 min Scan# 2754
Delta R.T. -0.006 min
Lab File: BM032407.D
Acq: 08 Oct 2021 23:34

Tgt Ion:202 Resp: 1478736
Ion Ratio Lower Upper
202 100
101 11.9 0.0 29.9
203 18.1 0.0 36.8

Instrument :
BNA_M
ClientSampled :
PSC124042

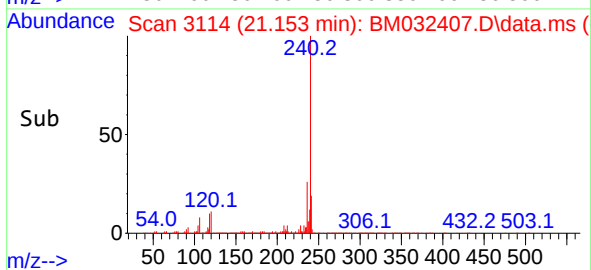
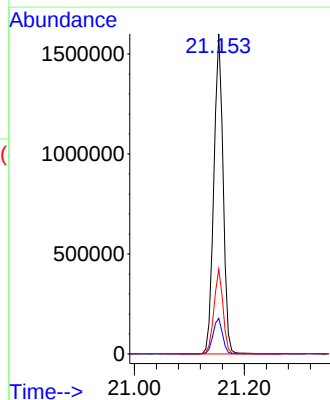
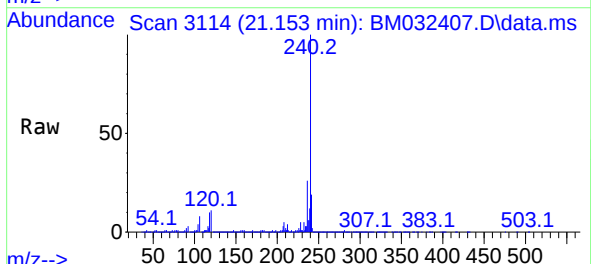
Manual Integrations
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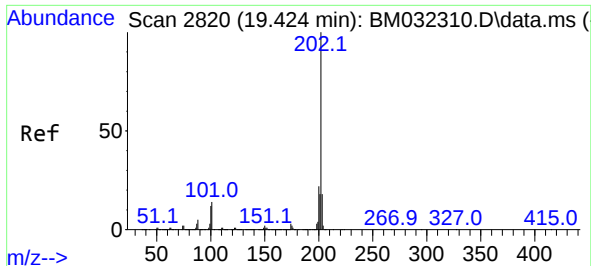
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#76
Chrysene-d12
Concen: 40.00 ng
RT: 21.153 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM032407.D
Acq: 08 Oct 2021 23:34

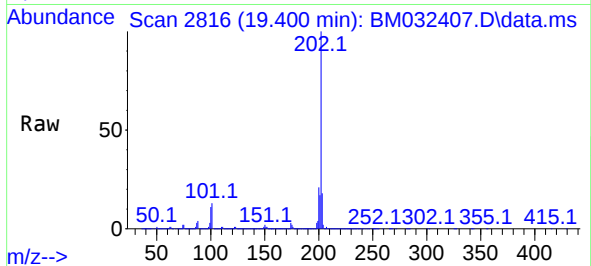
Tgt Ion:240 Resp: 1870124
Ion Ratio Lower Upper
240 100
120 11.1 7.8 11.6
236 26.5 20.9 31.3





#78
Pyrene
Concen: 21.17 ng
RT: 19.400 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BM032407.D
Acq: 08 Oct 2021 23:34

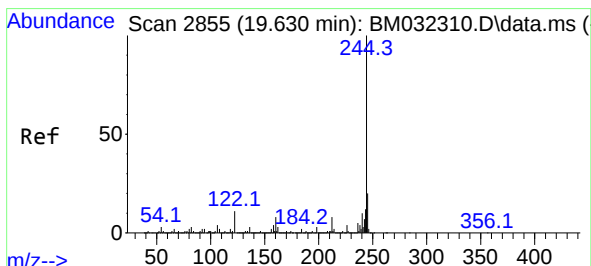
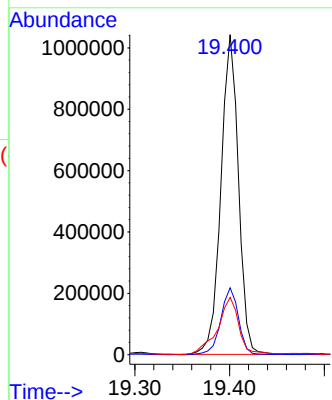
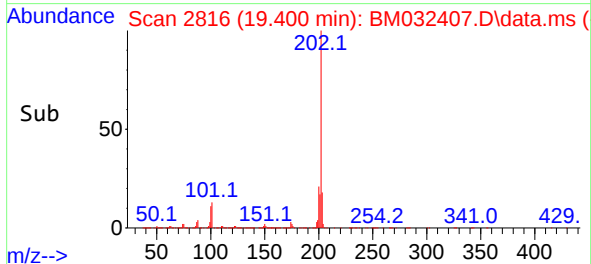
Instrument :
BNA_M
ClientSampleId :
PSC124042



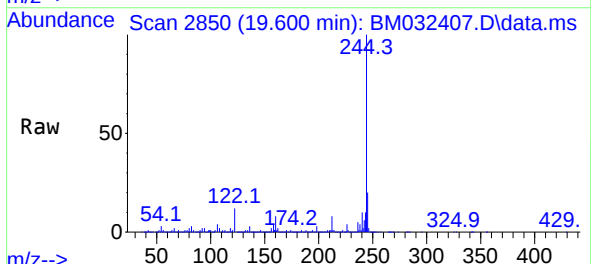
Tgt Ion:202 Resp: 1342434
Ion Ratio Lower Upper
202 100
200 20.9 16.6 25.0
203 17.9 13.7 20.5

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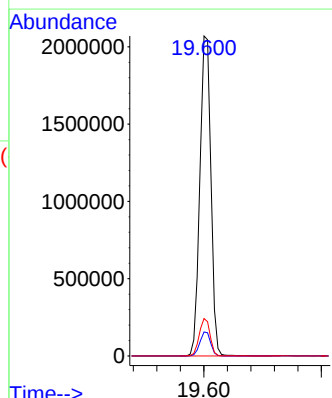
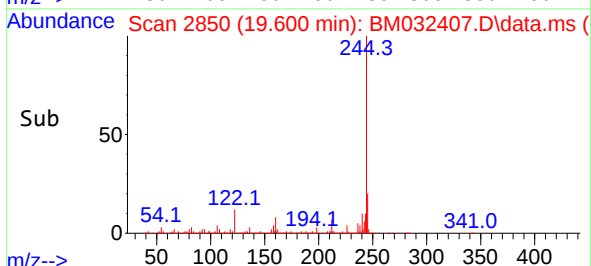
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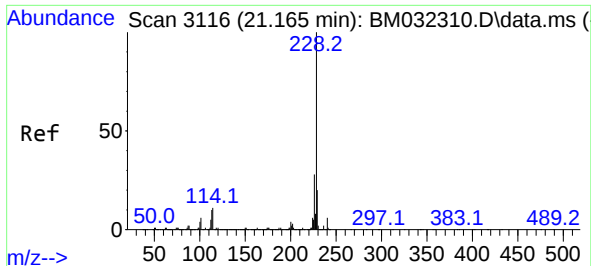


#79
Terphenyl-d14
Concen: 60.68 ng
RT: 19.600 min Scan# 2850
Delta R.T. -0.006 min
Lab File: BM032407.D
Acq: 08 Oct 2021 23:34



Tgt Ion:244 Resp: 2694072
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 11.7 8.7 13.1





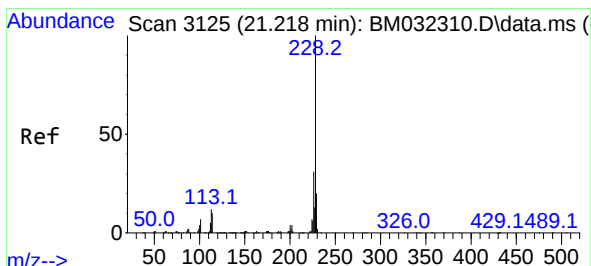
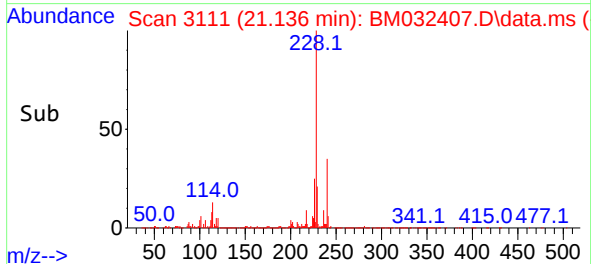
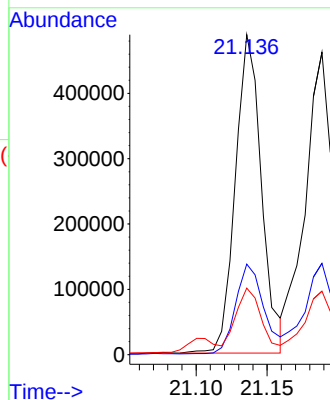
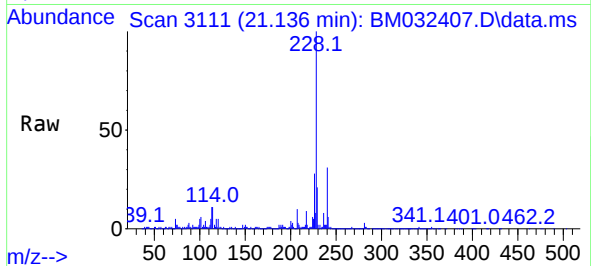
#81
Benzo(a)anthracene
Concen: 10.67 ng
RT: 21.136 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM032407.D
Acq: 08 Oct 2021 23:34

Tgt Ion:228 Resp: 623886
Ion Ratio Lower Upper
228 100
226 28.3 21.4 32.2
229 20.8 15.3 22.9

Instrument :
BNA_M
ClientSampled :
PSC124042

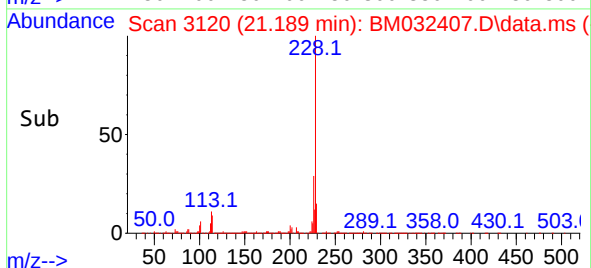
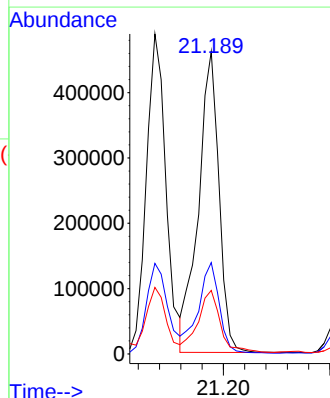
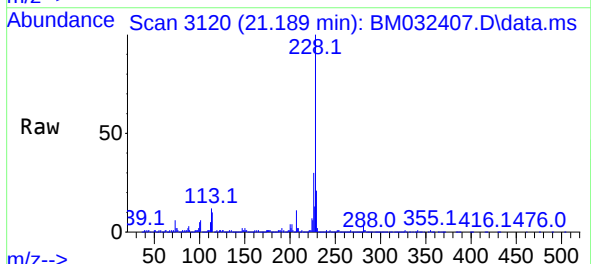
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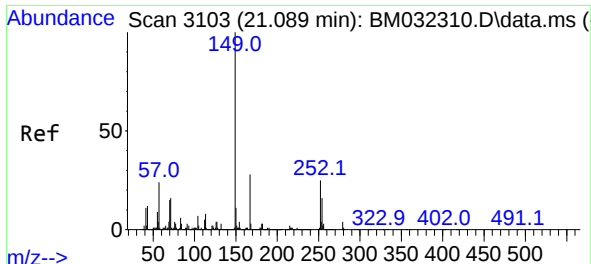
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#83
Chrysene
Concen: 10.94 ng
RT: 21.189 min Scan# 3120
Delta R.T. -0.006 min
Lab File: BM032407.D
Acq: 08 Oct 2021 23:34

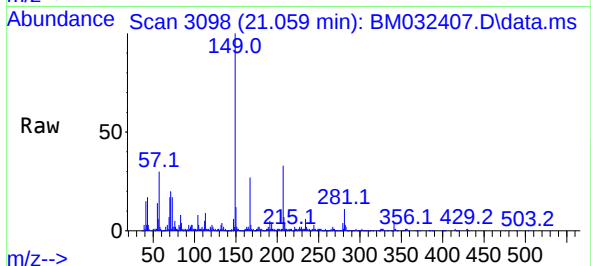
Tgt Ion:228 Resp: 618823
Ion Ratio Lower Upper
228 100
226 30.2 24.0 36.0
229 21.0 16.0 24.0





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.89 ng
RT: 21.059 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BM032407.D
Acq: 08 Oct 2021 23:34

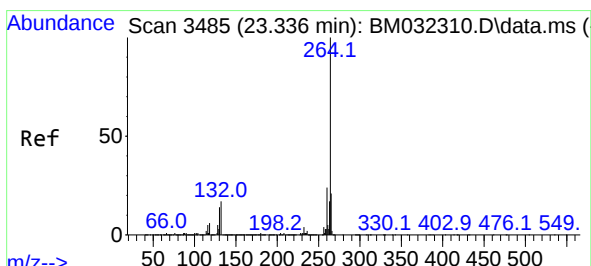
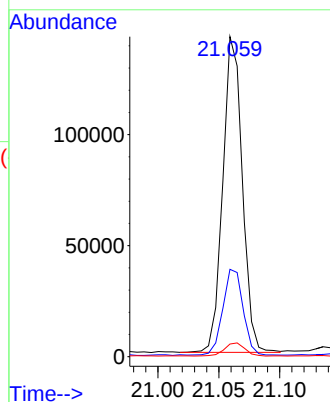
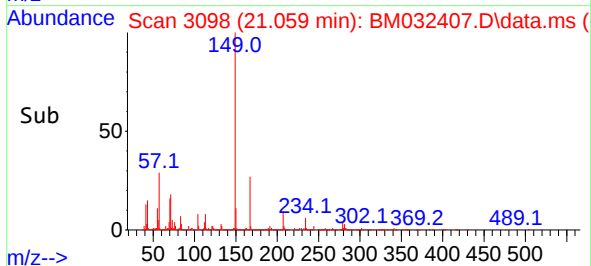
Instrument :
BNA_M
ClientSampleId :
PSC124042



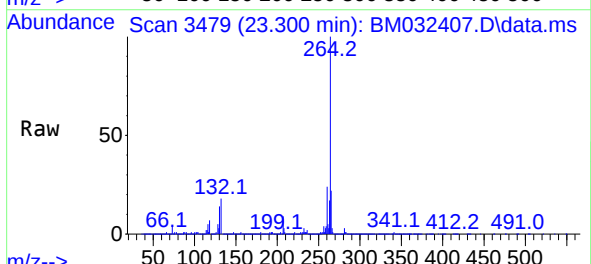
Tgt Ion:149 Resp: 158631
Ion Ratio Lower Upper
149 100
167 27.3 19.7 29.5
279 4.0 2.6 4.0

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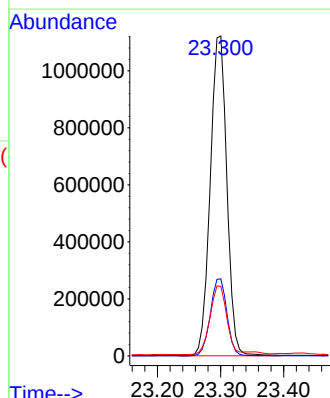
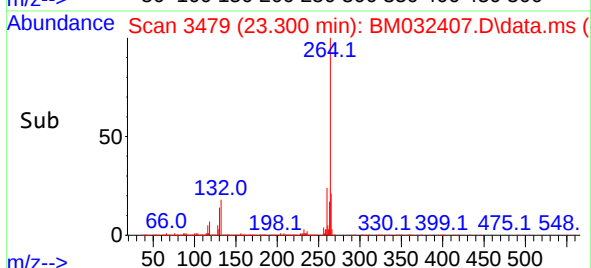
mohammad
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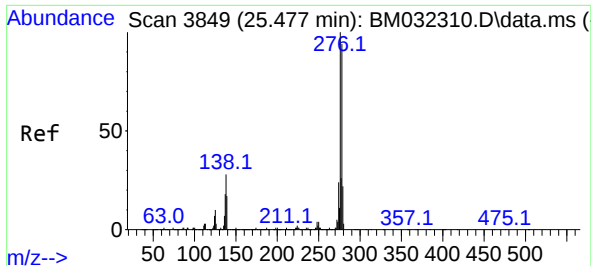


#86
Perylene-d12
Concen: 40.00 ng
RT: 23.300 min Scan# 3479
Delta R.T. -0.000 min
Lab File: BM032407.D
Acq: 08 Oct 2021 23:34



Tgt Ion:264 Resp: 2044394
Ion Ratio Lower Upper
264 100
260 24.1 19.3 28.9
265 21.8 18.3 27.5





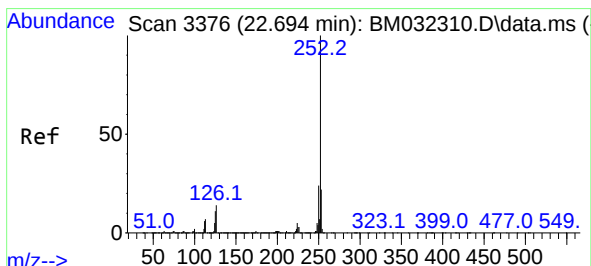
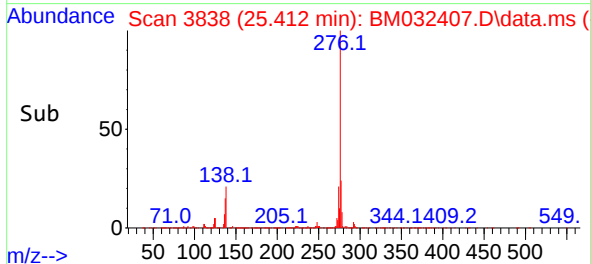
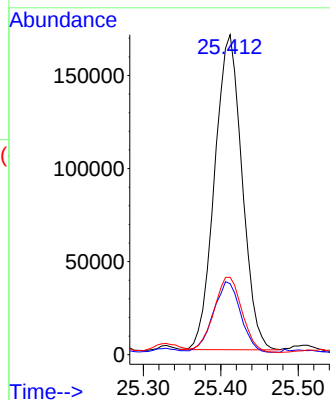
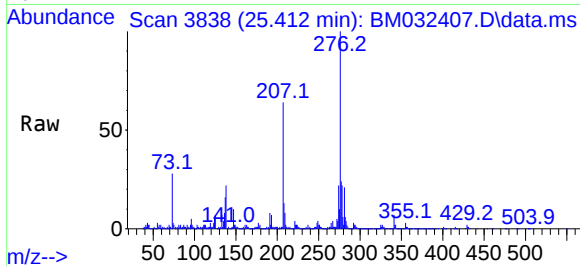
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.61 ng
RT: 25.412 min Scan# 3838
Delta R.T. -0.018 min
Lab File: BM032407.D
Acq: 08 Oct 2021 23:34

Tgt Ion: 276 Resp: 416541
Ion Ratio Lower Upper
276 100
138 22.4 18.4 27.6
277 24.8 20.1 30.1

Instrument :
BNA_M
ClientSampleId :
PSC124042

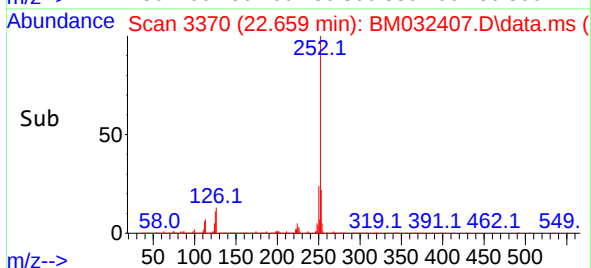
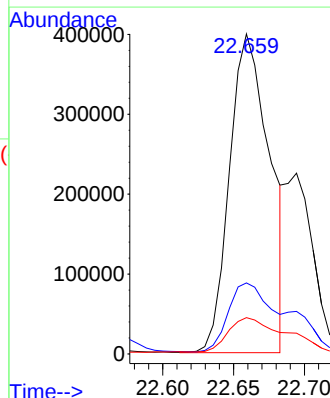
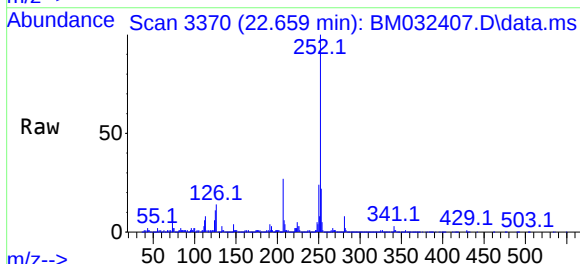
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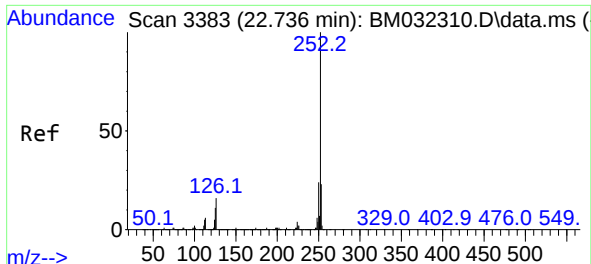
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#88
Benzo(b)fluoranthene
Concen: 12.65 ng m
RT: 22.659 min Scan# 3370
Delta R.T. -0.006 min
Lab File: BM032407.D
Acq: 08 Oct 2021 23:34

Tgt Ion: 252 Resp: 786460
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 11.3 7.5 11.3#





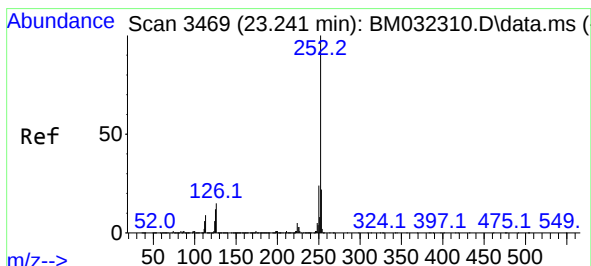
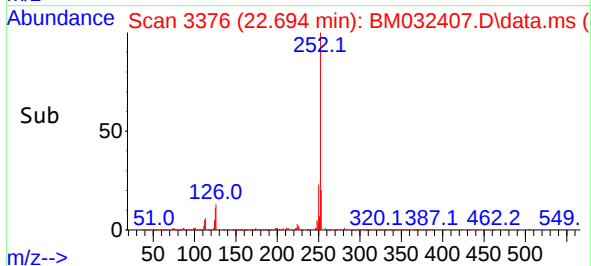
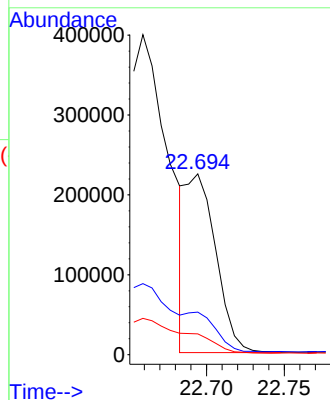
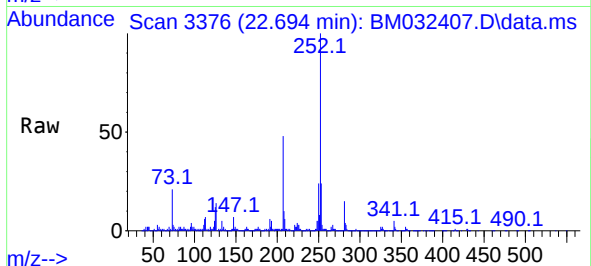
#89
Benzo(k)fluoranthene
Concen: 4.93 ng m
RT: 22.694 min Scan# 3376
Delta R.T. -0.012 min
Lab File: BM032407.D
Acq: 08 Oct 2021 23:34

Tgt Ion:252 Resp: 299567
Ion Ratio Lower Upper
252 100
253 23.6 17.3 25.9
125 11.5 7.5 11.3#

Instrument :
BNA_M
ClientSampleId :
PSC124042

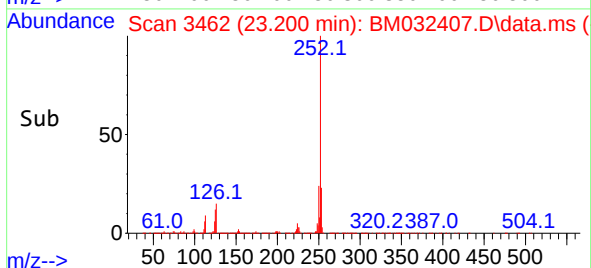
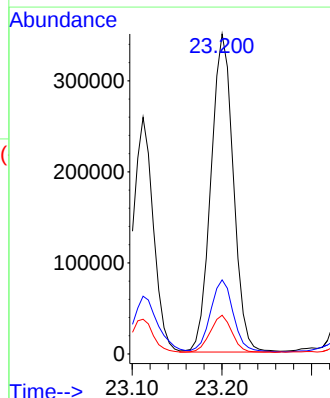
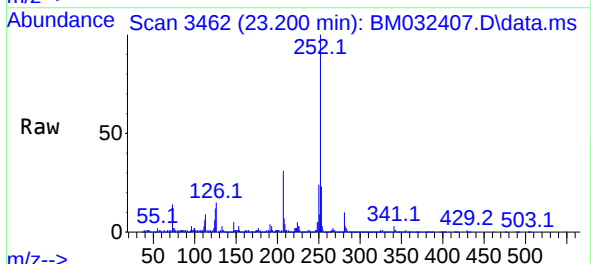
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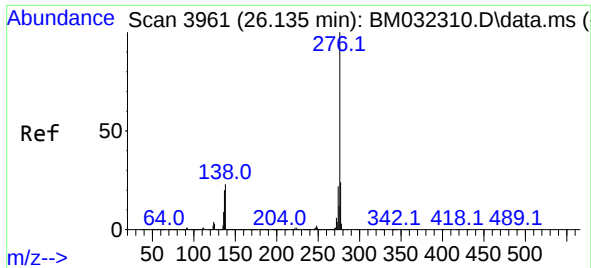
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#90
Benzo(a)pyrene
Concen: 11.98 ng
RT: 23.200 min Scan# 3462
Delta R.T. -0.012 min
Lab File: BM032407.D
Acq: 08 Oct 2021 23:34

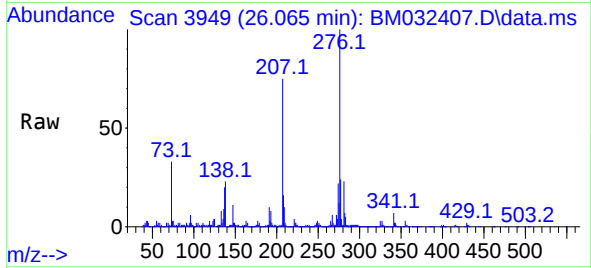
Tgt Ion:252 Resp: 604030
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 12.1 8.1 12.1





#92
Benzo(g,h,i)perylene
Concen: 7.94 ng
RT: 26.065 min Scan# 3949
Delta R.T. -0.018 min
Lab File: BM032407.D
Acq: 08 Oct 2021 23:34

Instrument :
BNA_M
ClientSampled :
PSC124042



Tgt Ion: 276 Resp: 416944
Ion Ratio Lower Upper
276 100
277 23.8 19.4 29.0
138 22.5 14.6 22.0#

Manual Integrations
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