

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012821\
 Data File : BM028596.D
 Acq On : 28 Jan 2021 20:22
 Operator : CG/JU
 Sample : M1253-07 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-229

Manual Integrations
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Quant Time: Jan 28 23:37:25 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 27 13:20:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	35776	20.00	ng	0.00
21) Naphthalene-d8	10.780	136	137721	20.00	ng	# 0.00
39) Acenaphthene-d10	14.615	164	79961	20.00	ng	0.00
64) Phenanthrene-d10	17.374	188	125921	20.00	ng	# 0.02
76) Chrysene-d12	21.497	240	138703	20.00	ng	# 0.01
86) Perylene-d12	23.756	264	141133	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	92650	40.91	ng	-0.02
7) Phenol-d6	7.151	99	116005	37.62	ng	-0.04
23) Nitrobenzene-d5	9.139	82	71844	24.74	ng	-0.01
42) 2,4,6-Tribromophenol	16.109	330	37664	35.55	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	151435	23.76	ng	0.00
79) Terphenyl-d14	19.974	244	170085	22.14	ng	0.03
Target Compounds						Qvalue
58) Fluorene	15.668	166	24210	3.74	ng	# 52
71) Phenanthrene	17.415	178	200168	25.85	ng	# 83
72) Anthracene	17.503	178	26862	3.59	ng	# 14
75) Fluoranthene	19.415	202	113616	13.06	ng	74
78) Pyrene	19.780	202	171155	17.21	ng	# 92
81) Benzo(a)anthracene	21.480	228	101688	10.62	ng	97
83) Chrysene	21.533	228	107924	11.67	ng	97
84) Bis(2-ethylhexyl)phtha...	21.391	149	42475	6.85	ng	# 95
87) Indeno(1,2,3-cd)pyrene	26.050	276	39403m	3.75	ng	
88) Benzo(b)fluoranthene	23.074	252	95393	9.96	ng	# 89
89) Benzo(k)fluoranthene	23.115	252	30775m	3.29	ng	
90) Benzo(a)pyrene	23.656	252	73718	8.30	ng	# 91
92) Benzo(g,h,i)perylene	26.762	276	39883	4.66	ng	# 86

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

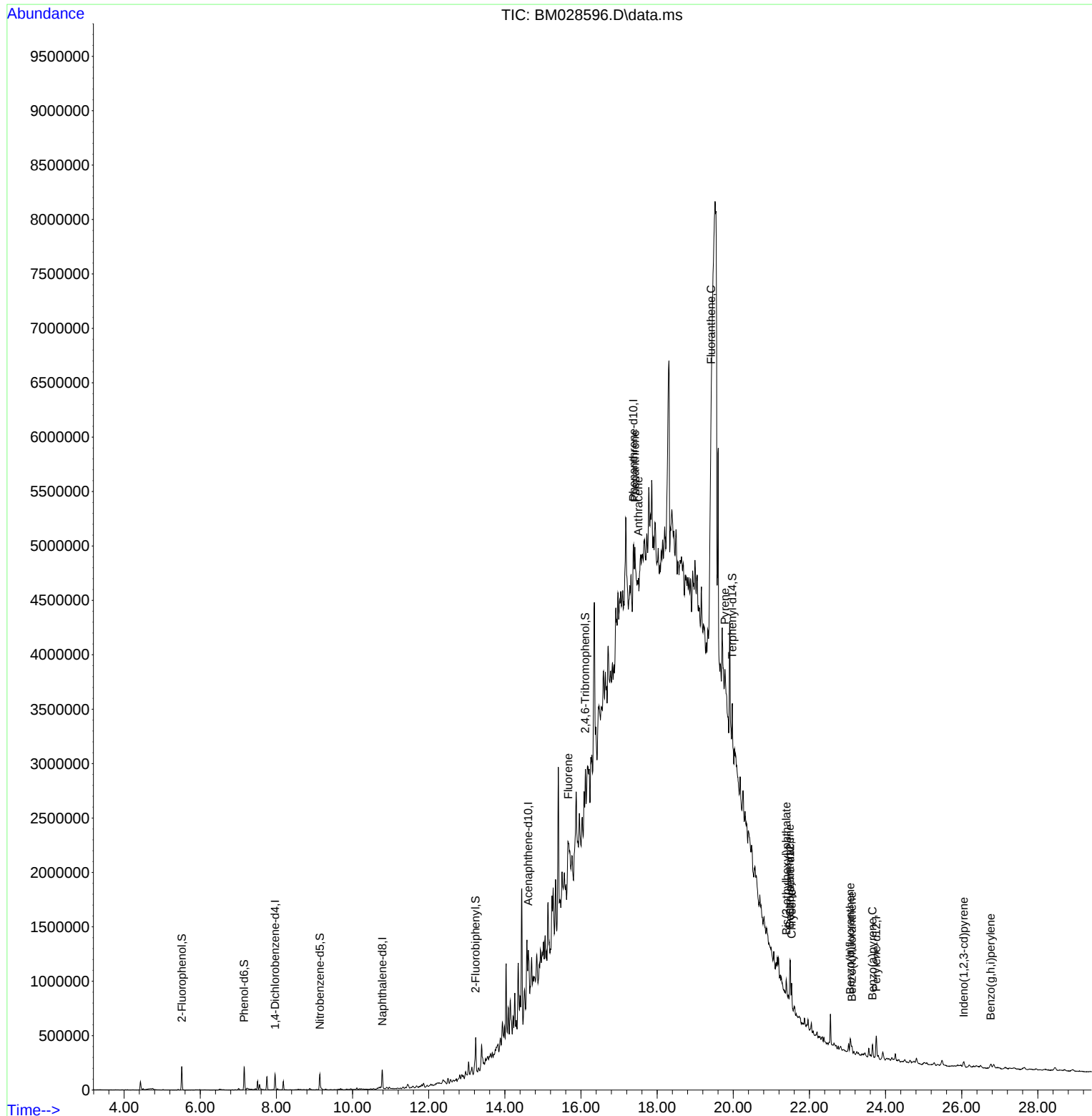
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Data File : BM028596.D
Acq On : 28 Jan 2021 20:22
Operator : CG/JU
Sample : M1253-07 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

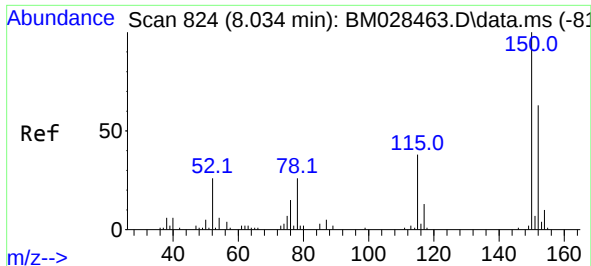
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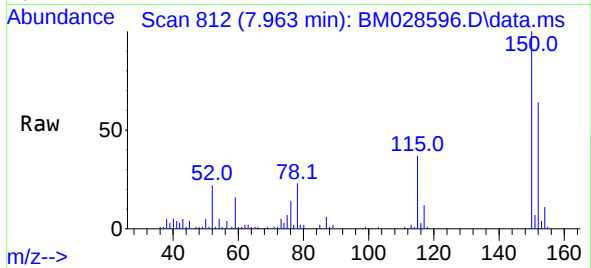
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Quant Time: Jan 28 23:37:25 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 13:20:04 2021
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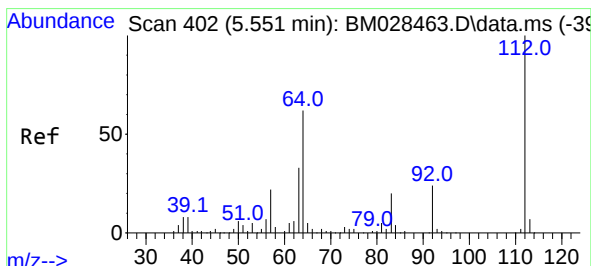
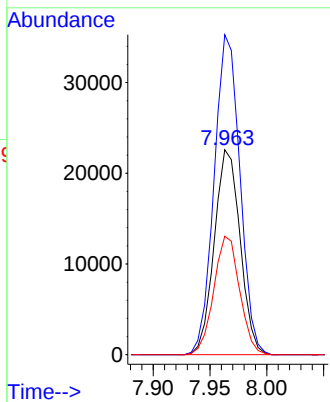
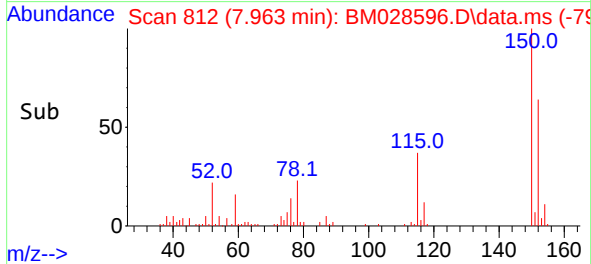




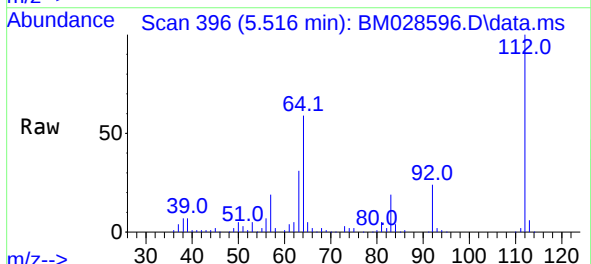
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.963 min Scan# 812
Delta R.T. -0.006 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22



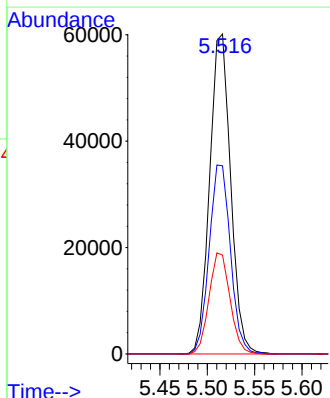
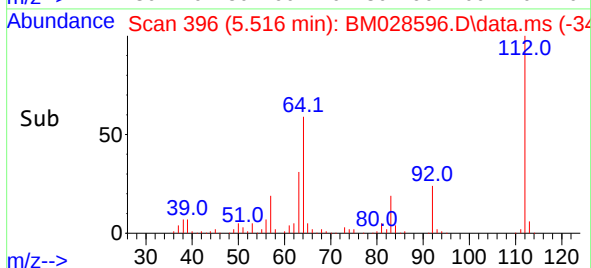
Tgt Ion:152 Resp: 35776
Ion Ratio Lower Upper
152 100
150 156.2 120.6 181.0
115 57.8 47.2 70.8



#5
2-Fluorophenol
Concen: 40.91 ng
RT: 5.516 min Scan# 396
Delta R.T. -0.018 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22



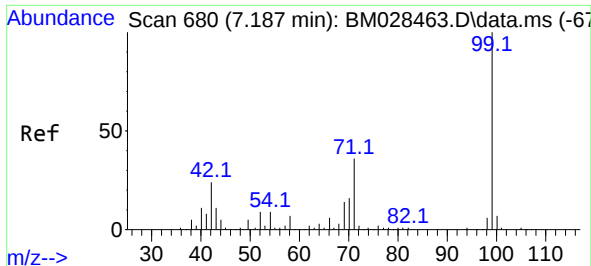
Tgt Ion:112 Resp: 92650
Ion Ratio Lower Upper
112 100
64 58.8 50.6 76.0
63 30.9 31.0 46.6#



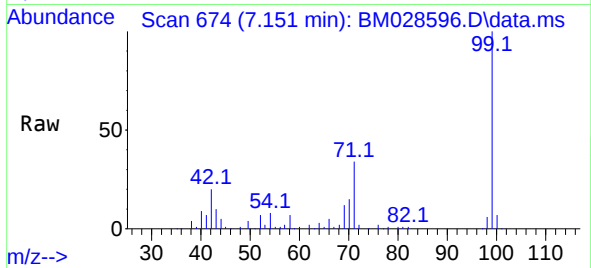
Instrument :
BNA_M
ClientSampleId :
VNJ-229

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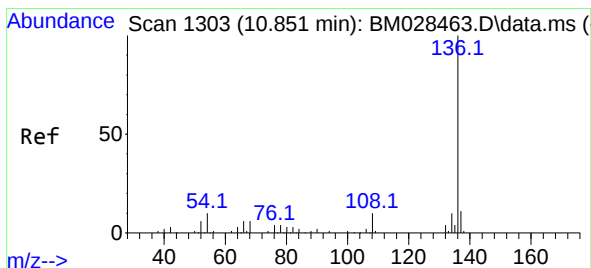
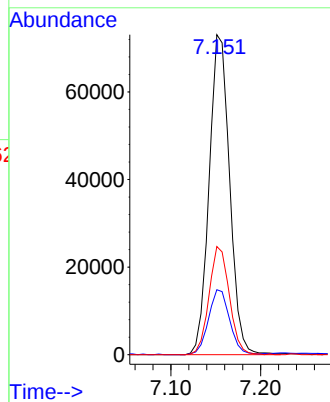
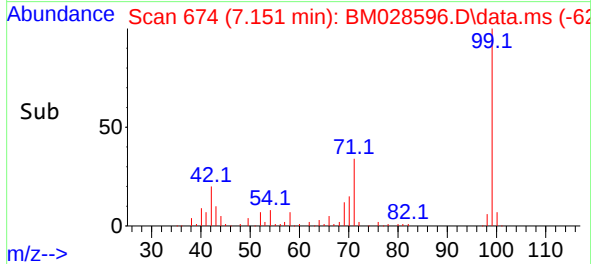
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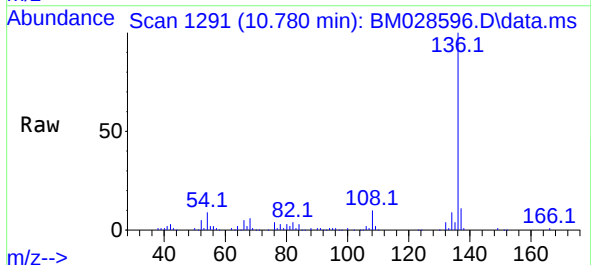
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Phenol-d6
Concen: 37.62 ng
RT: 7.151 min Scan# 674
Delta R.T. -0.035 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22



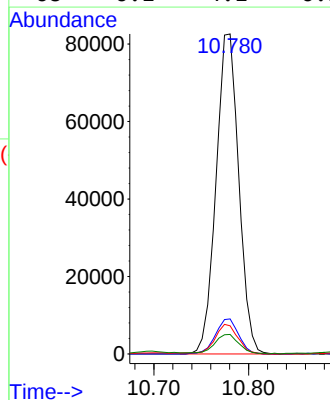
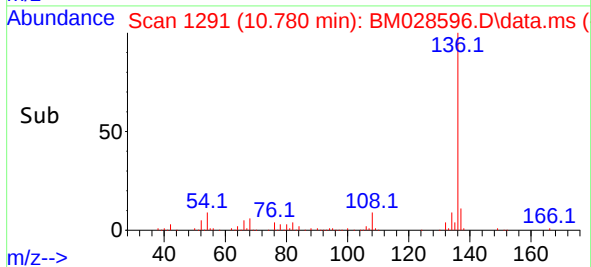
Tgt Ion: 99 Resp: 116005
Ion Ratio Lower Upper
99 100
42 20.3 13.5 20.3#
71 33.8 39.4 59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.780 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22



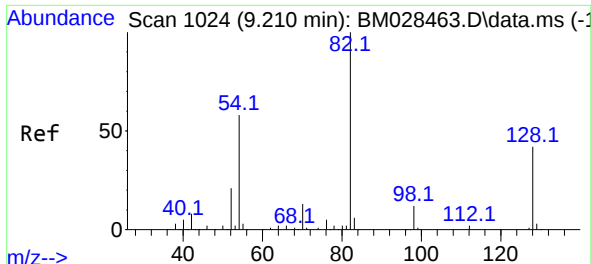
Tgt Ion: 136 Resp: 137721
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.8 4.6 7.0#
68 6.1 4.1 6.1



Instrument :
BNA_M
ClientSampled :
VNJ-229

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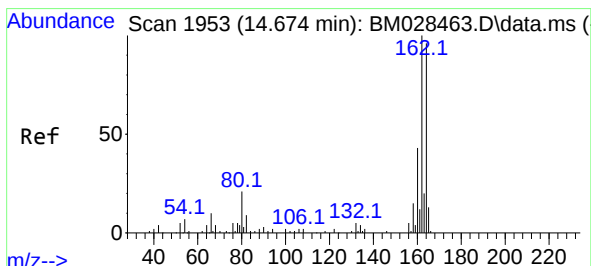
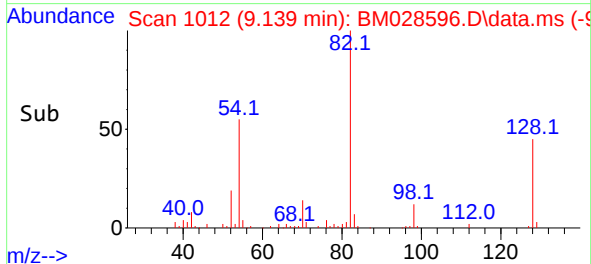
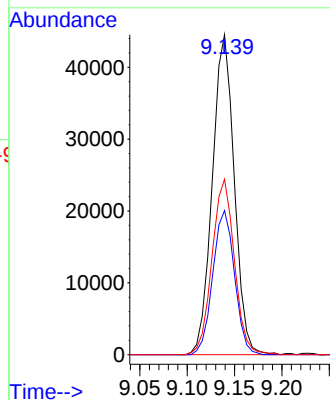
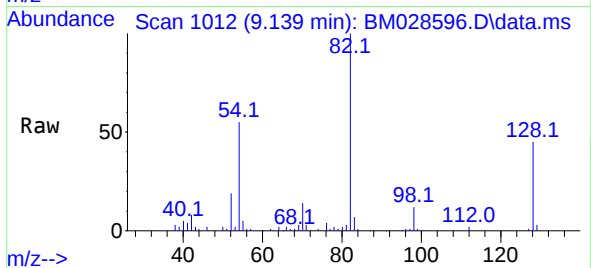
#23
Nitrobenzene-d5
Concen: 24.74 ng
RT: 9.139 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

Tgt Ion: 82 Resp: 71844
Ion Ratio Lower Upper
82 100
128 45.0 27.4 41.0#
54 54.8 31.4 47.0#

Instrument :
BNA_M
ClientSampleId :
VNJ-229

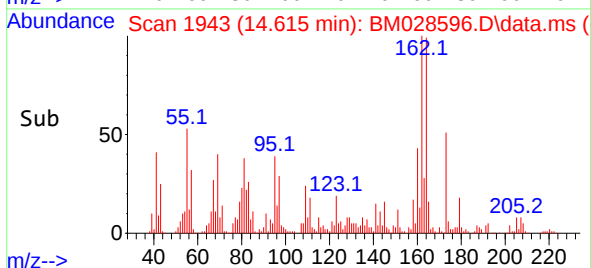
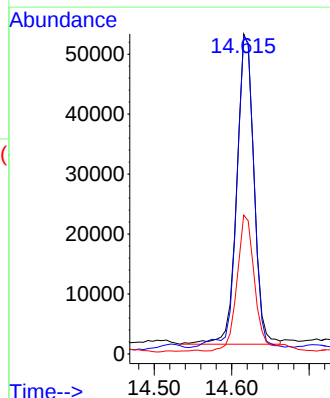
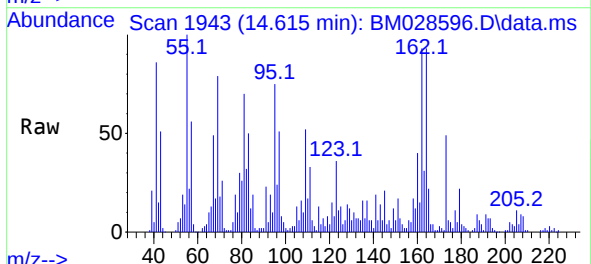
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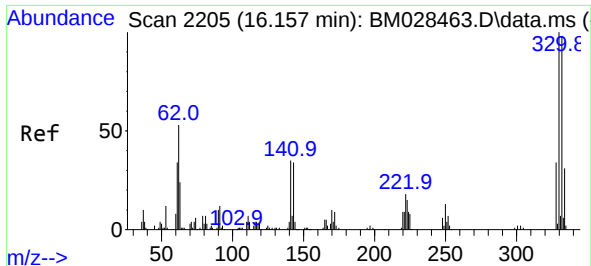
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.615 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

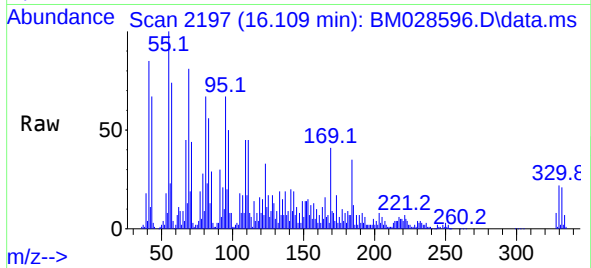
Tgt Ion:164 Resp: 79961
Ion Ratio Lower Upper
164 100
162 99.4 80.4 120.6
160 43.4 35.9 53.9





#42
2,4,6-Tribromophenol
Concen: 35.55 ng
RT: 16.109 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

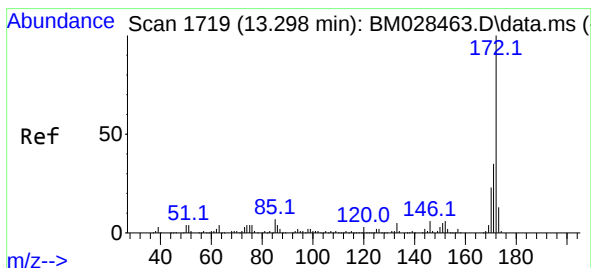
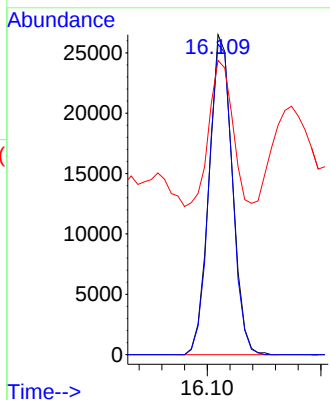
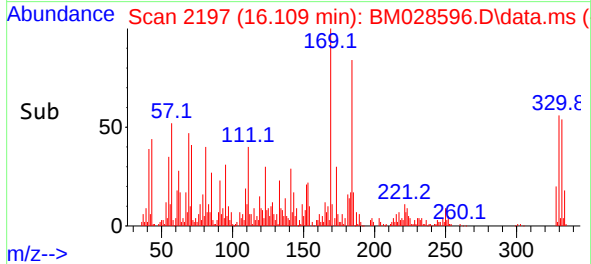
Instrument :
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ClientSampled :
VNJ-229



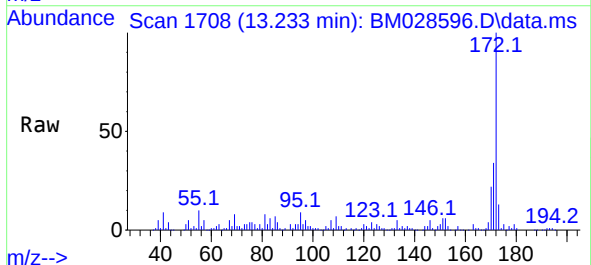
Tgt Ion:330 Resp: 37664
Ion Ratio Lower Upper
330 100
332 98.0 77.8 116.8
141 45.7 28.4 42.6#

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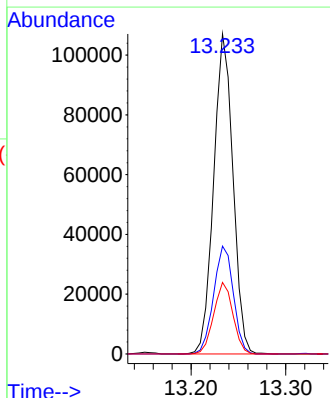
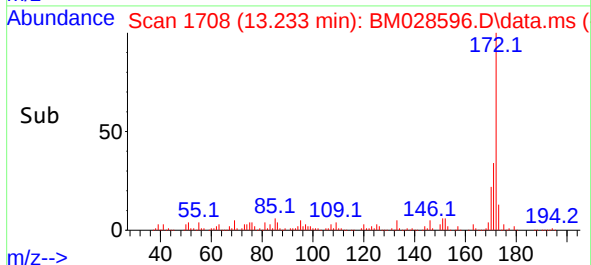
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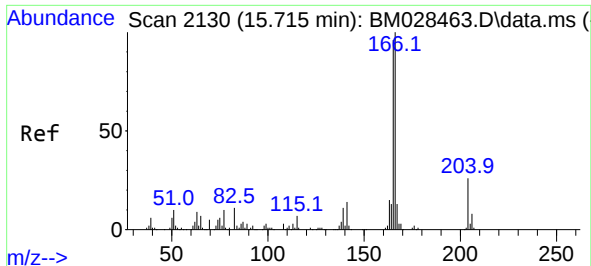


#45
2-Fluorobiphenyl
Concen: 23.76 ng
RT: 13.233 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22



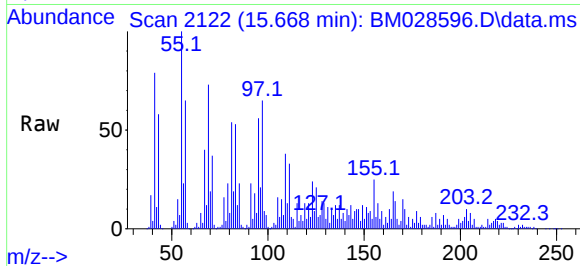
Tgt Ion:172 Resp: 151435
Ion Ratio Lower Upper
172 100
171 33.7 27.8 41.8
170 22.4 18.6 27.8





#58
Fluorene
Concen: 3.74 ng
RT: 15.668 min Scan# 2122
Delta R.T. 0.006 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

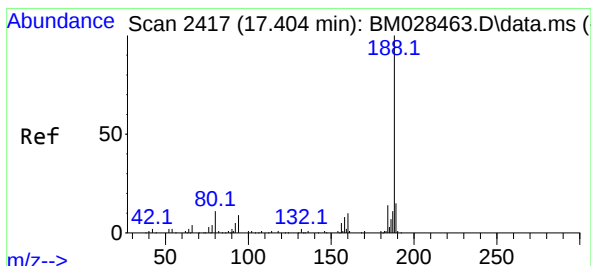
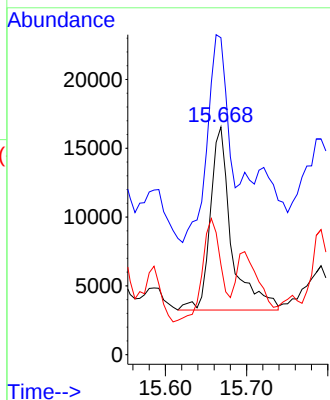
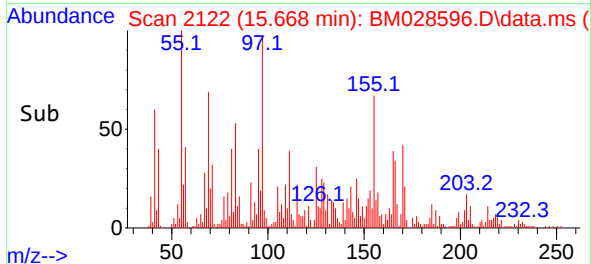
Instrument :
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ClientSampled :
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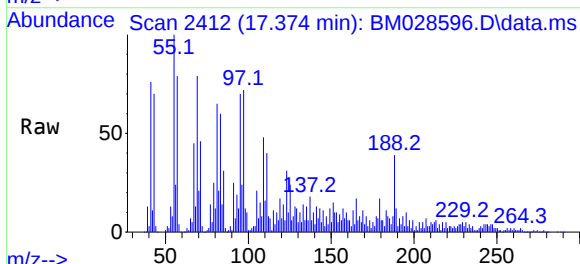
Tgt Ion:166 Resp: 24210
Ion Ratio Lower Upper
166 100
165 139.2 76.2 114.2#
167 39.5 10.7 16.1#

Manual Integrations
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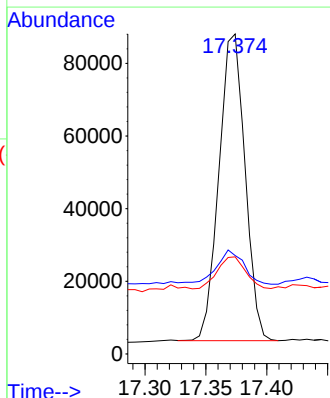
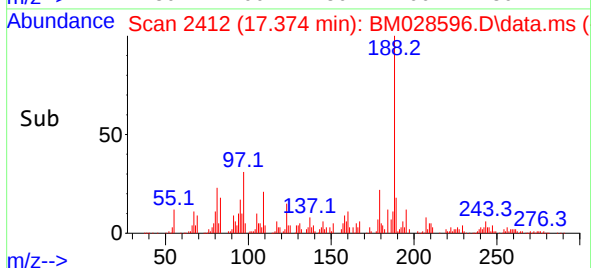
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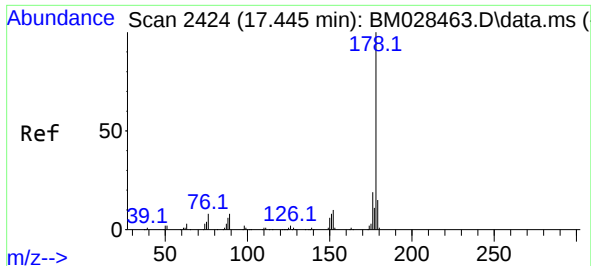


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.374 min Scan# 2412
Delta R.T. 0.023 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22



Tgt Ion:188 Resp: 125921
Ion Ratio Lower Upper
188 100
94 30.8 6.2 9.4#
80 30.4 7.5 11.3#





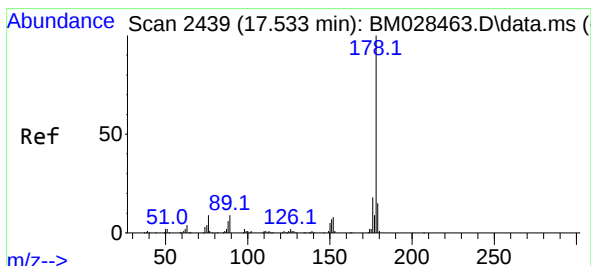
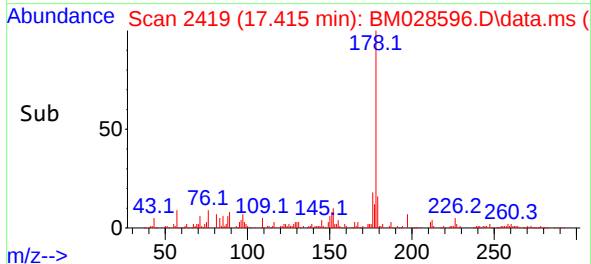
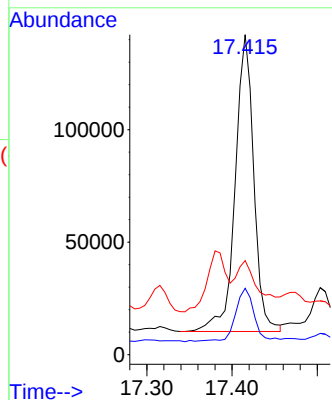
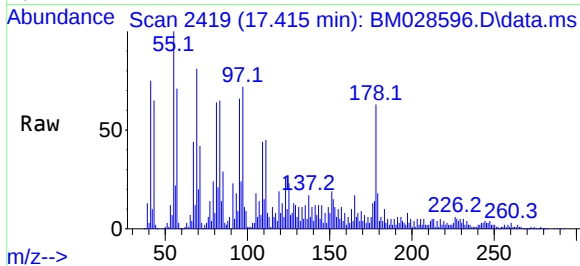
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Phenanthrene
Concen: 25.85 ng
RT: 17.415 min Scan# 2419
Delta R.T. 0.023 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

Tgt Ion:178 Resp: 200168
Ion Ratio Lower Upper
178 100
176 20.7 15.0 22.6
179 29.4 12.2 18.4#

Instrument :
BNA_M
ClientSampled :
VNJ-229

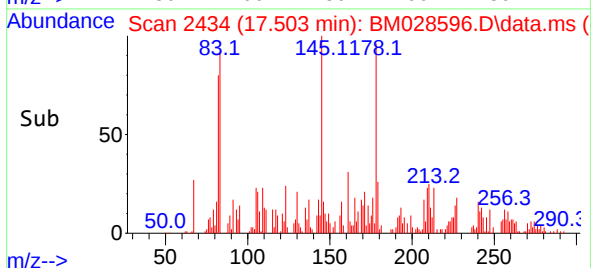
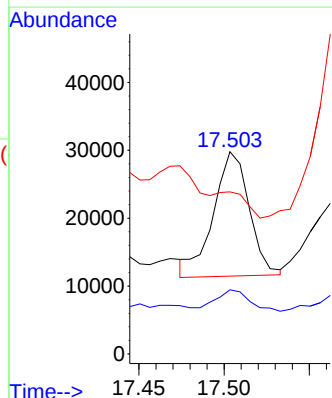
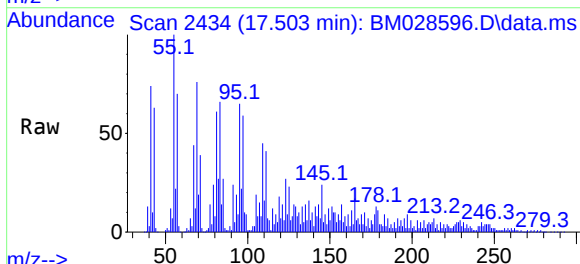
Manual Integrations
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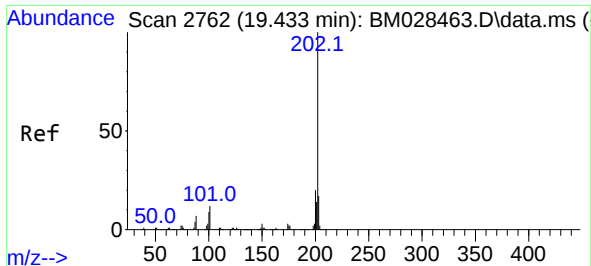
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#72
Anthracene
Concen: 3.59 ng
RT: 17.503 min Scan# 2434
Delta R.T. 0.023 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

Tgt Ion:178 Resp: 26862
Ion Ratio Lower Upper
178 100
176 31.8 15.0 22.4#
179 80.2 12.5 18.7#





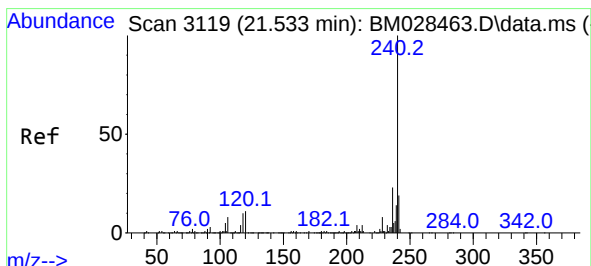
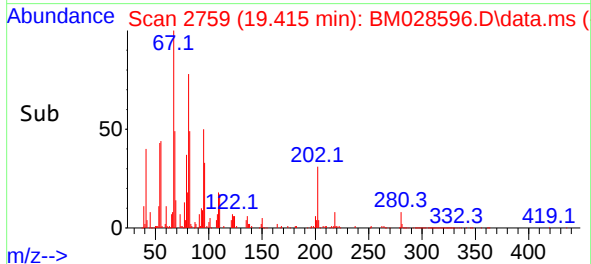
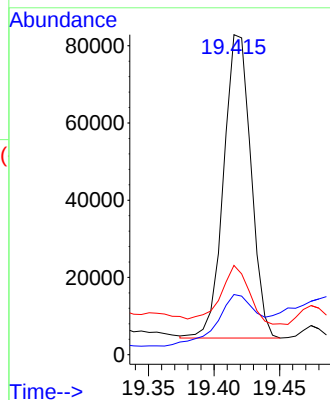
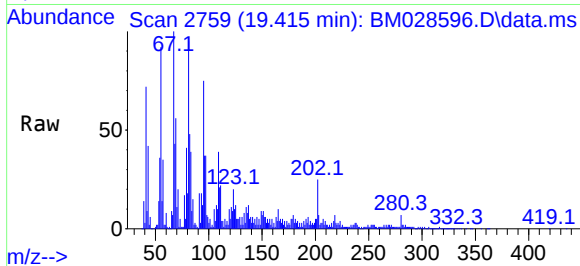
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Fluoranthene
Concen: 13.06 ng
RT: 19.415 min Scan# 2759
Delta R.T. 0.023 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

Tgt Ion:	202	Resp:	113616
Ion Ratio	Lower	Upper	
202	100		
101	18.8	0.0	28.5
203	27.9	0.0	37.3

Instrument :
BNA_M
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VNJ-229

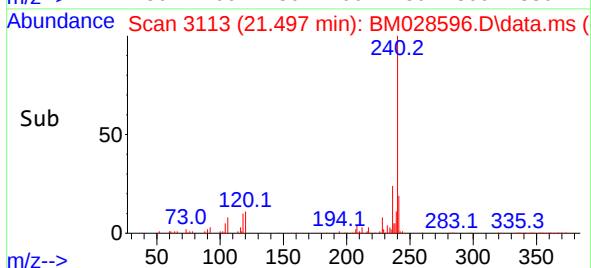
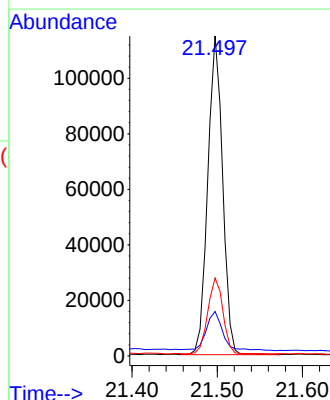
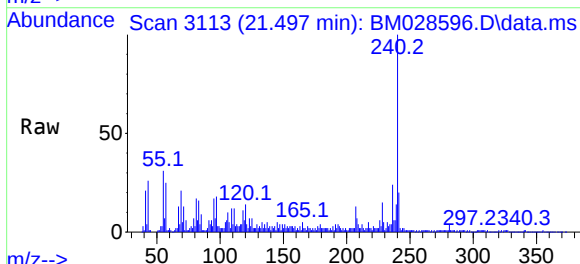
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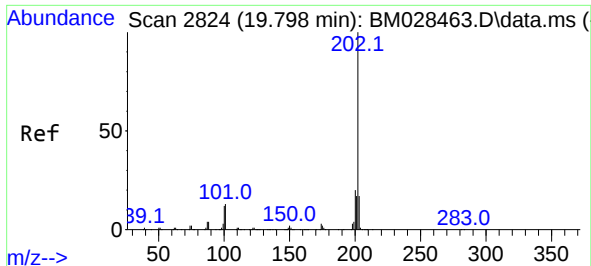
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.497 min Scan# 3113
Delta R.T. 0.012 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

Tgt Ion:	240	Resp:	138703
Ion Ratio	Lower	Upper	
240	100		
120	13.9	6.4	9.6#
236	24.4	20.1	30.1





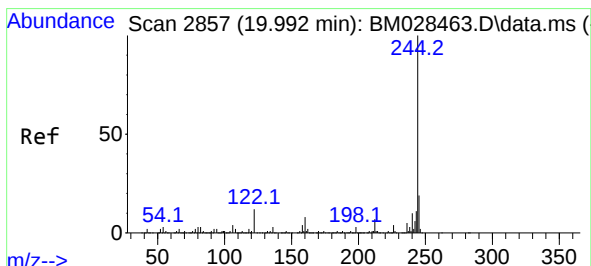
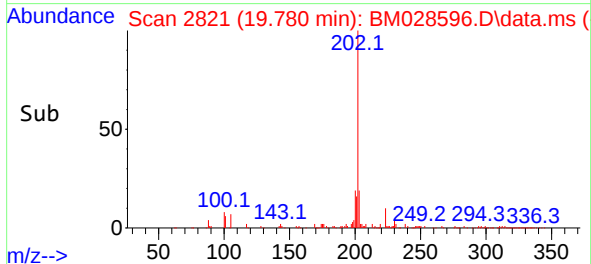
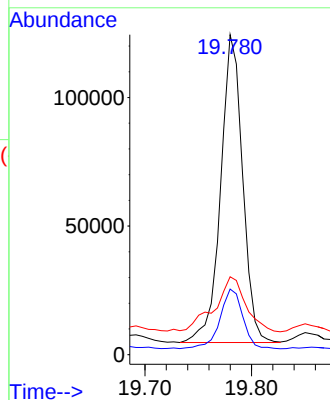
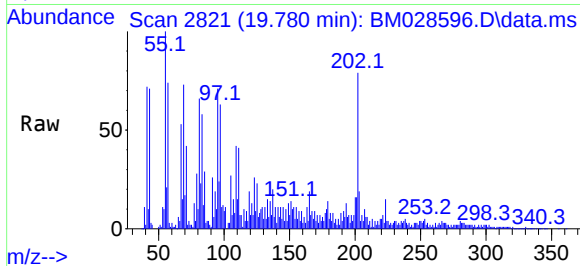
#78
Pyrene
Concen: 17.21 ng
RT: 19.780 min Scan# 2821
Delta R.T. 0.029 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

Tgt Ion:202 Resp: 171155
Ion Ratio Lower Upper
202 100
200 20.5 16.6 24.8
203 24.3 13.8 20.6#

Instrument :
BNA_M
ClientSampleId :
VNJ-229

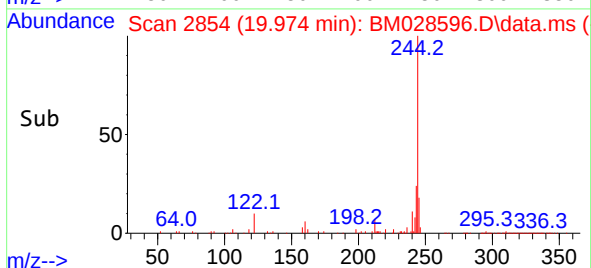
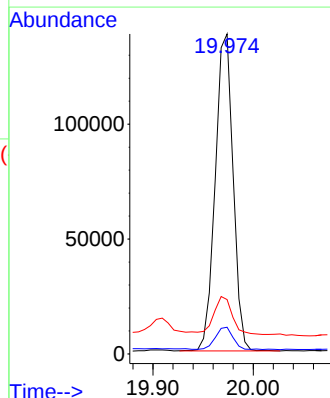
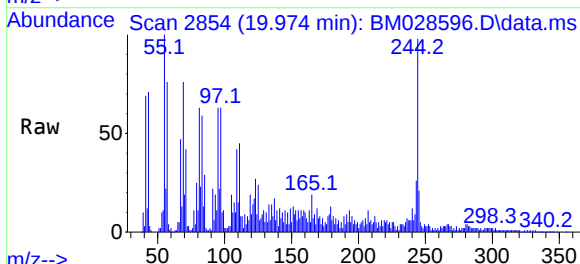
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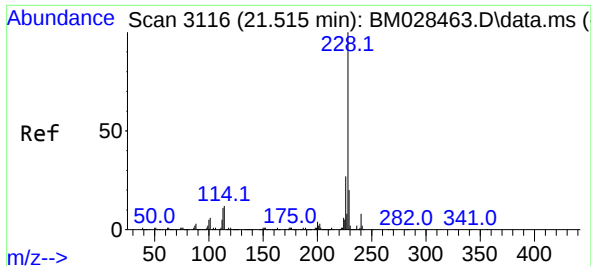
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#79
Terphenyl-d14
Concen: 22.14 ng
RT: 19.974 min Scan# 2854
Delta R.T. 0.029 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

Tgt Ion:244 Resp: 170085
Ion Ratio Lower Upper
244 100
212 8.3 5.8 8.8
122 17.0 6.5 9.7#





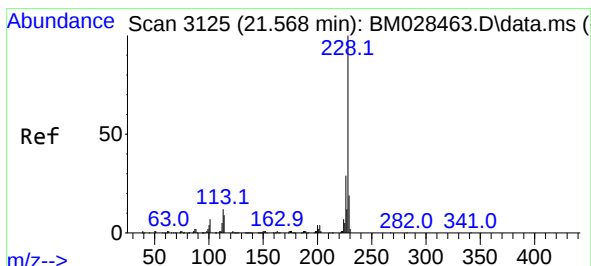
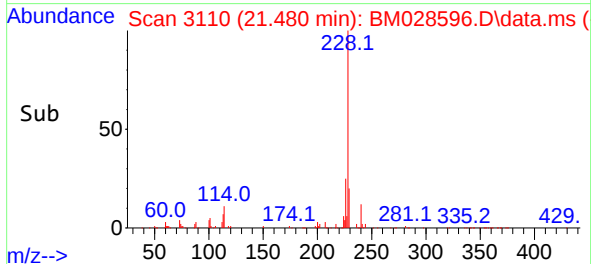
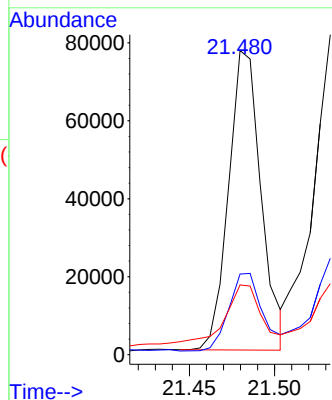
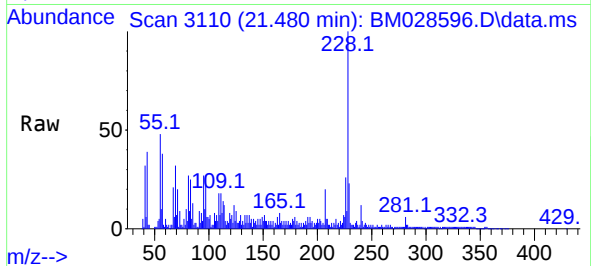
#81
Benzo(a)anthracene
Concen: 10.62 ng
RT: 21.480 min Scan# 3110
Delta R.T. 0.006 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

Tgt Ion:228 Resp: 101688
Ion Ratio Lower Upper
228 100
226 26.5 21.1 31.7
229 22.9 15.7 23.5

Instrument :
BNA_M
ClientSampled :
VNJ-229

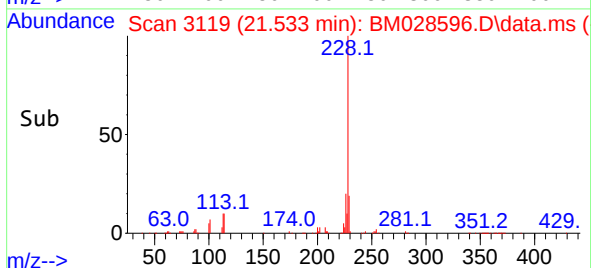
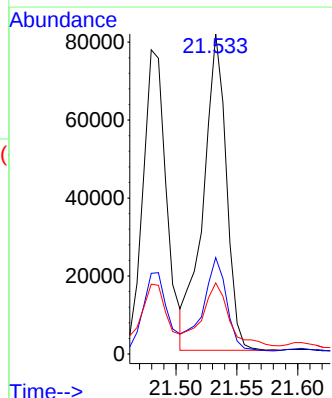
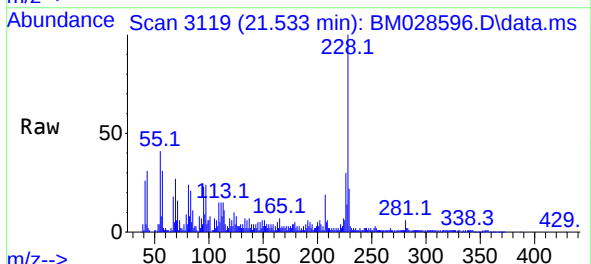
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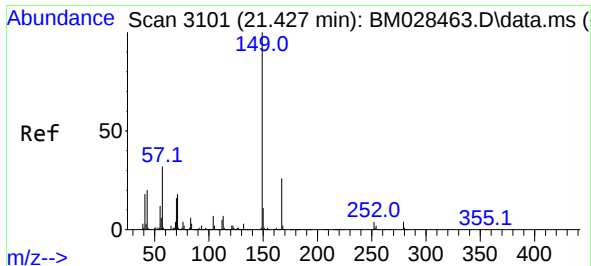
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#83
Chrysene
Concen: 11.67 ng
RT: 21.533 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

Tgt Ion:228 Resp: 107924
Ion Ratio Lower Upper
228 100
226 30.1 23.4 35.0
229 22.2 15.7 23.5





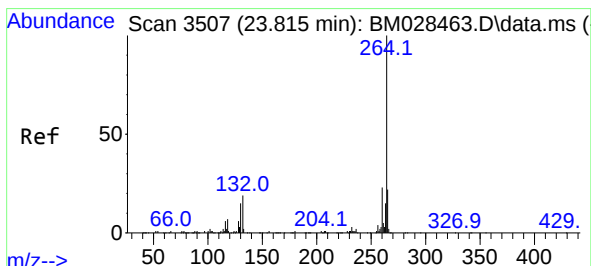
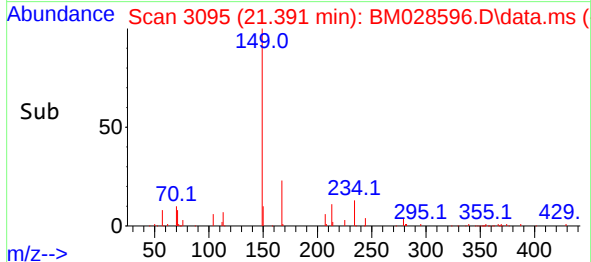
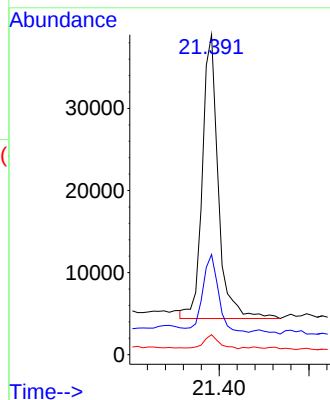
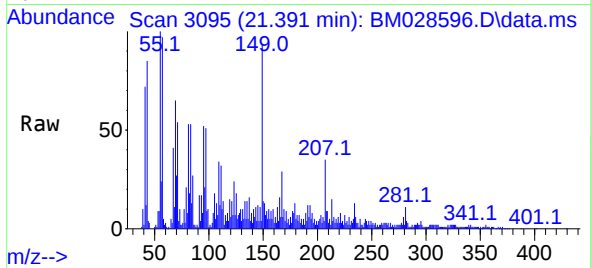
#84
Bis(2-ethylhexyl)phthalate
Concen: 6.85 ng
RT: 21.391 min Scan# 3095
Delta R.T. 0.006 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

Tgt Ion:149 Resp: 42475
Ion Ratio Lower Upper
149 100
167 31.3 22.7 34.1
279 6.2 4.0 6.0#

Instrument :
BNA_M
ClientSampleId :
VNJ-229

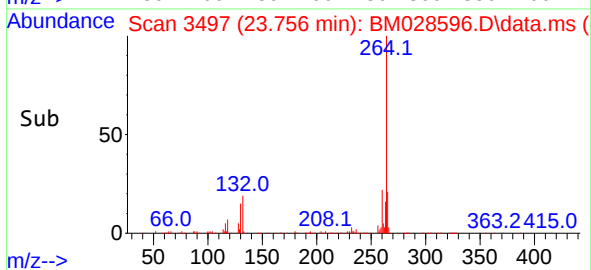
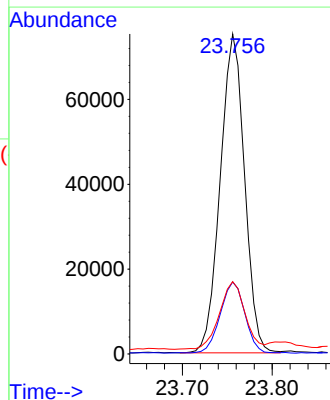
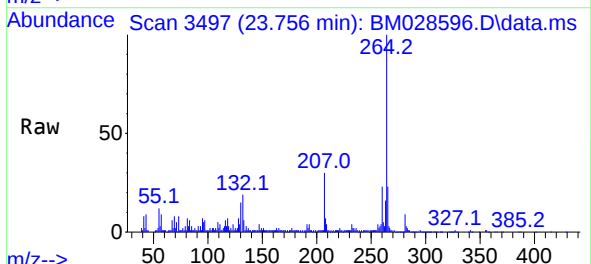
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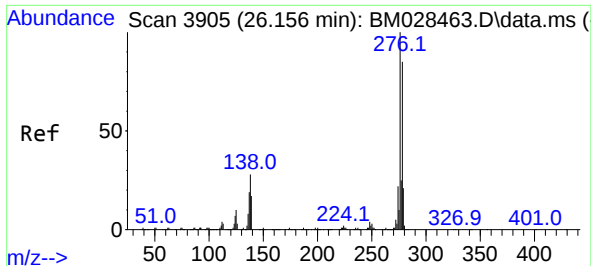
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.756 min Scan# 3497
Delta R.T. 0.006 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

Tgt Ion:264 Resp: 141133
Ion Ratio Lower Upper
264 100
260 22.5 19.0 28.4
265 22.6 17.7 26.5





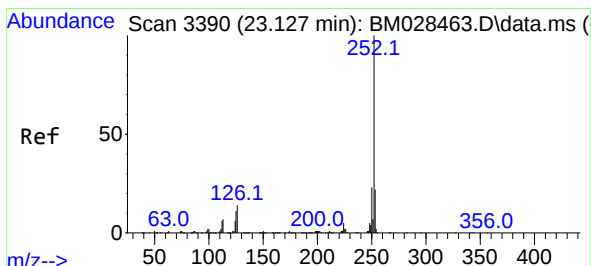
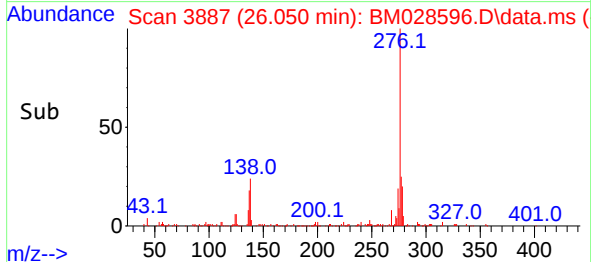
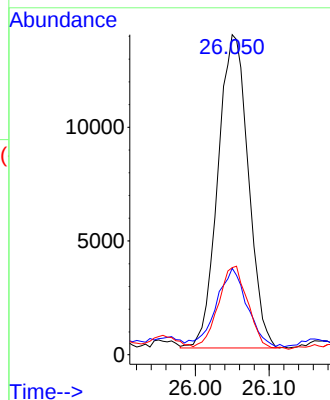
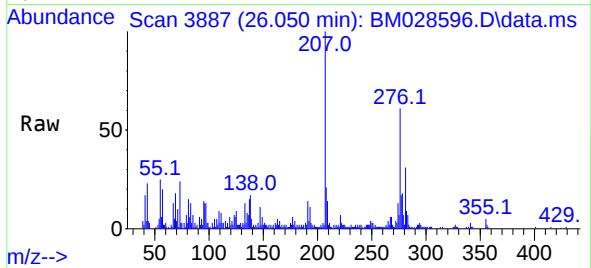
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.75 ng m
RT: 26.050 min Scan# 3887
Delta R.T. -0.018 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

Tgt Ion:276 Resp: 39403
Ion Ratio Lower Upper
276 100
138 2.0 14.2 21.4#
277 2.7 19.8 29.8#

Instrument :
BNA_M
ClientSampled :
VNJ-229

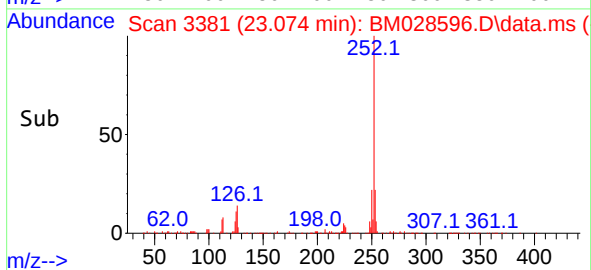
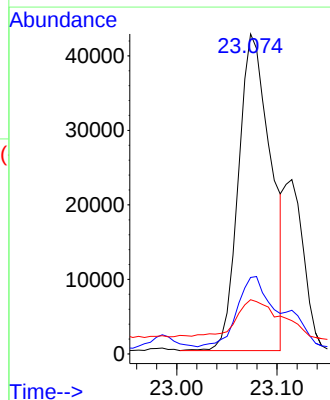
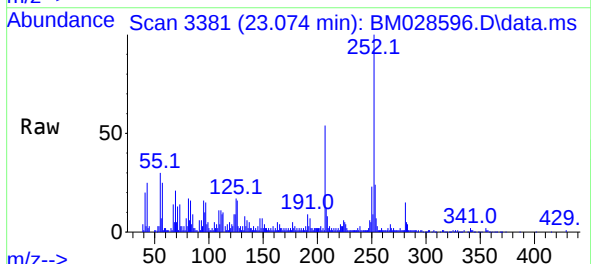
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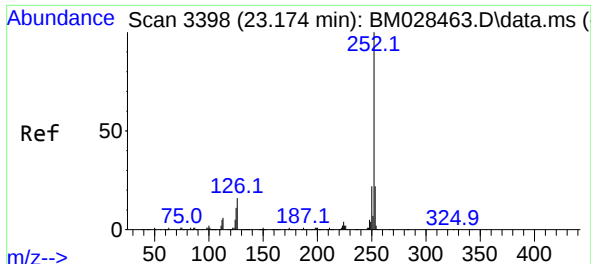
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#88
Benzo(b)fluoranthene
Concen: 9.96 ng
RT: 23.074 min Scan# 3381
Delta R.T. -0.000 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

Tgt Ion:252 Resp: 95393
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.0
125 17.0 5.7 8.5#





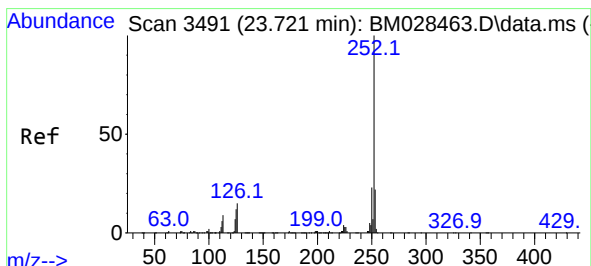
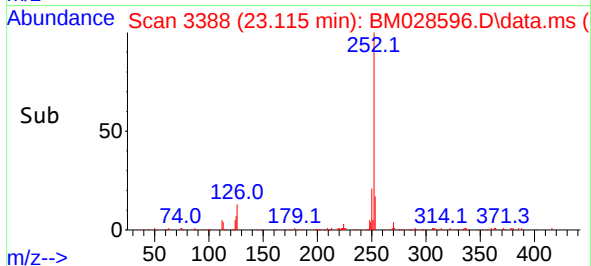
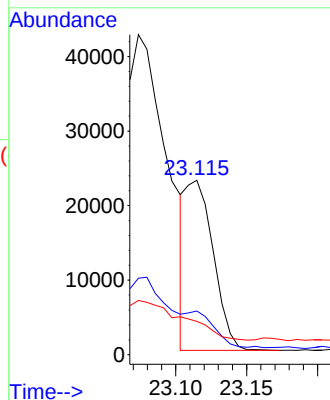
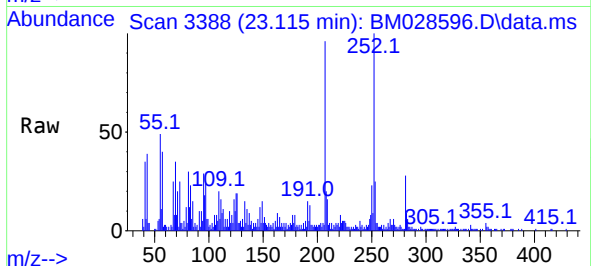
#89
Benzo(k)fluoranthene
Concen: 3.29 ng m
RT: 23.115 min Scan# 3388
Delta R.T. -0.000 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

Tgt Ion:252 Resp: 30775
Ion Ratio Lower Upper
252 100
253 25.1 17.4 26.0
125 19.0 5.6 8.4#

Instrument :
BNA_M
ClientSampleId :
VNJ-229

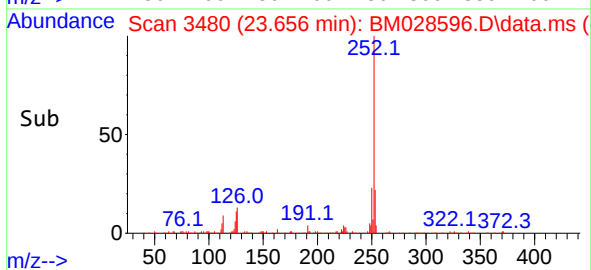
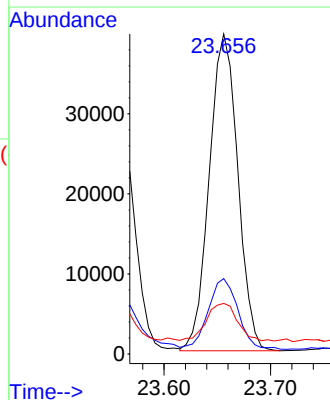
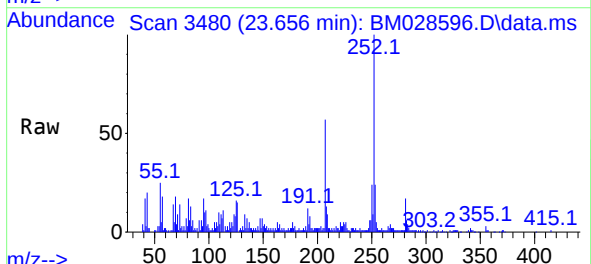
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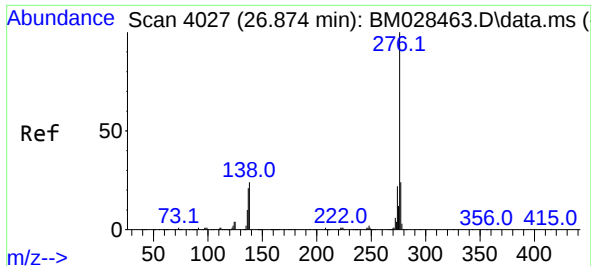
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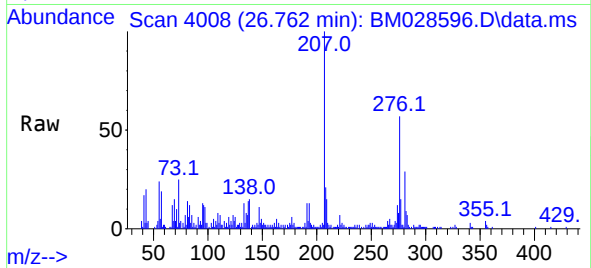
#90
Benzo(a)pyrene
Concen: 8.30 ng
RT: 23.656 min Scan# 3480
Delta R.T. -0.000 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

Tgt Ion:252 Resp: 73718
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.2
125 15.8 6.6 9.8#

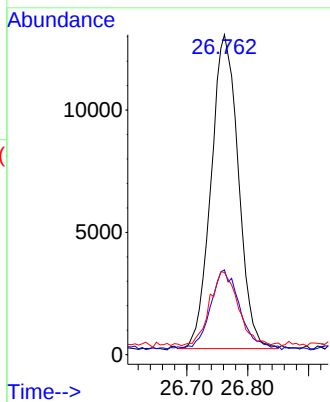
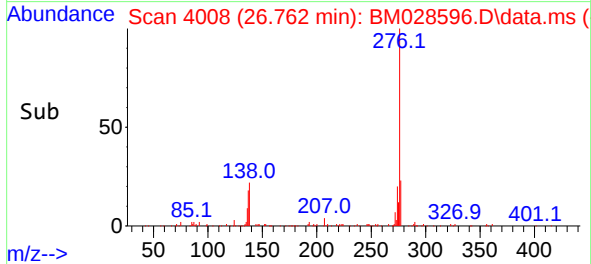




#92
Benzo(g,h,i)perylene
Concen: 4.66 ng
RT: 26.762 min Scan# 4008
Delta R.T. -0.012 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22



Tgt Ion: 276 Resp: 39883
Ion Ratio Lower Upper
276 100
277 26.5 18.6 28.0
138 25.7 12.2 18.2#



Instrument :
BNA_M
ClientSampleId :
VNJ-229

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