

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020421\
 Data File : BM028657.D
 Acq On : 04 Feb 2021 16:53
 Operator : CG/JU
 Sample : M1291-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OU421-008-0205

Quant Time: Feb 04 17:24:44 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 16:19:07 2021
 Response via : Initial Calibration

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

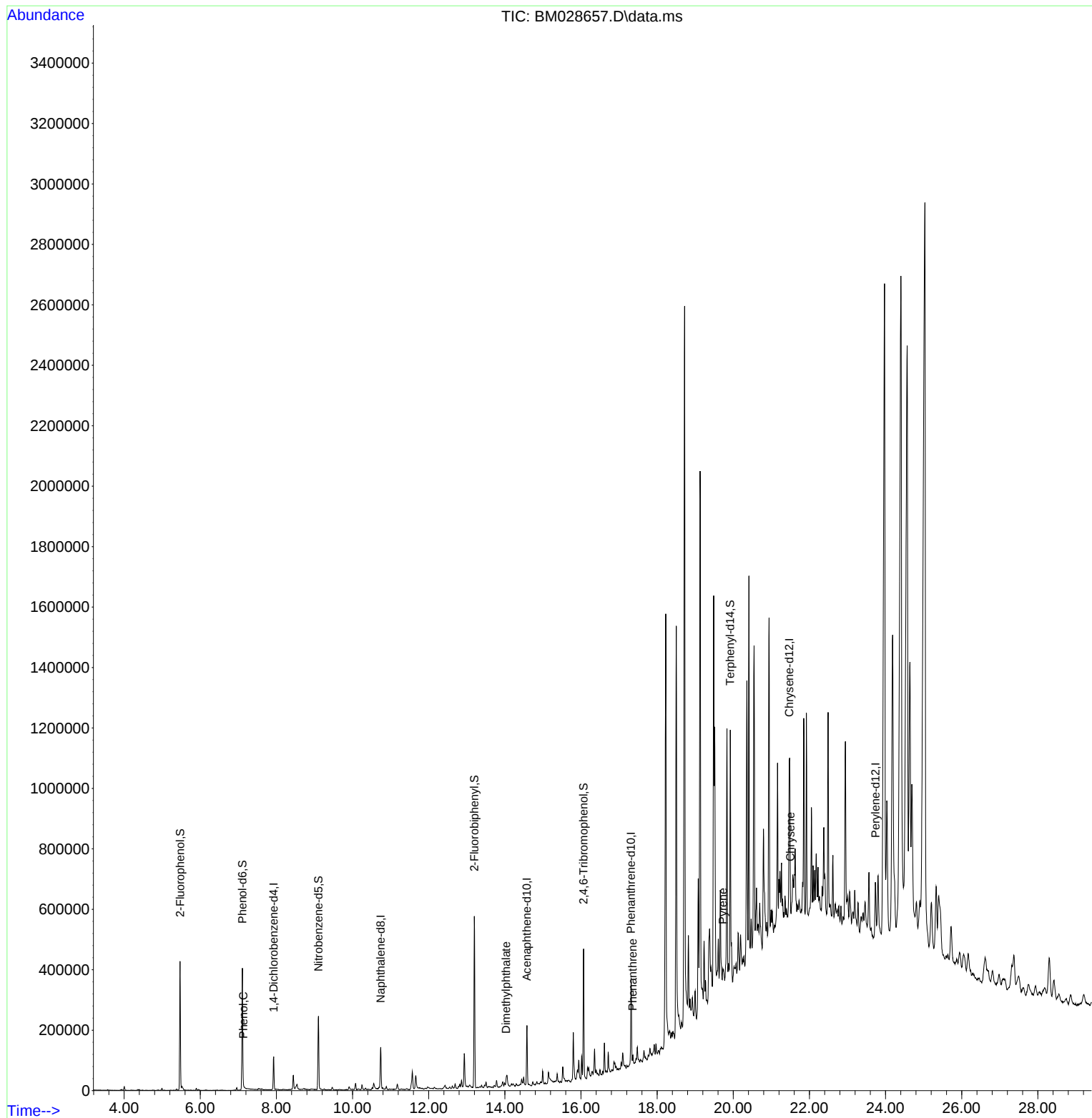
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	29250	20.00	ng	0.00
21) Naphthalene-d8	10.739	136	112184	20.00	ng	# 0.00
39) Acenaphthene-d10	14.580	164	62913	20.00	ng	0.00
64) Phenanthrene-d10	17.315	188	117839	20.00	ng	# 0.00
76) Chrysene-d12	21.468	240	110321	20.00	ng	# 0.00
86) Perylene-d12	23.733	264	115537	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	176521	95.33	ng	-0.01
7) Phenol-d6	7.104	99	218242	86.56	ng	-0.02
23) Nitrobenzene-d5	9.104	82	133164	56.30	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	73473	88.14	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	281459	56.13	ng	-0.01
79) Terphenyl-d14	19.921	244	323134	52.89	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.134	94	12918	5.44	ng	85
50) Dimethylphthalate	14.033	163	12620	2.44	ng	# 90
71) Phenanthrene	17.357	178	15804	2.18	ng	96
78) Pyrene	19.727	202	22046	2.79	ng	# 72
83) Chrysene	21.503	228	19694	2.68	ng	# 74

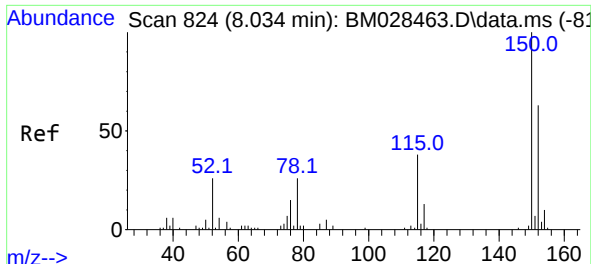
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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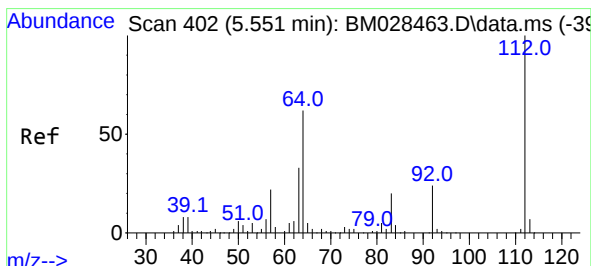
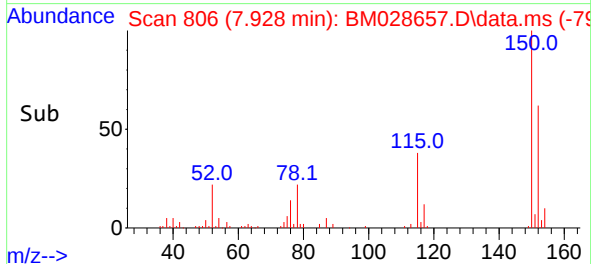
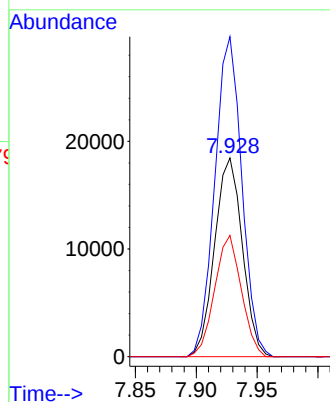
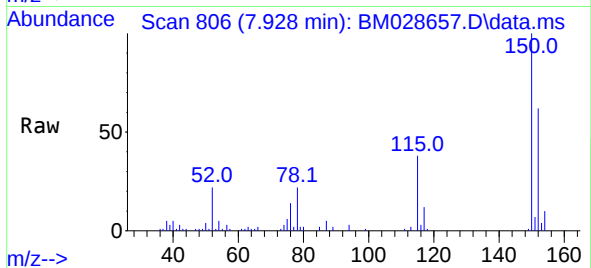




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.928 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM028657.D
Acq: 04 Feb 2021 16:53

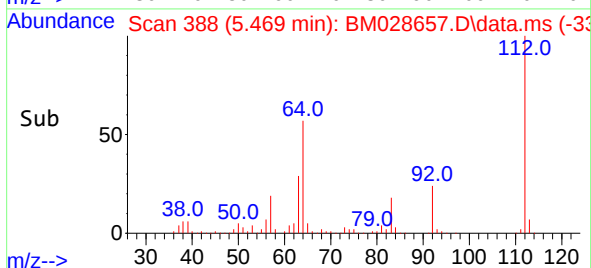
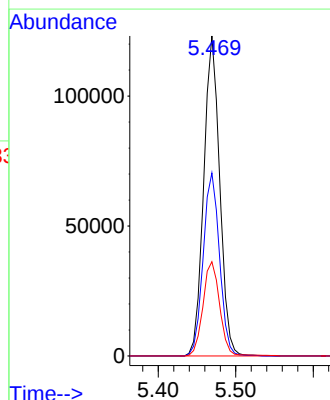
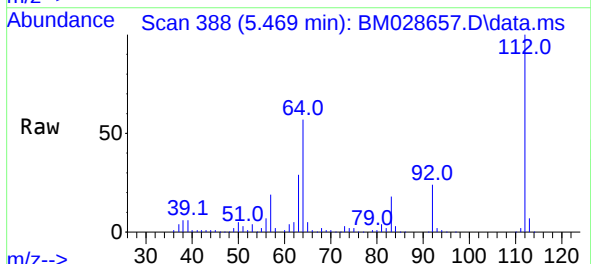
Instrument :
BNA_M
ClientSampleId :
OU421-008-0205

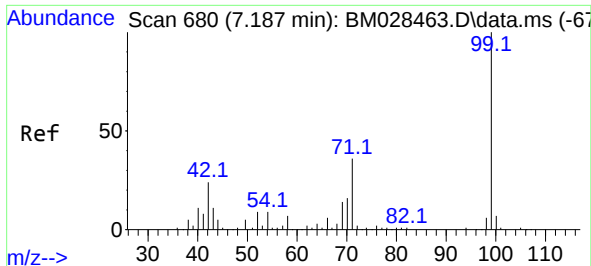
Tgt Ion:152 Resp: 29250
Ion Ratio Lower Upper
152 100
150 161.0 120.6 181.0
115 61.1 47.2 70.8



#5
2-Fluorophenol
Concen: 95.33 ng
RT: 5.469 min Scan# 388
Delta R.T. -0.012 min
Lab File: BM028657.D
Acq: 04 Feb 2021 16:53

Tgt Ion:112 Resp: 176521
Ion Ratio Lower Upper
112 100
64 57.2 50.6 76.0
63 29.5 31.0 46.6#

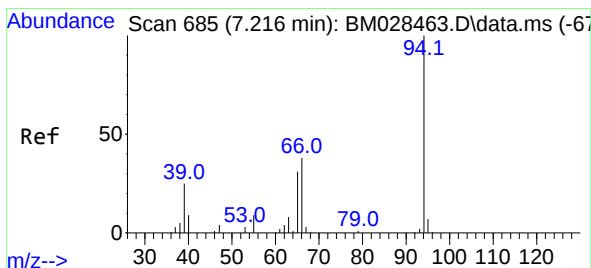
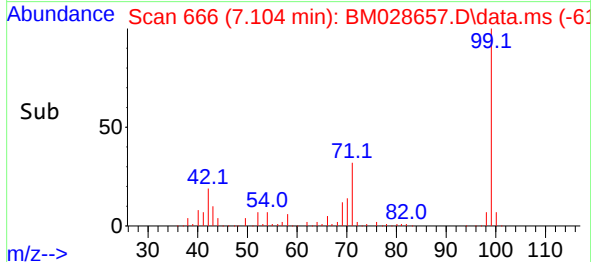
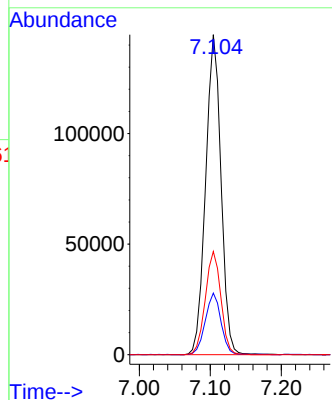
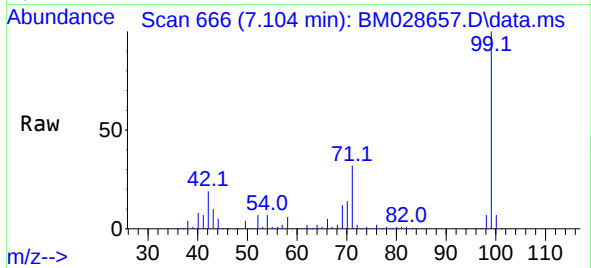




#7
Phenol-d6
Concen: 86.56 ng
RT: 7.104 min Scan# 666
Delta R.T. -0.018 min
Lab File: BM028657.D
Acq: 04 Feb 2021 16:53

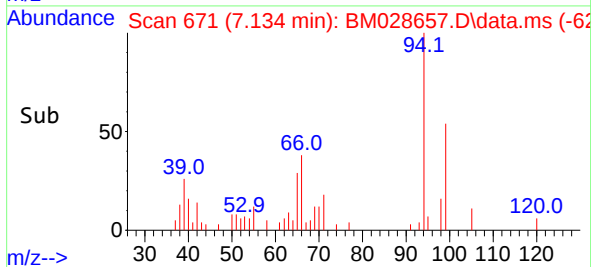
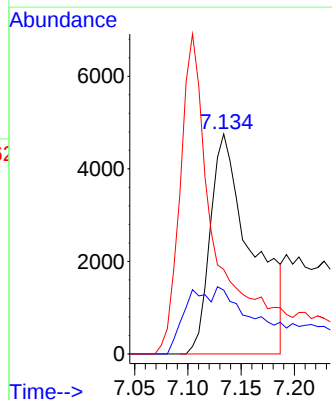
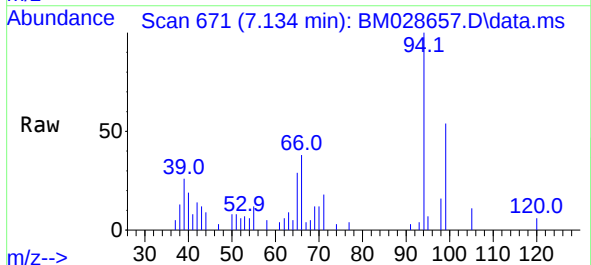
Instrument :
BNA_M
ClientSampleId :
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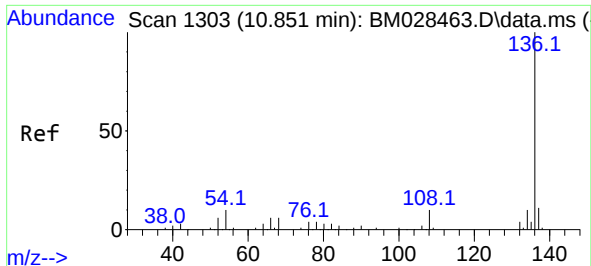
Tgt Ion: 99 Resp: 218242
Ion Ratio Lower Upper
99 100
42 19.3 13.5 20.3
71 32.2 39.4 59.0#



#10
Phenol
Concen: 5.44 ng
RT: 7.134 min Scan# 671
Delta R.T. -0.012 min
Lab File: BM028657.D
Acq: 04 Feb 2021 16:53

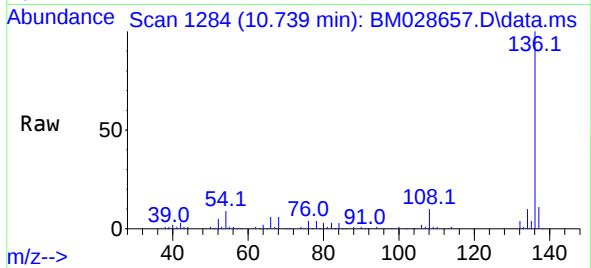
Tgt Ion: 94 Resp: 12918
Ion Ratio Lower Upper
94 100
65 29.0 16.4 56.4
66 38.4 30.2 70.2





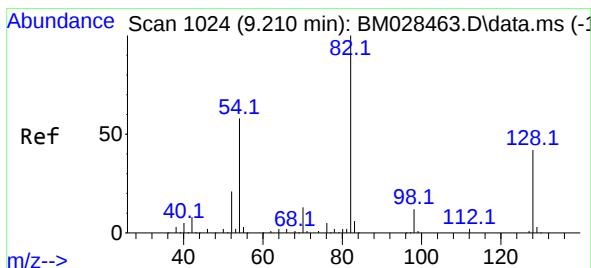
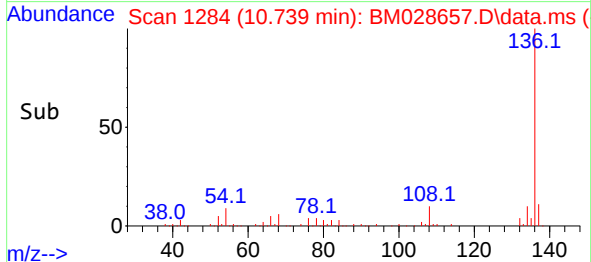
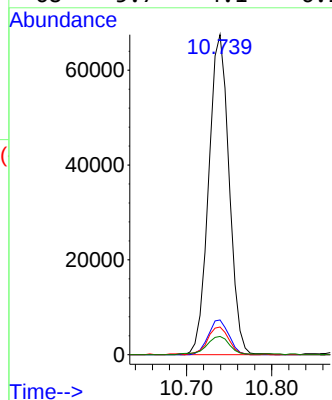
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BM028657.D
Acq: 04 Feb 2021 16:53

Instrument :
BNA_M
ClientSampleId :
OU421-008-0205

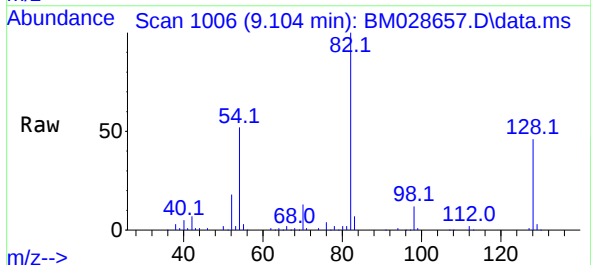


Tgt Ion: 136 Resp: 112184

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	8.6	4.6	7.0#
68	5.7	4.1	6.1

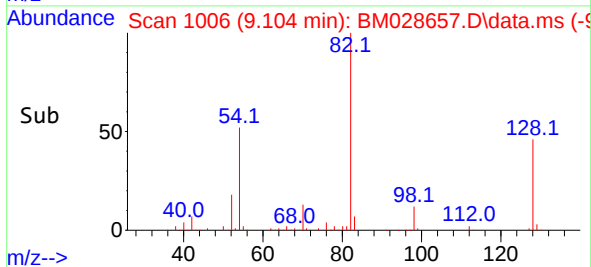
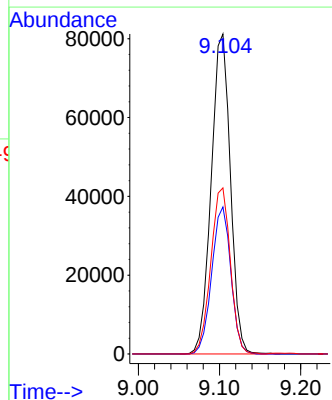


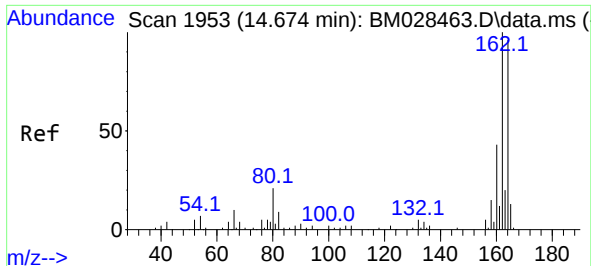
#23
Nitrobenzene-d5
Concen: 56.30 ng
RT: 9.104 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BM028657.D
Acq: 04 Feb 2021 16:53



Tgt Ion: 82 Resp: 133164

Ion	Ratio	Lower	Upper
82	100		
128	46.0	27.4	41.0#
54	51.9	31.4	47.0#

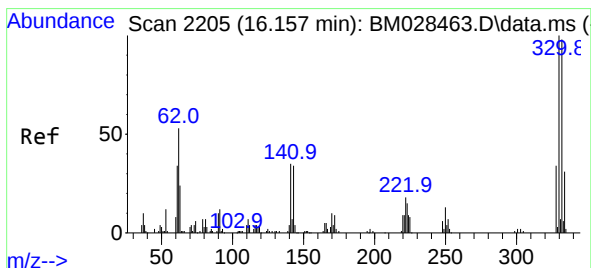
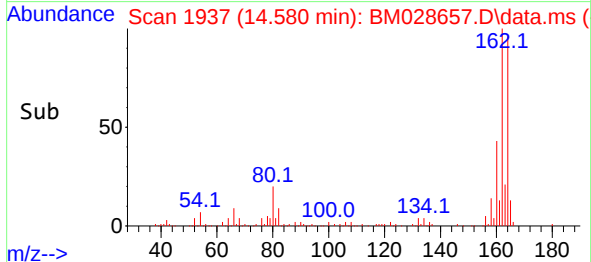
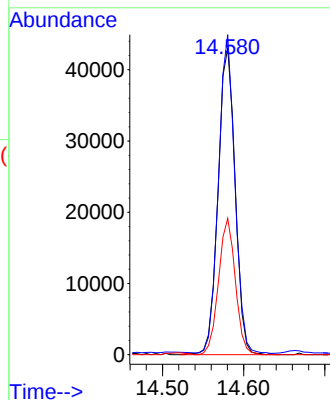
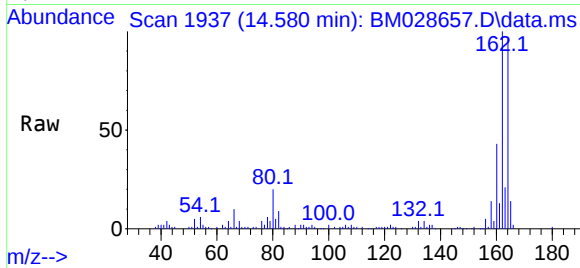




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.580 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM028657.D
Acq: 04 Feb 2021 16:53

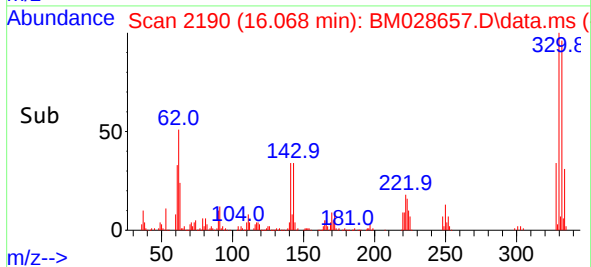
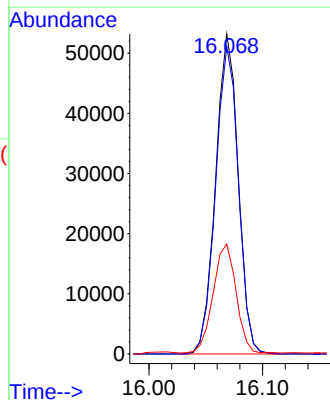
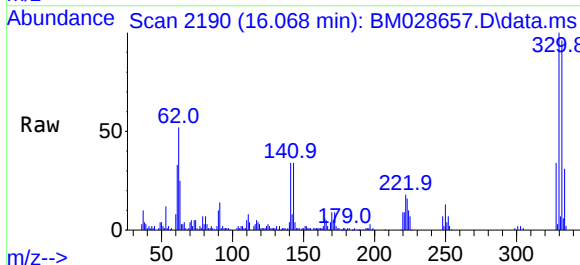
Instrument :
BNA_M
ClientSampleId :
OU421-008-0205

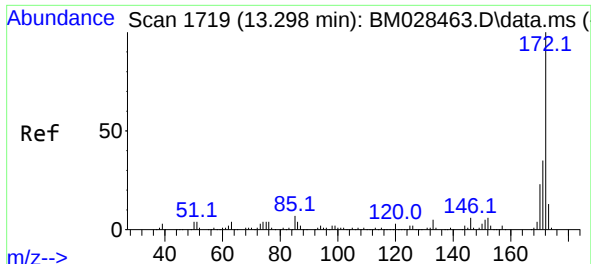
Tgt Ion:164	Resp:	62913
Ion Ratio	Lower	Upper
164	100	
162	104.4	80.4 120.6
160	44.5	35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 88.14 ng
RT: 16.068 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM028657.D
Acq: 04 Feb 2021 16:53

Tgt Ion:330	Resp:	73473
Ion Ratio	Lower	Upper
330	100	
332	96.9	77.8 116.8
141	35.0	28.4 42.6

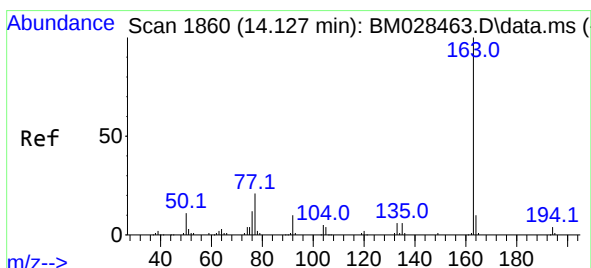
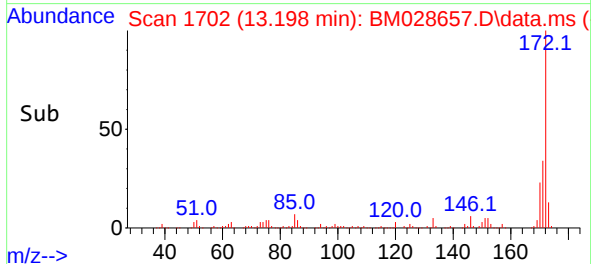
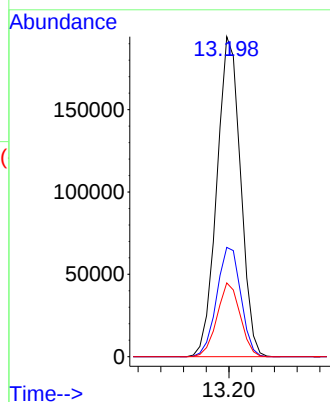
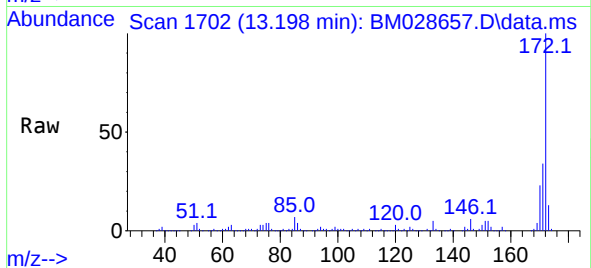




#45
2-Fluorobiphenyl
Concen: 56.13 ng
RT: 13.198 min Scan# 1702
Delta R.T. -0.012 min
Lab File: BM028657.D
Acq: 04 Feb 2021 16:53

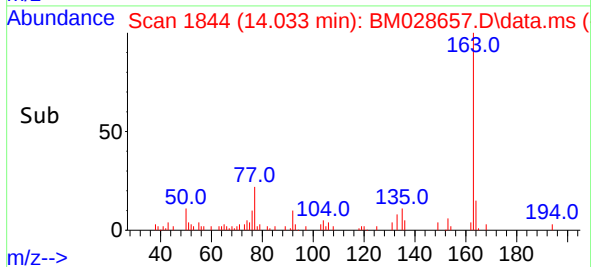
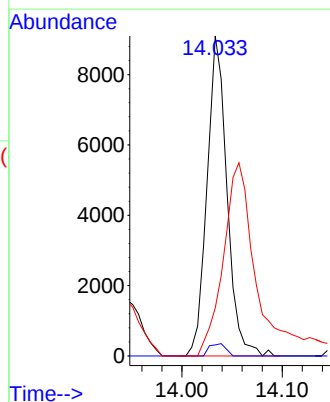
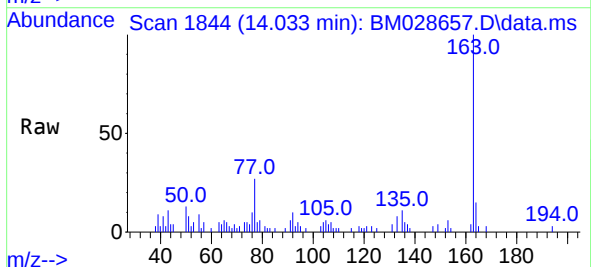
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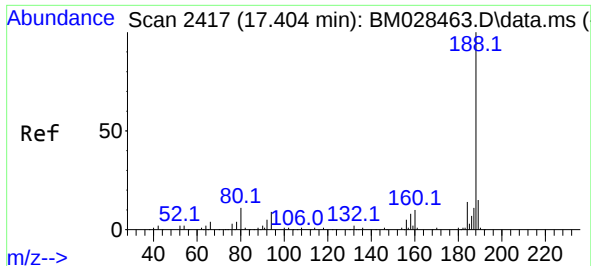
Tgt Ion:	172	Resp:	281459
Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.8	41.8
170	23.0	18.6	27.8



#50
Dimethylphthalate
Concen: 2.44 ng
RT: 14.033 min Scan# 1844
Delta R.T. -0.018 min
Lab File: BM028657.D
Acq: 04 Feb 2021 16:53

Tgt Ion:	163	Resp:	12620
Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.4	5.2
164	15.0	8.1	12.1#

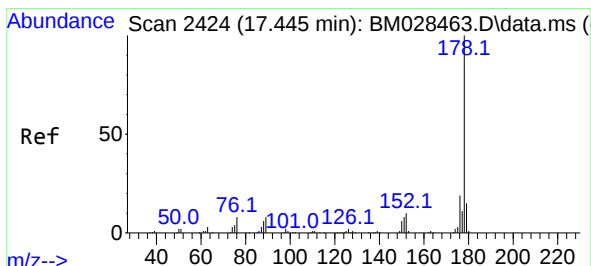
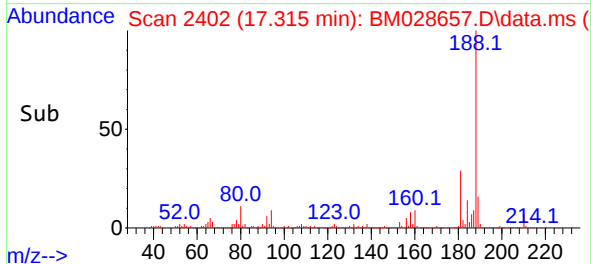
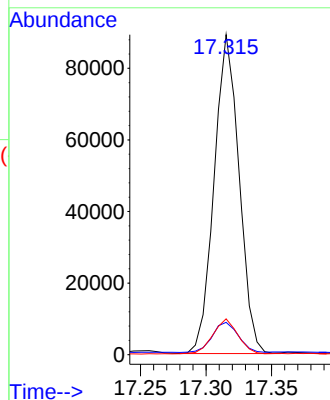
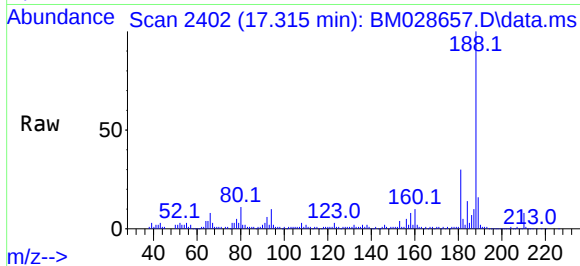




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.315 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM028657.D
Acq: 04 Feb 2021 16:53

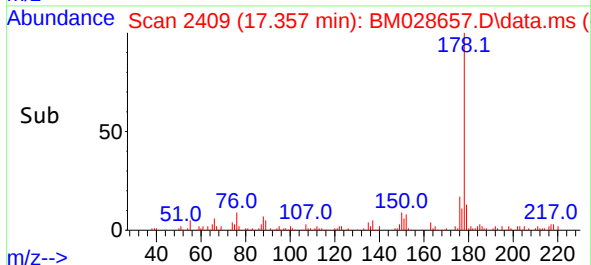
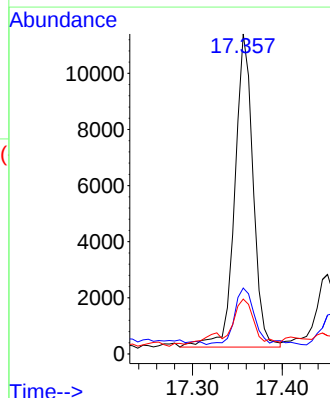
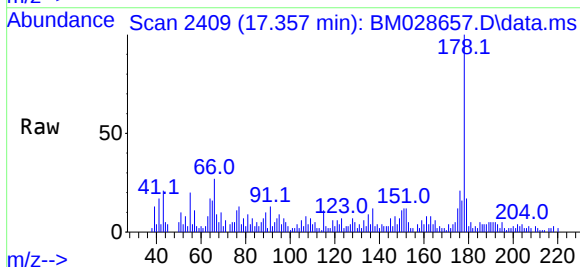
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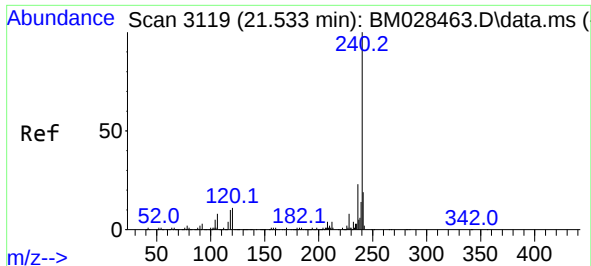
Tgt Ion:188 Resp: 117839
Ion Ratio Lower Upper
188 100
94 10.1 6.2 9.4#
80 11.2 7.5 11.3



#71
Phenanthrene
Concen: 2.18 ng
RT: 17.357 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM028657.D
Acq: 04 Feb 2021 16:53

Tgt Ion:178 Resp: 15804
Ion Ratio Lower Upper
178 100
176 20.6 15.0 22.6
179 17.2 12.2 18.4

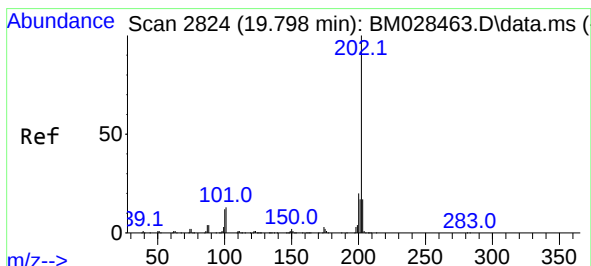
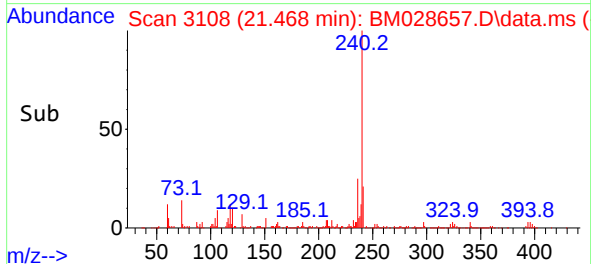
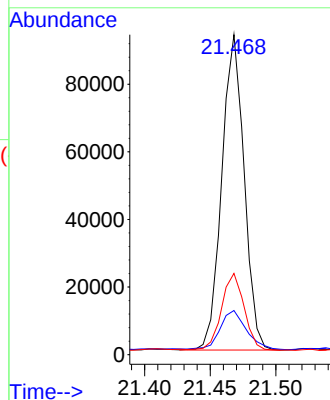
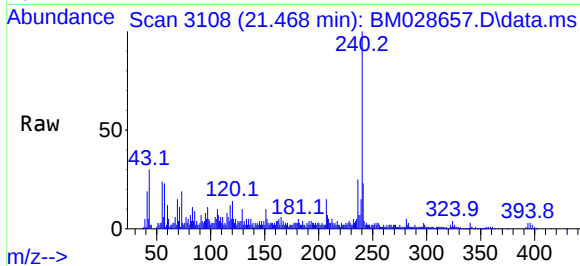




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.468 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BM028657.D
Acq: 04 Feb 2021 16:53

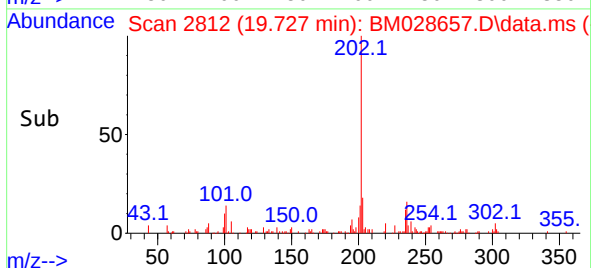
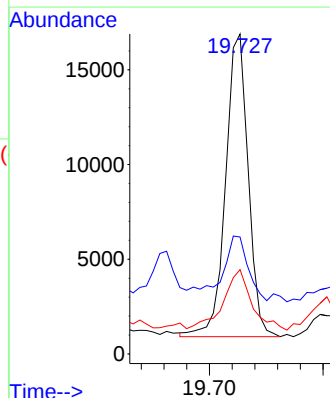
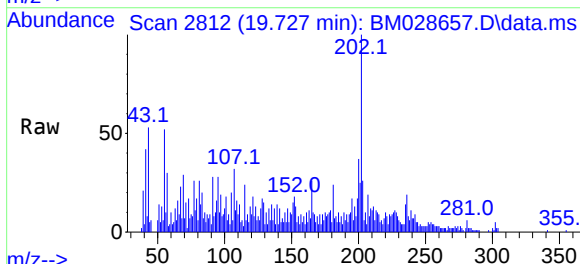
Instrument :
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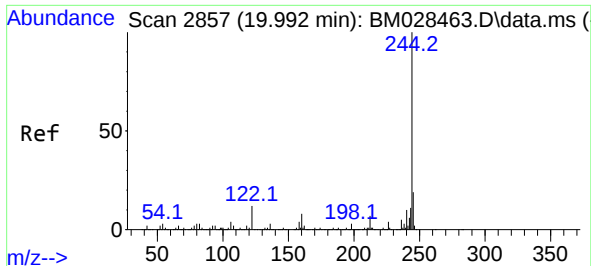
Tgt Ion:240 Resp: 110321
Ion Ratio Lower Upper
240 100
120 13.8 6.4 9.6#
236 25.4 20.1 30.1



#78
Pyrene
Concen: 2.79 ng
RT: 19.727 min Scan# 2812
Delta R.T. -0.000 min
Lab File: BM028657.D
Acq: 04 Feb 2021 16:53

Tgt Ion:202 Resp: 22046
Ion Ratio Lower Upper
202 100
200 36.6 16.6 24.8#
203 26.4 13.8 20.6#

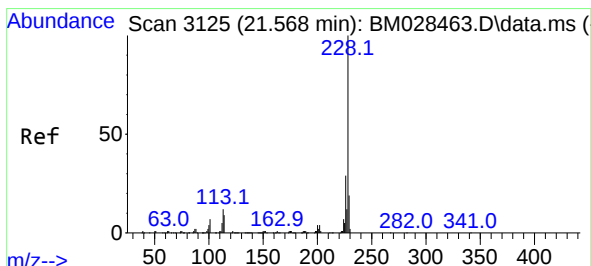
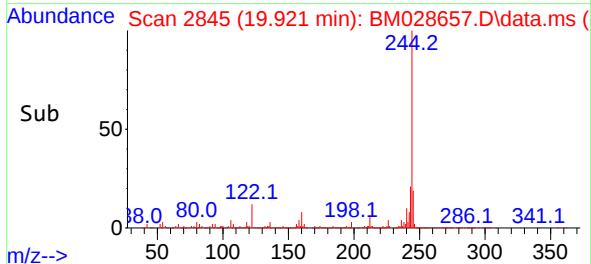
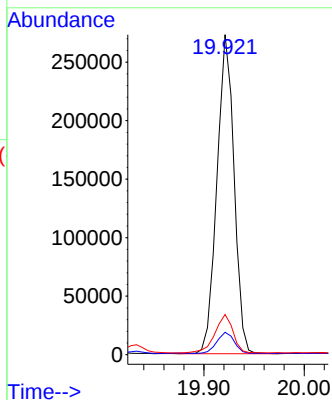
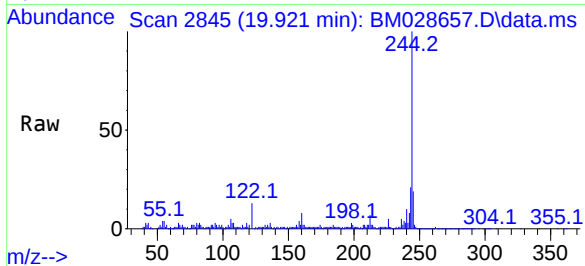




#79
Terphenyl-d14
Concen: 52.89 ng
RT: 19.921 min Scan# 2845
Delta R.T. -0.000 min
Lab File: BM028657.D
Acq: 04 Feb 2021 16:53

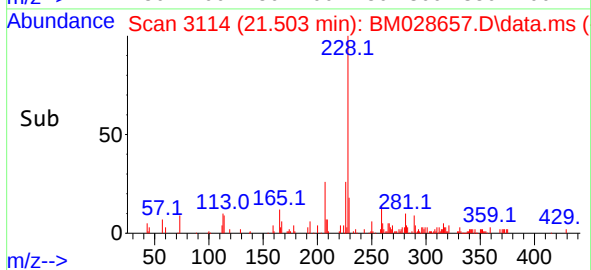
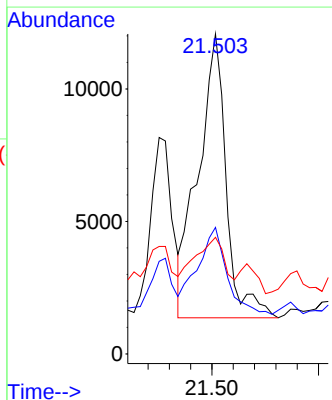
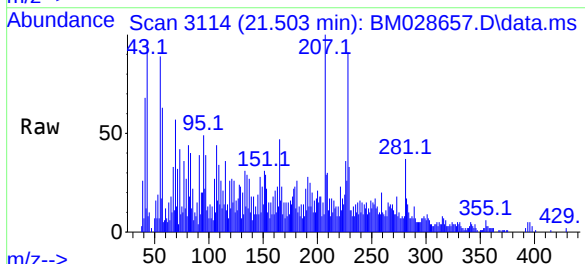
Instrument :
BNA_M
ClientSampleId :
OU421-008-0205

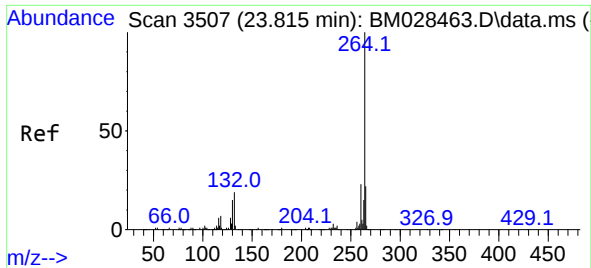
Tgt Ion:244 Resp: 323134
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 12.6 6.5 9.7#



#83
Chrysene
Concen: 2.68 ng
RT: 21.503 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM028657.D
Acq: 04 Feb 2021 16:53

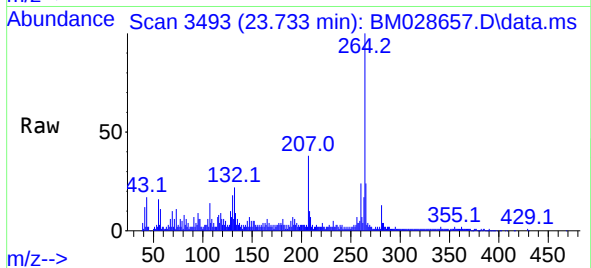
Tgt Ion:228 Resp: 19694
Ion Ratio Lower Upper
228 100
226 39.5 23.4 35.0#
229 36.5 15.7 23.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.733 min Scan# 3493
 Delta R.T. 0.006 min
 Lab File: BM028657.D
 Acq: 04 Feb 2021 16:53

Instrument :
 BNA_M
 ClientSampleId :
 OU421-008-0205



Tgt Ion:264 Resp: 115537
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 23.9 17.7 26.5

