

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
 Data File : BM030555.D
 Acq On : 23 Jun 2021 16:15
 Operator : CG/JU
 Sample : M2662-11DL 10X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDF5DL

Manual Integrations
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mohammad
 6/24/2021 9:49:45 AM

Quant Time: Jun 23 16:46:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 22 15:07:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	192145	20.000	ng/ul	0.00
20) Naphthalene-d8	10.592	136	829213	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.433	164	548539	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.174	188	1128451	20.000	ng/ul	0.00
79) Chrysene-d12	21.345	240	949347	20.000	ng/ul	0.00
88) Perylene-d12	23.615	264	839749	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	1868	0.394	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.975	99	23672	1.428	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	16638	1.597	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	20545	1.606	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	18435	1.429	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	8716	1.409	ng/ul	0.00
24) 2-Nitrophenol-d4	9.686	143	8500	1.236	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.233	165	18527	1.406	ng/ul	0.01
31) 4-Chloroaniline-d4	10.745	131	17056	0.928	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	64214	1.695	ng/ul	0.00
49) Acenaphthylene-d8	14.127	160	73823	1.502	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.427	176	60323	1.796	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	2491	0.337	ng/ul	0.00
73) Anthracene-d10	17.274	188	94205	1.789	ng/ul	0.00
81) Pyrene-d10	19.556	212	59330	1.193	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.468	264	24355	0.558	ng/ul	-0.01
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.157	152	53092	1.164	ng/ul#	95
52) Acenaphthene	14.498	153	36986	1.118	ng/ul	98
56) Dibenzofuran	14.833	168	75915	1.645	ng/ul	98
61) Fluorene	15.480	166	106897	2.811	ng/ul	99
72) Phenanthrene	17.215	178	1700170	28.056	ng/ul	99
74) Anthracene	17.309	178	781624	12.615	ng/ul	99
80) Fluoranthene	19.227	202	2531138	41.663	ng/ul	99
82) Pyrene	19.592	202	980705	15.363	ng/ul	98
85) Benzo(a)anthracene	21.327	228	925129	15.703	ng/ul	99
87) Chrysene	21.380	228	680897	11.855	ng/ul	96
90) Benzo(b)fluoranthene	22.933	252	664827	12.470	ng/ul	100
91) Benzo(k)fluoranthene	22.974	252	227201m	4.434	ng/ul	
93) Benzo(a)pyrene	23.515	252	129879	2.709	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	25.909	276	110192	1.826	ng/ul	95
95) Dibenzo(a,h)anthracene	25.915	278	71234	1.424	ng/ul#	91

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

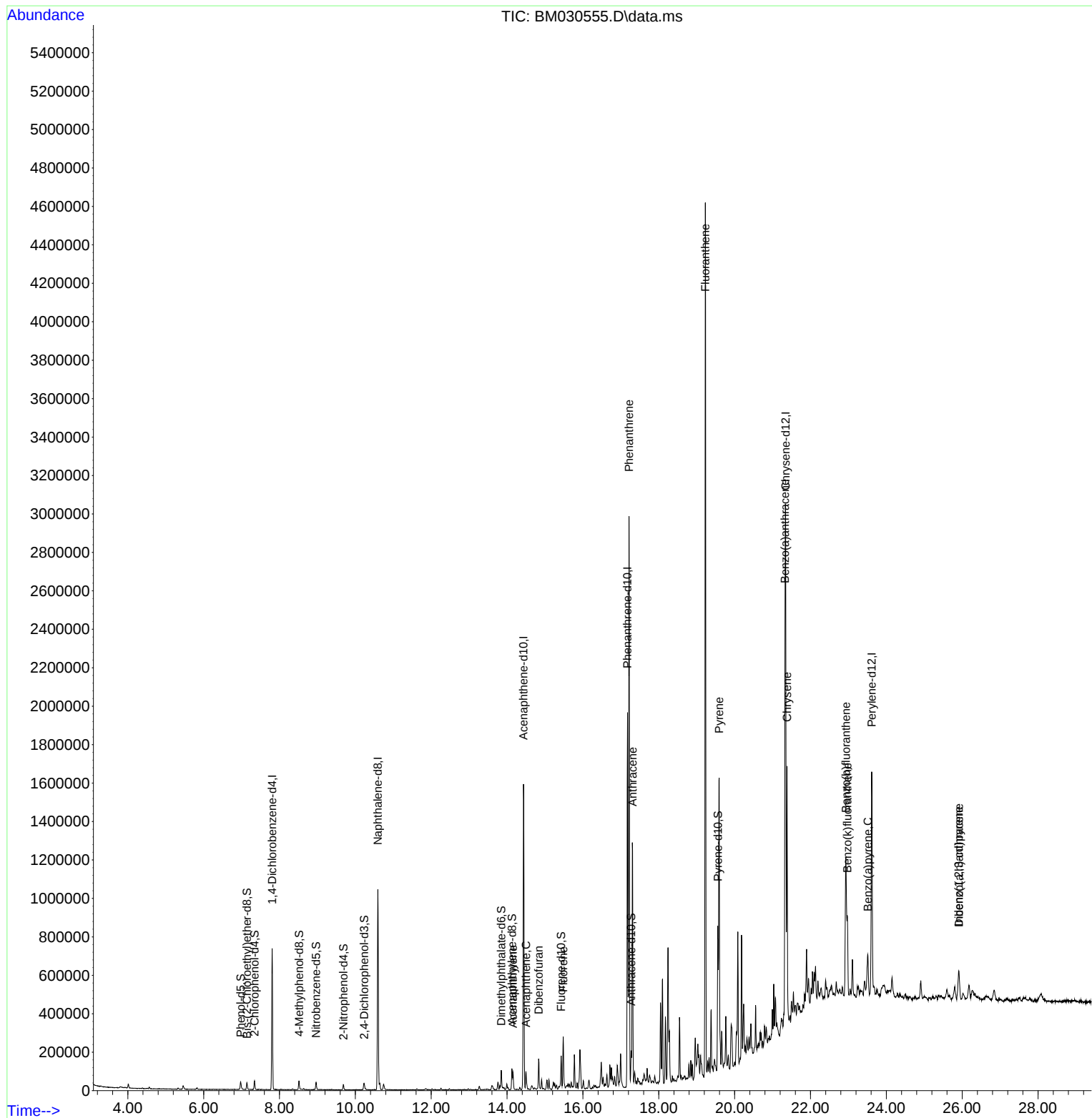
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Data File : BM030555.D
Acq On : 23 Jun 2021 16:15
Operator : CG/JU
Sample : M2662-11DL 10X
Misc :
ALS Vial : 47 Sample Multiplier: 1

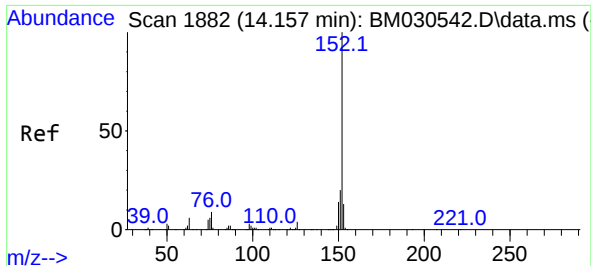
Instrument :
BNA_M
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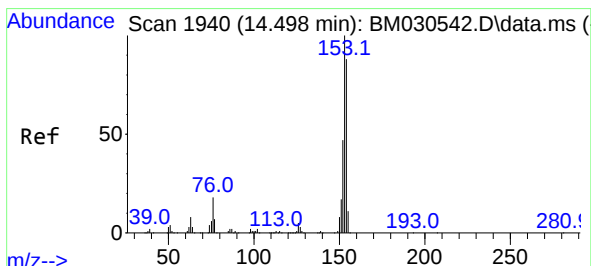
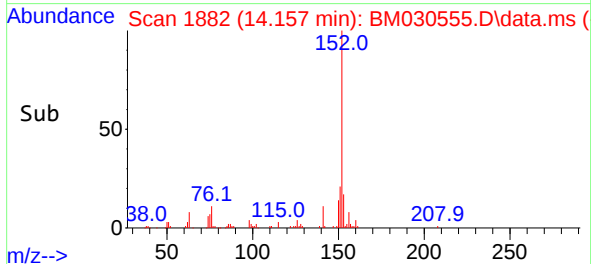
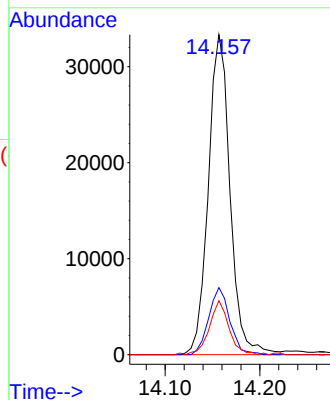
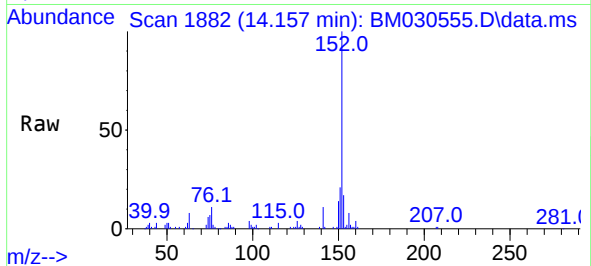
#50
Acenaphthylene
Concen: 1.164 ng/ul
RT: 14.157 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM030555.D
Acq: 23 Jun 2021 16:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.2	24.2
153	16.8	10.2	15.4#

Instrument :
BNA_M
ClientSampleId :
BGDF5DL

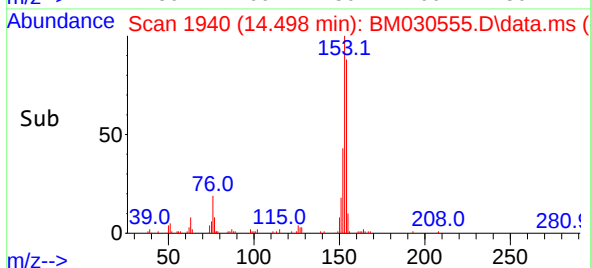
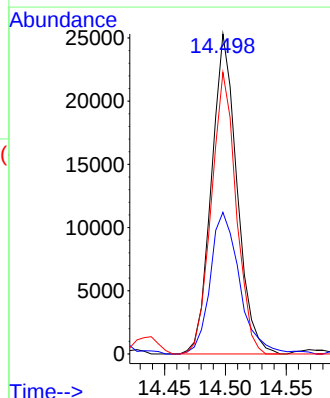
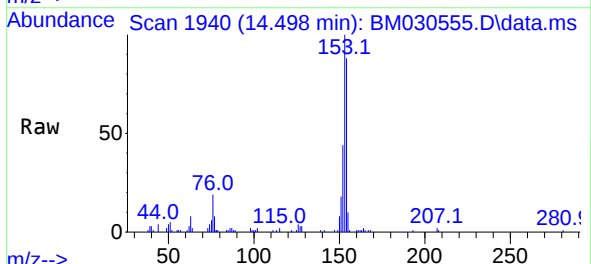
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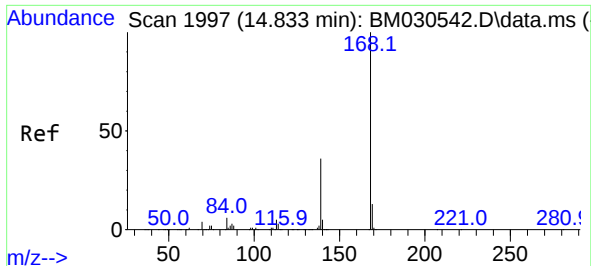
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#52
Acenaphthene
Concen: 1.118 ng/ul
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM030555.D
Acq: 23 Jun 2021 16:15

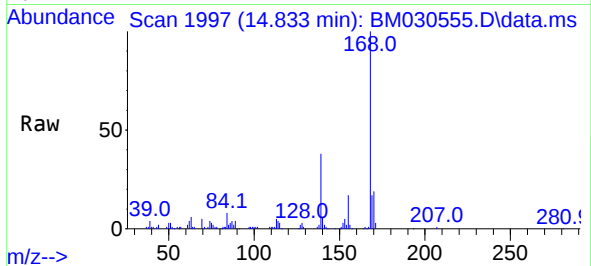
Tgt Ion	Ratio	Lower	Upper
153	100		
152	44.3	37.4	56.2
154	88.0	69.4	104.0





#56
Dibenzenofuran
Concen: 1.645 ng/ul
RT: 14.833 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BM030555.D
Acq: 23 Jun 2021 16:15

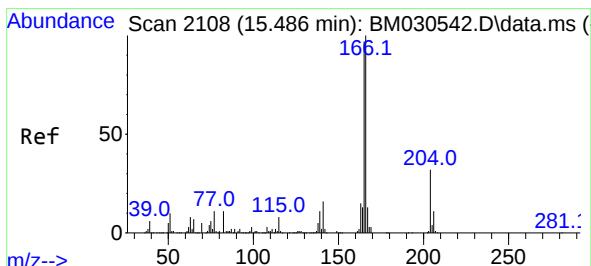
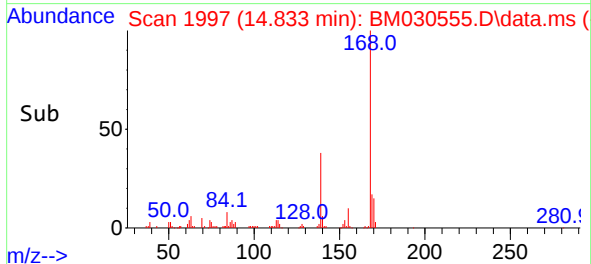
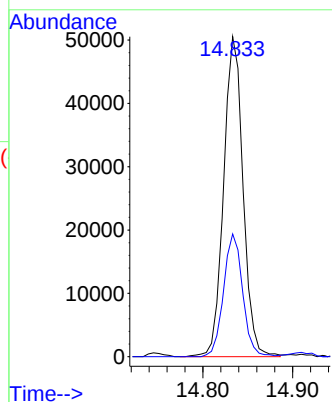
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ClientSampleId :
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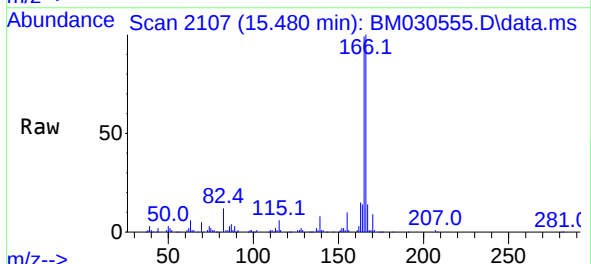
Tgt Ion:168 Resp: 75915
Ion Ratio Lower Upper
168 100
139 38.4 29.5 44.3

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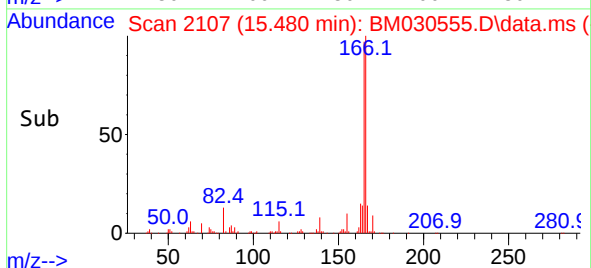
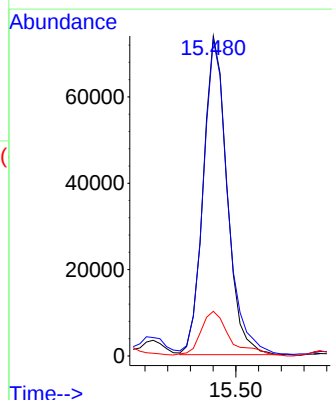
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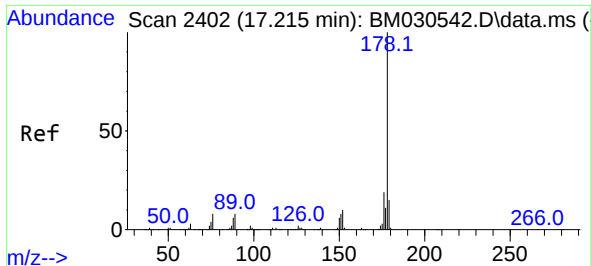


#61
Fluorene
Concen: 2.811 ng/ul
RT: 15.480 min Scan# 2107
Delta R.T. -0.012 min
Lab File: BM030555.D
Acq: 23 Jun 2021 16:15



Tgt Ion:166 Resp: 106897
Ion Ratio Lower Upper
166 100
165 98.8 78.4 117.6
167 13.9 10.6 15.8





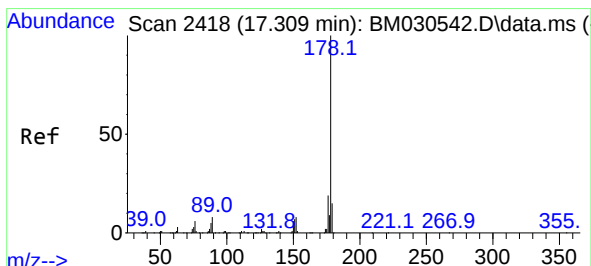
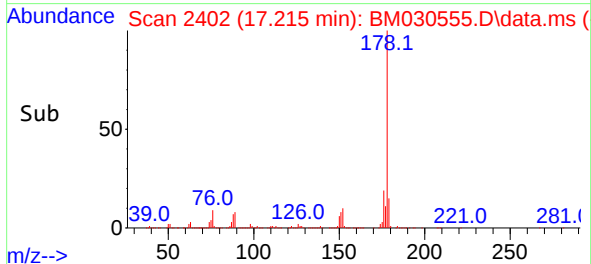
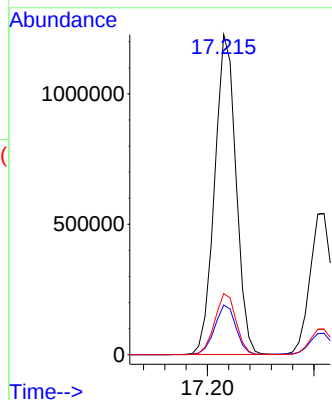
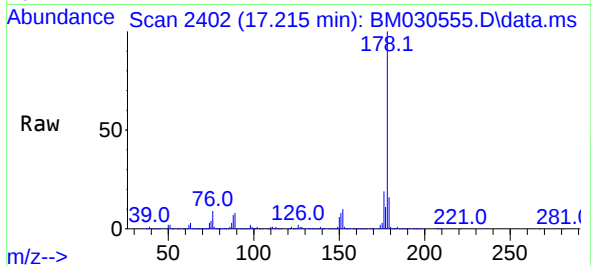
#72
Phenanthrene
Concen: 28.056 ng/u1
RT: 17.215 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM030555.D
Acq: 23 Jun 2021 16:15

Tgt Ion:178 Resp: 1700170
Ion Ratio Lower Upper
178 100
179 15.5 12.1 18.1
176 19.1 15.2 22.8

Instrument :
BNA_M
ClientSampleId :
BGDF5DL

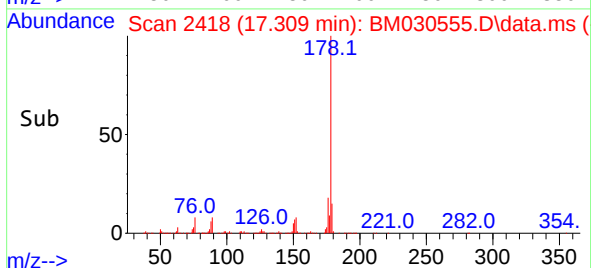
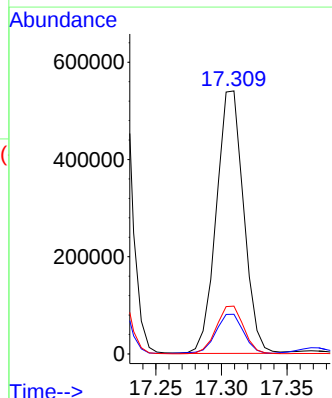
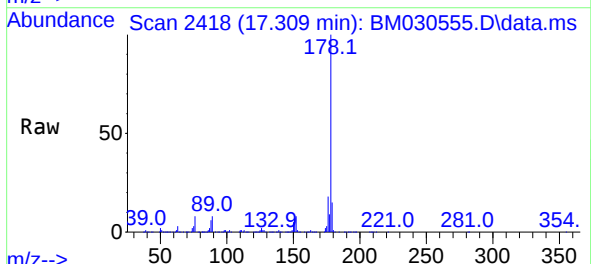
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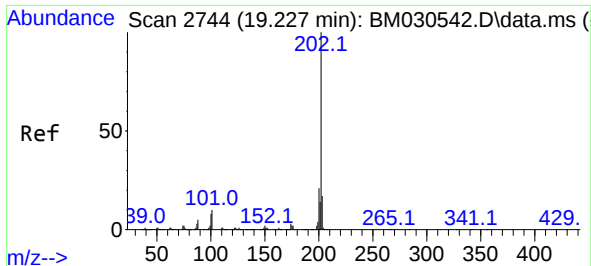
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#74
Anthracene
Concen: 12.615 ng/u1
RT: 17.309 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM030555.D
Acq: 23 Jun 2021 16:15

Tgt Ion:178 Resp: 781624
Ion Ratio Lower Upper
178 100
179 15.1 12.1 18.1
176 18.2 15.2 22.8





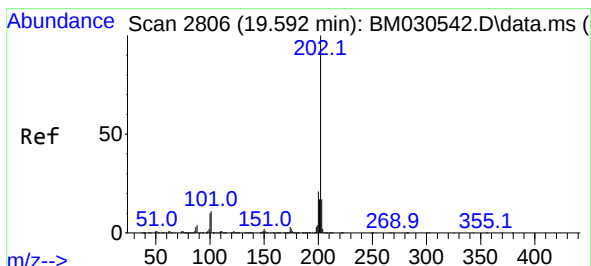
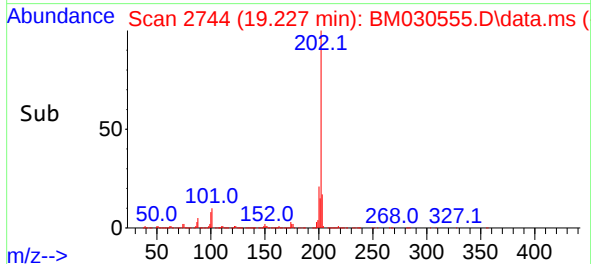
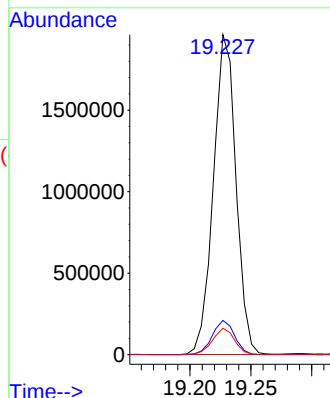
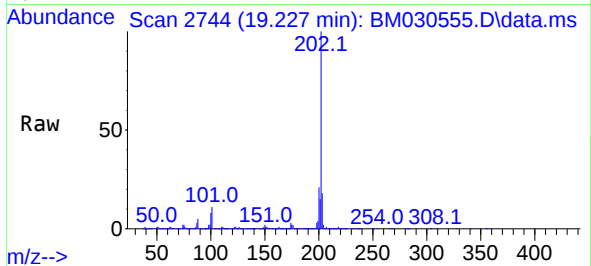
#80
Fluoranthene
Concen: 41.663 ng/u1
RT: 19.227 min Scan# 2744
Delta R.T. -0.006 min
Lab File: BM030555.D
Acq: 23 Jun 2021 16:15

Tgt Ion:202 Resp: 2531138
Ion Ratio Lower Upper
202 100
101 10.7 8.8 13.2
100 8.2 6.8 10.2

Instrument :
BNA_M
ClientSampleId :
BGDF5DL

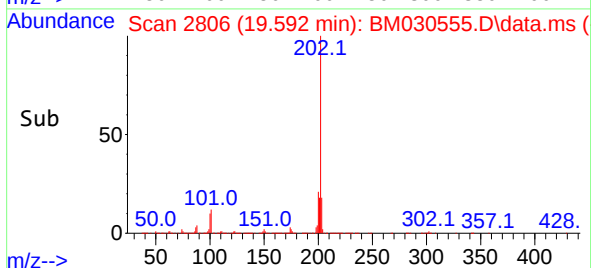
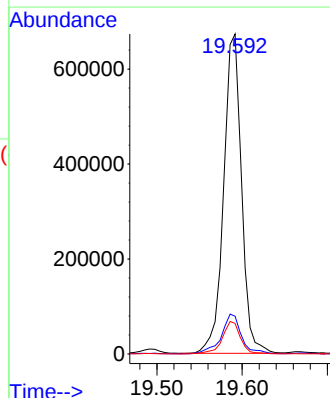
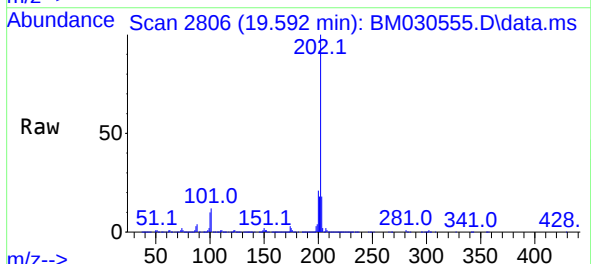
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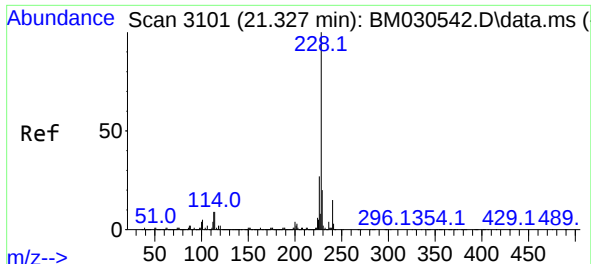
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#82
Pyrene
Concen: 15.363 ng/u1
RT: 19.592 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BM030555.D
Acq: 23 Jun 2021 16:15

Tgt Ion:202 Resp: 980705
Ion Ratio Lower Upper
202 100
101 11.8 10.0 15.0
100 9.6 8.5 12.7





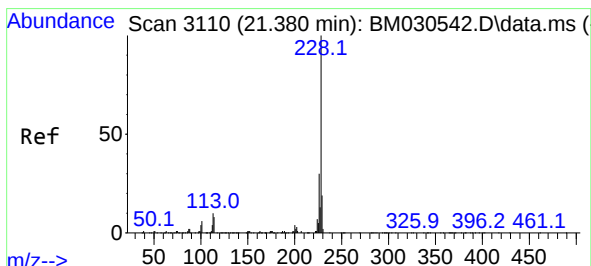
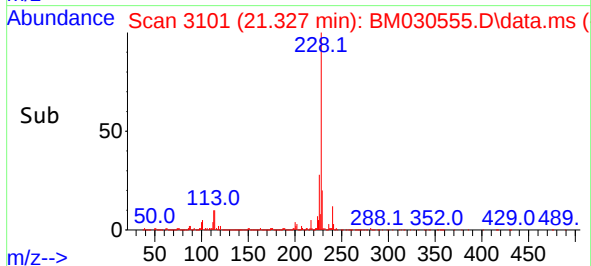
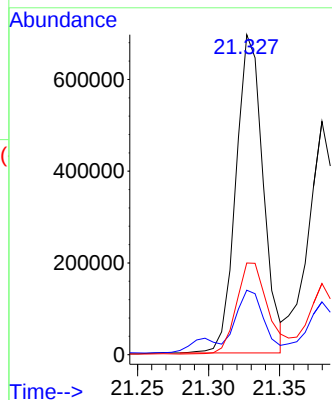
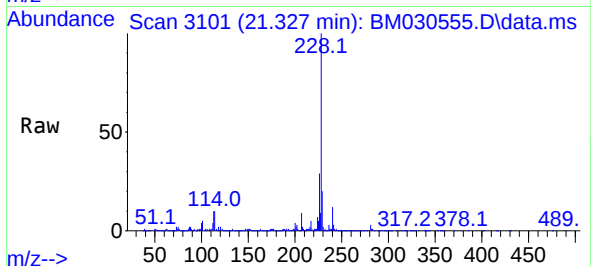
#85
Benzo(a)anthracene
Concen: 15.703 ng/u1
RT: 21.327 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM030555.D
Acq: 23 Jun 2021 16:15

Tgt Ion:228 Resp: 925129
Ion Ratio Lower Upper
228 100
229 20.2 16.0 24.0
226 28.7 22.2 33.2

Instrument :
BNA_M
ClientSampled :
BGDF5DL

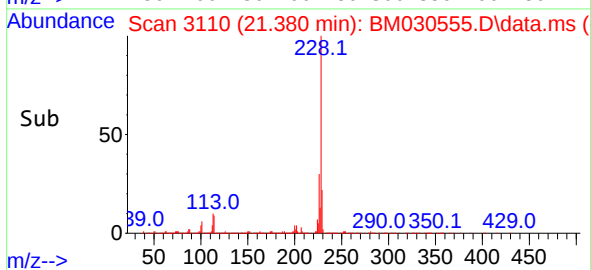
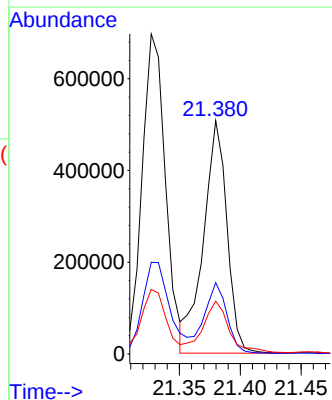
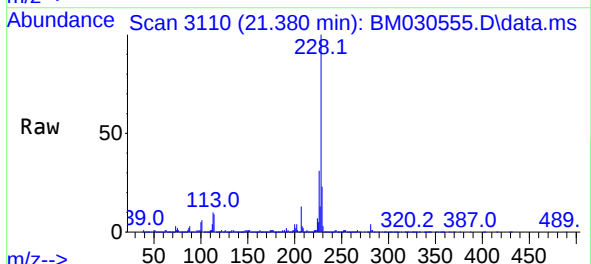
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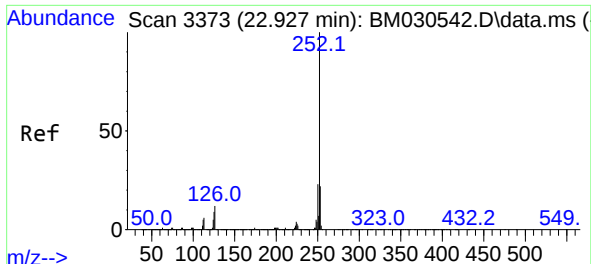
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#87
Chrysene
Concen: 11.855 ng/u1
RT: 21.380 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM030555.D
Acq: 23 Jun 2021 16:15

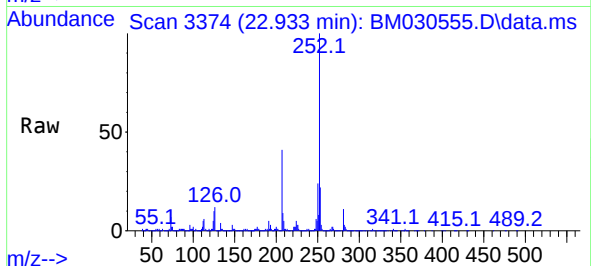
Tgt Ion:228 Resp: 680897
Ion Ratio Lower Upper
228 100
226 30.5 23.6 35.4
229 22.6 15.9 23.9





#90
Benzo(b)fluoranthene
Concen: 12.470 ng/ul
RT: 22.933 min Scan# 3374
Delta R.T. -0.006 min
Lab File: BM030555.D
Acq: 23 Jun 2021 16:15

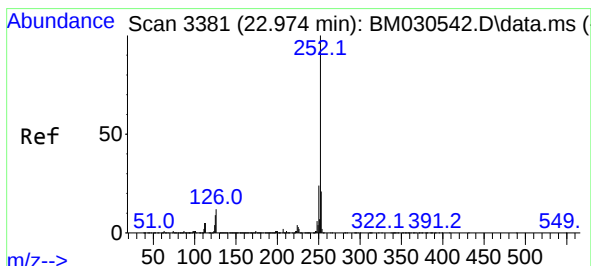
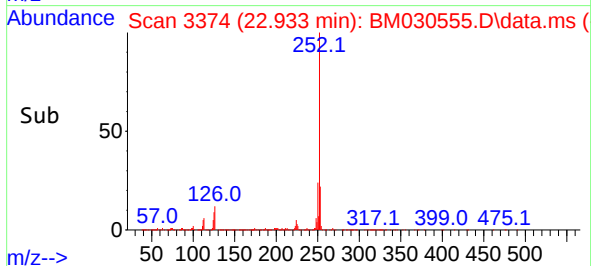
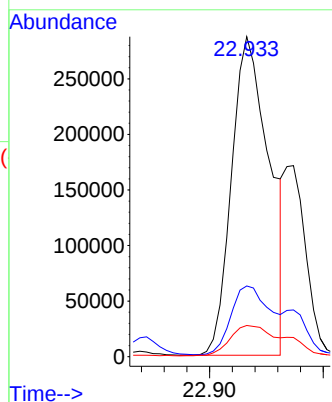
Instrument :
BNA_M
ClientSampled :
BGDF5DL



Tgt Ion:252 Resp: 664827
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 9.8 7.7 11.5

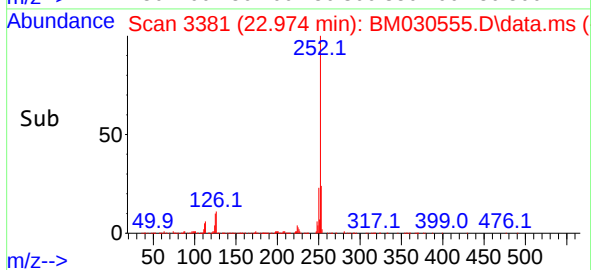
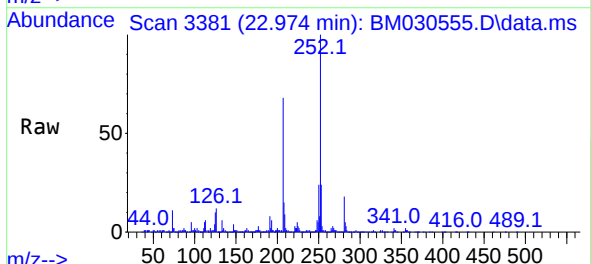
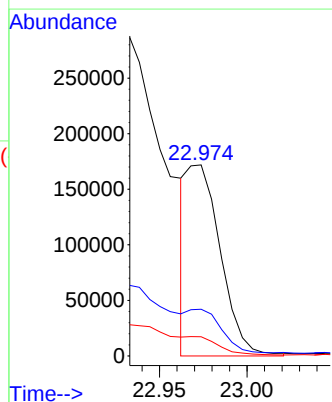
Manual Integrations
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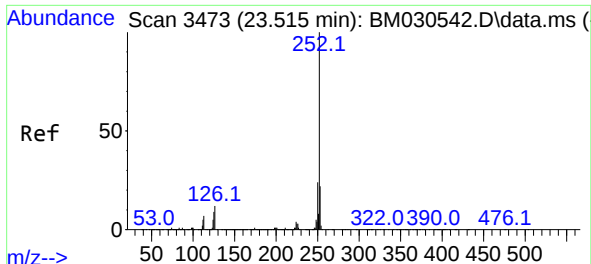
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#91
Benzo(k)fluoranthene
Concen: 4.434 ng/ul m
RT: 22.974 min Scan# 3381
Delta R.T. -0.012 min
Lab File: BM030555.D
Acq: 23 Jun 2021 16:15

Tgt Ion:252 Resp: 227201
Ion Ratio Lower Upper
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253 24.4 17.4 26.2
125 10.1 7.9 11.9





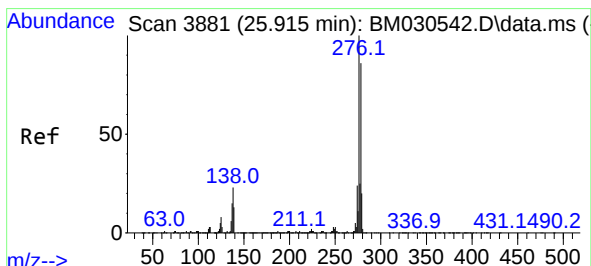
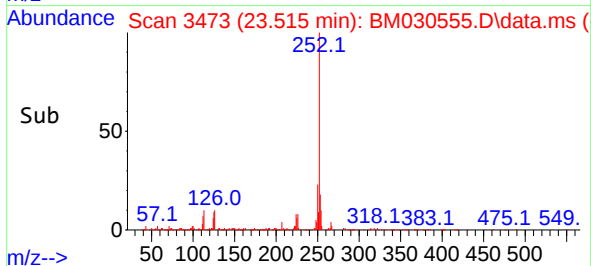
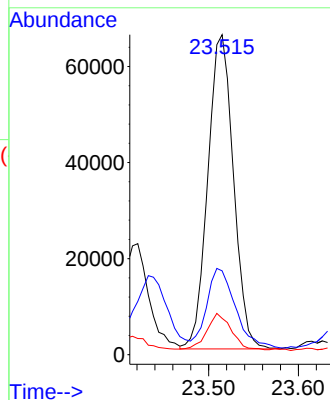
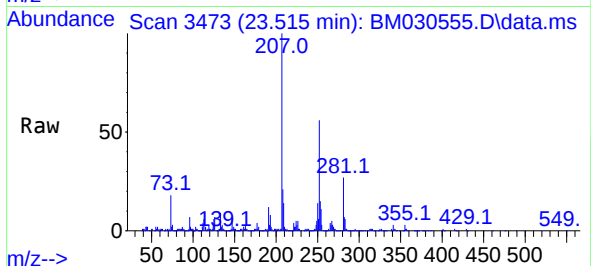
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Benzo(a)pyrene
Concen: 2.709 ng/ul
RT: 23.515 min Scan# 3473
Delta R.T. -0.012 min
Lab File: BM030555.D
Acq: 23 Jun 2021 16:15

Tgt Ion:	252	Resp:	129879
Ion Ratio	Lower	Upper	
252	100		
253	26.2	17.5	26.3
125	11.3	8.6	13.0

Instrument :
BNA_M
ClientSampleId :
BGDF5DL

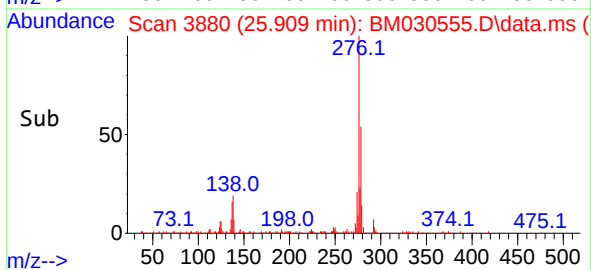
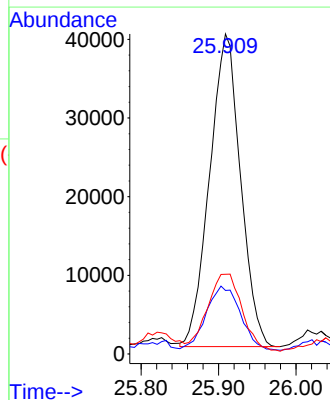
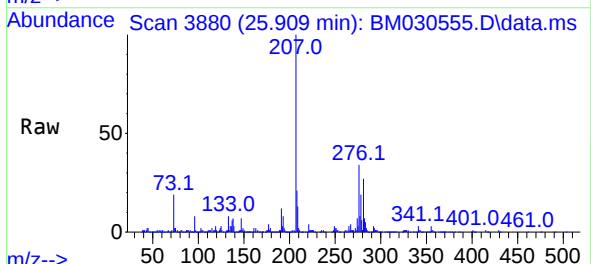
Manual Integrations
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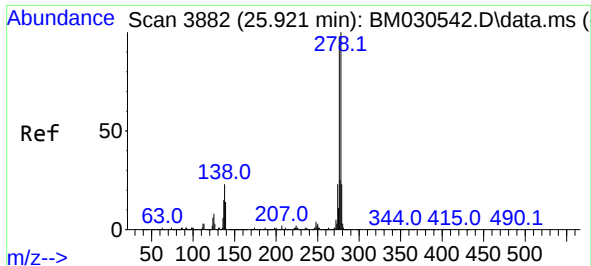
mohammad
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#94
Indeno(1,2,3-cd)pyrene
Concen: 1.826 ng/ul
RT: 25.909 min Scan# 3880
Delta R.T. -0.024 min
Lab File: BM030555.D
Acq: 23 Jun 2021 16:15

Tgt Ion:	276	Resp:	110192
Ion Ratio	Lower	Upper	
276	100		
138	19.9	19.5	29.3
277	24.9	19.6	29.4





#95
 Dibenzo(a,h)anthracene
 Concen: 1.424 ng/ul
 RT: 25.915 min Scan# 3881
 Delta R.T. -0.024 min
 Lab File: BM030555.D
 Acq: 23 Jun 2021 16:15

Tgt Ion: 278 Resp: 71234
 Ion Ratio Lower Upper
 278 100
 139 14.6 12.8 19.2
 279 29.8 19.1 28.7#

Instrument :
 BNA_M
 ClientSampleId :
 BGDF5DL

Manual Integrations
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