

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
 Data File : BM030554.D
 Acq On : 23 Jun 2021 15:38
 Operator : CG/JU
 Sample : M2662-06DL 5X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDH3DL

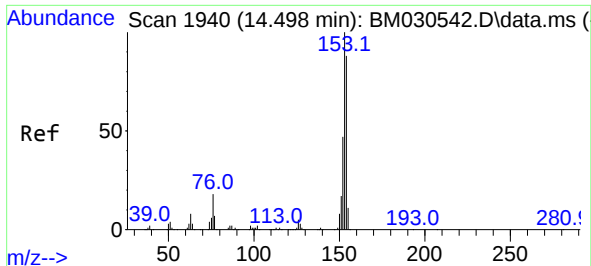
Manual Integrations
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Quant Time: Jun 23 16:22:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 22 15:07:37 2021
 Response via : Initial Calibration

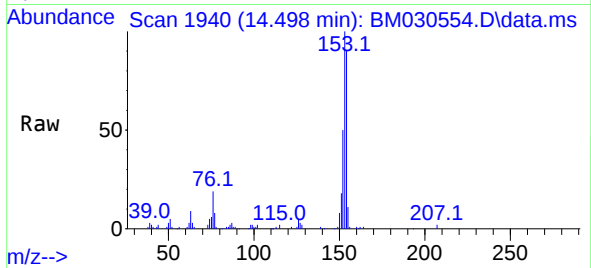
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	178329	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	761734	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	501897	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.174	188	1039036	20.000	ng/u1	0.00
79) Chrysene-d12	21.344	240	847655	20.000	ng/u1	0.00
88) Perylene-d12	23.615	264	762349	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	3160	0.718	ng/uL	0.00
4) Pyridine-d5	3.751	84	14517m	1.228	ng/u1	0.05
7) Phenol-d5	6.975	99	57624	3.747	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.139	67	38071	3.938	ng/u1	0.00
11) 2-Chlorophenol-d4	7.339	132	46199	3.892	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	48454	4.048	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	21171	3.725	ng/u1	0.00
24) 2-Nitrophenol-d4	9.680	143	21621	3.423	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	44547	3.681	ng/u1	0.00
31) 4-Chloroaniline-d4	10.745	131	30980	1.836	ng/u1	0.00
46) Dimethylphthalate-d6	13.845	166	162028	4.675	ng/u1	0.00
49) Acenaphthylene-d8	14.127	160	185182	4.117	ng/u1	0.00
54) 4-Nitrophenol-d4	14.651	143	6648	1.013	ng/u1	0.01
60) Fluorene-d10	15.427	176	145747	4.742	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	8601	1.265	ng/u1	0.00
73) Anthracene-d10	17.268	188	234545	4.837	ng/u1	-0.01
81) Pyrene-d10	19.562	212	256719	5.780	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.468	264	188281	4.750	ng/u1	-0.01
Target Compounds						
					Qvalue	
52) Acenaphthene	14.498	153	56713	1.873	ng/u1	96
61) Fluorene	15.480	166	52118	1.498	ng/u1	98
72) Phenanthrene	17.215	178	916143	16.419	ng/u1	99
74) Anthracene	17.303	178	478840	8.393	ng/u1	99
80) Fluoranthene	19.227	202	1853067	34.161	ng/u1	99
82) Pyrene	19.592	202	1448045	25.405	ng/u1	98
85) Benzo(a)anthracene	21.327	228	844583	16.055	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.256	149	38628	1.431	ng/u1	99
87) Chrysene	21.380	228	681310	13.286	ng/u1	98
90) Benzo(b)fluoranthene	22.932	252	707826	14.624	ng/u1	99
91) Benzo(k)fluoranthene	22.968	252	237555m	5.107	ng/u1	
93) Benzo(a)pyrene	23.515	252	549797	12.633	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	25.909	276	294921	5.383	ng/u1#	94
95) Dibenzo(a,h)anthracene	25.909	278	80603	1.775	ng/u1#	76
96) Benzo(g,h,i)perylene	26.620	276	228750	5.004	ng/u1	96

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



#52
Acenaphthene
Concen: 1.873 ng/u1
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM030554.D
Acq: 23 Jun 2021 15:38

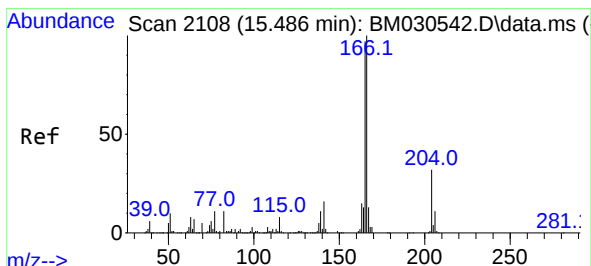
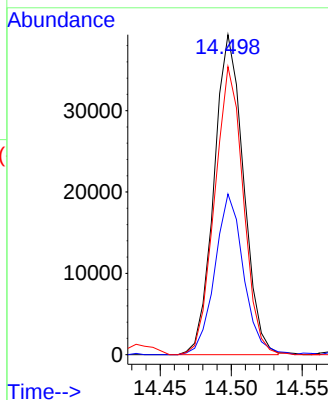
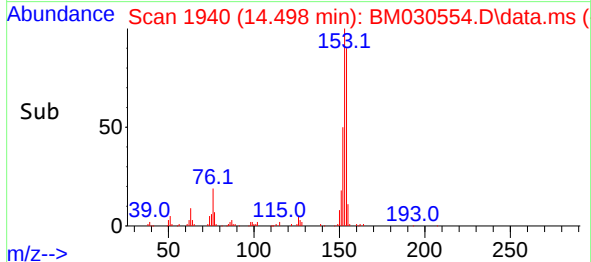
Instrument :
BNA_M
ClientSampled :
BGDH3DL



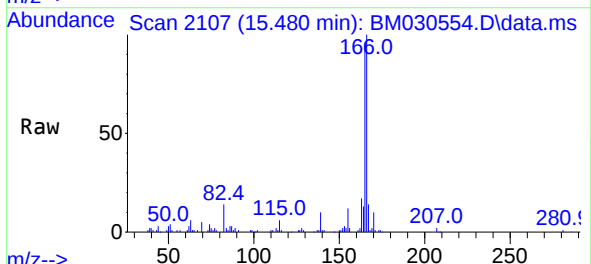
Tgt Ion:153 Resp: 56713
Ion Ratio Lower Upper
153 100
152 50.2 37.4 56.2
154 90.0 69.4 104.0

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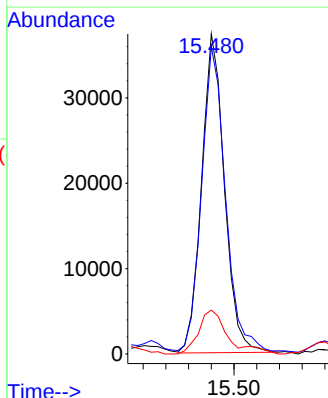
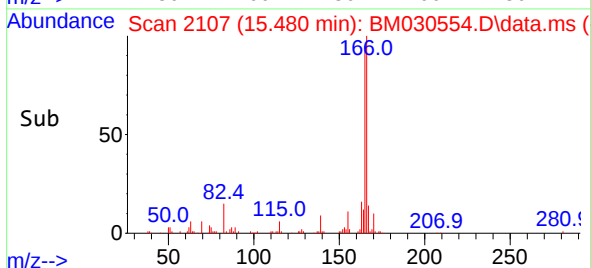
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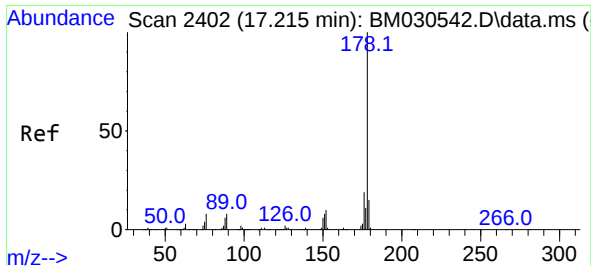


#61
Fluorene
Concen: 1.498 ng/u1
RT: 15.480 min Scan# 2107
Delta R.T. -0.012 min
Lab File: BM030554.D
Acq: 23 Jun 2021 15:38



Tgt Ion:166 Resp: 52118
Ion Ratio Lower Upper
166 100
165 96.0 78.4 117.6
167 13.7 10.6 15.8





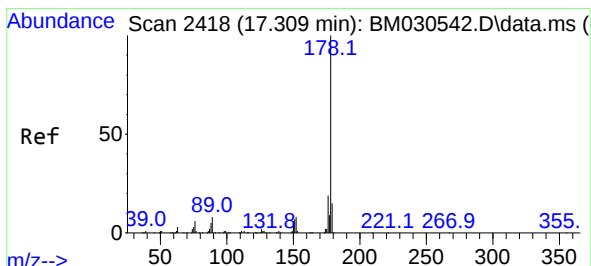
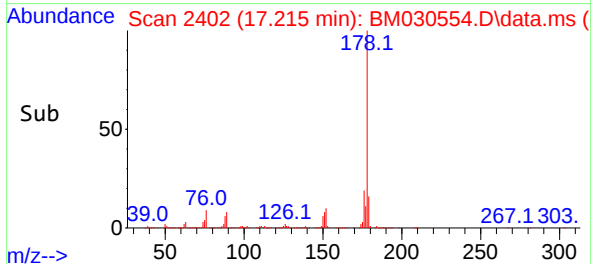
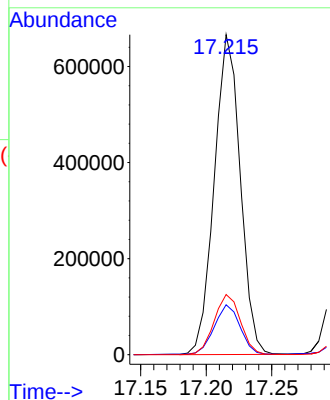
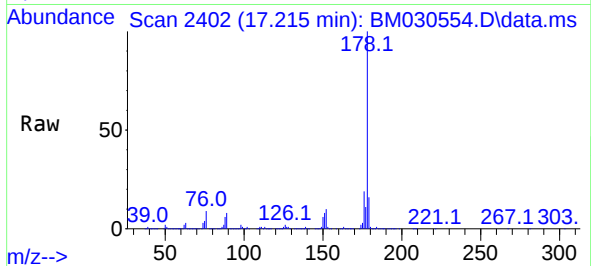
#72
Phenanthrene
Concen: 16.419 ng/u1
RT: 17.215 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM030554.D
Acq: 23 Jun 2021 15:38

Tgt Ion:178 Resp: 916143
Ion Ratio Lower Upper
178 100
179 15.6 12.1 18.1
176 18.8 15.2 22.8

Instrument :
BNA_M
ClientSampleId :
BGDH3DL

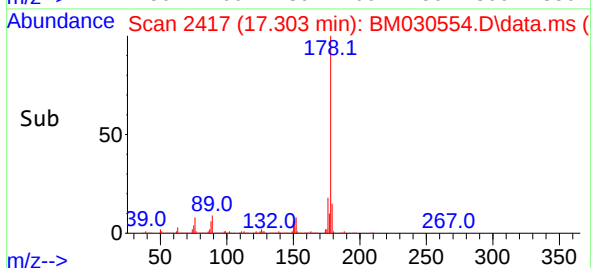
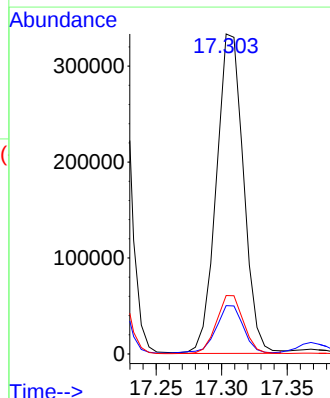
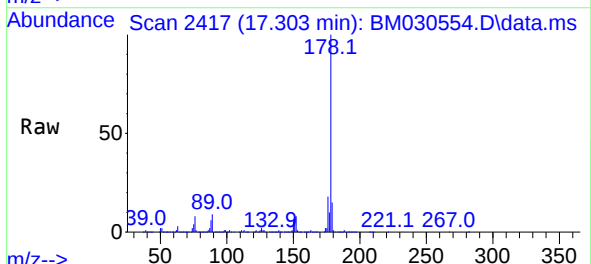
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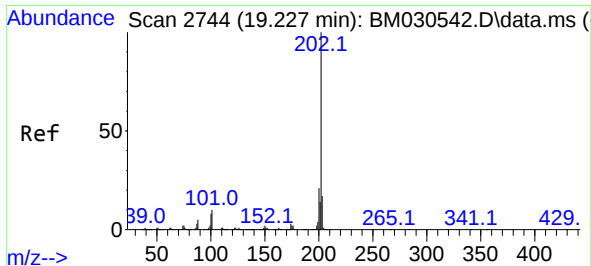
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#74
Anthracene
Concen: 8.393 ng/u1
RT: 17.303 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BM030554.D
Acq: 23 Jun 2021 15:38

Tgt Ion:178 Resp: 478840
Ion Ratio Lower Upper
178 100
179 15.1 12.1 18.1
176 18.3 15.2 22.8





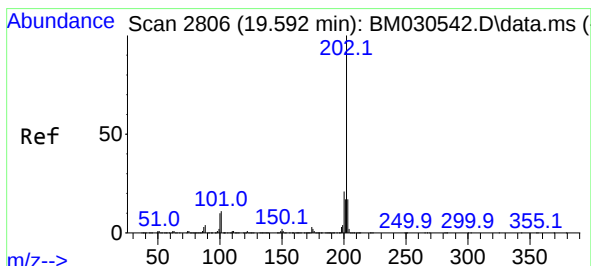
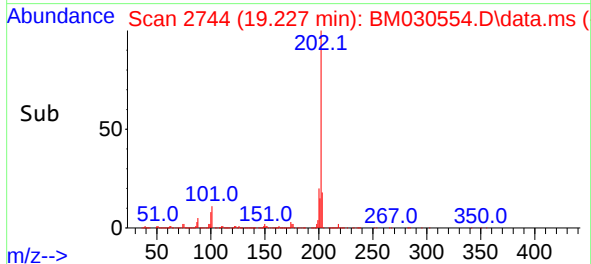
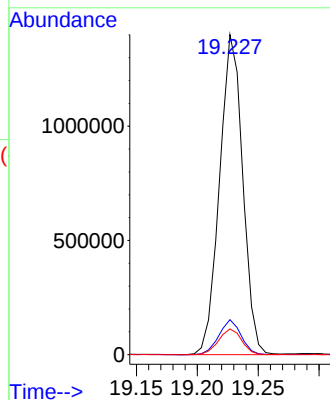
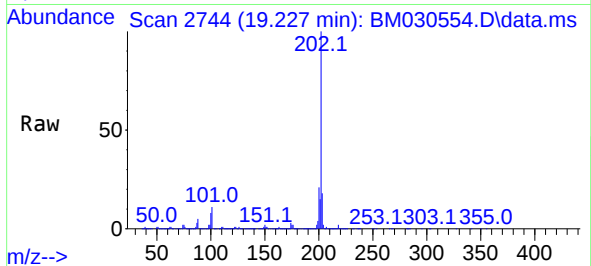
#80
Fluoranthene
Concen: 34.161 ng/u1
RT: 19.227 min Scan# 2744
Delta R.T. -0.006 min
Lab File: BM030554.D
Acq: 23 Jun 2021 15:38

Tgt Ion:202 Resp: 1853067
Ion Ratio Lower Upper
202 100
101 11.0 8.8 13.2
100 8.0 6.8 10.2

Instrument :
BNA_M
ClientSampled :
BGDH3DL

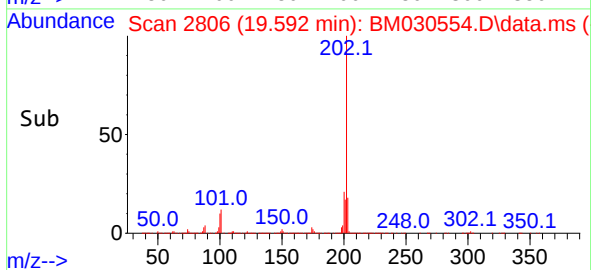
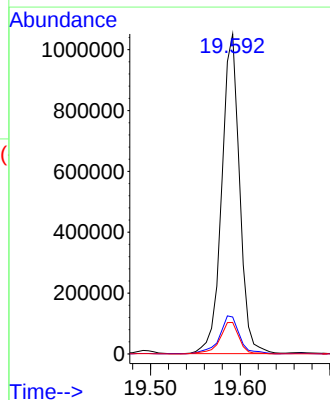
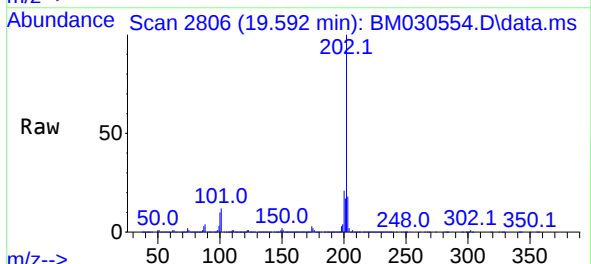
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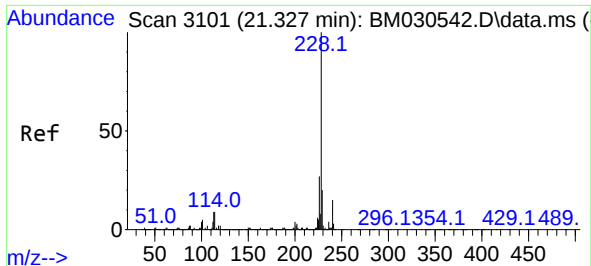
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#82
Pyrene
Concen: 25.405 ng/u1
RT: 19.592 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BM030554.D
Acq: 23 Jun 2021 15:38

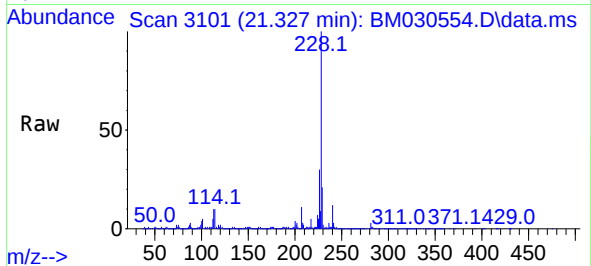
Tgt Ion:202 Resp: 1448045
Ion Ratio Lower Upper
202 100
101 11.6 10.0 15.0
100 9.8 8.5 12.7





#85
Benzo(a)anthracene
Concen: 16.055 ng/ul
RT: 21.327 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM030554.D
Acq: 23 Jun 2021 15:38

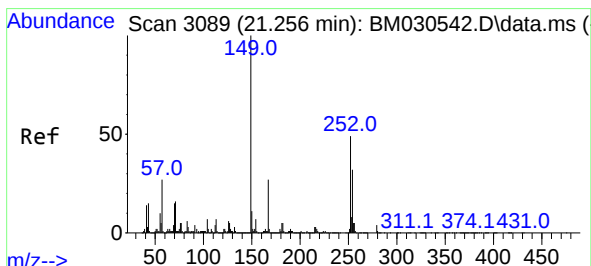
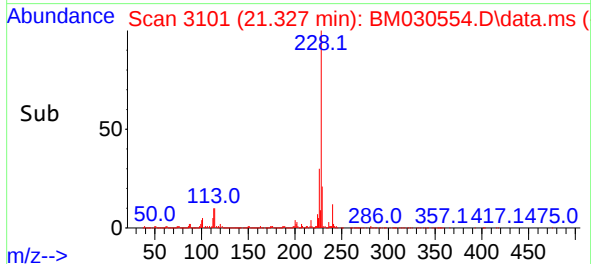
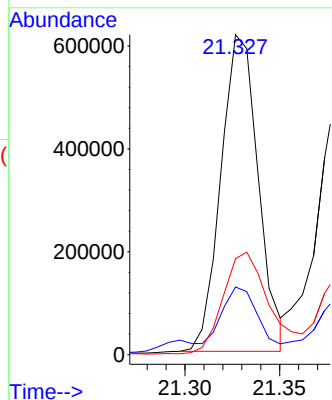
Instrument :
BNA_M
ClientSampled :
BGDH3DL



Tgt Ion:228 Resp: 844583
Ion Ratio Lower Upper
228 100
229 21.2 16.0 24.0
226 30.0 22.2 33.2

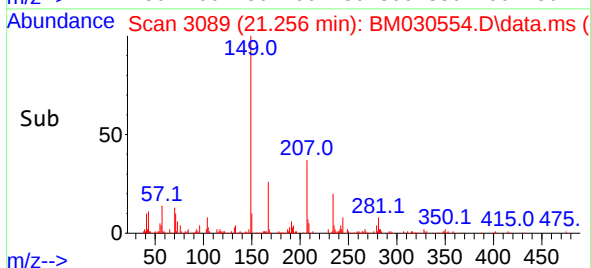
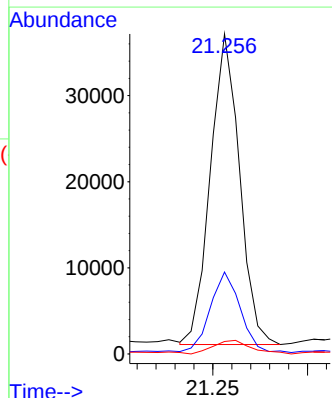
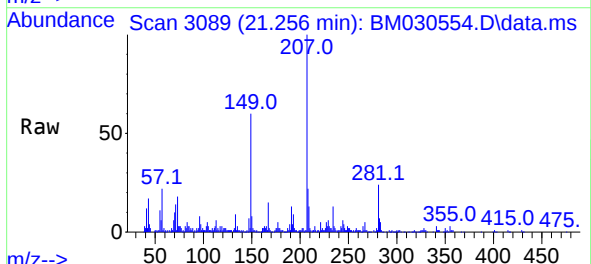
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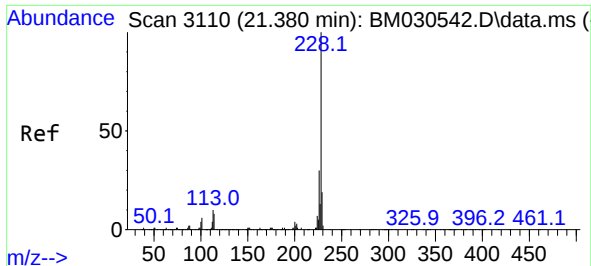
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#86
Bis(2-ethylhexyl)phthalate
Concen: 1.431 ng/ul
RT: 21.256 min Scan# 3089
Delta R.T. -0.006 min
Lab File: BM030554.D
Acq: 23 Jun 2021 15:38

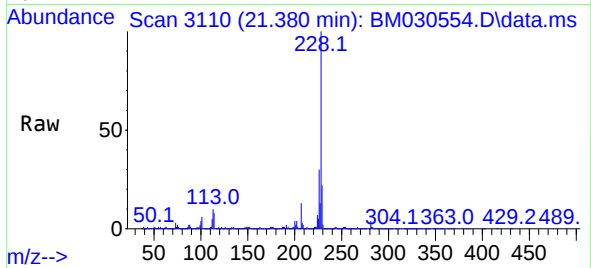
Tgt Ion:149 Resp: 38628
Ion Ratio Lower Upper
149 100
167 25.6 20.7 31.1
279 3.9 3.0 4.4





#87
Chrysene
Concen: 13.286 ng/u1
RT: 21.380 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM030554.D
Acq: 23 Jun 2021 15:38

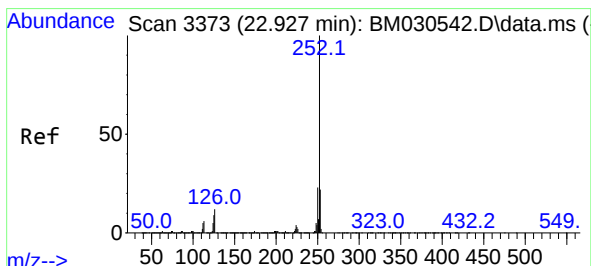
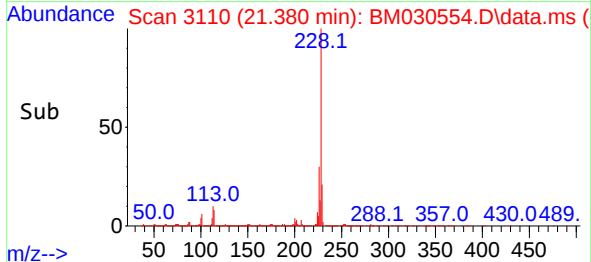
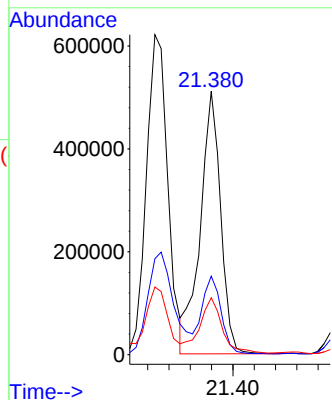
Instrument :
BNA_M
ClientSampled :
BGDH3DL



Tgt Ion:228 Resp: 681310
Ion Ratio Lower Upper
228 100
226 29.8 23.6 35.4
229 21.6 15.9 23.9

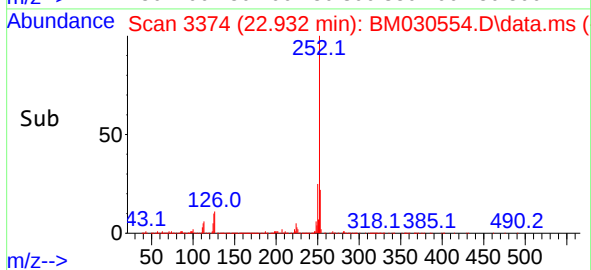
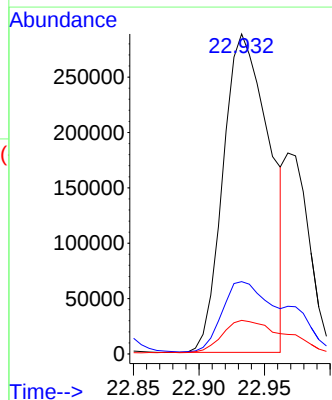
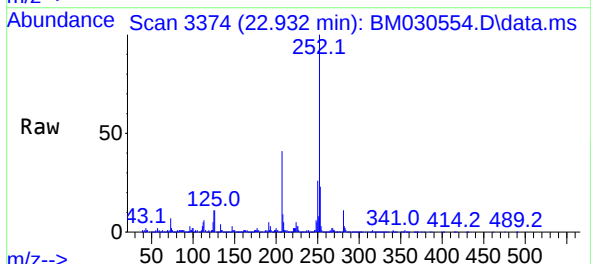
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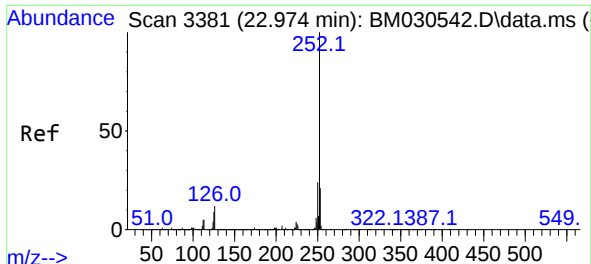
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#90
Benzo(b)fluoranthene
Concen: 14.624 ng/u1
RT: 22.932 min Scan# 3374
Delta R.T. -0.006 min
Lab File: BM030554.D
Acq: 23 Jun 2021 15:38

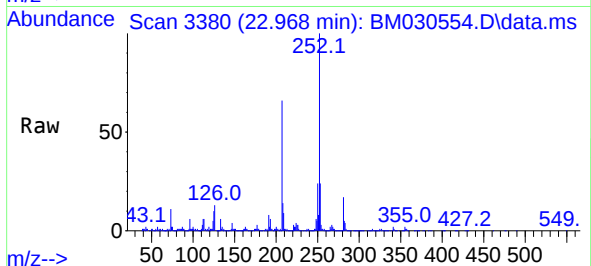
Tgt Ion:252 Resp: 707826
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 10.5 7.7 11.5





#91
Benzo(k)fluoranthene
Concen: 5.107 ng/ul m
RT: 22.968 min Scan# 3380
Delta R.T. -0.018 min
Lab File: BM030554.D
Acq: 23 Jun 2021 15:38

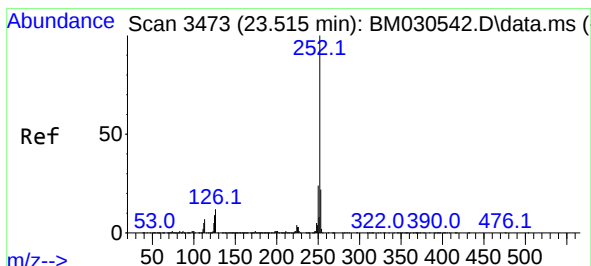
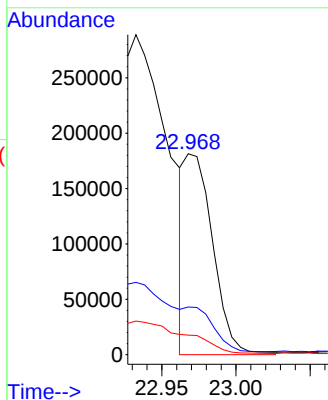
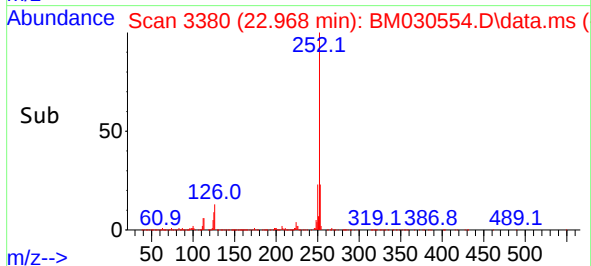
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ClientSampleId :
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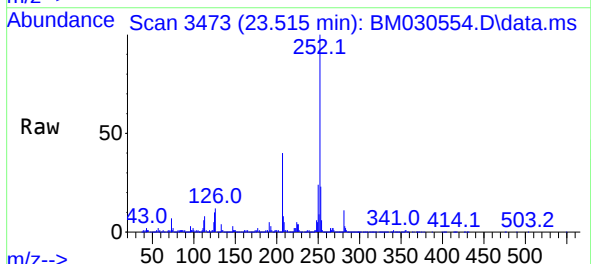
Tgt Ion:252 Resp: 237555
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.2
125 9.7 7.9 11.9

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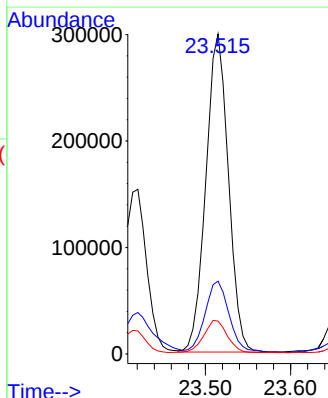
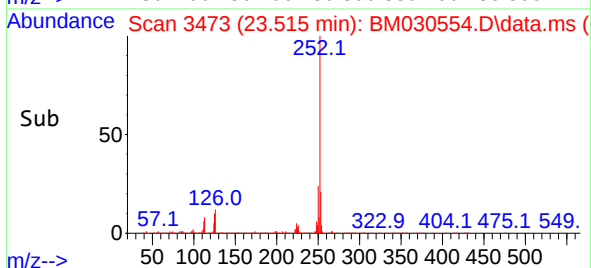
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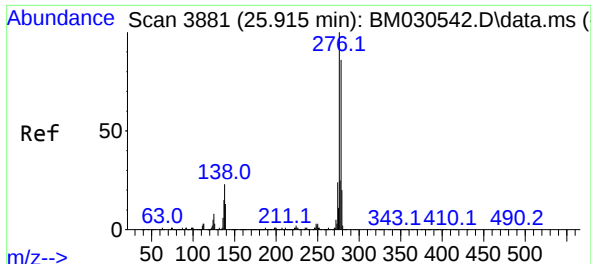


#93
Benzo(a)pyrene
Concen: 12.633 ng/ul
RT: 23.515 min Scan# 3473
Delta R.T. -0.012 min
Lab File: BM030554.D
Acq: 23 Jun 2021 15:38



Tgt Ion:252 Resp: 549797
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 10.3 8.6 13.0





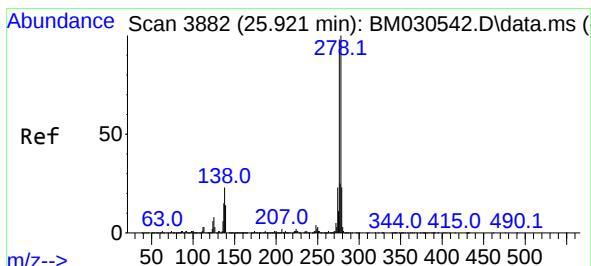
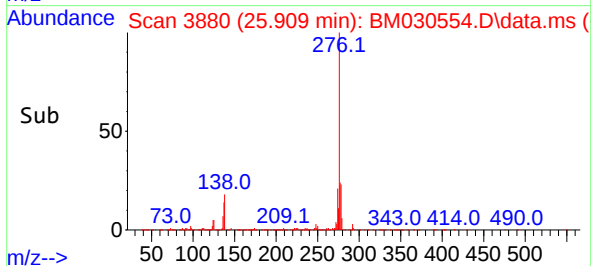
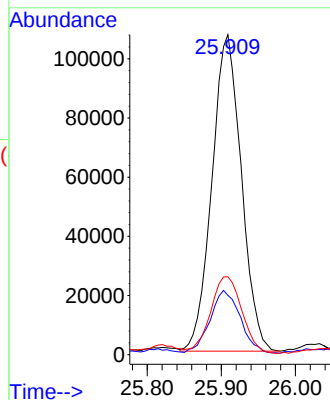
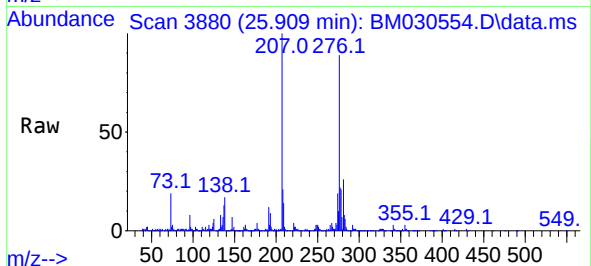
#94
Indeno(1,2,3-cd)pyrene
Concen: 5.383 ng/ul
RT: 25.909 min Scan# 3880
Delta R.T. -0.024 min
Lab File: BM030554.D
Acq: 23 Jun 2021 15:38

Tgt Ion: 276 Resp: 294921
Ion Ratio Lower Upper
276 100
138 18.5 19.5 29.3#
277 24.3 19.6 29.4

Instrument :
BNA_M
ClientSampled :
BGDH3DL

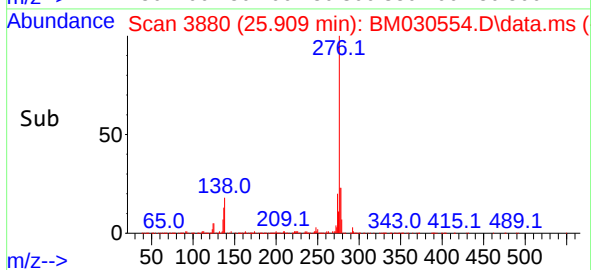
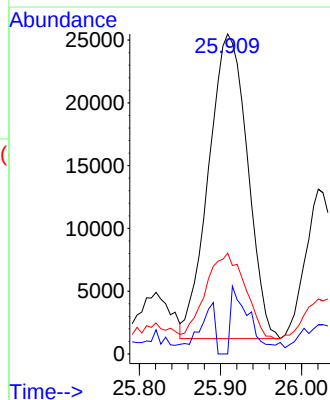
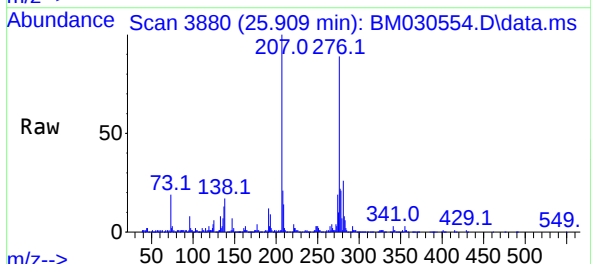
Manual Integrations
APPROVED

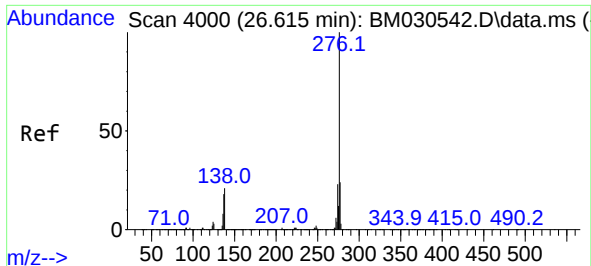
mohammad
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#95
Dibenzo(a,h)anthracene
Concen: 1.775 ng/ul
RT: 25.909 min Scan# 3880
Delta R.T. -0.030 min
Lab File: BM030554.D
Acq: 23 Jun 2021 15:38

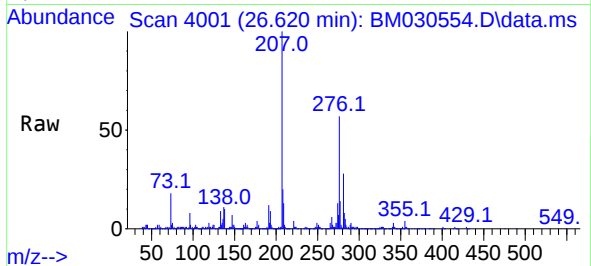
Tgt Ion: 278 Resp: 80603
Ion Ratio Lower Upper
278 100
139 0.0 12.8 19.2#
279 31.5 19.1 28.7#





#96
 Benzo(g,h,i)perylene
 Concen: 5.004 ng/ul
 RT: 26.620 min Scan# 4001
 Delta R.T. -0.018 min
 Lab File: BM030554.D
 Acq: 23 Jun 2021 15:38

Instrument :
 BNA_M
 ClientSampleId :
 BGDH3DL



Tgt Ion: 276 Resp: 228750

Ion	Ratio	Lower	Upper
276	100		
138	18.2	16.5	24.7
277	24.8	18.5	27.7

Manual Integrations
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