

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
 Data File : BM030539.D
 Acq On : 23 Jun 2021 06:13
 Operator : CG/JU
 Sample : M2662-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDB2

Manual Integrations
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Quant Time: Jun 23 06:47:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 23 04:56:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	193685	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	779021	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	454471	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.174	188	790876	20.000	ng/u1	0.00
79) Chrysene-d12	21.344	240	749716	20.000	ng/u1	0.00
88) Perylene-d12	23.615	264	832129	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	14735	3.084	ng/uL	0.00
4) Pyridine-d5	3.704	84	128434	10.006	ng/u1	0.00
7) Phenol-d5	6.975	99	346177	20.724	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.139	67	214804	20.459	ng/u1	0.00
11) 2-Chlorophenol-d4	7.339	132	286270	22.202	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	283456	21.805	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	131513	22.623	ng/u1	0.00
24) 2-Nitrophenol-d4	9.680	143	147393	22.815	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	273395	22.092	ng/u1	0.00
31) 4-Chloroaniline-d4	10.733	131	299147	17.334	ng/u1	0.00
46) Dimethylphthalate-d6	13.845	166	746983	23.804	ng/u1	0.00
49) Acenaphthylene-d8	14.127	160	946320	23.232	ng/u1	0.00
54) 4-Nitrophenol-d4	14.639	143	53938	9.073	ng/u1	0.00
60) Fluorene-d10	15.427	176	637373	22.900	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	28432	5.495	ng/u1	0.00
73) Anthracene-d10	17.274	188	860731	23.320	ng/u1	0.00
81) Pyrene-d10	19.562	212	591832	15.065	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.468	264	472725	10.927	ng/u1	-0.01
Target Compounds					Qvalue	
50) Acenaphthylene	14.157	152	278021	7.358	ng/u1	99
52) Acenaphthene	14.498	153	108221	3.947	ng/u1	95
56) Dibenzofuran	14.833	168	244650	6.400	ng/u1	97
61) Fluorene	15.486	166	452683	14.369	ng/u1	99
72) Phenanthrene	17.221	178	4133720	97.329	ng/u1	99
74) Anthracene	17.309	178	1459472	33.609	ng/u1	99
80) Fluoranthene	19.233	202	4948944	103.151	ng/u1	98
82) Pyrene	19.592	202	1989762	39.470	ng/u1	98
85) Benzo(a)anthracene	21.327	228	2199832	47.281	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.256	149	96836	4.057	ng/u1#	97
87) Chrysene	21.380	228	1627488	35.882	ng/u1	96
90) Benzo(b)fluoranthene	22.933	252	2015346	38.147	ng/u1	98
91) Benzo(k)fluoranthene	22.974	252	690201m	13.594	ng/u1	
93) Benzo(a)pyrene	23.515	252	425400	8.955	ng/u1#	91
94) Indeno(1,2,3-cd)pyrene	25.909	276	392830	6.569	ng/u1	94
95) Dibenzo(a,h)anthracene	25.915	278	251735	5.078	ng/u1#	92

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

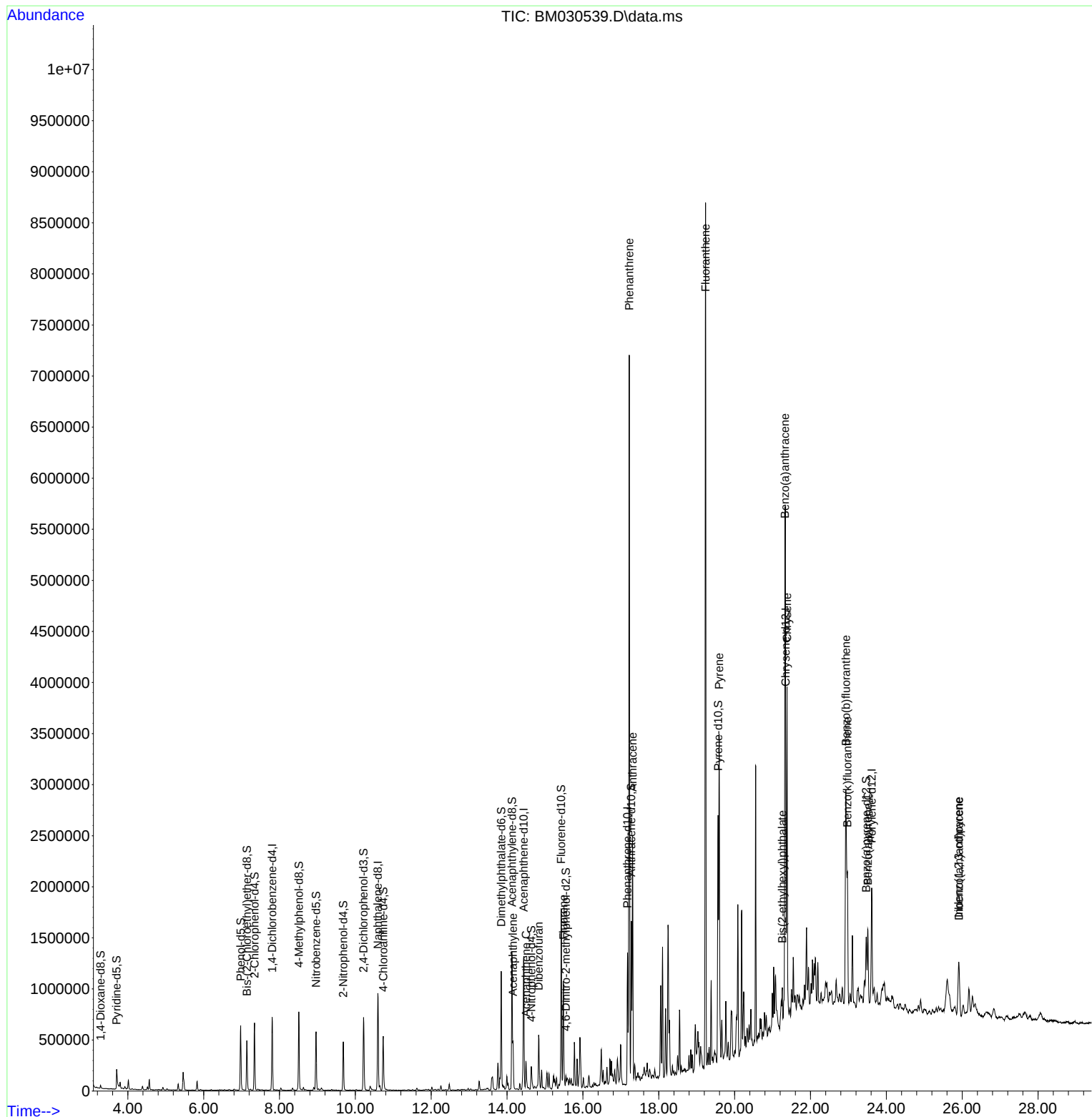
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Data File : BM030539.D
Acq On : 23 Jun 2021 06:13
Operator : CG/JU
Sample : M2662-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

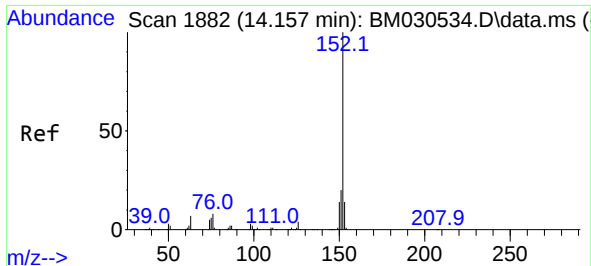
Instrument :
BNA_M
ClientSampleId :
BGDB2

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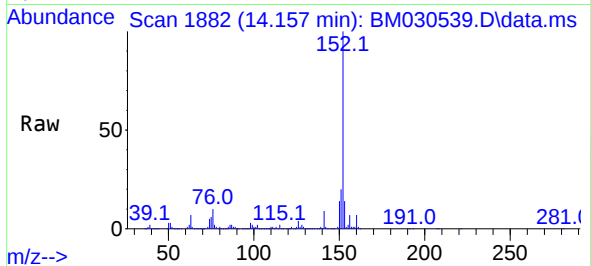
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Quant Time: Jun 23 06:47:15 2021
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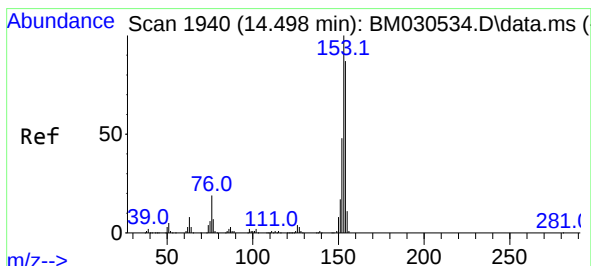
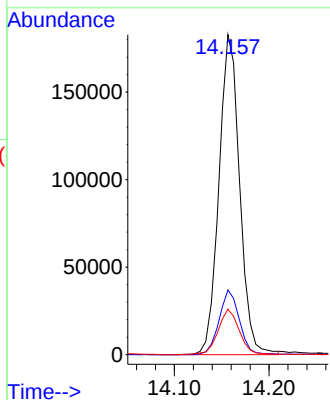
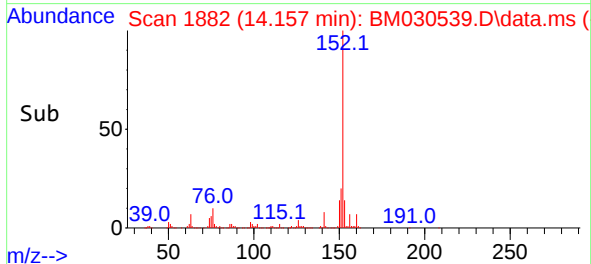




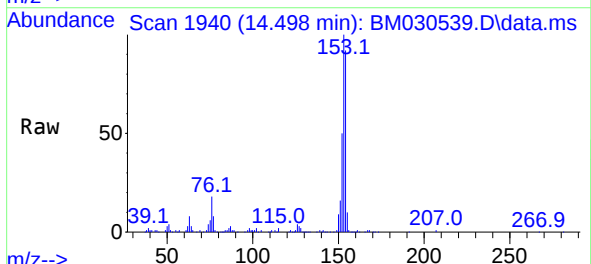
#50
Acenaphthylene
Concen: 7.358 ng/ul
RT: 14.157 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM030539.D
Acq: 23 Jun 2021 06:13



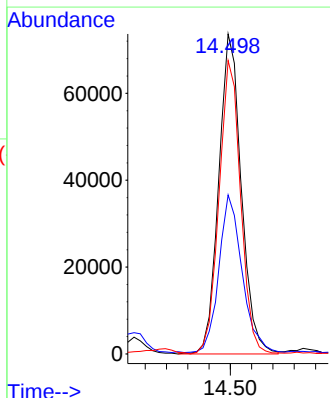
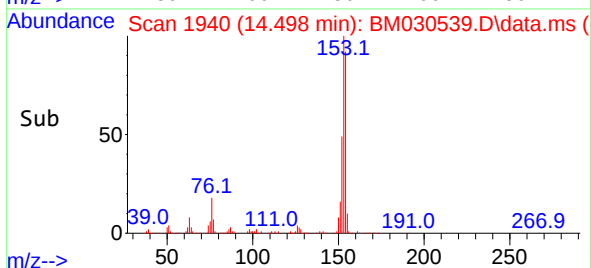
Tgt Ion:152 Resp: 278021
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 14.2 10.2 15.4



#52
Acenaphthene
Concen: 3.947 ng/ul
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM030539.D
Acq: 23 Jun 2021 06:13



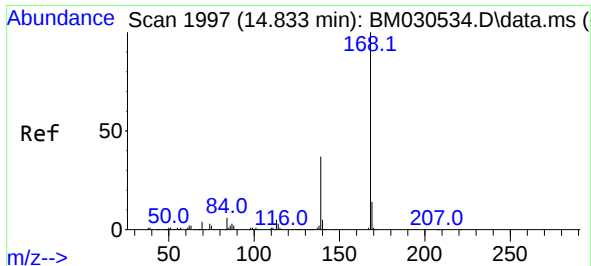
Tgt Ion:153 Resp: 108221
Ion Ratio Lower Upper
153 100
152 49.7 37.4 56.2
154 91.7 69.4 104.0



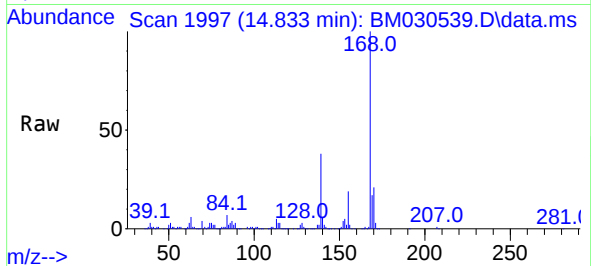
Instrument :
BNA_M
ClientSampled :
BGDB2

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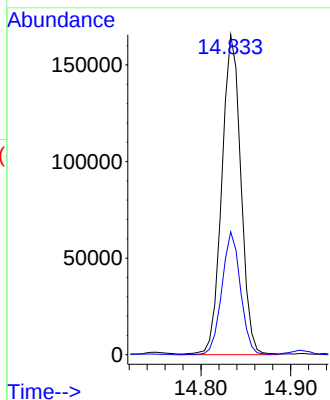
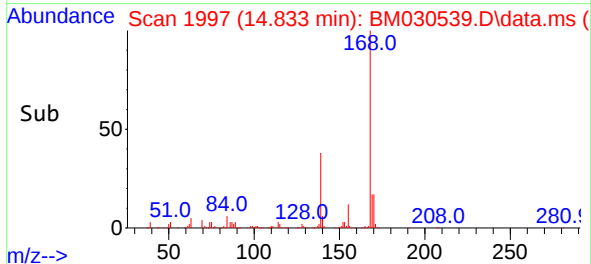
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#56
Dibenzenofuran
Concen: 6.400 ng/u1
RT: 14.833 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BM030539.D
Acq: 23 Jun 2021 06:13



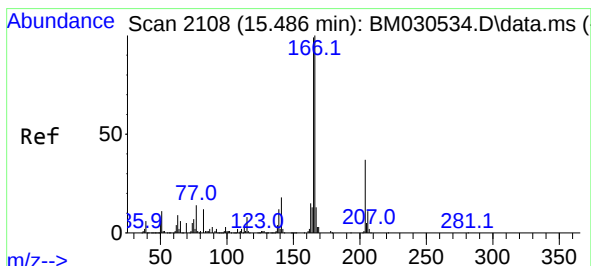
Tgt Ion:168 Resp: 244650
Ion Ratio Lower Upper
168 100
139 38.4 29.5 44.3



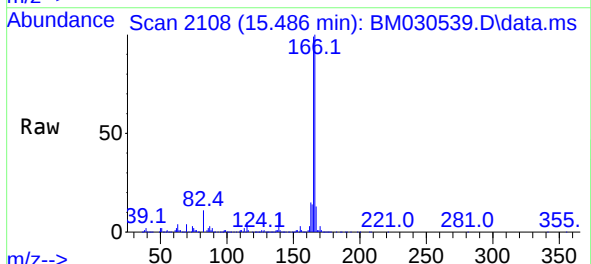
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ClientSampled :
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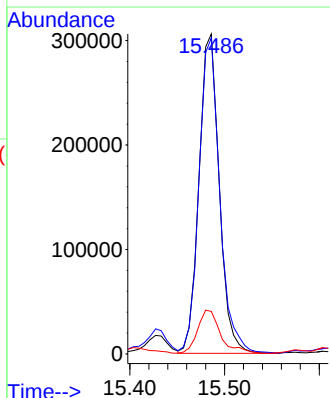
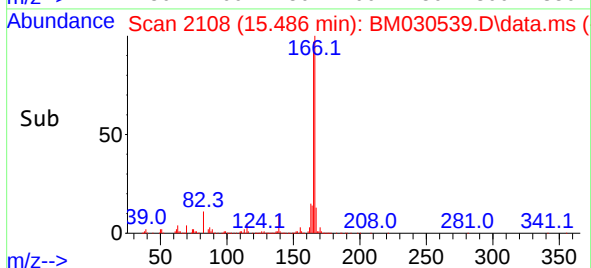
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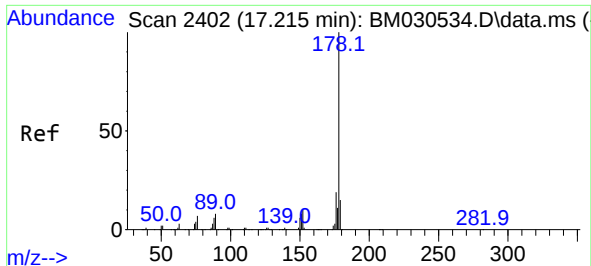


#61
Fluorene
Concen: 14.369 ng/u1
RT: 15.486 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BM030539.D
Acq: 23 Jun 2021 06:13



Tgt Ion:166 Resp: 452683
Ion Ratio Lower Upper
166 100
165 98.7 78.4 117.6
167 13.3 10.6 15.8





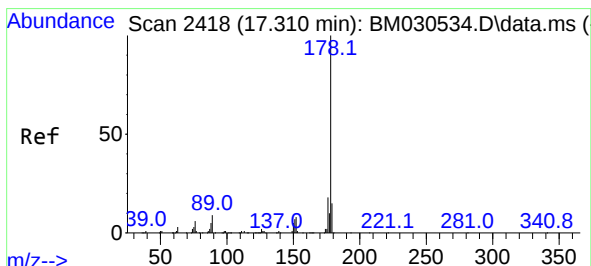
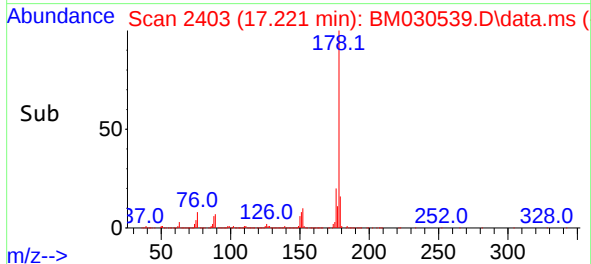
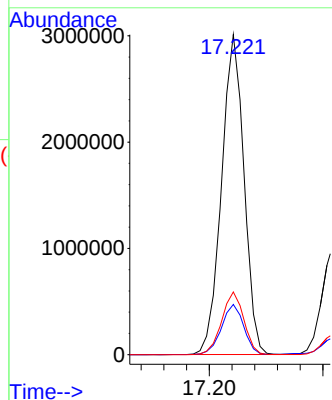
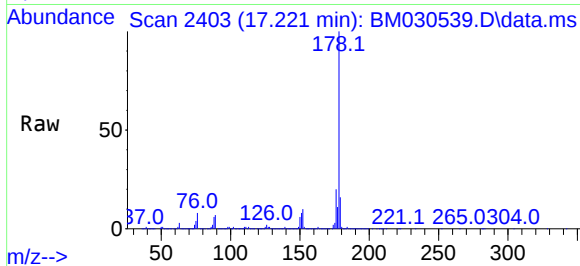
#72
Phenanthrene
Concen: 97.329 ng/u1
RT: 17.221 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BM030539.D
Acq: 23 Jun 2021 06:13

Tgt Ion:178 Resp: 4133720
Ion Ratio Lower Upper
178 100
179 15.7 12.1 18.1
176 19.6 15.2 22.8

Instrument :
BNA_M
ClientSampled :
BGDB2

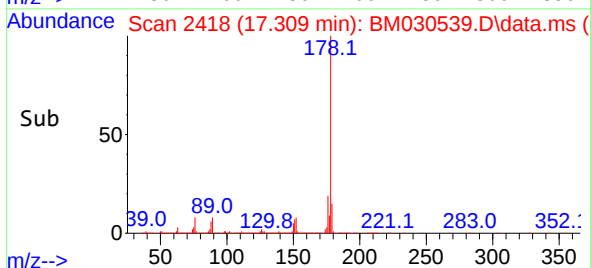
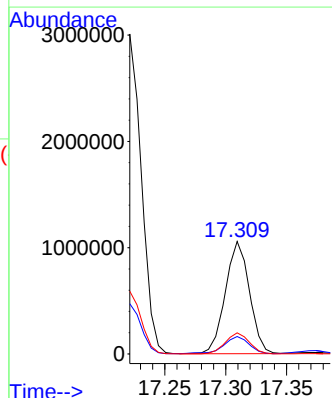
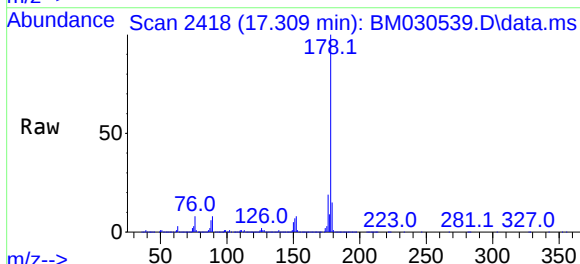
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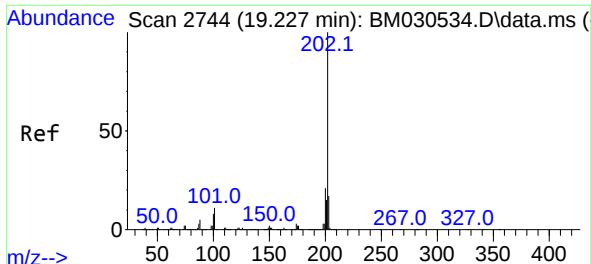
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#74
Anthracene
Concen: 33.609 ng/u1
RT: 17.309 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM030539.D
Acq: 23 Jun 2021 06:13

Tgt Ion:178 Resp: 1459472
Ion Ratio Lower Upper
178 100
179 15.5 12.1 18.1
176 18.8 15.2 22.8





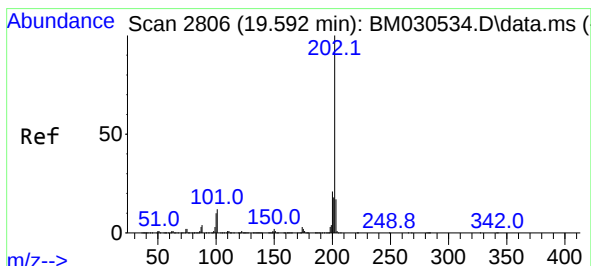
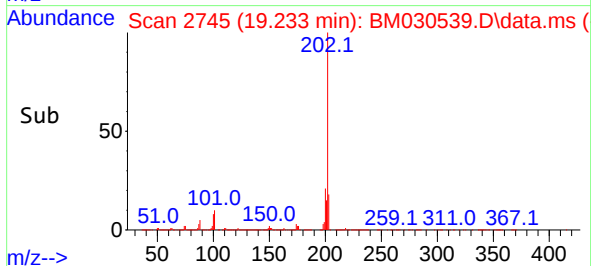
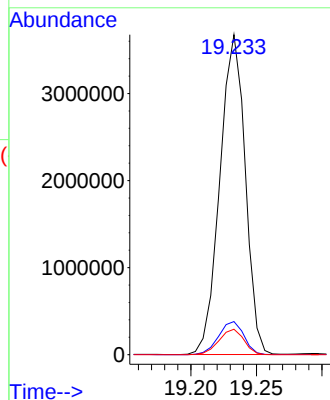
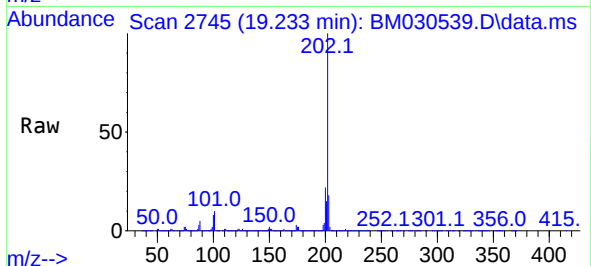
#80
Fluoranthene
Concen: 103.151 ng/u1
RT: 19.233 min Scan# 2745
Delta R.T. -0.000 min
Lab File: BM030539.D
Acq: 23 Jun 2021 06:13

Tgt Ion:202 Resp: 4948944
Ion Ratio Lower Upper
202 100
101 10.4 8.8 13.2
100 7.9 6.8 10.2

Instrument :
BNA_M
ClientSampled :
BGDB2

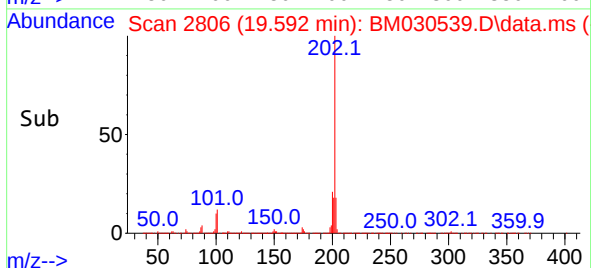
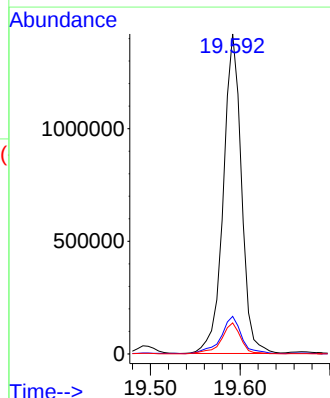
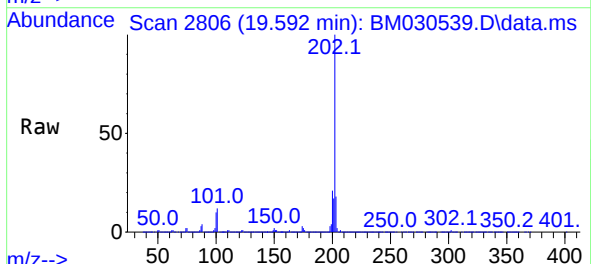
Manual Integrations
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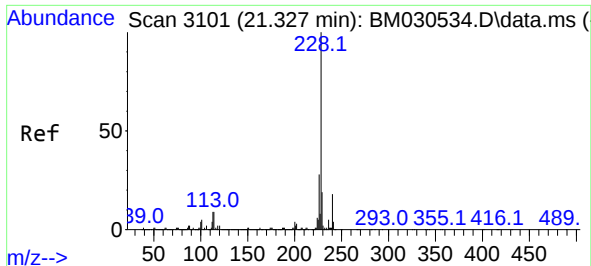
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#82
Pyrene
Concen: 39.470 ng/u1
RT: 19.592 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BM030539.D
Acq: 23 Jun 2021 06:13

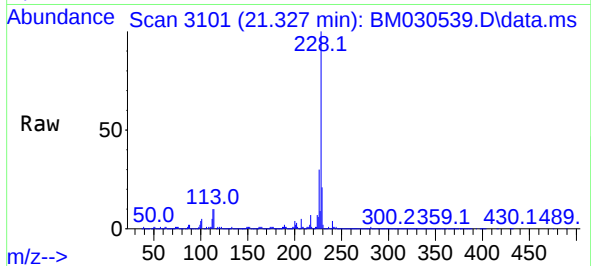
Tgt Ion:202 Resp: 1989762
Ion Ratio Lower Upper
202 100
101 11.8 10.0 15.0
100 9.7 8.5 12.7





#85
Benzo(a)anthracene
Concen: 47.281 ng/ul
RT: 21.327 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM030539.D
Acq: 23 Jun 2021 06:13

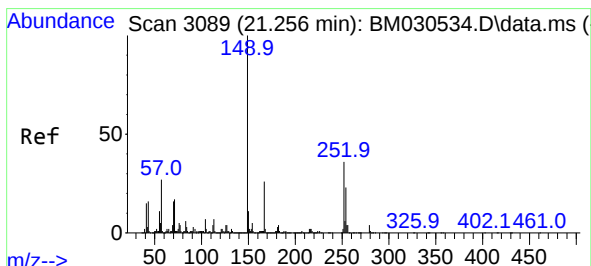
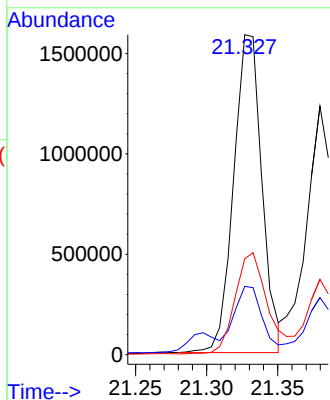
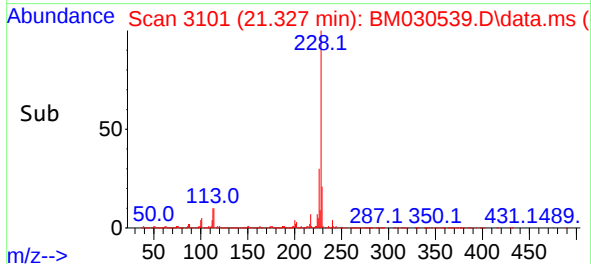
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BNA_M
ClientSampleId :
BGDB2



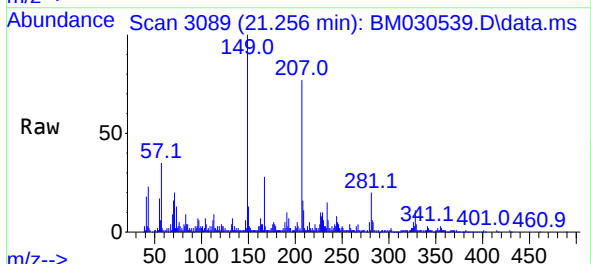
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Ion Ratio Lower Upper
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229 21.4 16.0 24.0
226 30.0 22.2 33.2

Manual Integrations
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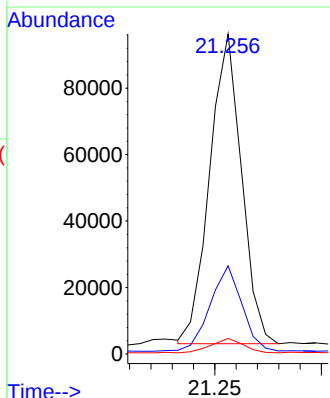
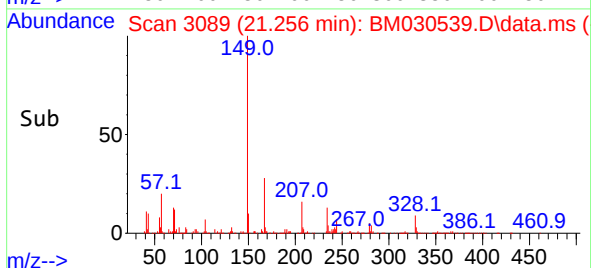
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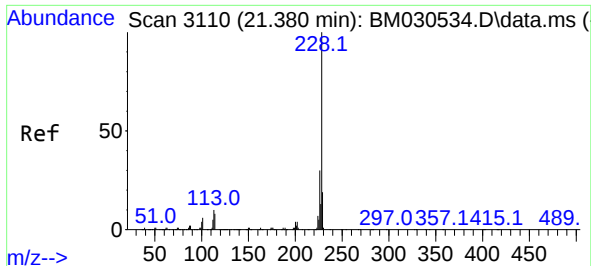


#86
Bis(2-ethylhexyl)phthalate
Concen: 4.057 ng/ul
RT: 21.256 min Scan# 3089
Delta R.T. -0.006 min
Lab File: BM030539.D
Acq: 23 Jun 2021 06:13



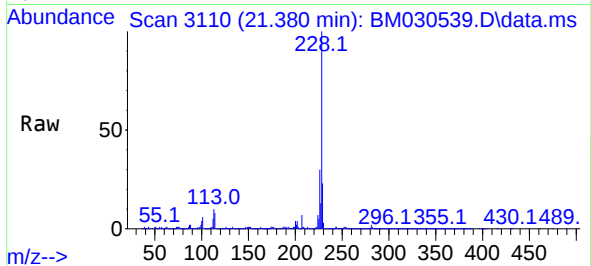
Tgt Ion:149 Resp: 96836
Ion Ratio Lower Upper
149 100
167 27.6 20.7 31.1
279 4.8 3.0 4.4#





#87
Chrysene
Concen: 35.882 ng/ul
RT: 21.380 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM030539.D
Acq: 23 Jun 2021 06:13

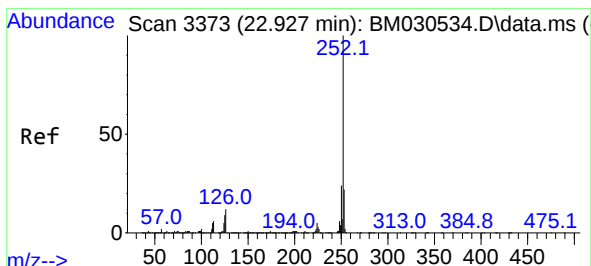
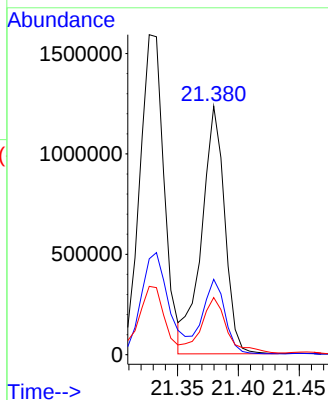
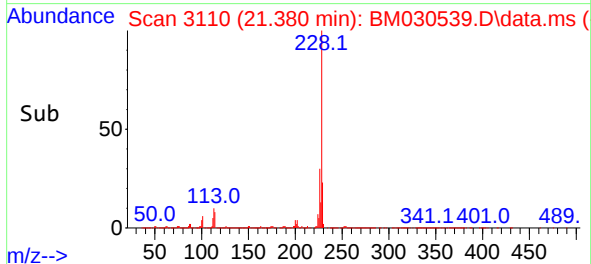
Instrument :
BNA_M
ClientSampled :
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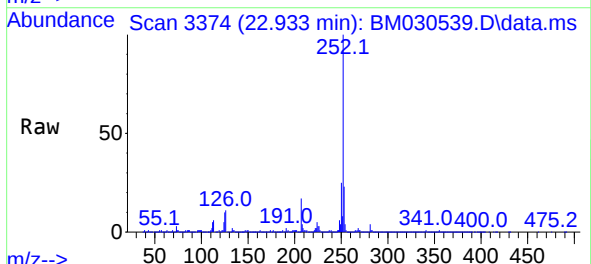
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Ion Ratio Lower Upper
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226 30.3 23.6 35.4
229 23.0 15.9 23.9

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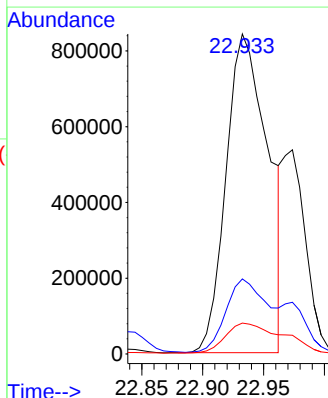
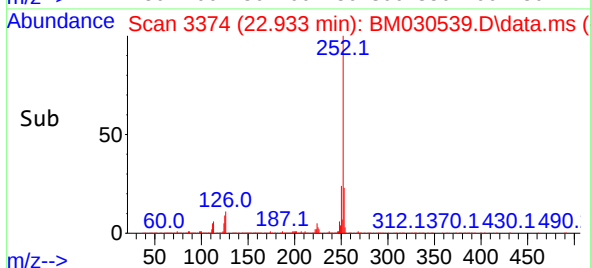
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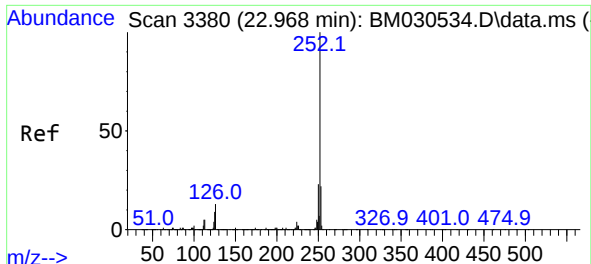


#90
Benzo(b)fluoranthene
Concen: 38.147 ng/ul
RT: 22.933 min Scan# 3374
Delta R.T. -0.006 min
Lab File: BM030539.D
Acq: 23 Jun 2021 06:13



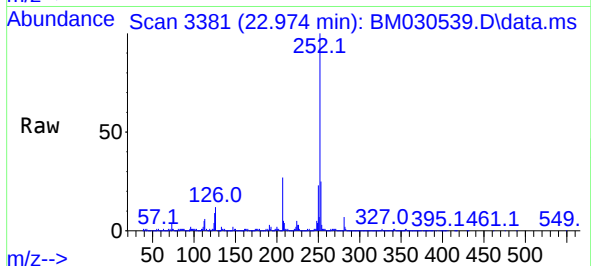
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Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.6
125 9.7 7.7 11.5





#91
Benzo(k)fluoranthene
Concen: 13.594 ng/ul m
RT: 22.974 min Scan# 3381
Delta R.T. -0.012 min
Lab File: BM030539.D
Acq: 23 Jun 2021 06:13

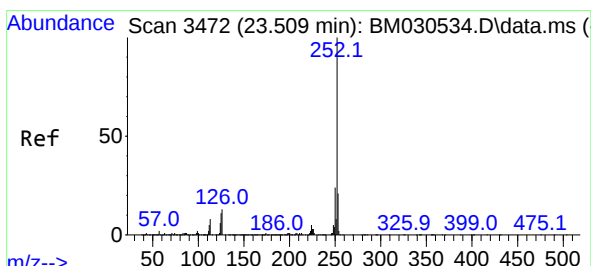
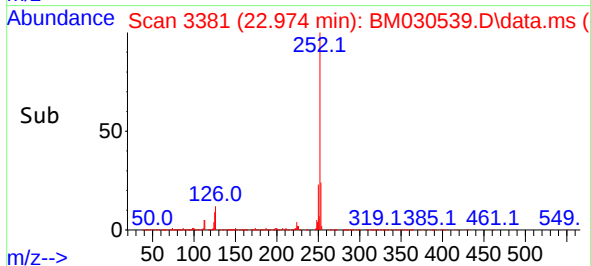
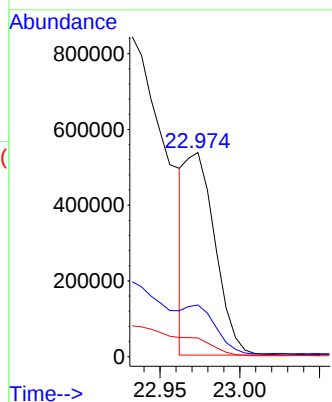
Instrument :
BNA_M
ClientSampled :
BGDB2



Tgt Ion:252 Resp: 690201
Ion Ratio Lower Upper
252 100
253 25.3 17.4 26.2
125 9.2 7.9 11.9

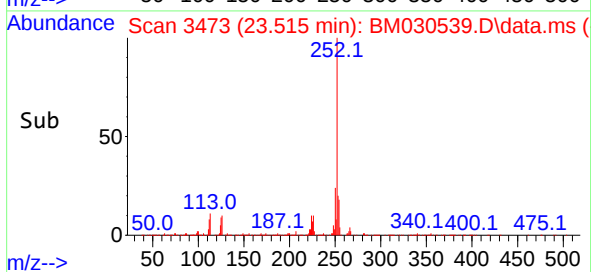
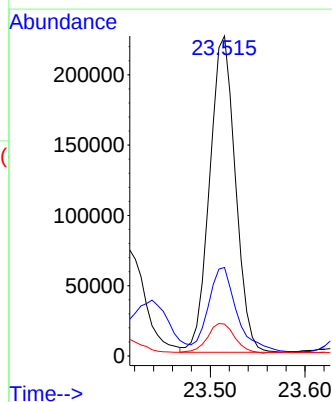
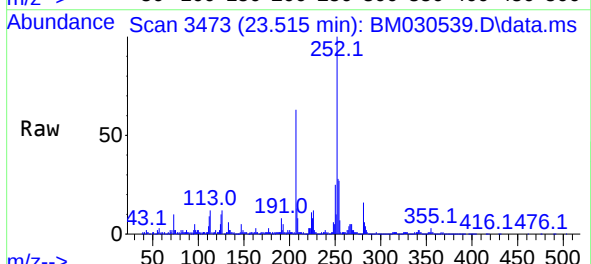
Manual Integrations
APPROVED

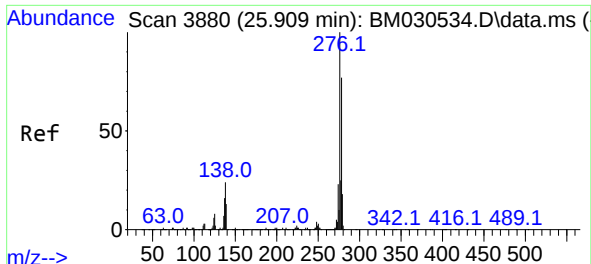
mohammad
6/23/2021 4:48:59 PM



#93
Benzo(a)pyrene
Concen: 8.955 ng/ul
RT: 23.515 min Scan# 3473
Delta R.T. -0.012 min
Lab File: BM030539.D
Acq: 23 Jun 2021 06:13

Tgt Ion:252 Resp: 425400
Ion Ratio Lower Upper
252 100
253 27.6 17.5 26.3#
125 9.9 8.6 13.0





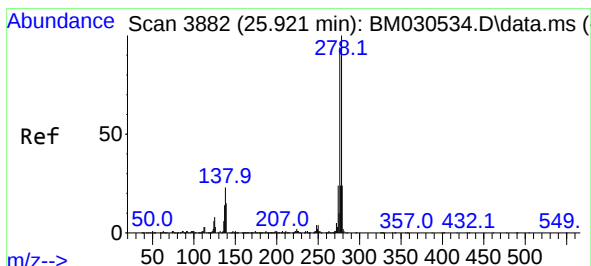
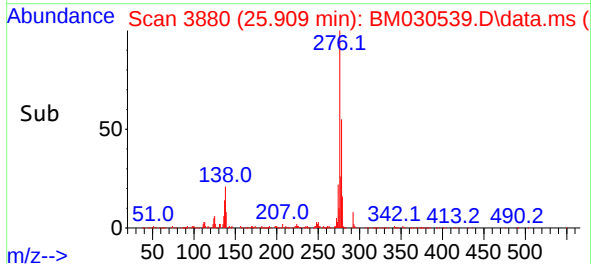
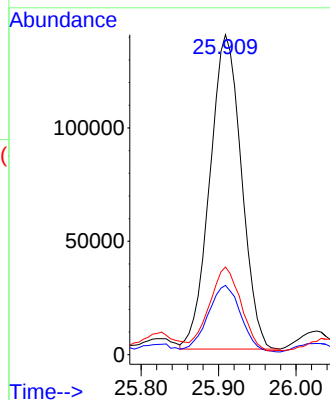
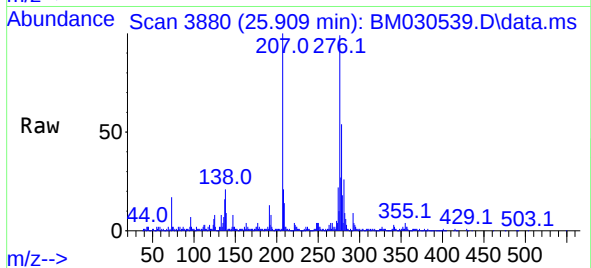
#94
Indeno(1,2,3-cd)pyrene
Concen: 6.569 ng/ul
RT: 25.909 min Scan# 3880
Delta R.T. -0.024 min
Lab File: BM030539.D
Acq: 23 Jun 2021 06:13

Tgt Ion: 276 Resp: 392830
Ion Ratio Lower Upper
276 100
138 21.6 19.5 29.3
277 27.4 19.6 29.4

Instrument :
BNA_M
ClientSampled :
BGDB2

Manual Integrations
APPROVED

mohammad
6/23/2021 4:48:59 PM



#95
Dibenzo(a,h)anthracene
Concen: 5.078 ng/ul
RT: 25.915 min Scan# 3881
Delta R.T. -0.024 min
Lab File: BM030539.D
Acq: 23 Jun 2021 06:13

Tgt Ion: 278 Resp: 251735
Ion Ratio Lower Upper
278 100
139 15.3 12.8 19.2
279 30.1 19.1 28.7#

