

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
 Data File : BM030524.D
 Acq On : 22 Jun 2021 20:32
 Operator : CG/JU
 Sample : M2662-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD91

Manual Integrations
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Quant Time: Jun 23 01:32:02 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	7.810	152	163894	20.000	ng/u1	0.00
20) Naphthalene-d8	10.598	136	654424	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	382209	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	698024	20.000	ng/u1	0.00
79) Chrysene-d12	21.345	240	664562	20.000	ng/u1	0.00
88) Perylene-d12	23.615	264	730254	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	13778	3.408	ng/uL	0.00
4) Pyridine-d5	3.710	84	87498	8.056	ng/u1	0.01
7) Phenol-d5	6.975	99	233448	16.516	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	154167	17.352	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	193569	17.741	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	188178	17.107	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	87754	17.970	ng/u1	0.00
24) 2-Nitrophenol-d4	9.687	143	93698	17.265	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	178762	17.195	ng/u1	0.00
31) 4-Chloroaniline-d4	10.739	131	174940	12.067	ng/u1	0.00
46) Dimethylphthalate-d6	13.851	166	517273	19.601	ng/u1	0.00
49) Acenaphthylene-d8	14.133	160	633830	18.503	ng/u1	0.00
54) 4-Nitrophenol-d4	14.645	143	37904	7.581	ng/u1	0.00
60) Fluorene-d10	15.433	176	448784	19.173	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	50216	10.996	ng/u1	0.00
73) Anthracene-d10	17.274	188	660315	20.270	ng/u1	0.00
81) Pyrene-d10	19.562	212	454696	13.058	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.474	264	276357	7.279	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.163	152	61422	1.933	ng/u1	98
52) Acenaphthene	14.504	153	35300	1.531	ng/u1	99
61) Fluorene	15.486	166	39651	1.497	ng/u1	96
72) Phenanthrene	17.221	178	1074133	28.655	ng/u1	99
74) Anthracene	17.310	178	224288	5.852	ng/u1	99
77) Carbazole	17.580	167	41612	1.211	ng/u1	98
80) Fluoranthene	19.233	202	2093232	49.220	ng/u1	98
82) Pyrene	19.592	202	1290830	28.886	ng/u1	99
85) Benzo(a)anthracene	21.333	228	1169515	28.357	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.256	149	606481	28.666	ng/u1	99
87) Chrysene	21.380	228	1054977	26.240	ng/u1	97
90) Benzo(b)fluoranthene	22.933	252	1270712	27.408	ng/u1	99
91) Benzo(k)fluoranthene	22.974	252	449597m	10.091	ng/u1	
93) Benzo(a)pyrene	23.515	252	318859	7.649	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	25.915	276	306836	5.847	ng/u1	97
95) Dibenzo(a,h)anthracene	25.921	278	154097	3.542	ng/u1	94

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

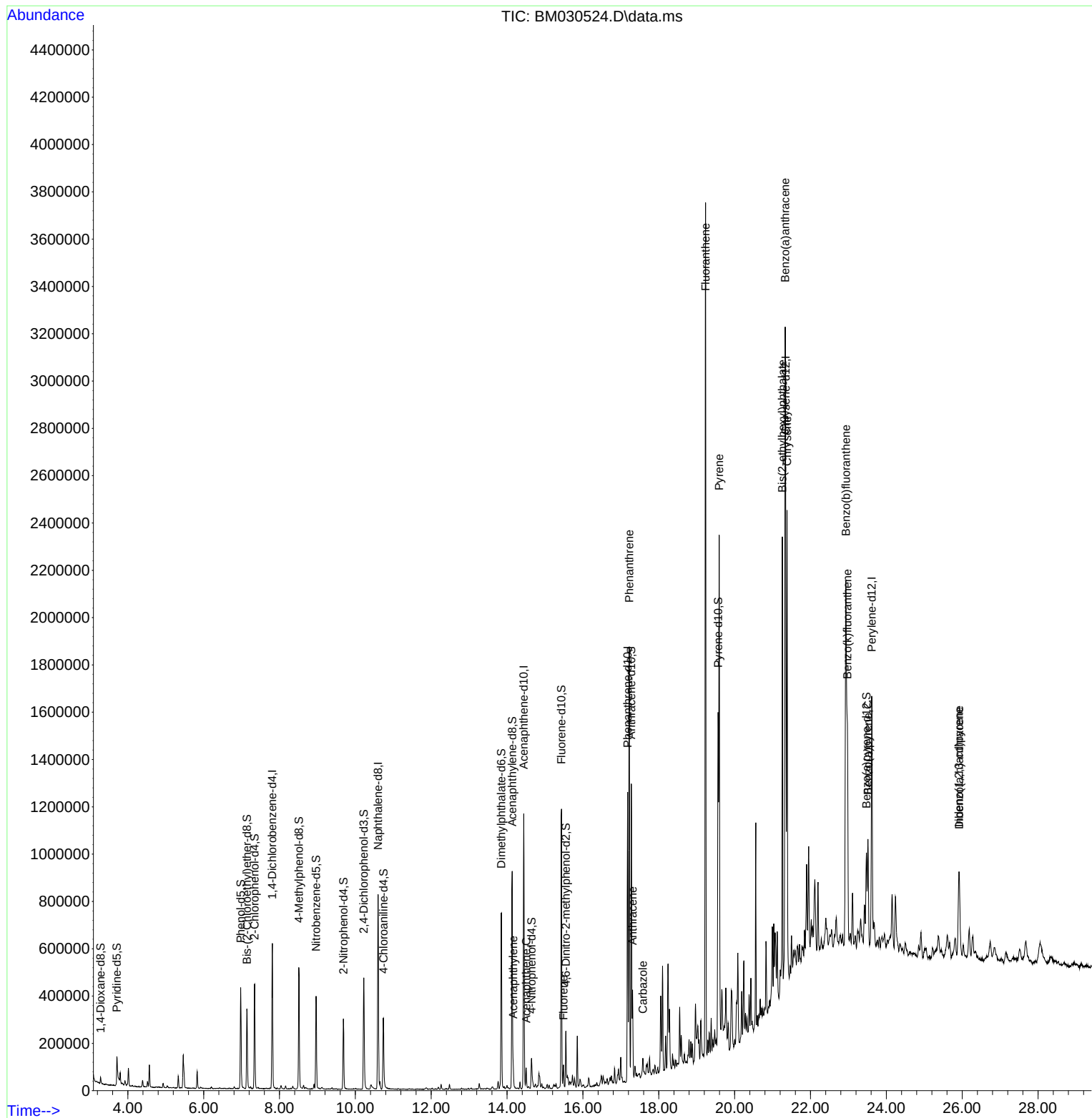
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Data File : BM030524.D
Acq On : 22 Jun 2021 20:32
Operator : CG/JU
Sample : M2662-19
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ALS Vial : 16 Sample Multiplier: 1

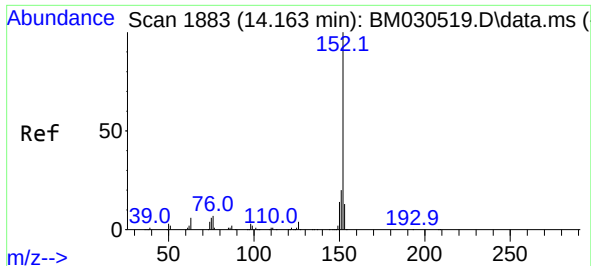
Instrument :
BNA_M
ClientSampleId :
BGD91

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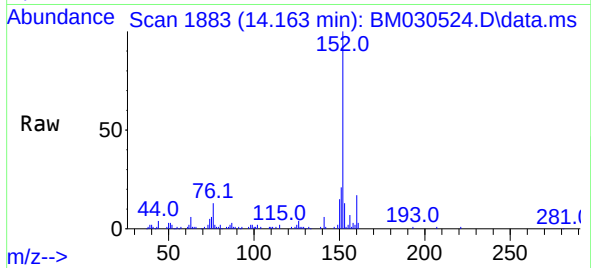
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Quant Time: Jun 23 01:32:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 22 15:07:37 2021
Response via : Initial Calibration





#50
Acenaphthylene
Concen: 1.933 ng/ul
RT: 14.163 min Scan# 1883
Delta R.T. -0.000 min
Lab File: BM030524.D
Acq: 22 Jun 2021 20:32



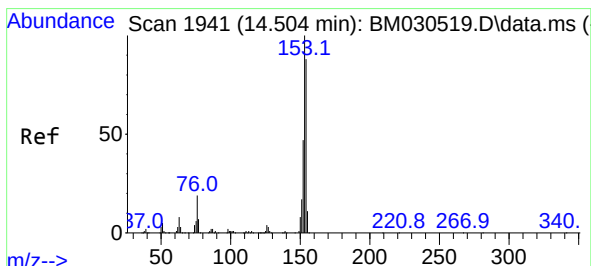
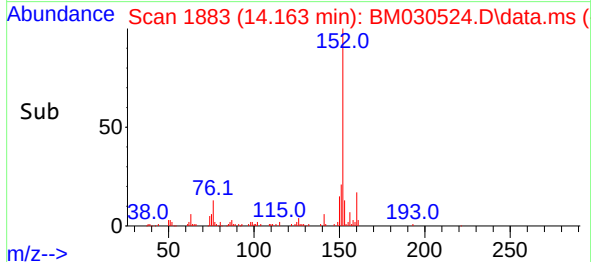
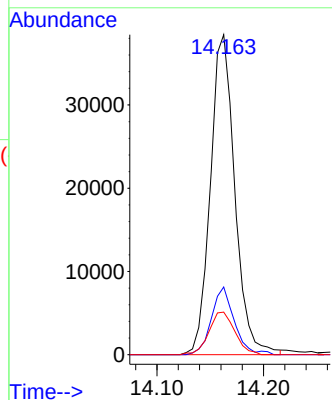
Tgt Ion:152 Resp: 61422

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.2	24.2
153	13.3	10.2	15.4

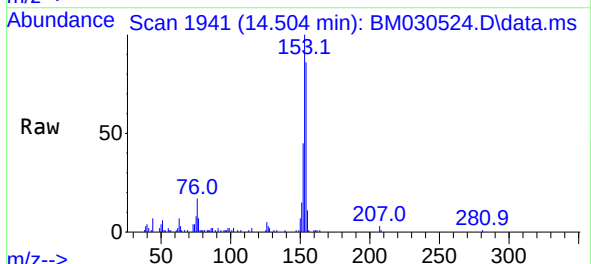
Instrument :
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ClientSampleId :
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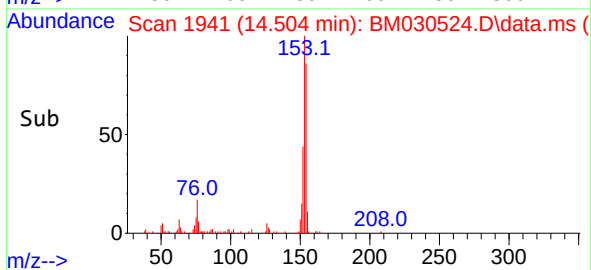
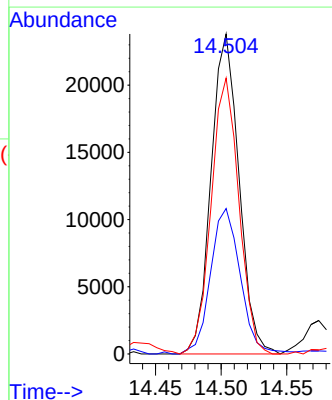


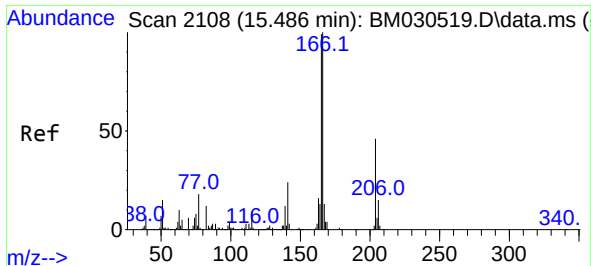
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Acenaphthene
Concen: 1.531 ng/ul
RT: 14.504 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BM030524.D
Acq: 22 Jun 2021 20:32



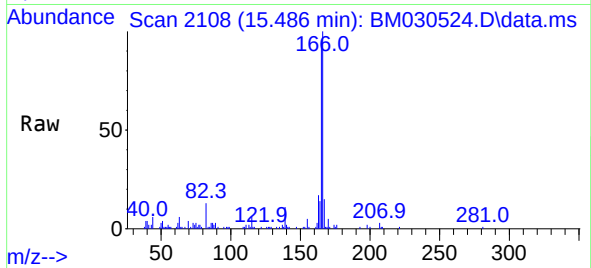
Tgt Ion:153 Resp: 35300

Ion	Ratio	Lower	Upper
153	100		
152	45.4	37.4	56.2
154	86.2	69.4	104.0

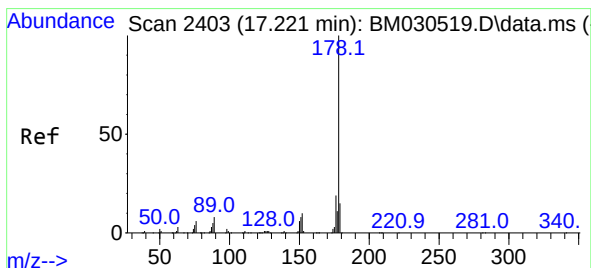
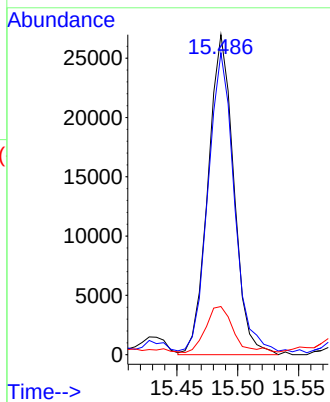
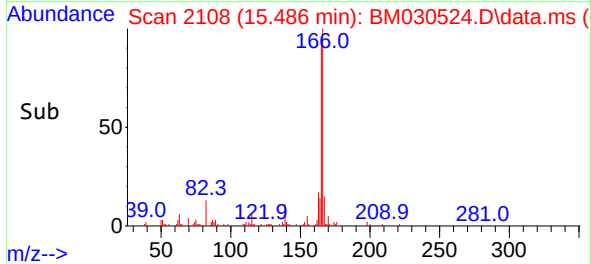




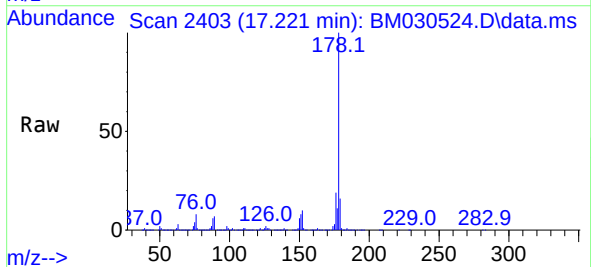
#61
Fluorene
Concen: 1.497 ng/ul
RT: 15.486 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BM030524.D
Acq: 22 Jun 2021 20:32



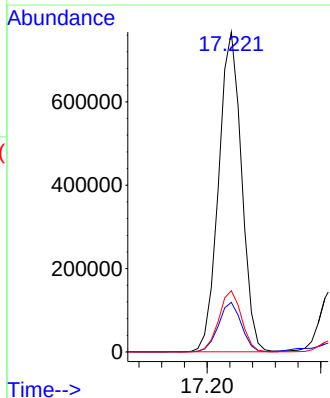
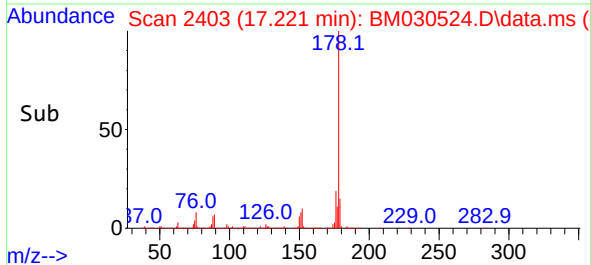
Tgt Ion:166 Resp: 39651
Ion Ratio Lower Upper
166 100
165 94.4 78.4 117.6
167 15.1 10.6 15.8



#72
Phenanthrene
Concen: 28.655 ng/ul
RT: 17.221 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BM030524.D
Acq: 22 Jun 2021 20:32



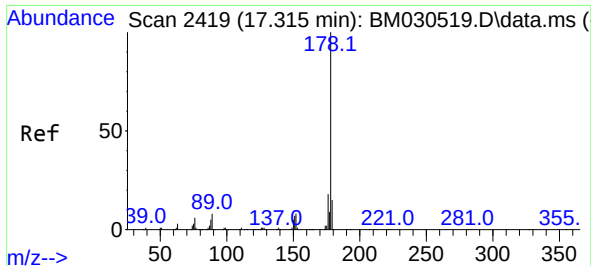
Tgt Ion:178 Resp: 1074133
Ion Ratio Lower Upper
178 100
179 15.5 12.1 18.1
176 19.1 15.2 22.8



Instrument :
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ClientSampled :
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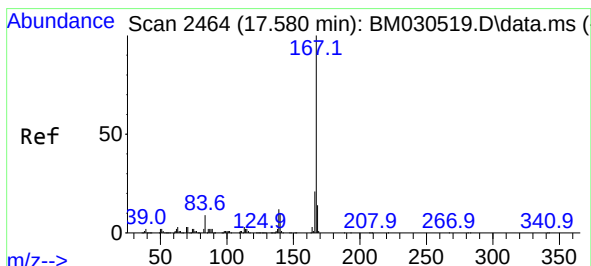
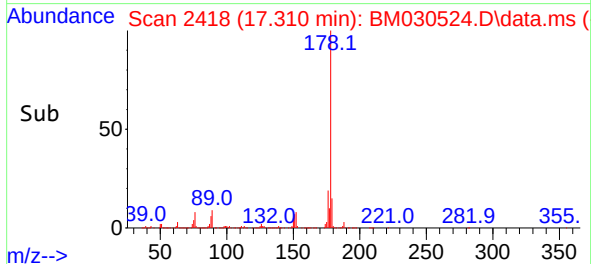
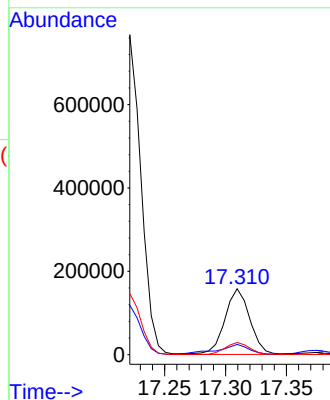
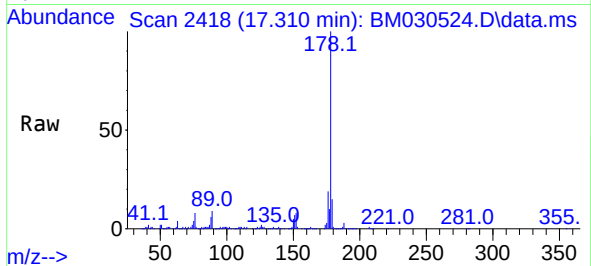
#74
 Anthracene
 Concen: 5.852 ng/ul
 RT: 17.310 min Scan# 2418
 Delta R.T. -0.006 min
 Lab File: BM030524.D
 Acq: 22 Jun 2021 20:32

Tgt Ion:178 Resp: 224288
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.1 18.1
 176 18.6 15.2 22.8

Instrument :
 BNA_M
 ClientSampled :
 BGD91

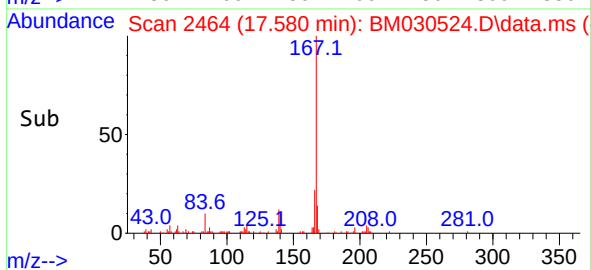
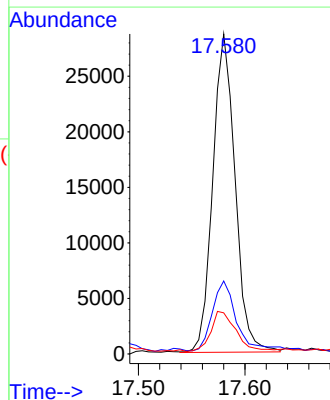
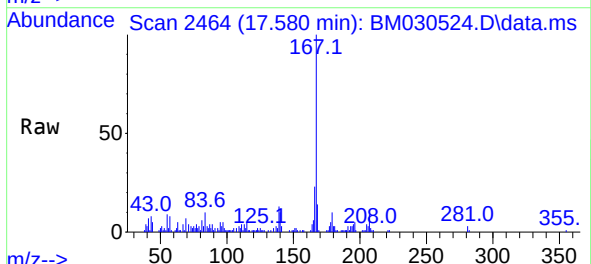
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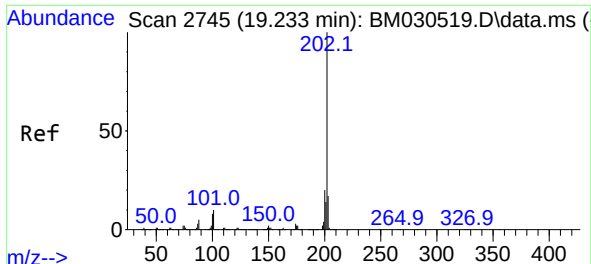
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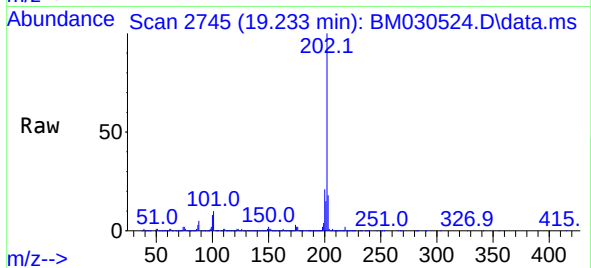
#77
 Carbazole
 Concen: 1.211 ng/ul
 RT: 17.580 min Scan# 2464
 Delta R.T. -0.006 min
 Lab File: BM030524.D
 Acq: 22 Jun 2021 20:32

Tgt Ion:167 Resp: 41612
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.0 25.6
 139 12.8 9.9 14.9

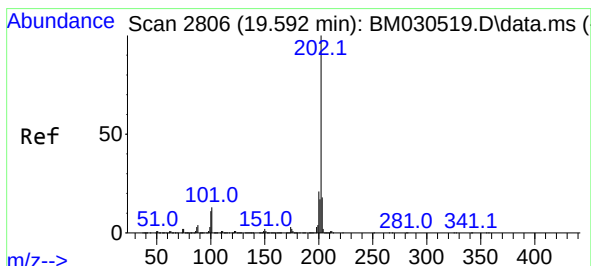
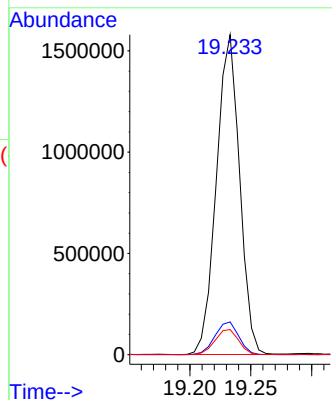
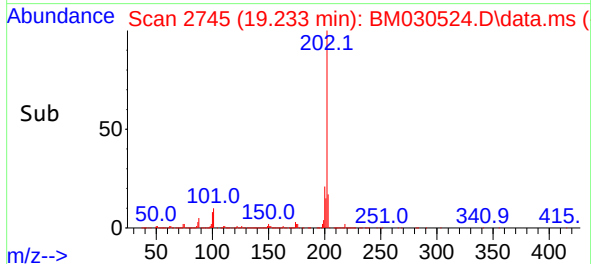




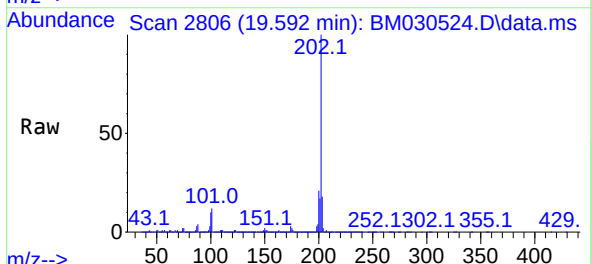
#80
Fluoranthene
Concen: 49.220 ng/u1
RT: 19.233 min Scan# 2745
Delta R.T. -0.000 min
Lab File: BM030524.D
Acq: 22 Jun 2021 20:32



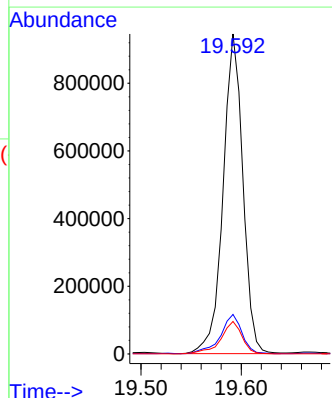
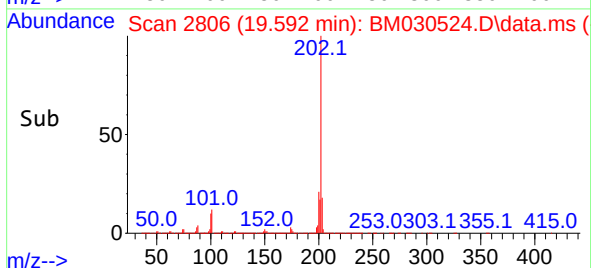
Tgt Ion:202 Resp: 2093232
Ion Ratio Lower Upper
202 100
101 10.2 8.8 13.2
100 7.9 6.8 10.2



#82
Pyrene
Concen: 28.886 ng/u1
RT: 19.592 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BM030524.D
Acq: 22 Jun 2021 20:32



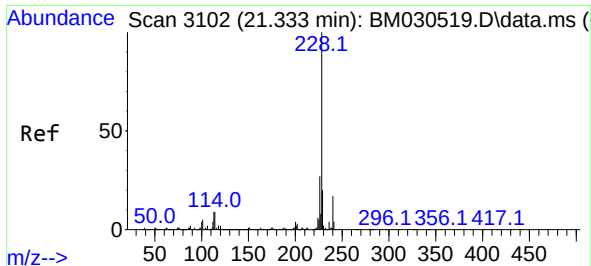
Tgt Ion:202 Resp: 1290830
Ion Ratio Lower Upper
202 100
101 12.4 10.0 15.0
100 10.2 8.5 12.7



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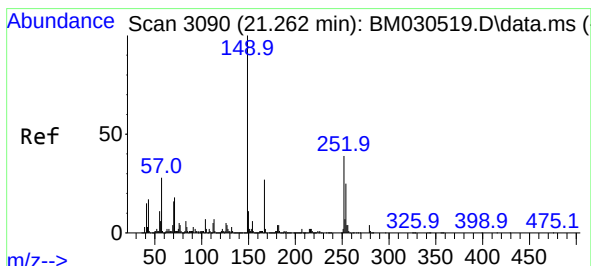
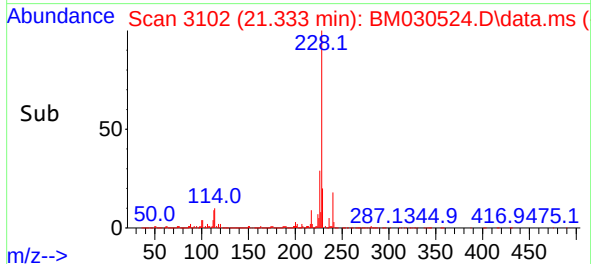
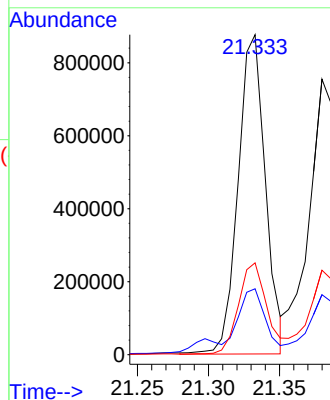
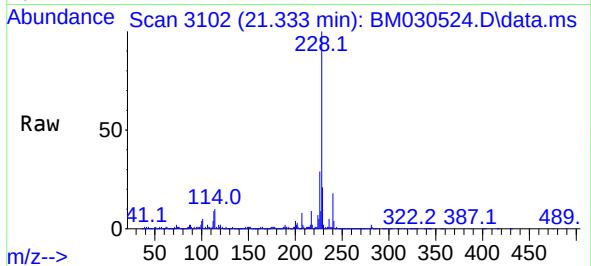
#85
Benzo(a)anthracene
Concen: 28.357 ng/ul
RT: 21.333 min Scan# 3102
Delta R.T. -0.000 min
Lab File: BM030524.D
Acq: 22 Jun 2021 20:32

Tgt Ion:228 Resp: 1169515
Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 28.7 22.2 33.2

Instrument :
BNA_M
ClientSampled :
BGD91

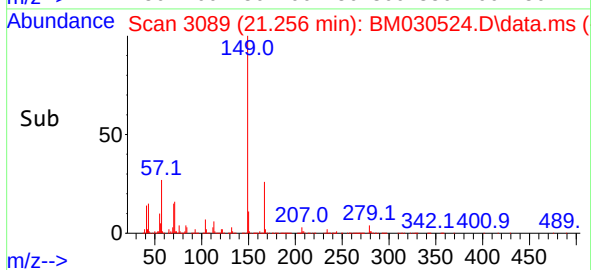
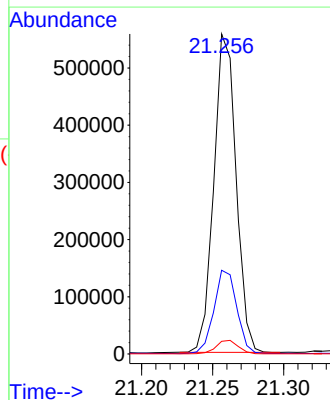
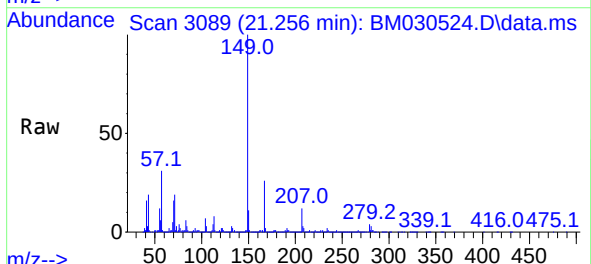
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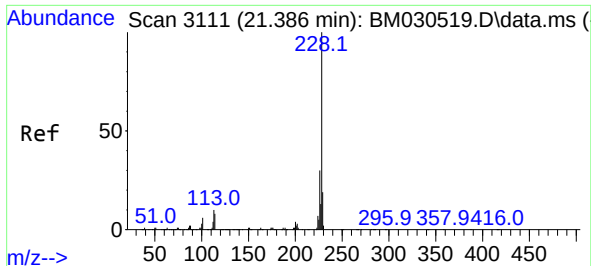
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#86
Bis(2-ethylhexyl)phthalate
Concen: 28.666 ng/ul
RT: 21.256 min Scan# 3089
Delta R.T. -0.006 min
Lab File: BM030524.D
Acq: 22 Jun 2021 20:32

Tgt Ion:149 Resp: 606481
Ion Ratio Lower Upper
149 100
167 26.2 20.7 31.1
279 3.9 3.0 4.4





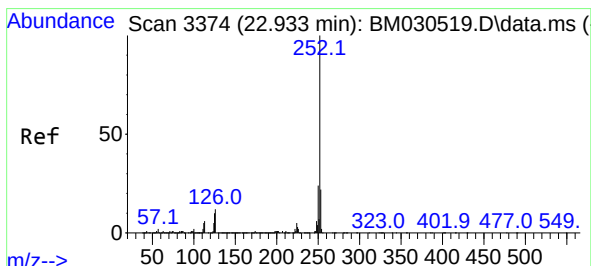
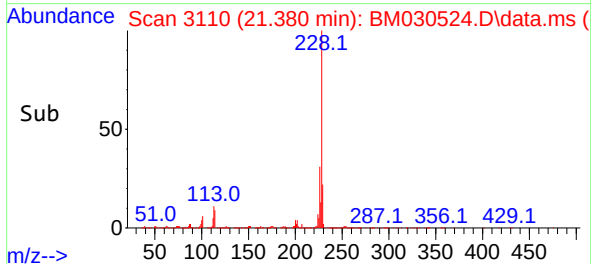
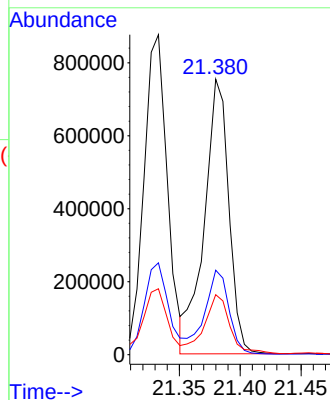
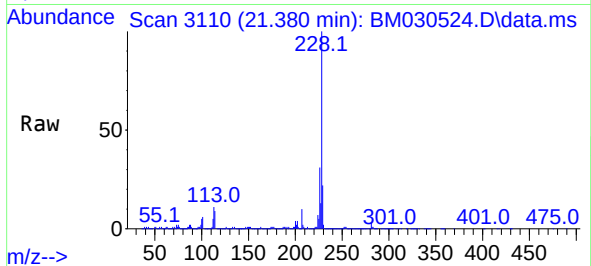
#87
Chrysene
Concen: 26.240 ng/ul
RT: 21.380 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM030524.D
Acq: 22 Jun 2021 20:32

Tgt Ion:228 Resp: 1054977
Ion Ratio Lower Upper
228 100
226 30.6 23.6 35.4
229 21.8 15.9 23.9

Instrument :
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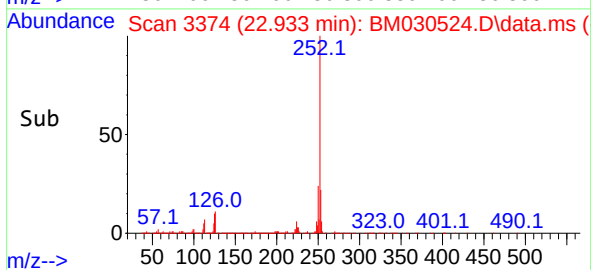
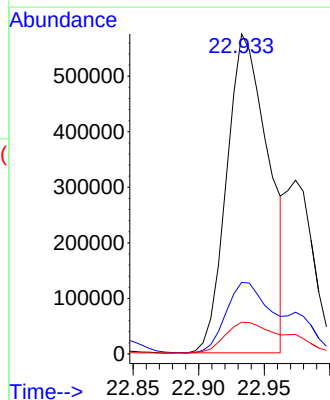
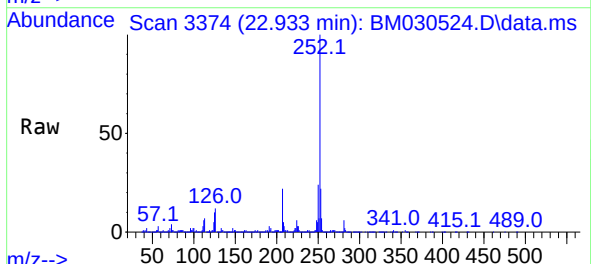
Manual Integrations
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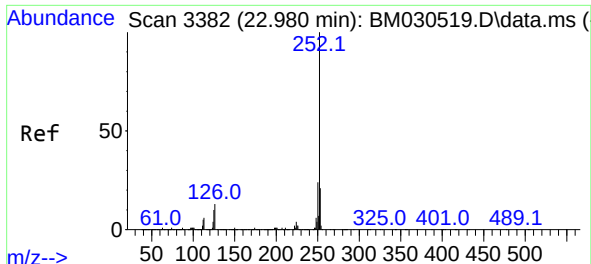
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#90
Benzo(b)fluoranthene
Concen: 27.408 ng/ul
RT: 22.933 min Scan# 3374
Delta R.T. -0.006 min
Lab File: BM030524.D
Acq: 22 Jun 2021 20:32

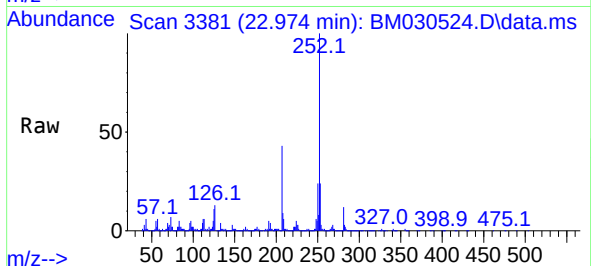
Tgt Ion:252 Resp: 1270712
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 9.9 7.7 11.5





#91
Benzo(k)fluoranthene
Concen: 10.091 ng/ul m
RT: 22.974 min Scan# 3381
Delta R.T. -0.012 min
Lab File: BM030524.D
Acq: 22 Jun 2021 20:32

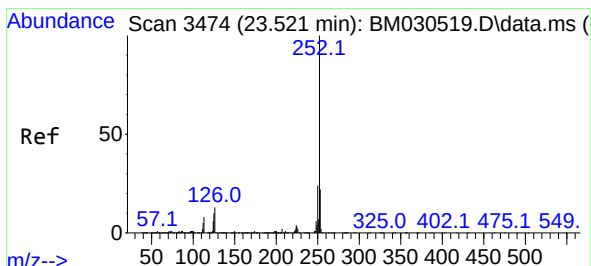
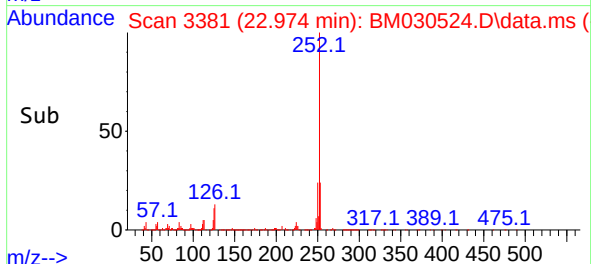
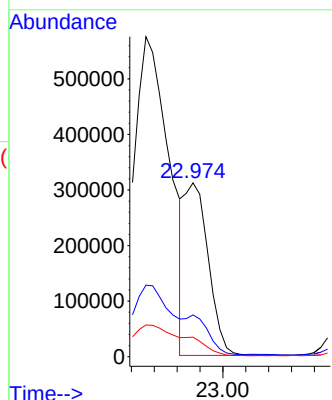
Instrument :
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ClientSampled :
BGD91



Tgt Ion:252 Resp: 449597
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.2
125 11.2 7.9 11.9

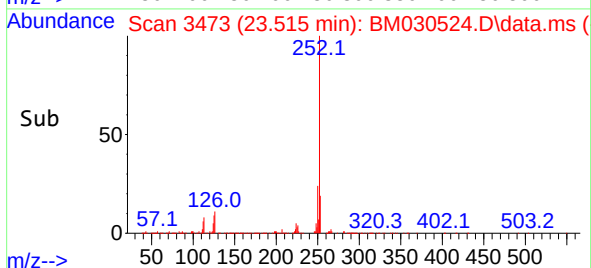
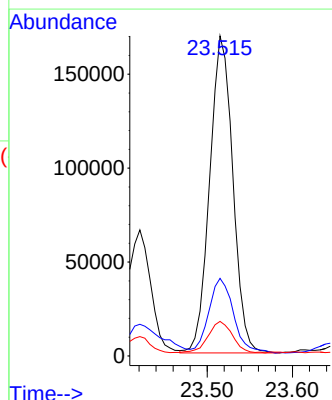
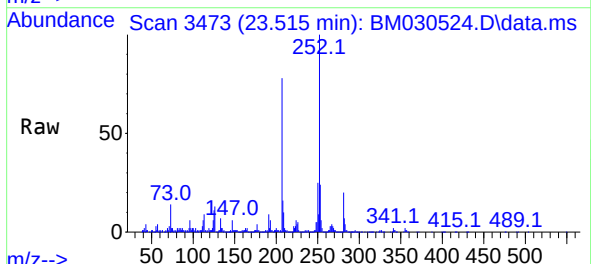
Manual Integrations
APPROVED

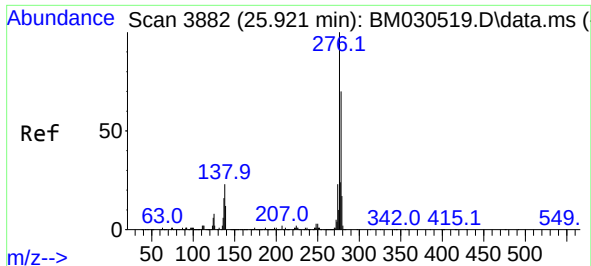
mohammad
6/23/2021 4:48:32 PM



#93
Benzo(a)pyrene
Concen: 7.649 ng/ul
RT: 23.515 min Scan# 3473
Delta R.T. -0.012 min
Lab File: BM030524.D
Acq: 22 Jun 2021 20:32

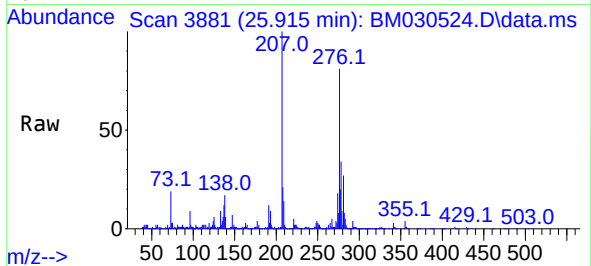
Tgt Ion:252 Resp: 318859
Ion Ratio Lower Upper
252 100
253 24.3 17.5 26.3
125 10.8 8.6 13.0





#94
Indeno(1,2,3-cd)pyrene
Concen: 5.847 ng/ul
RT: 25.915 min Scan# 3881
Delta R.T. -0.018 min
Lab File: BM030524.D
Acq: 22 Jun 2021 20:32

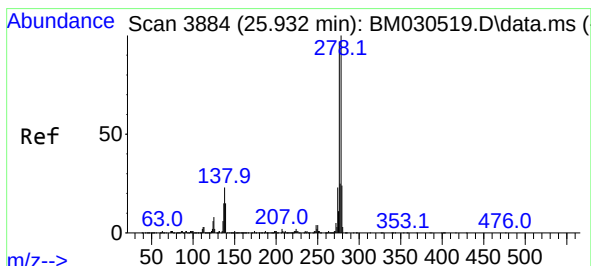
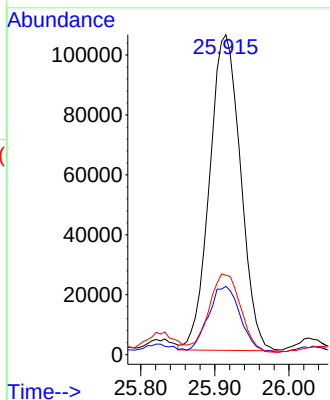
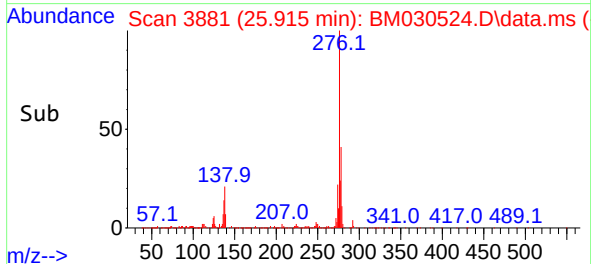
Instrument :
BNA_M
ClientSampled :
BGD91



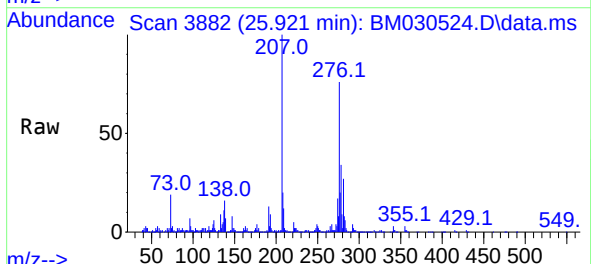
Tgt Ion:276 Resp: 306836
Ion Ratio Lower Upper
276 100
138 21.4 19.5 29.3
277 24.8 19.6 29.4

Manual Integrations
APPROVED

mohammad
6/23/2021 4:48:32 PM



#95
Dibenzo(a,h)anthracene
Concen: 3.542 ng/ul
RT: 25.921 min Scan# 3882
Delta R.T. -0.018 min
Lab File: BM030524.D
Acq: 22 Jun 2021 20:32



Tgt Ion:278 Resp: 154097
Ion Ratio Lower Upper
278 100
139 19.0 12.8 19.2
279 26.8 19.1 28.7

