

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062121\
 Data File : BM030504.D
 Acq On : 21 Jun 2021 14:19
 Operator : CG/JU
 Sample : M2649-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG5J0

Manual Integrations
 APPROVED

mohammad
 6/22/2021 8:16:23 AM

Quant Time: Jun 21 14:49:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 21 10:48:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	178042	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	658577	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	383739	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	740839	20.000	ng/u1	0.00
79) Chrysene-d12	21.356	240	741584	20.000	ng/u1	0.00
88) Perylene-d12	23.633	264	781001	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	9546	2.047	ng/uL	0.00
4) Pyridine-d5	3.746	84	1023	0.083	ng/u1	0.00
7) Phenol-d5	6.993	99	178404	11.529	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	127499	12.766	ng/u1	0.00
11) 2-Chlorophenol-d4	7.363	132	160079	14.304	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	123936	10.028	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	73121	16.220	ng/u1	0.00
24) 2-Nitrophenol-d4	9.698	143	78018	17.425	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	140908	14.448	ng/u1	0.00
31) 4-Chloroaniline-d4	10.751	131	79862	5.357	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	422934	16.060	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	532365	16.182	ng/u1	0.00
54) 4-Nitrophenol-d4	14.657	143	23219	4.710	ng/u1	0.01
60) Fluorene-d10	15.439	176	383538	16.268	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	31703	7.413	ng/u1	0.00
73) Anthracene-d10	17.280	188	577116	17.127	ng/u1	0.00
81) Pyrene-d10	19.574	212	661015	17.030	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.486	264	703794	18.072	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.169	152	34642	1.102	ng/u1	97
72) Phenanthrene	17.227	178	121998	3.046	ng/u1	97
80) Fluoranthene	19.239	202	347065	7.277	ng/u1	99
82) Pyrene	19.598	202	313835	6.222	ng/u1	98
85) Benzo(a)anthracene	21.339	228	208633	4.656	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.268	149	160697	6.692	ng/u1#	96
87) Chrysene	21.392	228	193842	4.387	ng/u1	97
90) Benzo(b)fluoranthene	22.945	252	316667	6.308	ng/u1	99
91) Benzo(k)fluoranthene	22.992	252	95412m	1.990	ng/u1	
93) Benzo(a)pyrene	23.533	252	214798	4.895	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	25.938	276	161385	2.988	ng/u1#	94
96) Benzo(g,h,i)perylene	26.644	276	139403	3.141	ng/u1	96

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

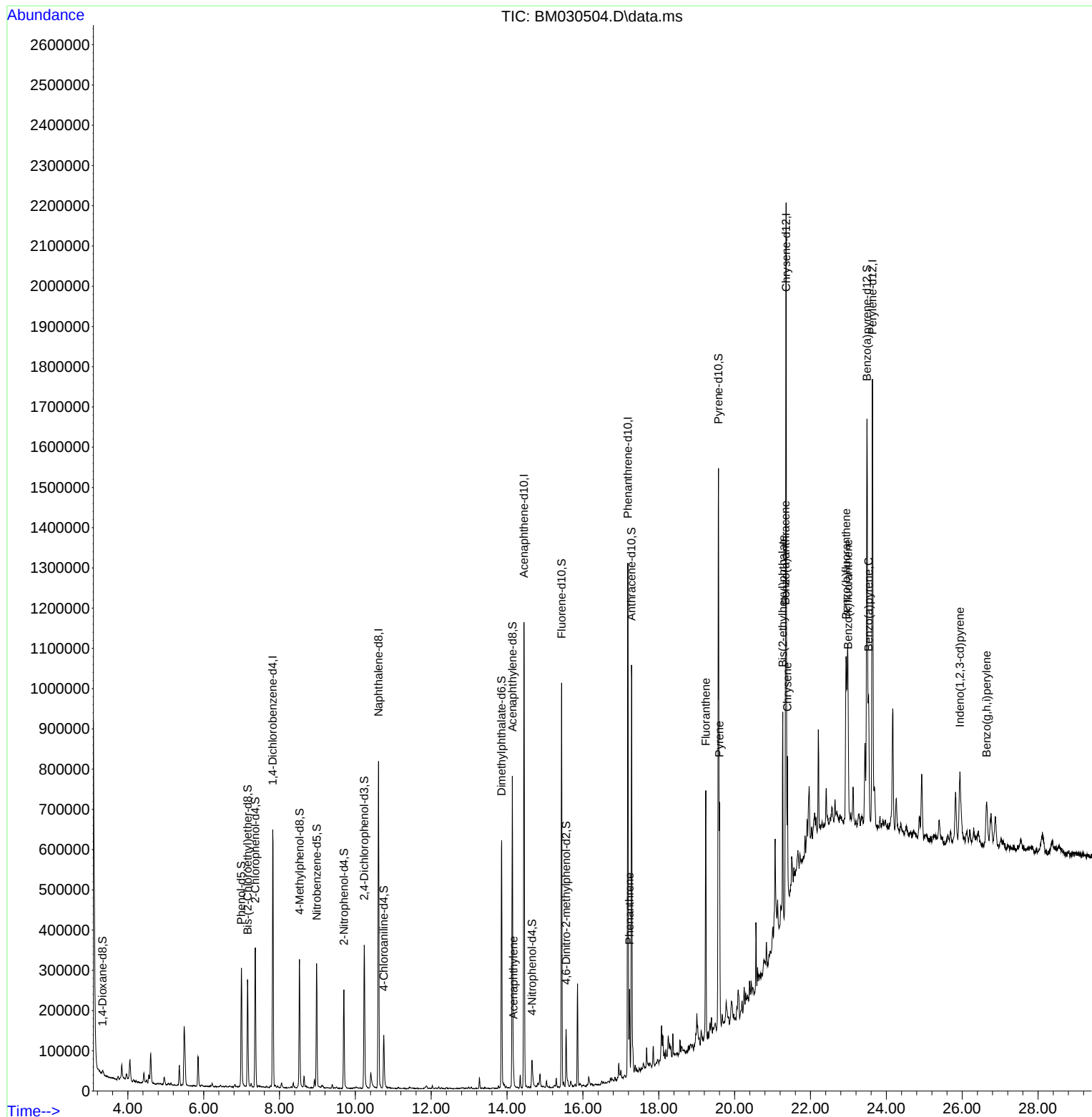
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062121\
Data File : BM030504.D
Acq On : 21 Jun 2021 14:19
Operator : CG/JU
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ALS Vial : 9 Sample Multiplier: 1

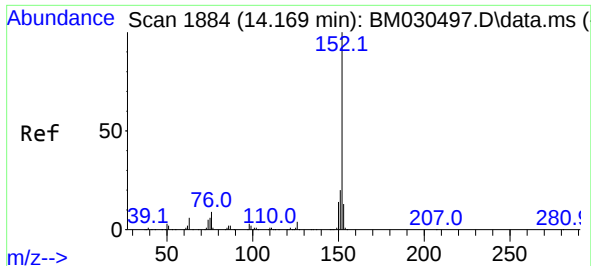
Instrument :
BNA_M
ClientSampleId :
BG5J0

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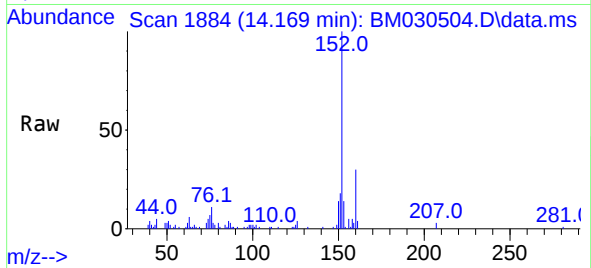
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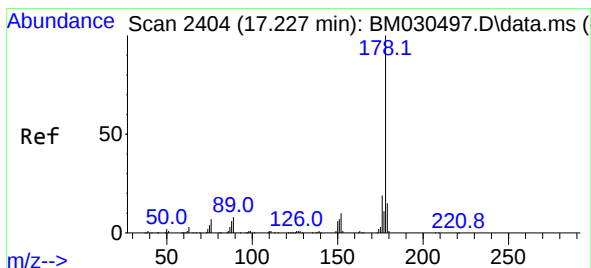
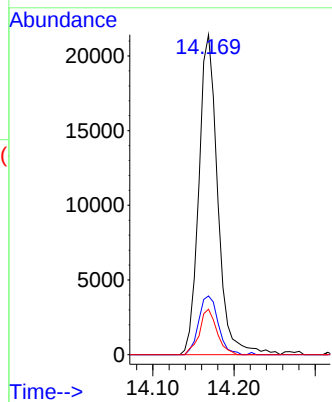
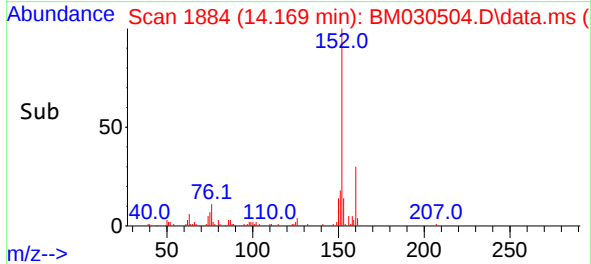




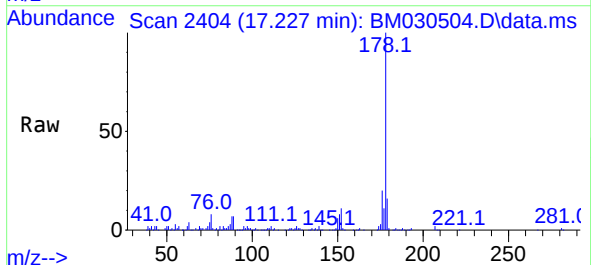
#50
Acenaphthylene
Concen: 1.102 ng/ul
RT: 14.169 min Scan# 1884
Delta R.T. 0.000 min
Lab File: BM030504.D
Acq: 21 Jun 2021 14:19



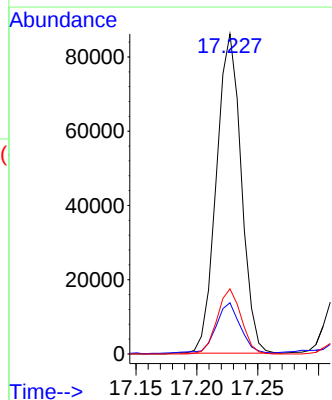
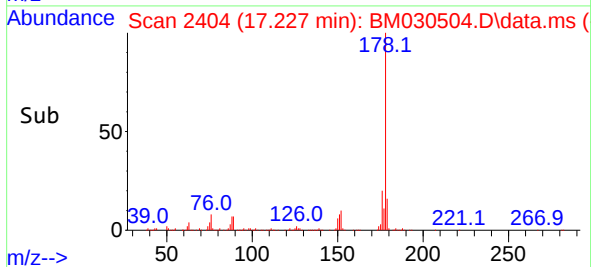
Tgt Ion:152 Resp: 34642
Ion Ratio Lower Upper
152 100
151 18.3 15.9 23.9
153 14.2 10.5 15.7



#72
Phenanthrene
Concen: 3.046 ng/ul
RT: 17.227 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BM030504.D
Acq: 21 Jun 2021 14:19



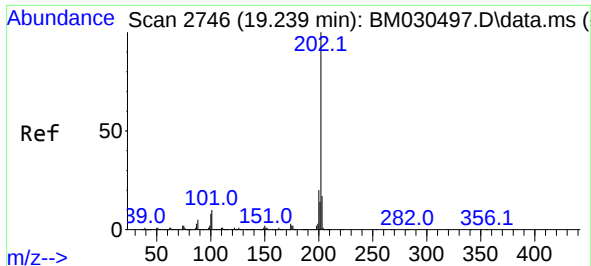
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Ion Ratio Lower Upper
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179 16.0 12.2 18.2
176 20.3 15.0 22.6



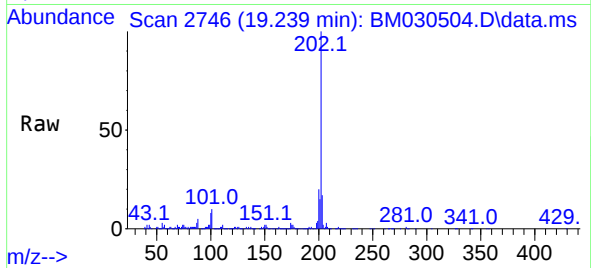
Instrument :
BNA_M
ClientSampled :
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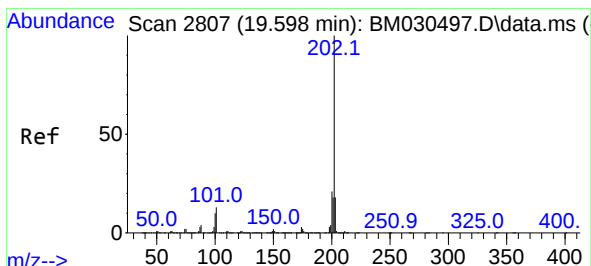
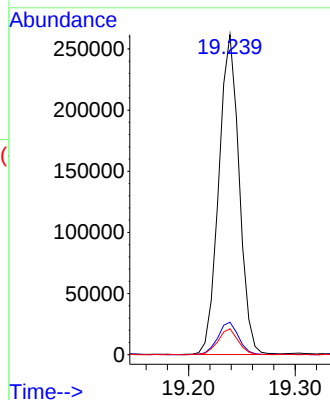
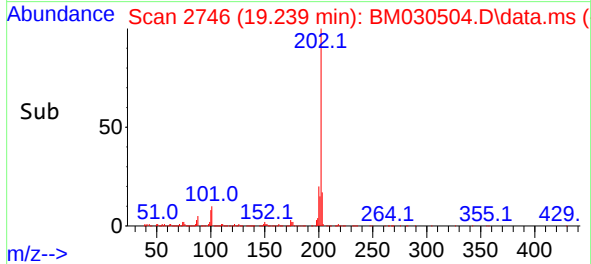
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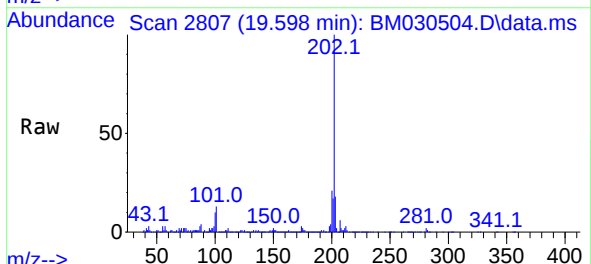
#80
Fluoranthene
Concen: 7.277 ng/ul
RT: 19.239 min Scan# 2746
Delta R.T. 0.000 min
Lab File: BM030504.D
Acq: 21 Jun 2021 14:19



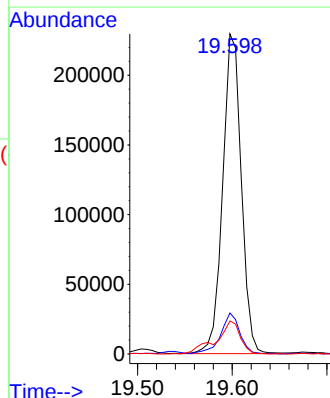
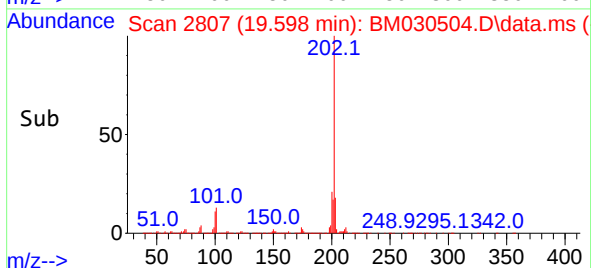
Tgt Ion:202 Resp: 347065
Ion Ratio Lower Upper
202 100
101 10.2 8.7 13.1
100 8.1 6.6 10.0



#82
Pyrene
Concen: 6.222 ng/ul
RT: 19.598 min Scan# 2807
Delta R.T. 0.000 min
Lab File: BM030504.D
Acq: 21 Jun 2021 14:19



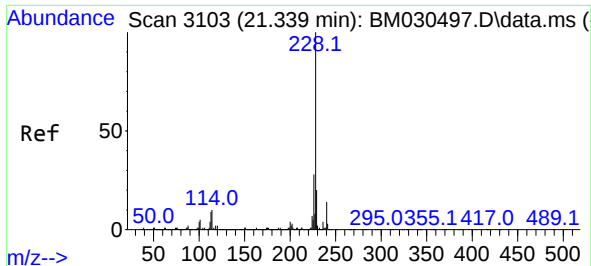
Tgt Ion:202 Resp: 313835
Ion Ratio Lower Upper
202 100
101 12.8 10.8 16.2
100 10.3 9.1 13.7



Instrument :
BNA_M
ClientSampled :
BG5J0

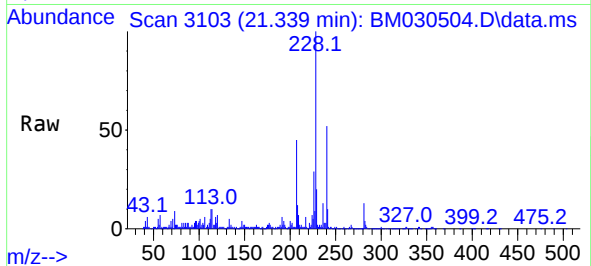
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#85
Benzo(a)anthracene
Concen: 4.656 ng/ul
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BM030504.D
Acq: 21 Jun 2021 14:19

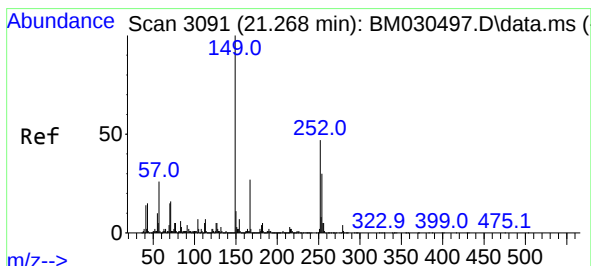
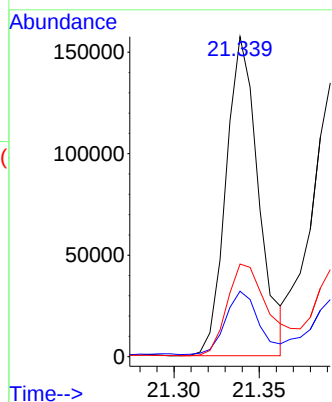
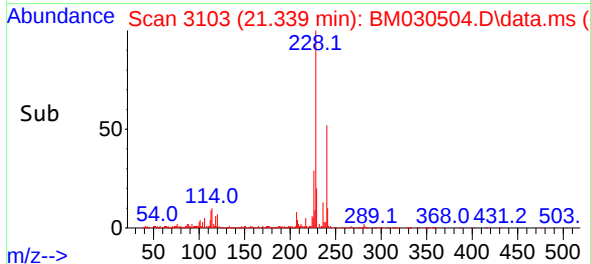
Instrument :
BNA_M
ClientSampled :
BG5J0



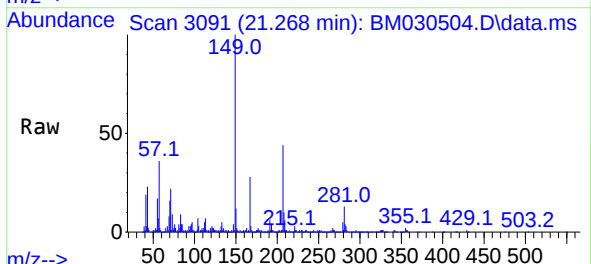
Tgt Ion:228 Resp: 208633
Ion Ratio Lower Upper
228 100
229 20.4 15.6 23.4
226 28.9 22.2 33.2

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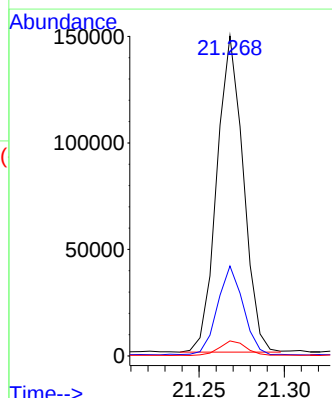
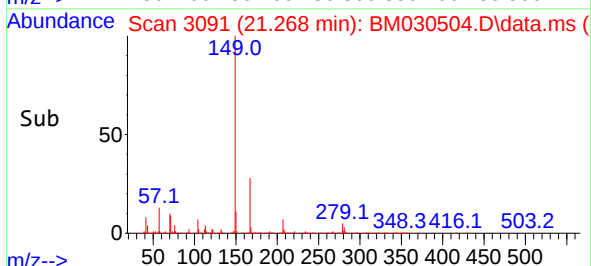
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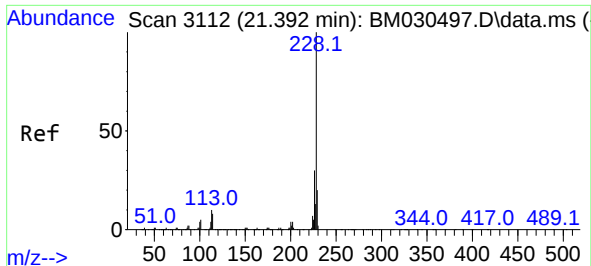


#86
Bis(2-ethylhexyl)phthalate
Concen: 6.692 ng/ul
RT: 21.268 min Scan# 3091
Delta R.T. 0.000 min
Lab File: BM030504.D
Acq: 21 Jun 2021 14:19

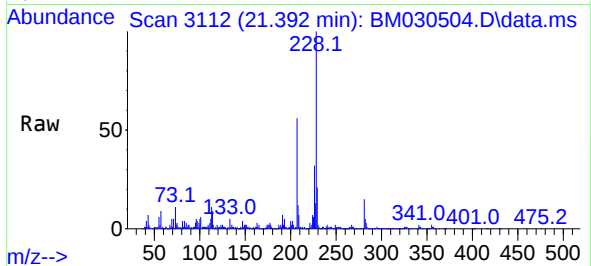


Tgt Ion:149 Resp: 160697
Ion Ratio Lower Upper
149 100
167 28.1 20.9 31.3
279 4.7 3.0 4.6#

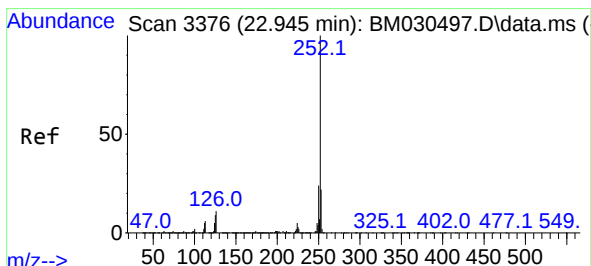
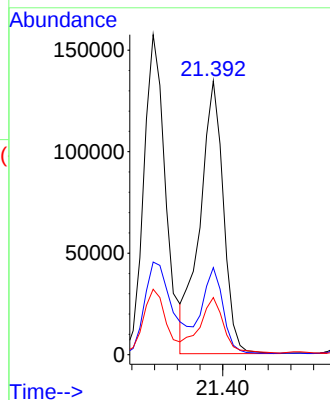
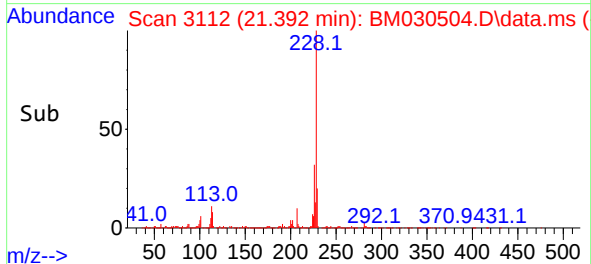




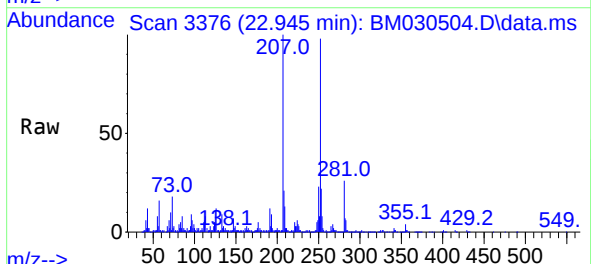
#87
Chrysene
Concen: 4.387 ng/u1
RT: 21.392 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BM030504.D
Acq: 21 Jun 2021 14:19



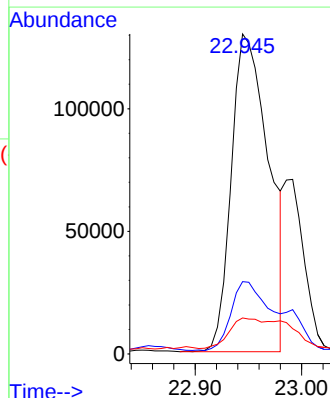
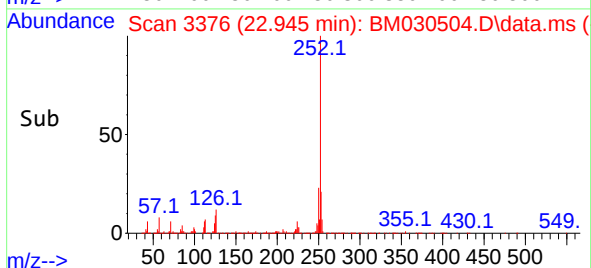
Tgt Ion:228 Resp: 193842
Ion Ratio Lower Upper
228 100
226 31.8 24.2 36.2
229 20.9 15.8 23.6



#90
Benzo(b)fluoranthene
Concen: 6.308 ng/u1
RT: 22.945 min Scan# 3376
Delta R.T. 0.000 min
Lab File: BM030504.D
Acq: 21 Jun 2021 14:19



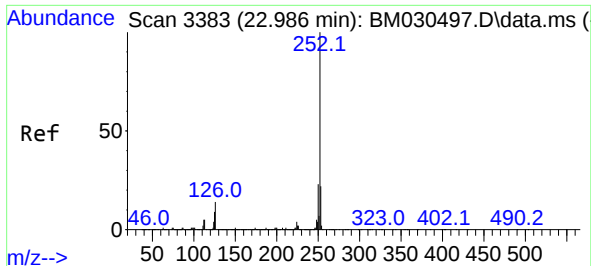
Tgt Ion:252 Resp: 316667
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 11.3 8.6 13.0



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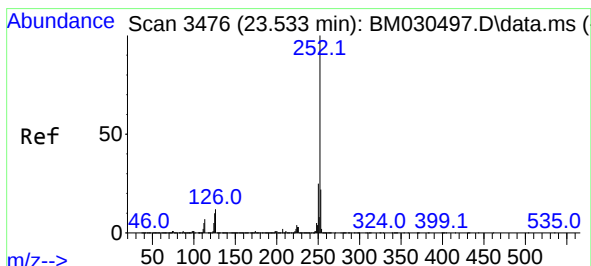
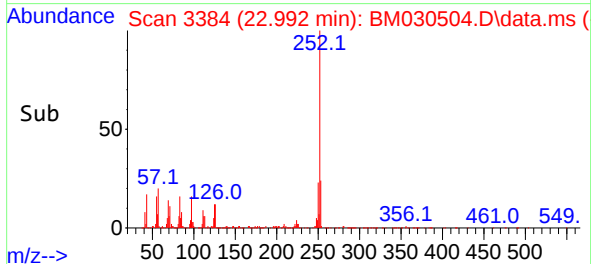
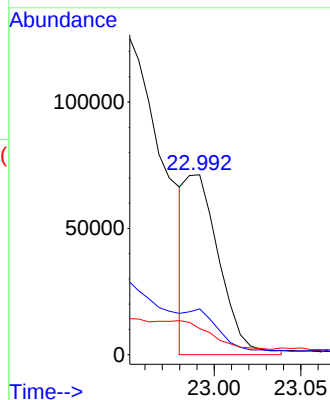
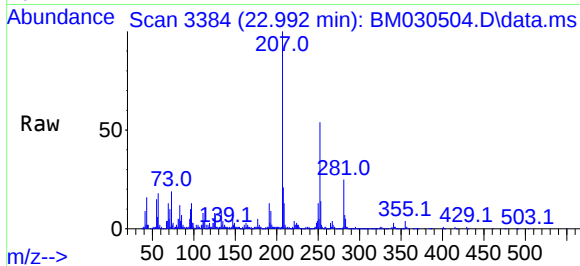
#91
Benzo(k)fluoranthene
Concen: 1.990 ng/ul m
RT: 22.992 min Scan# 3384
Delta R.T. 0.006 min
Lab File: BM030504.D
Acq: 21 Jun 2021 14:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.9	26.9
125	14.5	8.4	12.6

Instrument :
BNA_M
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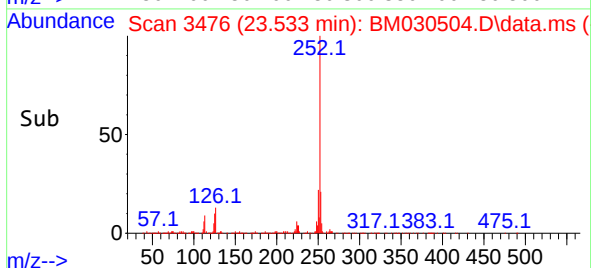
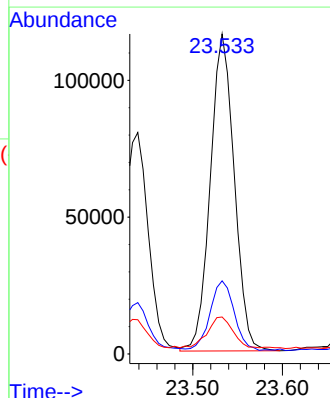
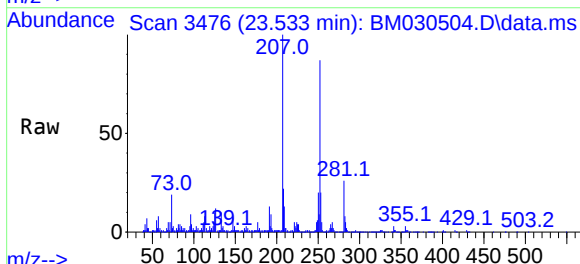
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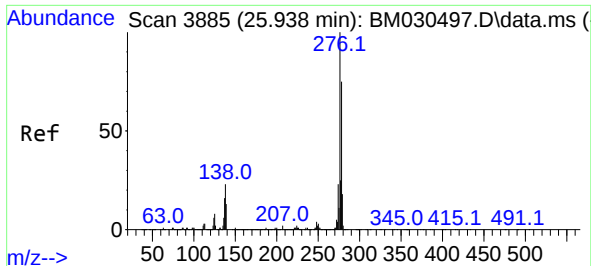
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#93
Benzo(a)pyrene
Concen: 4.895 ng/ul
RT: 23.533 min Scan# 3476
Delta R.T. 0.000 min
Lab File: BM030504.D
Acq: 21 Jun 2021 14:19

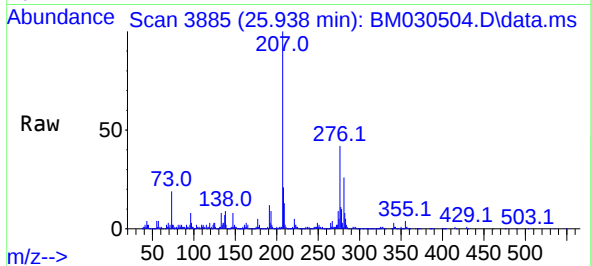
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	11.6	9.5	14.3





#94
Indeno(1,2,3-cd)pyrene
Concen: 2.988 ng/ul
RT: 25.938 min Scan# 3885
Delta R.T. 0.000 min
Lab File: BM030504.D
Acq: 21 Jun 2021 14:19

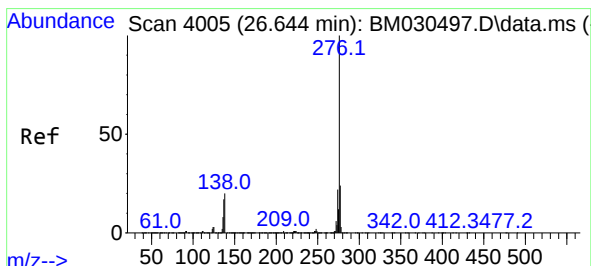
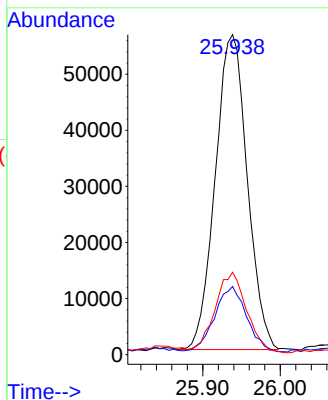
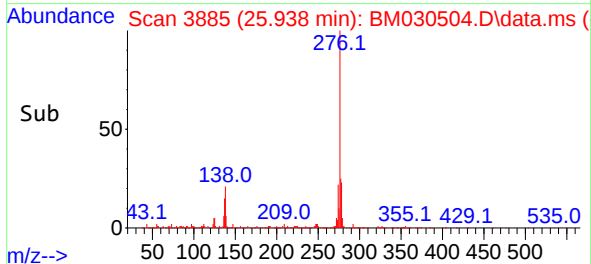
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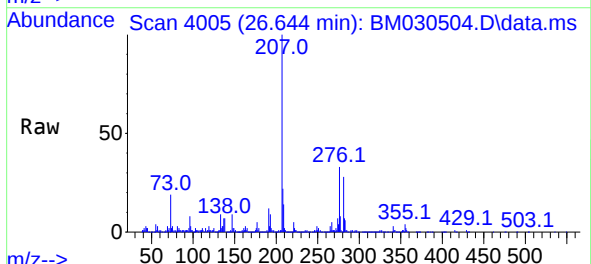
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Ion Ratio Lower Upper
276 100
138 21.3 21.8 32.6#
277 25.7 20.3 30.5

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#96
Benzo(g,h,i)perylene
Concen: 3.141 ng/ul
RT: 26.644 min Scan# 4005
Delta R.T. 0.000 min
Lab File: BM030504.D
Acq: 21 Jun 2021 14:19



Tgt Ion:276 Resp: 139403
Ion Ratio Lower Upper
276 100
138 20.8 18.7 28.1
277 25.1 18.6 28.0

