

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061721\
 Data File : BM030494.D
 Acq On : 17 Jun 2021 14:28
 Operator : CG/JU
 Sample : M2596-16DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG5R5DL

Manual Integrations
 APPROVED

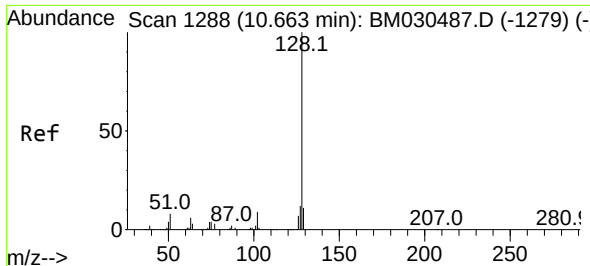
mohammad
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Quant Time: Jun 17 15:15:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 17 13:10:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	241555	20.00	ng/ul	0.00
20) Naphthalene-d8	10.610	136	875287	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	515344	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	1010072	20.00	ng/ul	0.00
79) Chrysene-d12	21.356	240	1033840	20.00	ng/ul	0.01
88) Perylene-d12	23.633	264	1088807	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	5687	0.90	ng/uL	0.05
4) Pyridine-d5	3.781	84	46944m	2.82	ng/ul	0.06
7) Phenol-d5	6.998	99	109001	5.19	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	75229	5.55	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	95018	6.26	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	43700	2.61	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	44608	7.45	ng/ul	0.00
24) 2-Nitrophenol-d4	9.698	143	47254	7.94	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.239	165	85179	6.57	ng/ul	0.00
31) 4-Chloroaniline-d4	10.751	131	65076	3.28	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	280665	7.94	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	347029	7.85	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	21895	3.31	ng/ul	0.01
60) Fluorene-d10	15.439	176	248195	7.84	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	19806	3.40	ng/ul	0.00
73) Anthracene-d10	17.280	188	370863	8.07	ng/ul	0.00
81) Pyrene-d10	19.574	212	359999	6.65	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.486	264	294061	5.42	ng/ul	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.657	128	51924	1.17	ng/ul	99
52) Acenaphthene	14.510	153	60521	1.93	ng/ul	98
61) Fluorene	15.492	166	68346	1.87	ng/ul#	97
72) Phenanthrene	17.227	178	1074133	19.67	ng/ul	99
74) Anthracene	17.315	178	233915	4.24	ng/ul	99
77) Carbazole	17.586	167	70132	1.43	ng/ul	97
78) Di-n-butylphthalate	18.151	149	2619660	51.10	ng/ul	99
80) Fluoranthene	19.239	202	1486785	22.36	ng/ul	98
82) Pyrene	19.603	202	1138051	16.18	ng/ul	95
85) Benzo(a)anthracene	21.339	228	714760	11.44	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.268	149	131551	3.93	ng/ul#	97
87) Chrysene	21.392	228	650000	10.55	ng/ul	97
90) Benzo(b)fluoranthene	22.944	252	790268	11.29	ng/ul	97
91) Benzo(k)fluoranthene	22.986	252	310922m	4.65	ng/ul	
93) Benzo(a)pyrene	23.533	252	306629	5.01	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	25.932	276	268414	3.57	ng/ul#	92
95) Dibenzo(a,h)anthracene	25.944	278	101229	1.60	ng/ul#	93

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



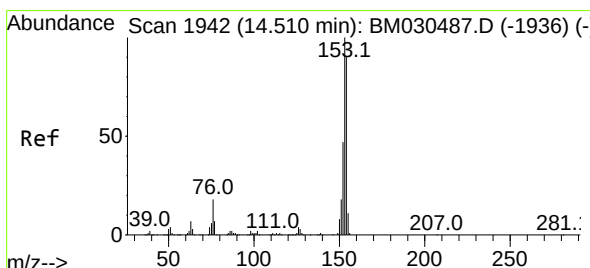
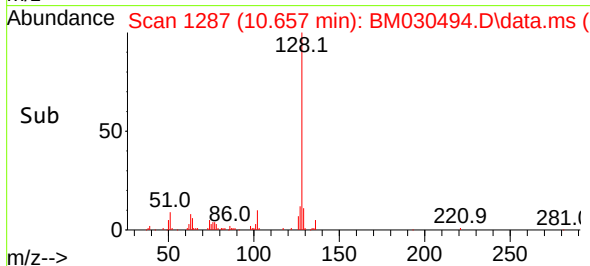
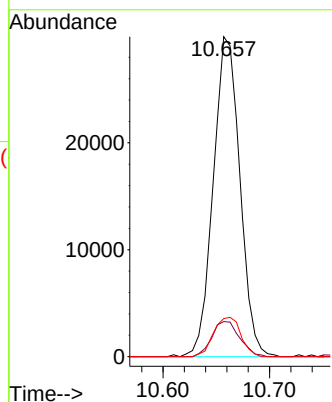
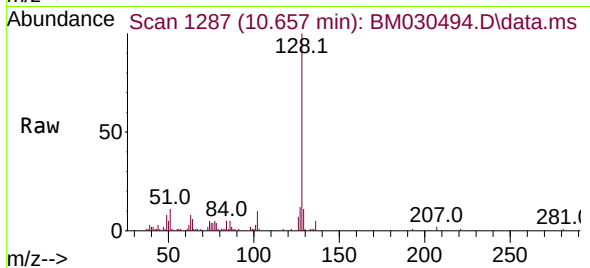
#30
Naphthalene
Concen: 1.17 ng/ul
RT: 10.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM030494.D
Acq: 17 Jun 2021 14:28

Tgt Ion:128 Resp: 51924
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 11.9 10.2 15.2

Instrument :
BNA_M
ClientSampled :
BG5R5DL

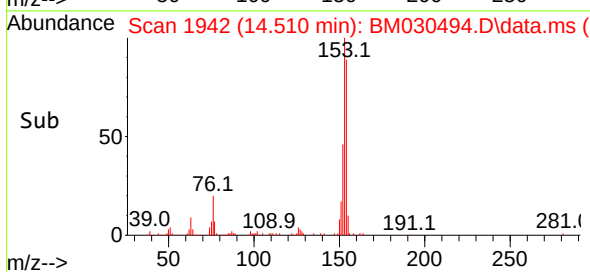
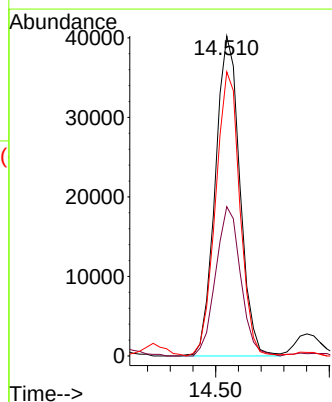
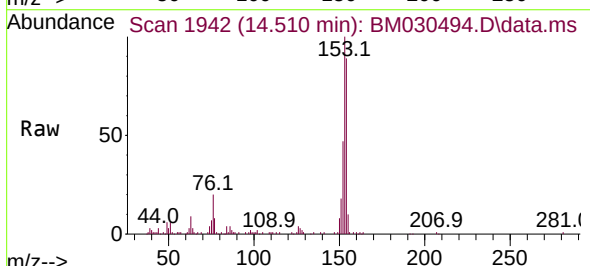
Manual Integrations
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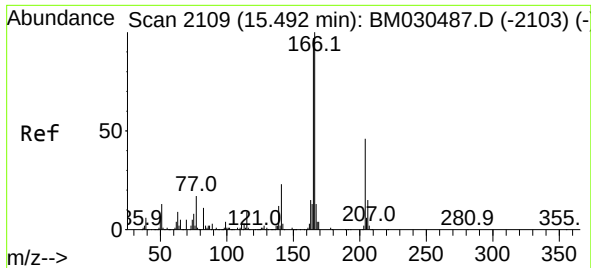
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#52
Acenaphthene
Concen: 1.93 ng/ul
RT: 14.510 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BM030494.D
Acq: 17 Jun 2021 14:28

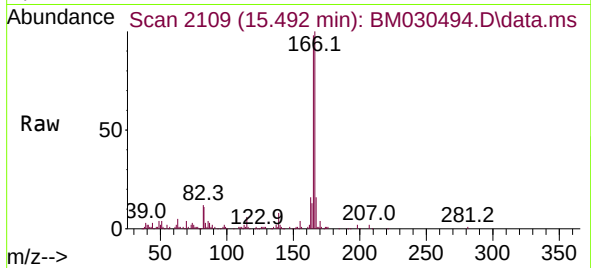
Tgt Ion:153 Resp: 60521
Ion Ratio Lower Upper
153 100
152 46.7 39.0 58.4
154 88.8 71.7 107.5





#61
Fluorene
Concen: 1.87 ng/ul
RT: 15.492 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BM030494.D
Acq: 17 Jun 2021 14:28

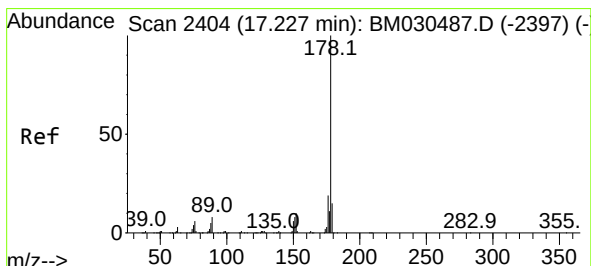
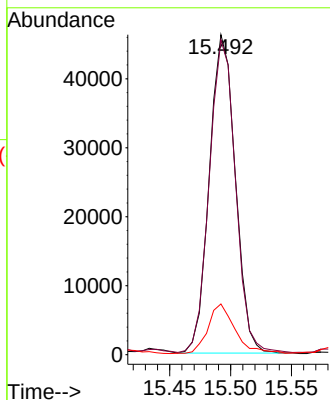
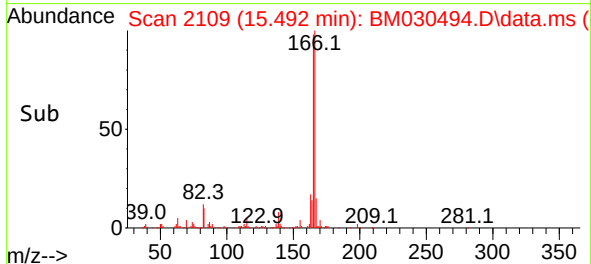
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BNA_M
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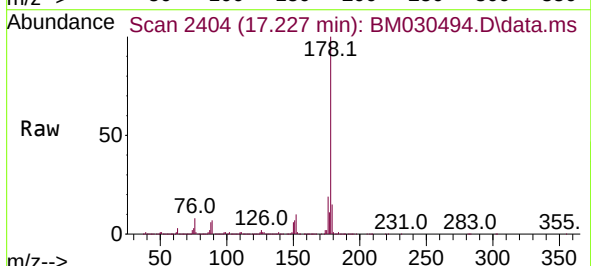
Tgt Ion:166 Resp: 68346
Ion Ratio Lower Upper
166 100
165 98.3 77.0 115.6
167 15.8 10.5 15.7#

Manual Integrations
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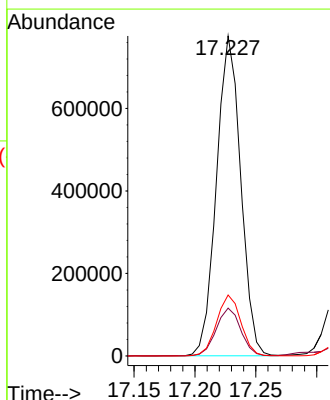
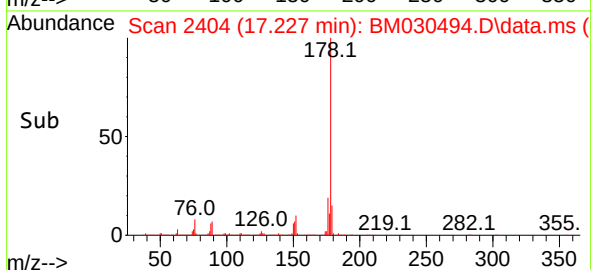
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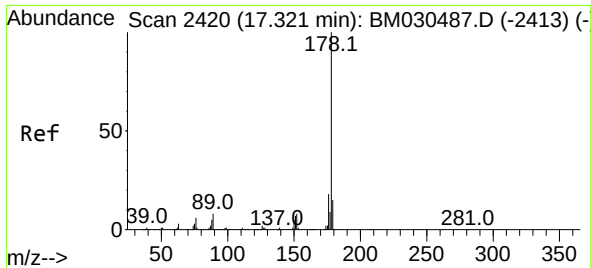


#72
Phenanthrene
Concen: 19.67 ng/ul
RT: 17.227 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BM030494.D
Acq: 17 Jun 2021 14:28



Tgt Ion:178 Resp: 1074133
Ion Ratio Lower Upper
178 100
179 15.0 12.2 18.2
176 19.1 15.0 22.6





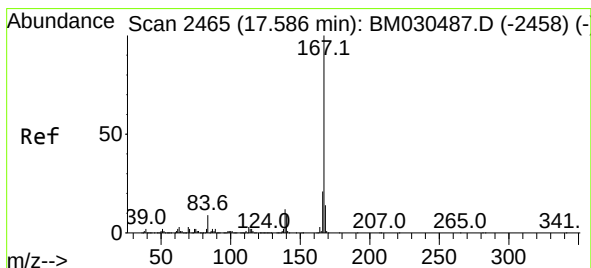
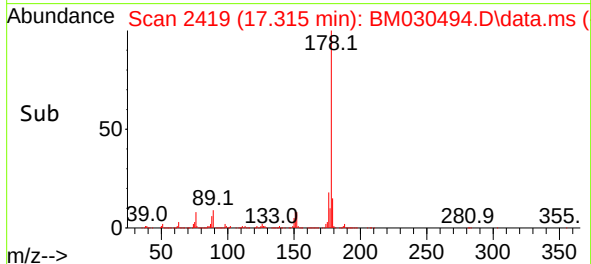
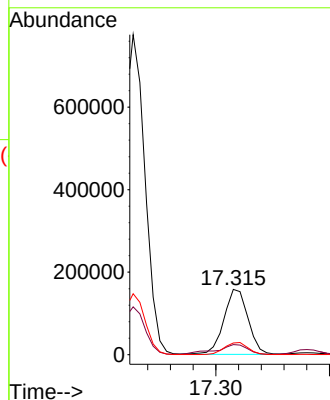
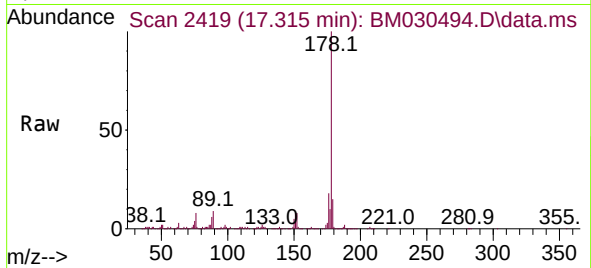
#74
 Anthracene
 Concen: 4.24 ng/ul
 RT: 17.315 min Scan# 2419
 Delta R.T. 0.000 min
 Lab File: BM030494.D
 Acq: 17 Jun 2021 14:28

Tgt Ion:178 Resp: 233915
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.5 18.7
 176 17.9 15.0 22.4

Instrument :
 BNA_M
 ClientSampled :
 BG5R5DL

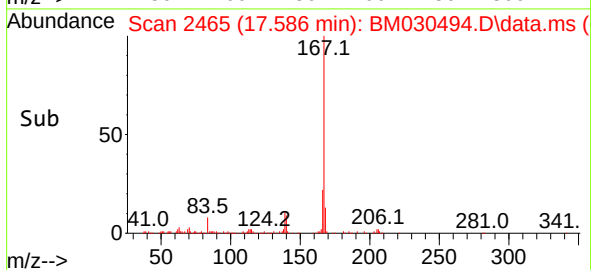
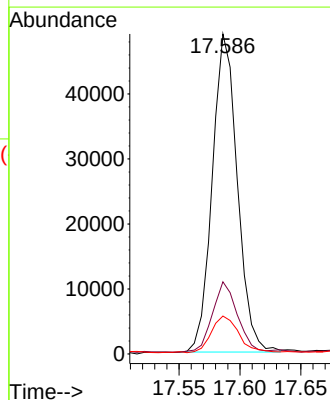
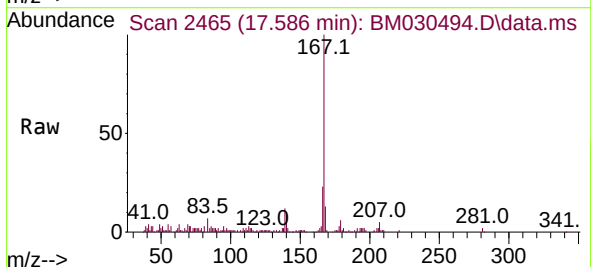
Manual Integrations
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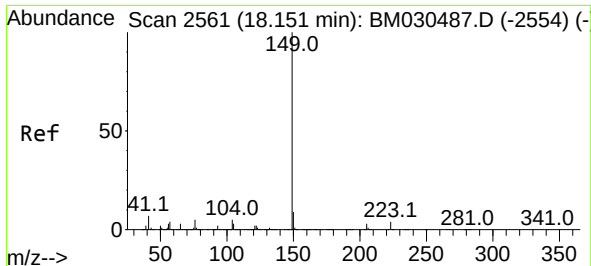
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#77
 Carbazole
 Concen: 1.43 ng/ul
 RT: 17.586 min Scan# 2465
 Delta R.T. 0.000 min
 Lab File: BM030494.D
 Acq: 17 Jun 2021 14:28

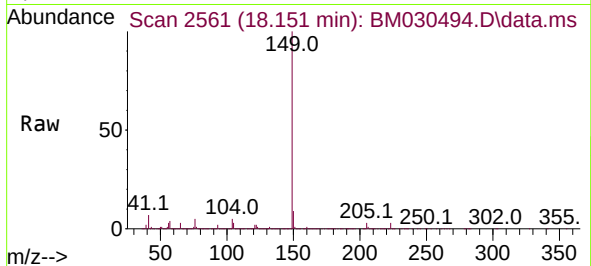
Tgt Ion:167 Resp: 70132
 Ion Ratio Lower Upper
 167 100
 166 22.5 16.7 25.1
 139 11.8 9.8 14.8



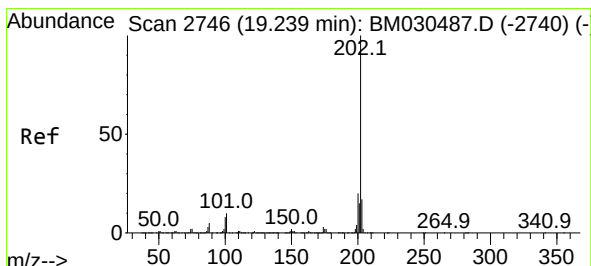
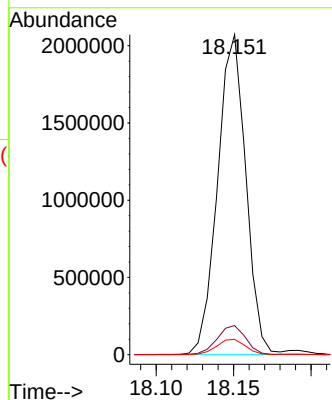
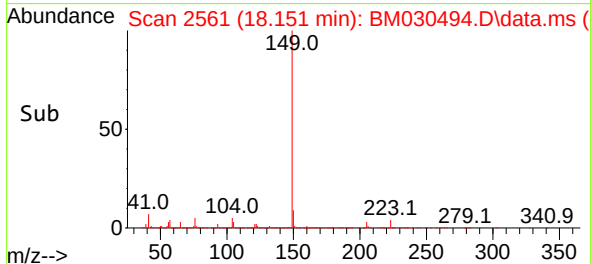


#78
Di-n-butylphthalate
Concen: 51.10 ng/ul
RT: 18.151 min Scan# 2561
Delta R.T. 0.006 min
Lab File: BM030494.D
Acq: 17 Jun 2021 14:28

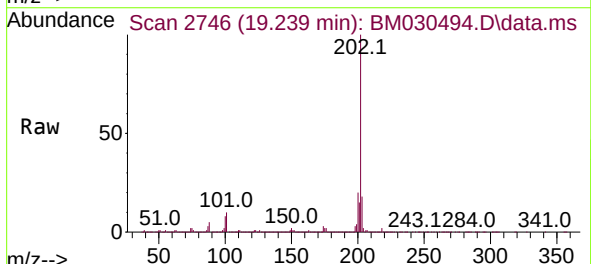
Instrument :
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ClientSampleID :
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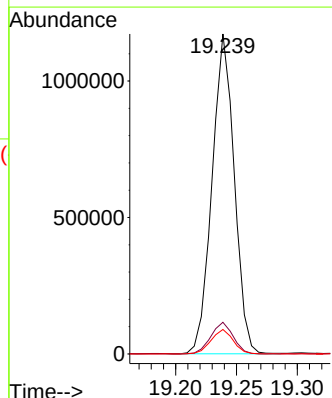
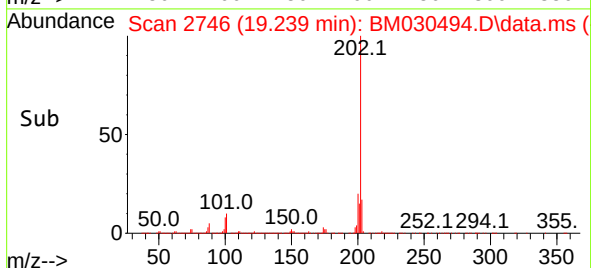
Tgt Ion:149 Resp: 2619660
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 4.8 4.1 6.1

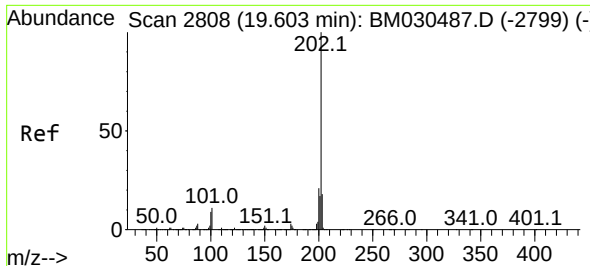


#80
Fluoranthene
Concen: 22.36 ng/ul
RT: 19.239 min Scan# 2746
Delta R.T. 0.006 min
Lab File: BM030494.D
Acq: 17 Jun 2021 14:28

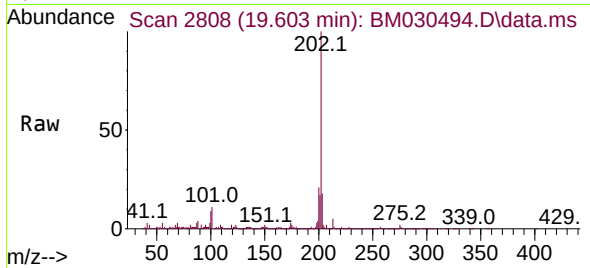


Tgt Ion:202 Resp: 1486785
Ion Ratio Lower Upper
202 100
101 9.9 8.7 13.1
100 7.7 6.6 10.0

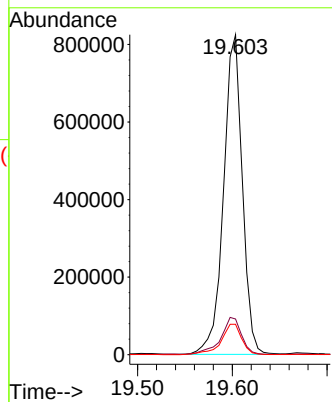
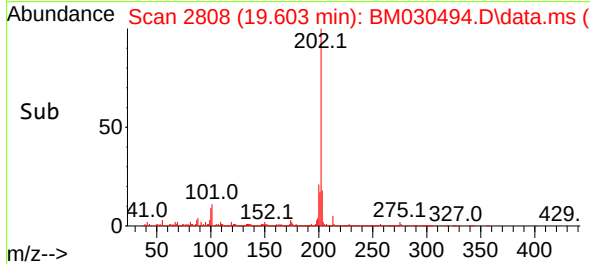




#82
Pyrene
Concen: 16.18 ng/ul
RT: 19.603 min Scan# 2808
Delta R.T. 0.006 min
Lab File: BM030494.D
Acq: 17 Jun 2021 14:28



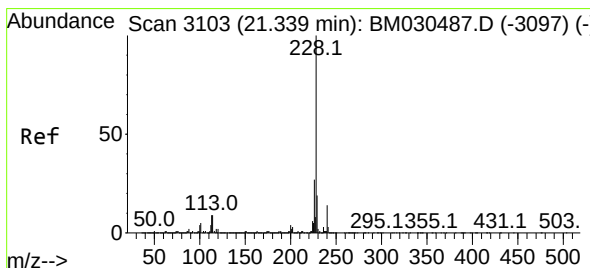
Tgt Ion:202 Resp: 1138051
Ion Ratio Lower Upper
202 100
101 11.2 10.8 16.2
100 9.5 9.1 13.7



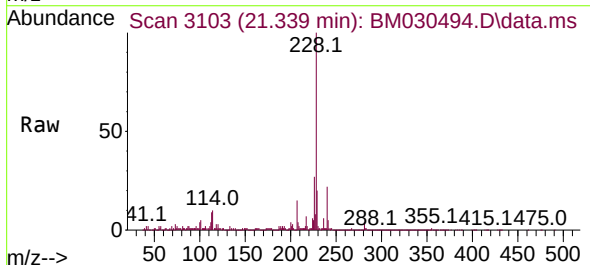
Instrument :
BNA_M
ClientSampleID :
BG5R5DL

Manual Integrations
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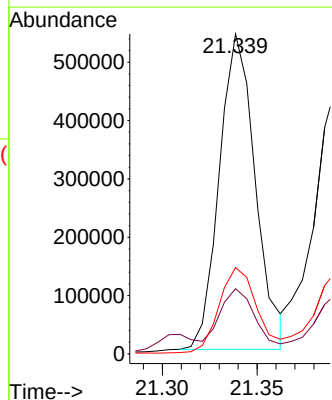
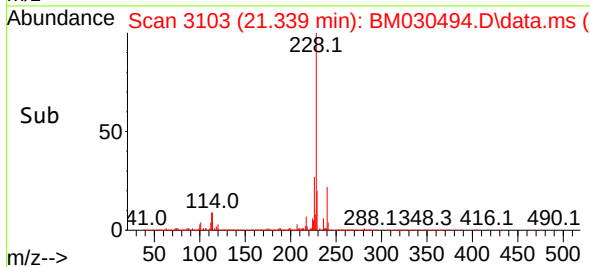
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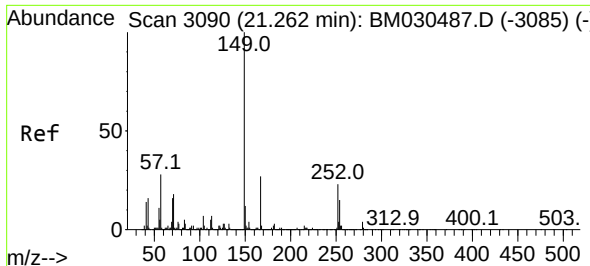


#85
Benzo(a)anthracene
Concen: 11.44 ng/ul
RT: 21.339 min Scan# 3103
Delta R.T. 0.006 min
Lab File: BM030494.D
Acq: 17 Jun 2021 14:28



Tgt Ion:228 Resp: 714760
Ion Ratio Lower Upper
228 100
229 20.4 15.6 23.4
226 27.0 22.2 33.2





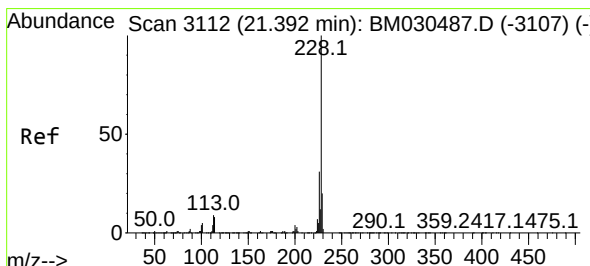
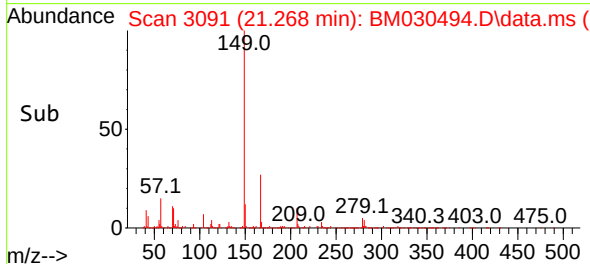
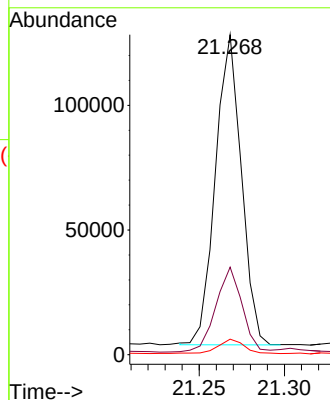
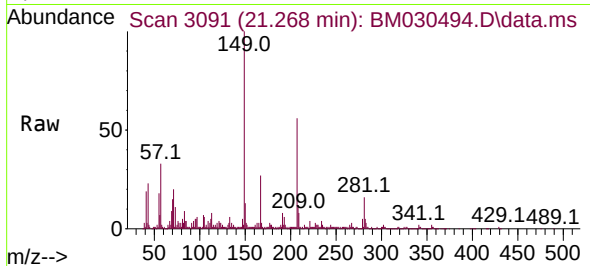
#86
Bis(2-ethylhexyl)phthalate
Concen: 3.93 ng/ul
RT: 21.268 min Scan# 3091
Delta R.T. 0.006 min
Lab File: BM030494.D
Acq: 17 Jun 2021 14:28

Tgt Ion:149 Resp: 131551
Ion Ratio Lower Upper
149 100
167 27.3 20.9 31.3
279 4.9 3.0 4.6#

Instrument :
BNA_M
ClientSampleID :
BG5R5DL

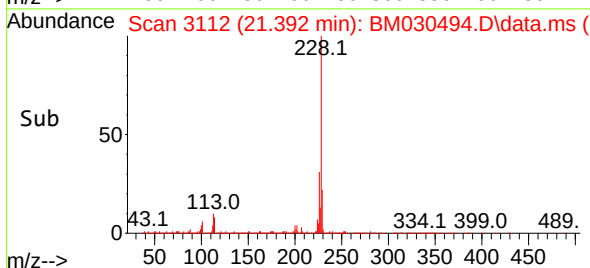
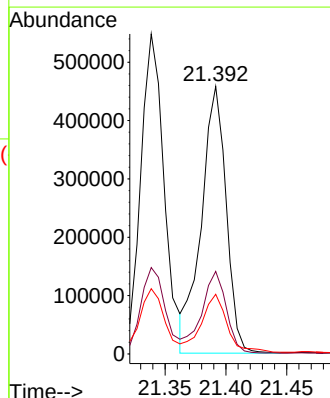
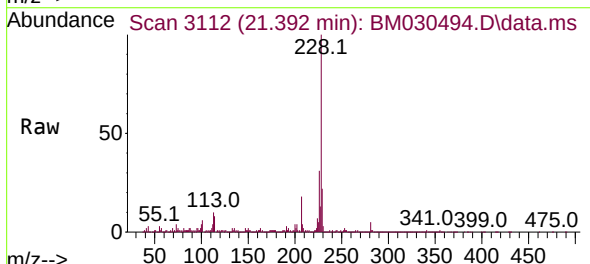
Manual Integrations
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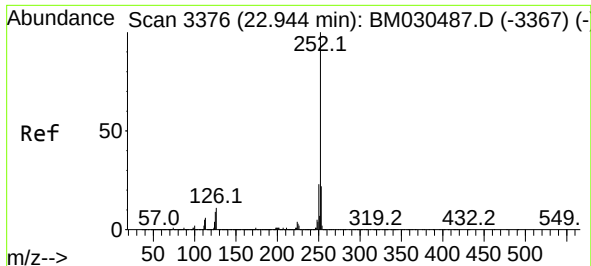
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#87
Chrysene
Concen: 10.55 ng/ul
RT: 21.392 min Scan# 3112
Delta R.T. 0.006 min
Lab File: BM030494.D
Acq: 17 Jun 2021 14:28

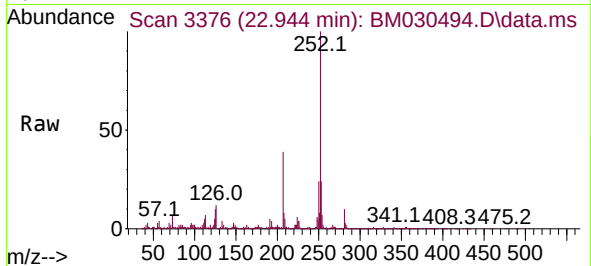
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Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.2
229 22.3 15.8 23.6





#90
Benzo(b)fluoranthene
Concen: 11.29 ng/ul
RT: 22.944 min Scan# 3376
Delta R.T. 0.012 min
Lab File: BM030494.D
Acq: 17 Jun 2021 14:28

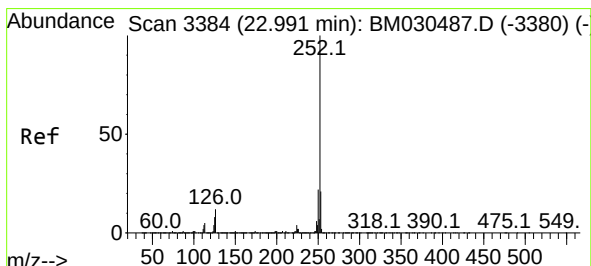
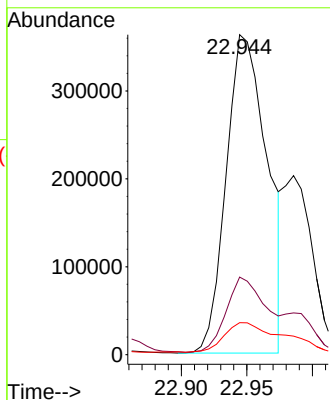
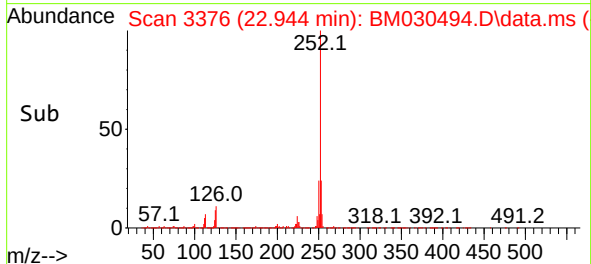
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ClientSampled :
BG5R5DL



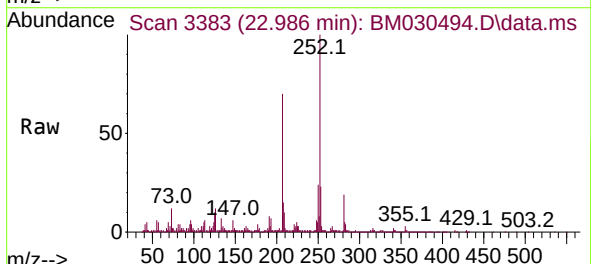
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125 10.0 8.6 13.0

Manual Integrations
APPROVED

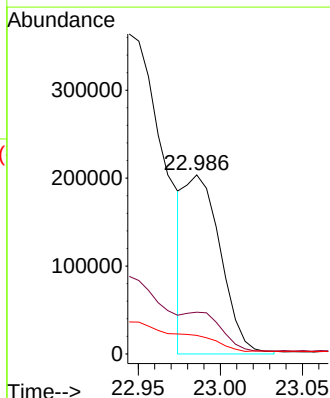
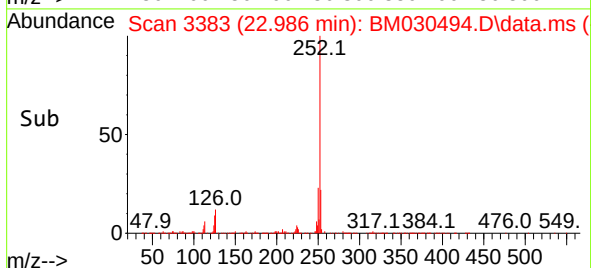
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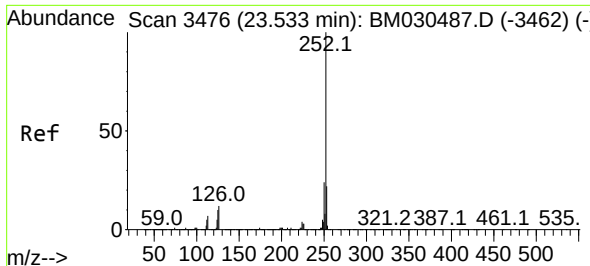


#91
Benzo(k)fluoranthene
Concen: 4.65 ng/ul m
RT: 22.986 min Scan# 3383
Delta R.T. 0.012 min
Lab File: BM030494.D
Acq: 17 Jun 2021 14:28



Tgt Ion:252 Resp: 310922
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 10.3 8.4 12.6





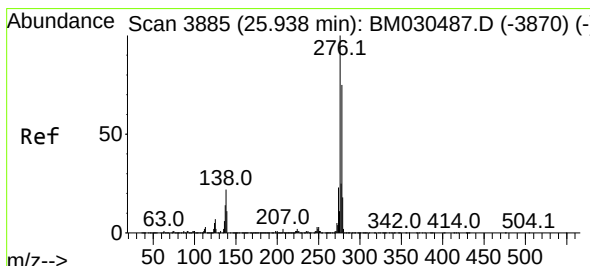
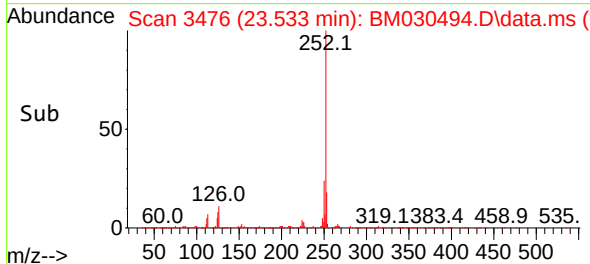
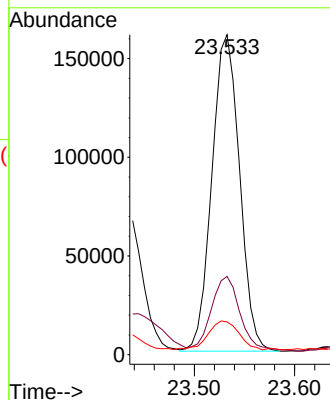
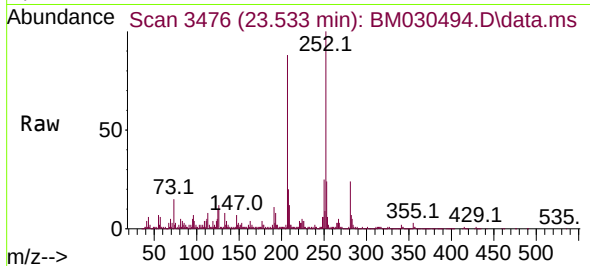
#93
Benzo(a)pyrene
Concen: 5.01 ng/ul
RT: 23.533 min Scan# 3476
Delta R.T. 0.018 min
Lab File: BM030494.D
Acq: 17 Jun 2021 14:28

Tgt Ion:252 Resp: 306629
Ion Ratio Lower Upper
252 100
253 24.4 17.8 26.8
125 10.3 9.5 14.3

Instrument :
BNA_M
ClientSampled :
BG5R5DL

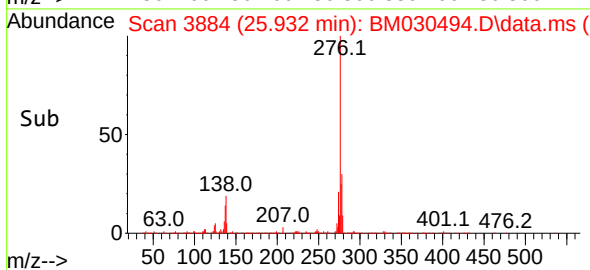
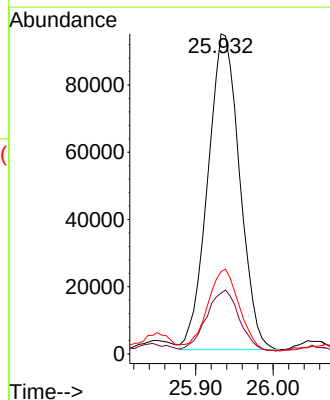
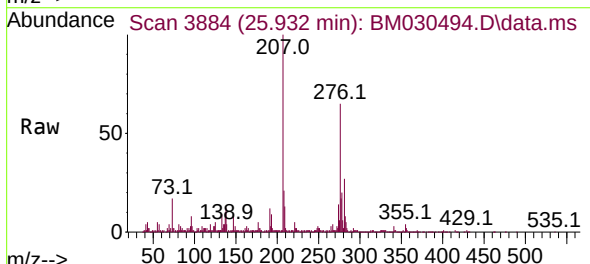
Manual Integrations
APPROVED

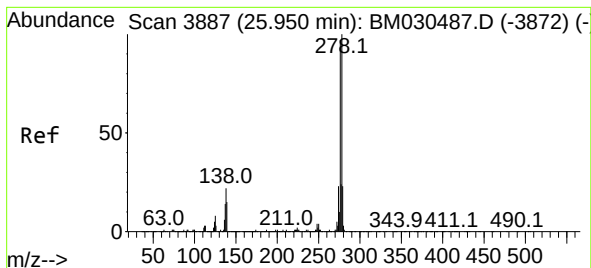
mohammad
6/18/2021 1:03:13 PM



#94
Indeno(1,2,3-cd)pyrene
Concen: 3.57 ng/ul
RT: 25.932 min Scan# 3884
Delta R.T. 0.018 min
Lab File: BM030494.D
Acq: 17 Jun 2021 14:28

Tgt Ion:276 Resp: 268414
Ion Ratio Lower Upper
276 100
138 19.0 21.8 32.6#
277 25.7 20.3 30.5





#95

Dibenzo(a,h)anthracene

Concen: 1.60 ng/ul

RT: 25.944 min Scan# 3886

Delta R.T. 0.018 min

Lab File: BM030494.D

Acq: 17 Jun 2021 14:28

Tgt Ion: 278 Resp: 101229

Ion Ratio Lower Upper

278 100

139 17.3 13.4 20.2

279 28.6 18.6 28.0#

Instrument :

BNA_M

ClientSampleId :

BG5R5DL

Manual Integrations

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