

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
 Data File : BM021547.D
 Acq On : 19 Jul 2019 06:40
 Operator : HP/JU
 Sample : K3764-07
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52J1

Quant Time: Jul 19 07:19:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 19 00:39:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	177448	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	687970	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	378119	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.11	188	867064	20.00	ng/ul	0.00
77) Chrysene-d12	21.30	240	896627	20.00	ng/ul	-0.01
85) Perylene-d12	23.55	264	1042975	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	8988	2.49	ng/uL	0.00
5) Phenol-d5	6.89	99	212763	15.42	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.06	67	127537	15.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	178604	15.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	168268	15.31	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	89100	15.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	92857	14.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	192612	15.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	211685	18.32	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	608493	18.37	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	705216	16.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	44607	8.50	ng/ul	0.00
57) Fluorene-d10	15.36	176	541956	18.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	44044	7.56	ng/ul	0.00
70) Anthracene-d10	17.21	188	817621	18.15	ng/ul	0.00
78) Pyrene-d10	19.50	212	961305	19.54	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.41	264	1114844	18.59	ng/ul	-0.01

Target Compounds

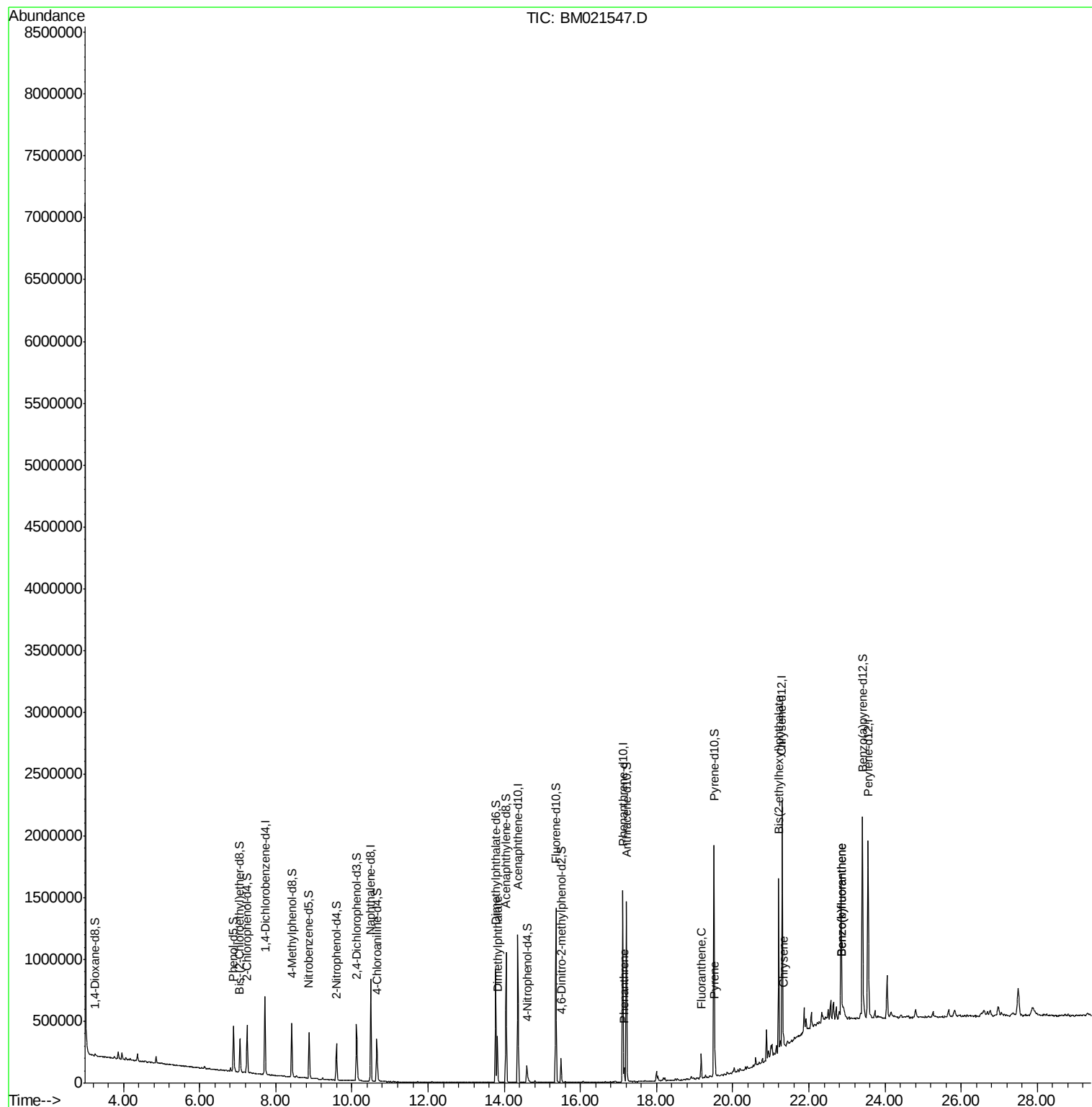
					Ovalue	
44) Dimethylphthalate	13.82	163	239002	7.750	ng/ul	100
69) Phenanthrene	17.15	178	70528	1.443	ng/ul	99
76) Fluoranthene	19.17	202	117535	2.025	ng/ul	99
79) Pyrene	19.53	202	121461	2.047	ng/ul#	95
83) Bis(2-ethylhexyl)phthalate	21.21	149	450561	14.572	ng/ul	100
84) Chrysene	21.34	228	68056	1.179	ng/ul	97
87) Benzo(b)fluoranthene	22.87	252	75125	1.156	ng/ul#	93
88) Benzo(k)fluoranthene	22.87	252	75125	1.160	ng/ul#	92

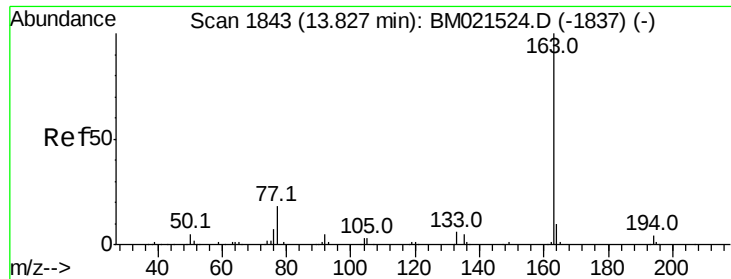
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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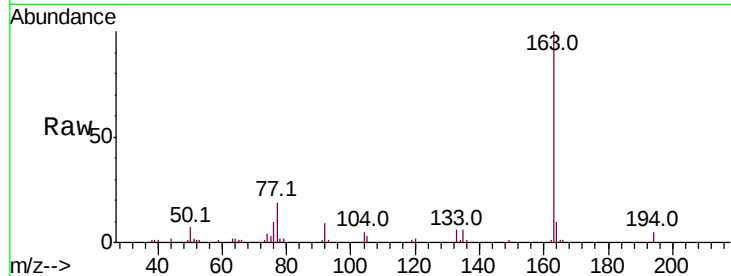




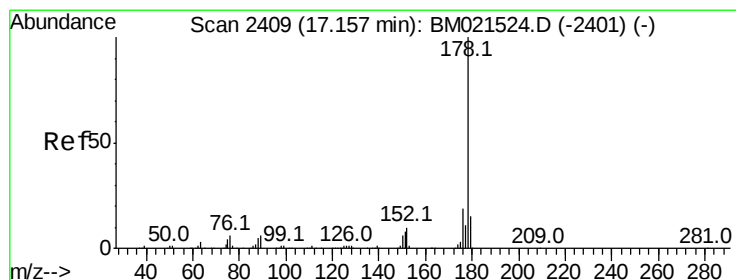
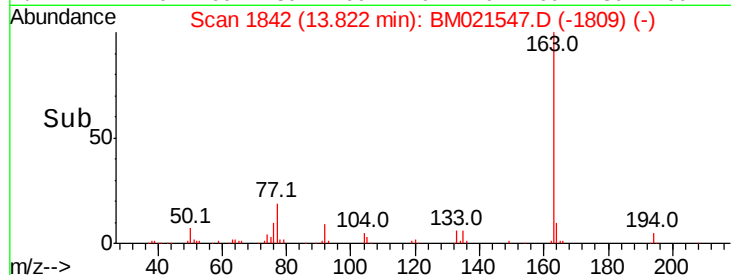
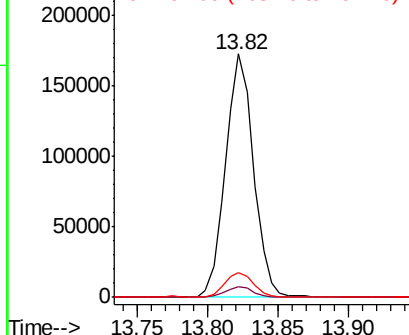
#44
Dimethylphthalate
Concen: 7.750 ng/ul
RT: 13.82 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BM021547.D
Acq: 19 Jul 2019 06:40

Instrument :
BNA_M
ClientSampleId :
A52J1

Tot Ion:163 Resp: 239002
Ion Ratio Lower Upper
163 100
194 4.6 3.6 5.4
164 10.3 8.3 12.5

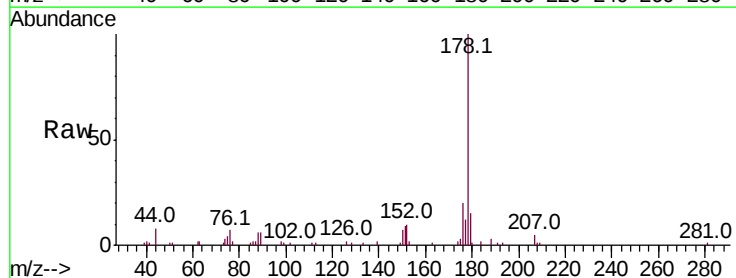


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

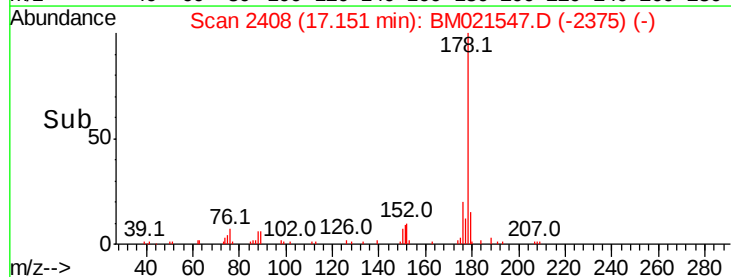
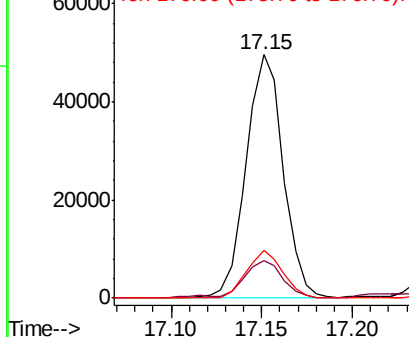


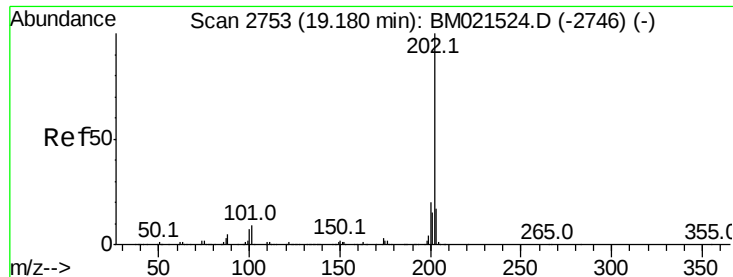
#69
Phenanthrene
Concen: 1.443 ng/ul
RT: 17.15 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BM021547.D
Acq: 19 Jul 2019 06:40

Tgt Ion:178 Resp: 70528
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.2
176 19.6 15.4 23.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

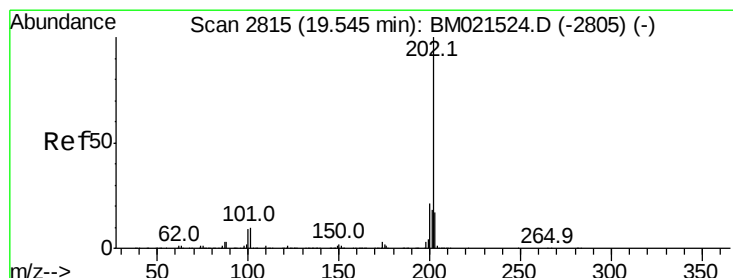
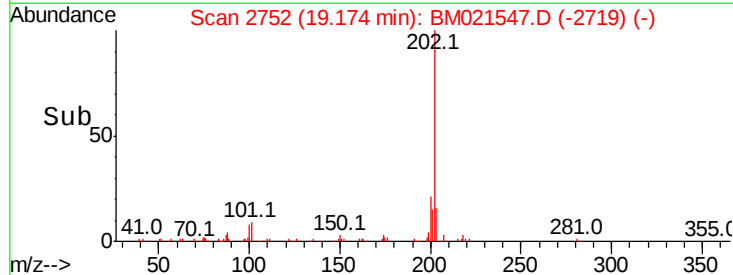
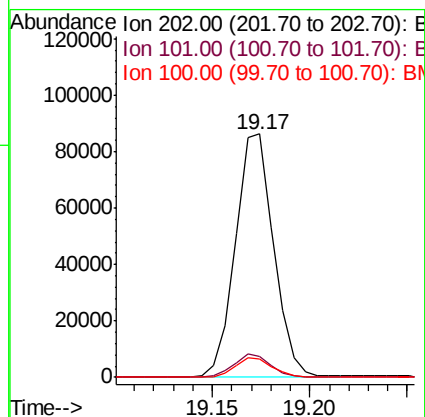
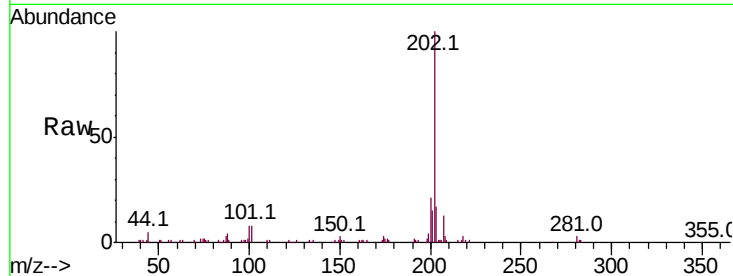




#76
Fluoranthene
Concen: 2.025 ng/ul
RT: 19.17 min Scan# 2752
Delta R.T. -0.01 min
Lab File: BM021547.D
Acq: 19 Jul 2019 06:40

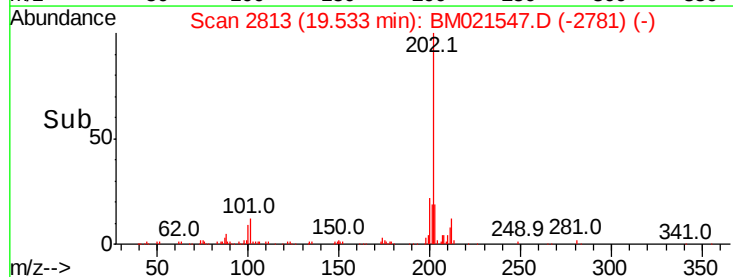
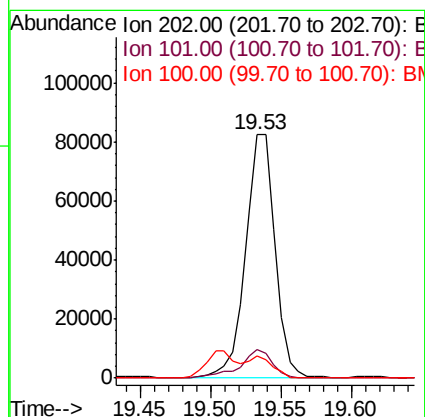
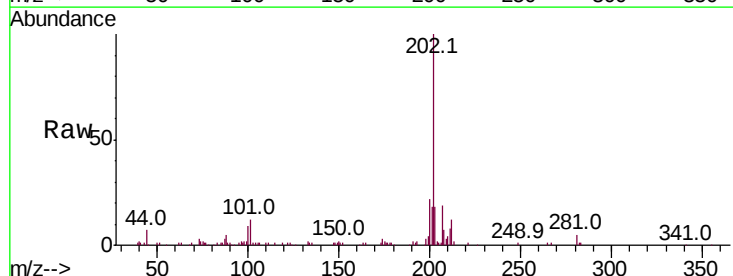
Instrument :
BNA_M
ClientSampleId :
A52J1

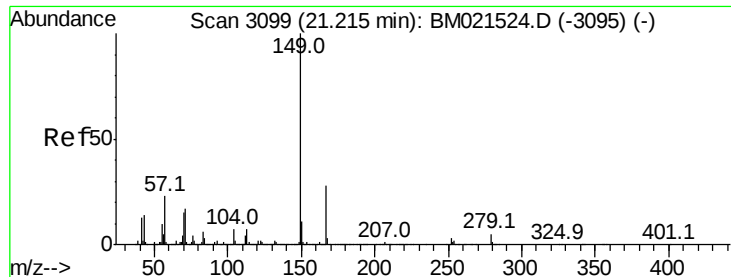
Tot Ion:	202	Resp:	117535
Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.7	10.1
100	7.5	5.3	7.9



#79
Pyrene
Concen: 2.047 ng/ul
RT: 19.53 min Scan# 2813
Delta R.T. -0.01 min
Lab File: BM021547.D
Acq: 19 Jul 2019 06:40

Tgt Ion:	202	Resp:	121461
Ion	Ratio	Lower	Upper
202	100		
101	11.8	7.8	11.8#
100	9.2	6.4	9.6

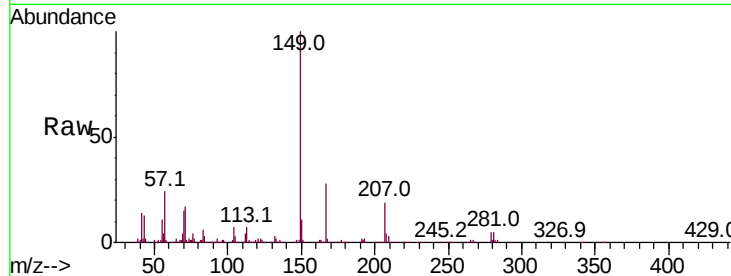




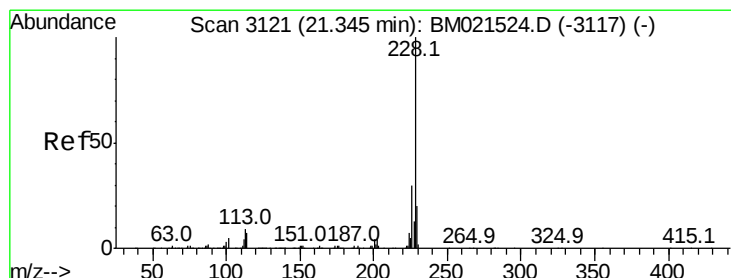
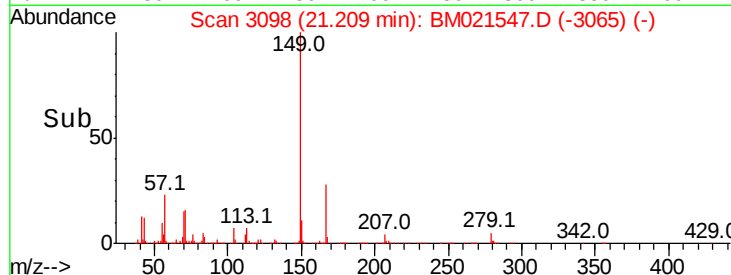
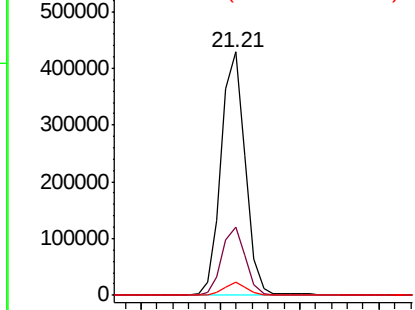
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 14.572 ng/ul
 RT: 21.21 min Scan# 3098
 Delta R.T. -0.01 min
 Lab File: BM021547.D
 Acq: 19 Jul 2019 06:40

Instrument :
 BNA_M
 ClientSampleId :
 A52J1

Tot Ion:149 Resp: 450561
 Ion Ratio Lower Upper
 149 100
 167 28.0 22.6 33.8
 279 5.2 4.0 6.0

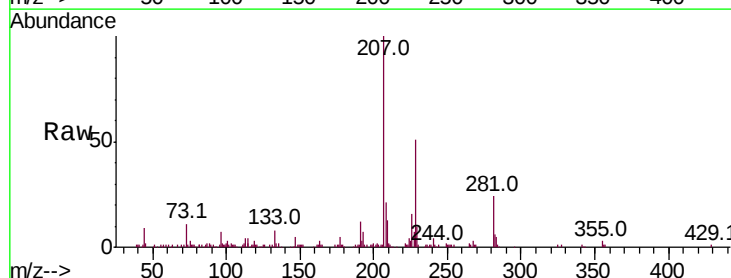


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

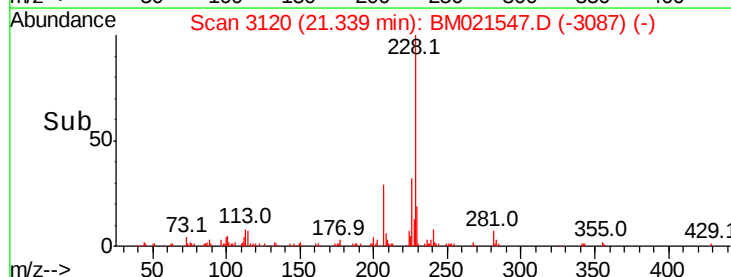
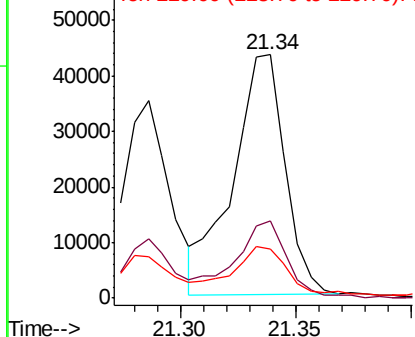


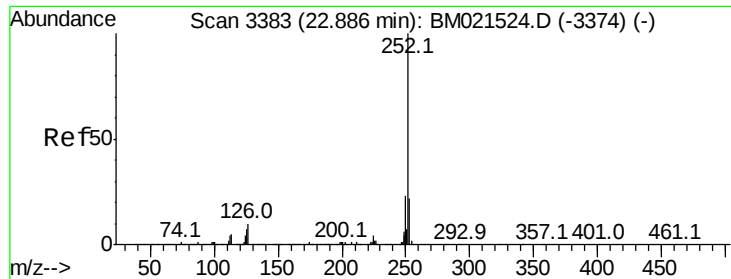
#84
 Chrysene
 Concen: 1.179 ng/ul
 RT: 21.34 min Scan# 3120
 Delta R.T. -0.01 min
 Lab File: BM021547.D
 Acq: 19 Jul 2019 06:40

Tgt Ion:228 Resp: 68056
 Ion Ratio Lower Upper
 228 100
 226 31.6 23.8 35.6
 229 20.1 15.4 23.0



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 1.156 ng/ul

RT: 22.87 min Scan# 3381

Delta R.T. -0.01 min

Lab File: BM021547.D

Acq: 19 Jul 2019 06:40

Instrument :

BNA_M

ClientSampleId :

A52J1

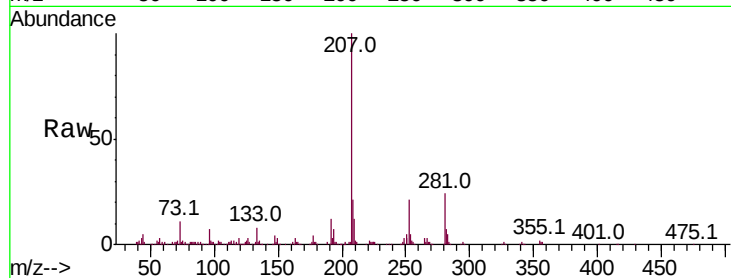
Tot Ion:252 Resp: 75125

Ion Ratio Lower Upper

252 100

253 25.7 17.5 26.3

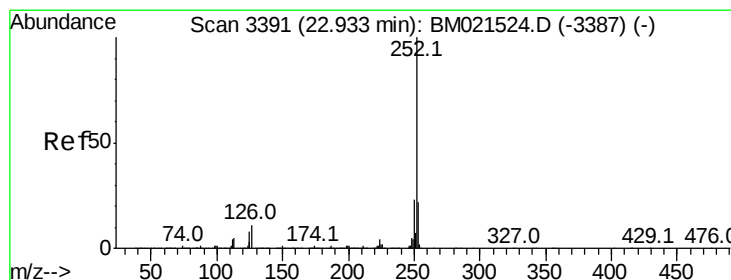
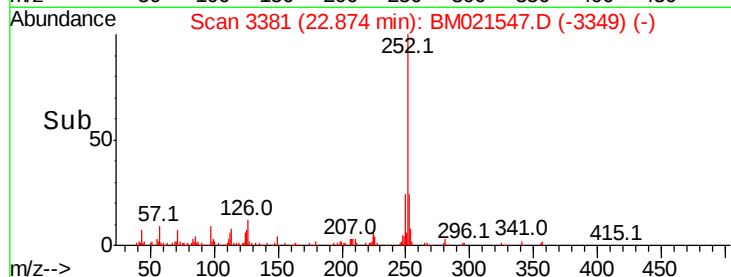
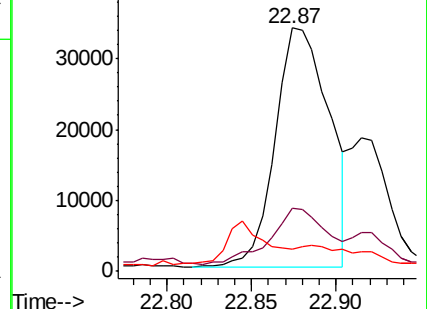
125 9.1 5.9 8.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 1.160 ng/ul

RT: 22.87 min Scan# 3381

Delta R.T. -0.06 min

Lab File: BM021547.D

Acq: 19 Jul 2019 06:40

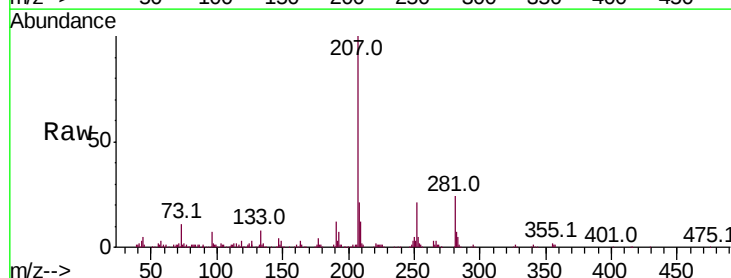
Tgt Ion:252 Resp: 75125

Ion Ratio Lower Upper

252 100

253 25.7 17.1 25.7#

125 9.1 5.8 8.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

