

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_M\DATA\BM090519\
 Data File : BM022540.D
 Acq On : 06 Sep 2019 03:47
 Operator : HP/JU
 Sample : MDL-W-BL02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-W-BL02

Quant Time: Sep 06 06:06:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 05 19:43:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng/ul	-7.86
18) Naphthalene-d8	0.00	136	0	0.00	ng/ul	-10.66
36) Acenaphthene-d10	14.49	164	547	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	2319238	20.00	ng/ul	0.09
78) Chrysene-d12	21.40	240	2160	20.00	ng/ul	-0.02
86) Perylene-d12	23.55	264	2957810	20.00	ng/ul	-0.16

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	38000	0.00	ng/uL	0.00
5) Phenol-d5	7.02	99	648965	0.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	406523	0.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	521155	0.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	530096	0.00	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	254662	0.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	242408	0.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	503624	0.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	806490	0.00	ng/ul	0.00
44) Dimethylphthalate-d6	13.90	166	1817266	40997.27	ng/ul	0.00
47) Acenaphthylene-d8	14.19	160	2076412	39123.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	281659	37203.87	ng/ul	0.00
58) Fluorene-d10	15.49	176	1476602	39787.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	152592	14.48	ng/ul	-0.01
71) Anthracene-d10	17.33	188	2319238	19.52	ng/ul	0.00
79) Pyrene-d10	19.62	212	2576362	21495.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	2939055	18.49	ng/ul	-0.01

Target Compounds

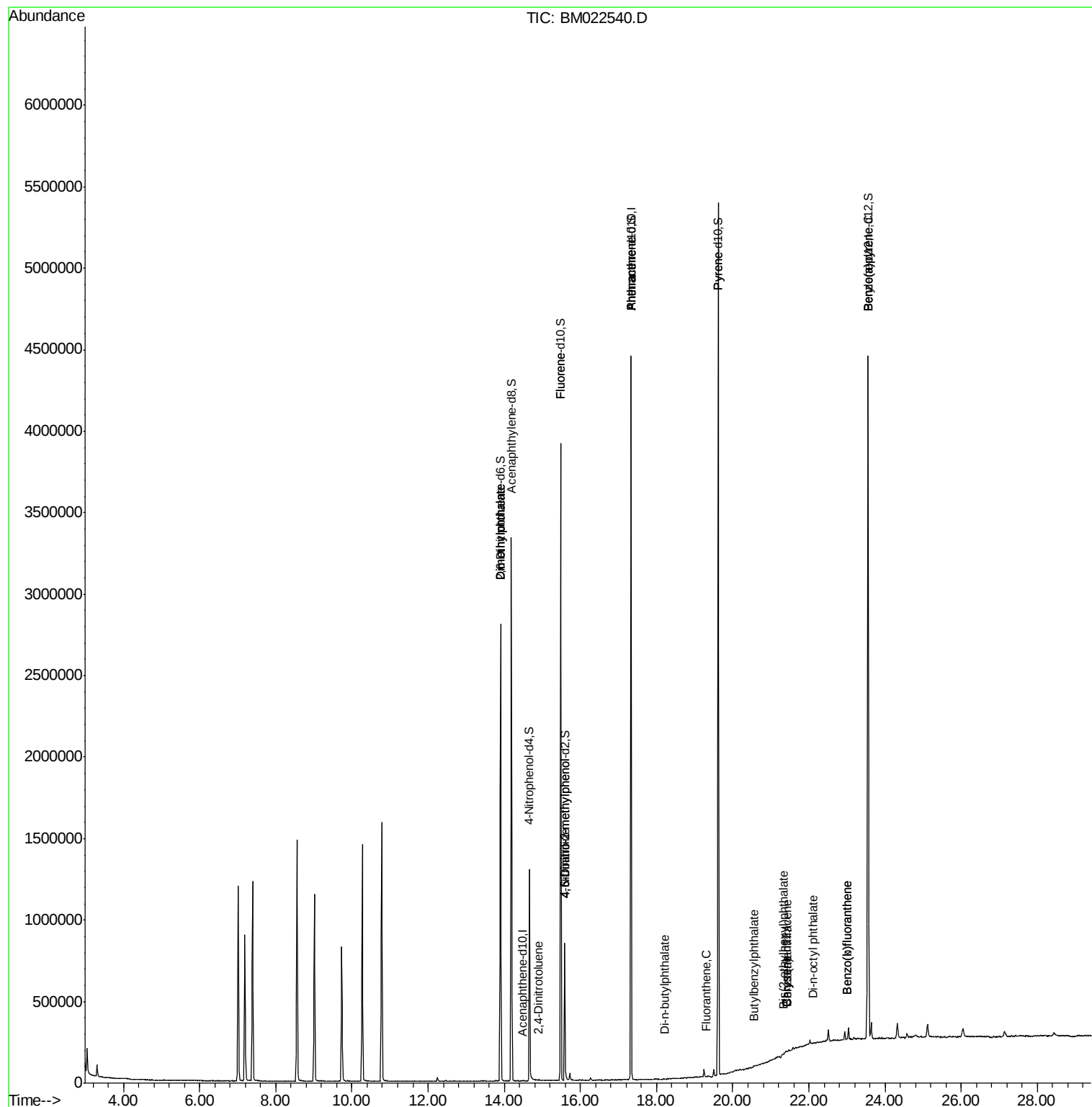
					Qvalue	
45) Dimethylphthalate	13.90	163	911	20.248	ng/ul#	1
46) 2,6-Dinitrotoluene	13.91	165	9998	1364.863	ng/ul#	37
55) 2,4-Dinitrotoluene	14.91	165	247	23.019	ng/ul#	15
59) Fluorene	15.49	166	3475	79.785	ng/ul#	6
61) 4-Nitroaniline	15.58	138	894	98.769	ng/ul#	1
64) 4,6-Dinitro-2-methylphenol	15.59	198	362	0.030	ng/ul#	1
70) Phenanthrene	17.33	178	744	0.005	ng/ul#	1
72) Anthracene	17.33	178	744	0.005	ng/ul#	1
76) Di-n-butylphthalate	18.20	149	1066	0.006	ng/ul#	79
77) Fluoranthene	19.29	202	294	0.002	ng/ul#	74
80) Pyrene	19.62	202	4319	27.630	ng/ul#	1
81) Butylbenzylphthalate	20.55	149	160	2.428	ng/ul#	62
83) Benzo(a)anthracene	21.44	228	639	3.988	ng/ul#	51
84) Bis(2-ethylhexyl)phthalate	21.34	149	786	7.859	ng/ul#	53
85) Chrysene	21.44	228	639	4.334	ng/ul#	49
87) Di-n-octyl phthalate	22.10	149	237	0.001	ng/ul	100
88) Benzo(b)fluoranthene	23.00	252	354	0.002	ng/ul#	9
89) Benzo(k)fluoranthene	23.00	252	354	0.002	ng/ul#	8
91) Benzo(a)pyrene	23.55	252	10179	0.055	ng/ul#	76

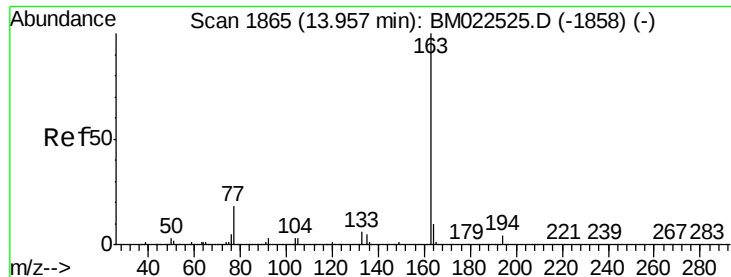
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 06 06:06:22 2019
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 05 19:43:58 2019
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 20.248 ng/ul

RT: 13.90 min Scan# 1855

Delta R.T. -0.06 min

Lab File: BM022540.D

Acq: 06 Sep 2019 03:47

Instrument :

BNA_M

ClientSampleId :

MDL-W-BL02

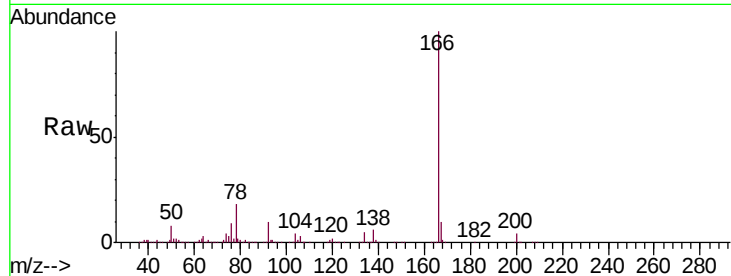
Tgt Ion:163 Resp: 911

Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

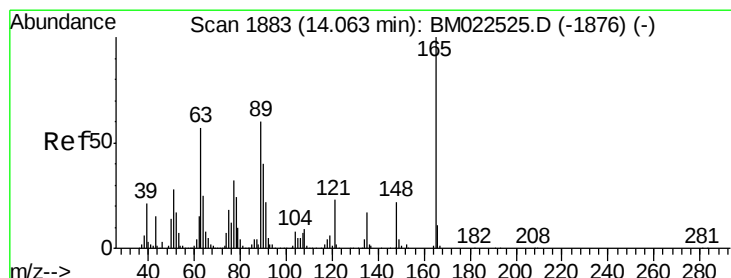
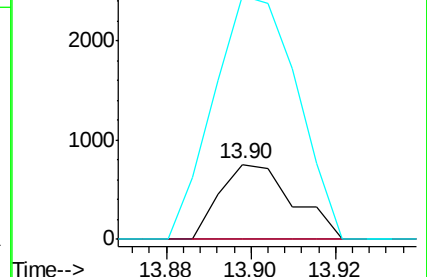
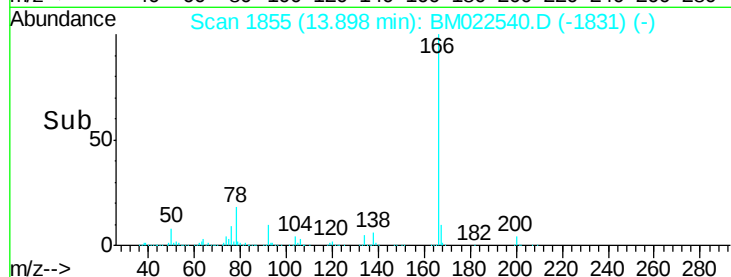
164 325.6 7.8 11.8#



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



#46

2,6-Dinitrotoluene

Concen: 1364.863 ng/ul

RT: 13.91 min Scan# 1857

Delta R.T. -0.15 min

Lab File: BM022540.D

Acq: 06 Sep 2019 03:47

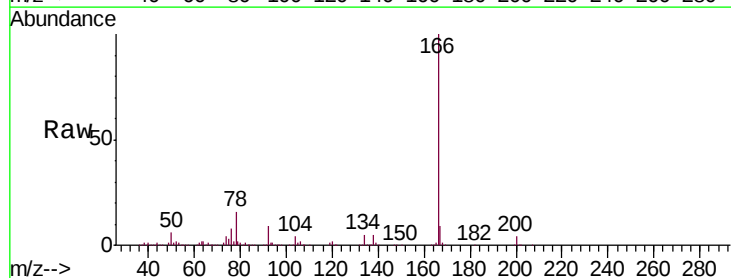
Tgt Ion:165 Resp: 9998

Ion Ratio Lower Upper

165 100

89 0.0 47.7 71.5#

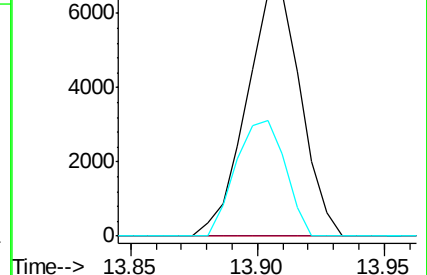
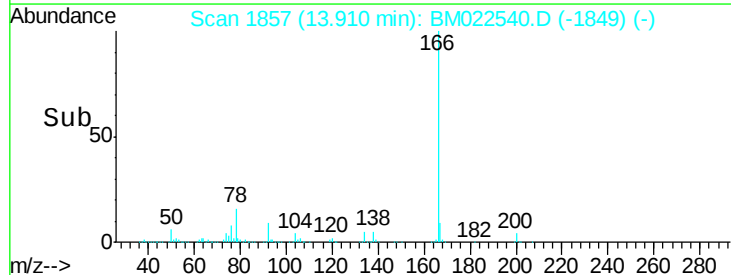
121 34.1 18.4 27.6#

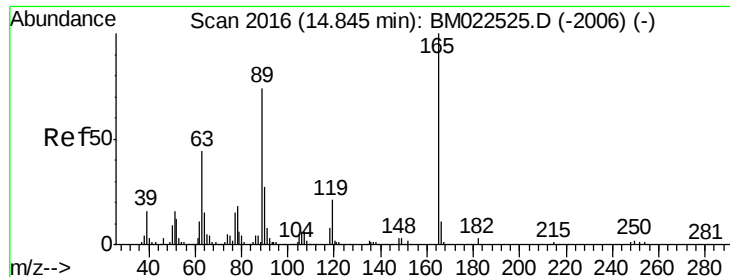


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E

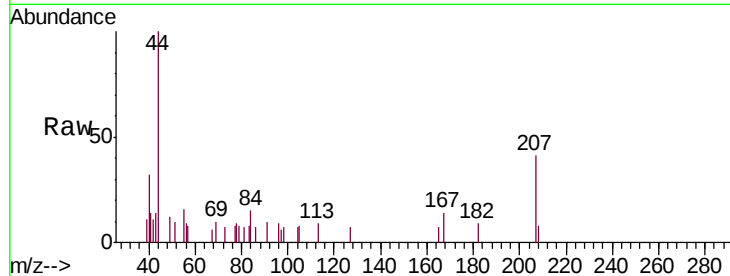




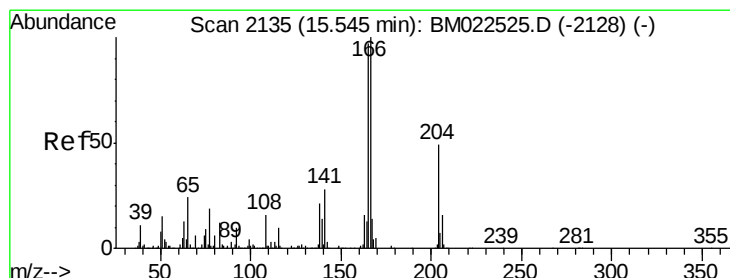
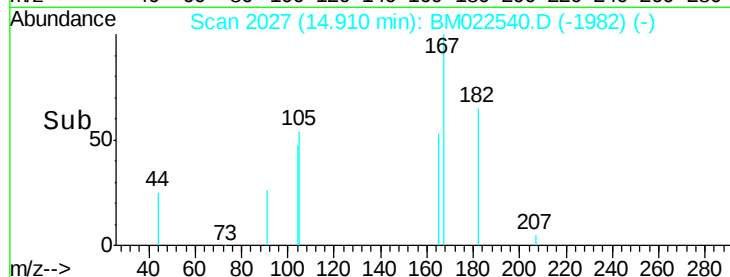
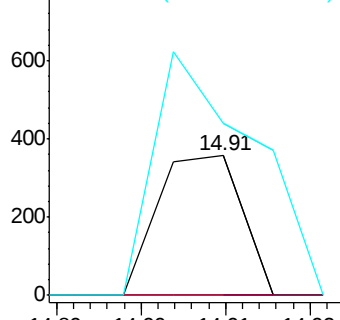
#55
2,4-Dinitrotoluene
Concen: 23.019 ng/ul
RT: 14.91 min Scan# 2027
Delta R.T. 0.06 min
Lab File: BM022540.D
Acq: 06 Sep 2019 03:47

Instrument :
BNA_M
ClientSampleId :
MDL-W-BL02

Tgt Ion:165 Resp: 247
Ion Ratio Lower Upper
165 100
63 0.0 35.7 53.5#
182 123.2 2.2 3.2#

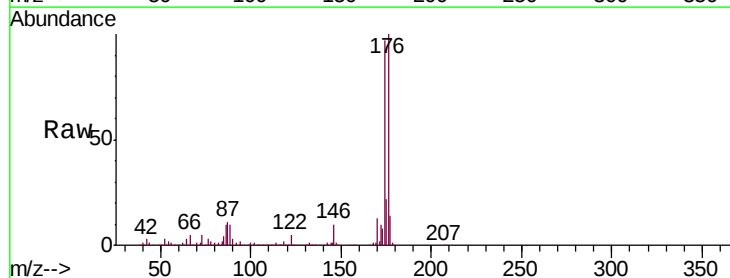


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 182.00 (181.70 to 182.70): E

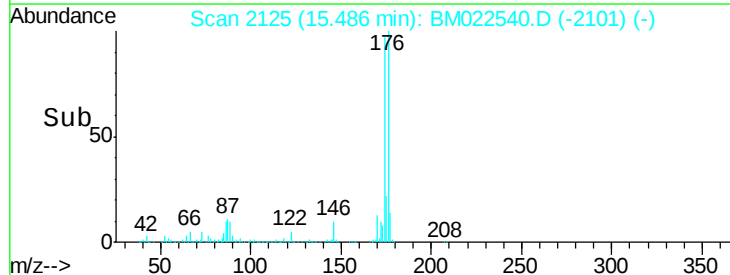
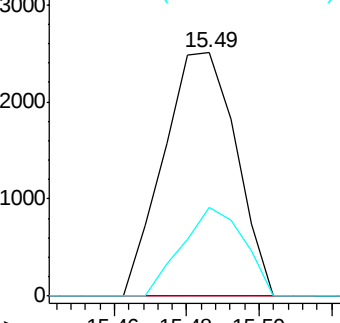


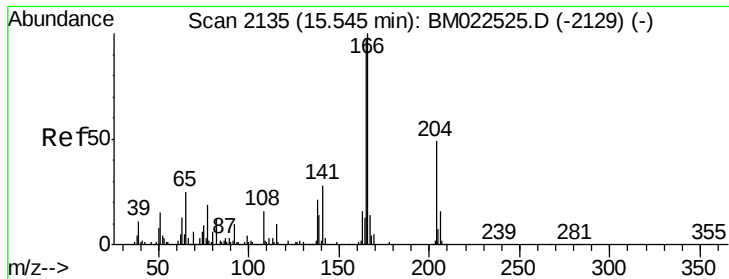
#59
Fluorene
Concen: 79.785 ng/ul
RT: 15.49 min Scan# 2125
Delta R.T. -0.06 min
Lab File: BM022540.D
Acq: 06 Sep 2019 03:47

Tgt Ion:166 Resp: 3475
Ion Ratio Lower Upper
166 100
165 0.0 77.8 116.8#
167 36.2 10.9 16.3#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

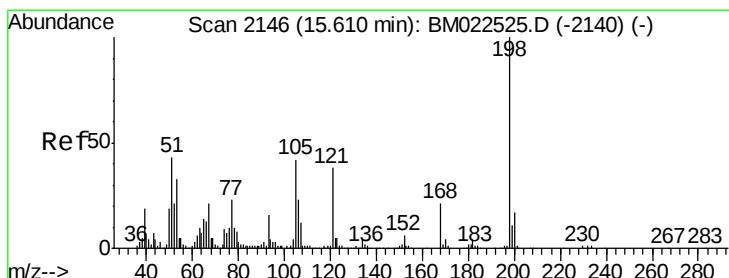
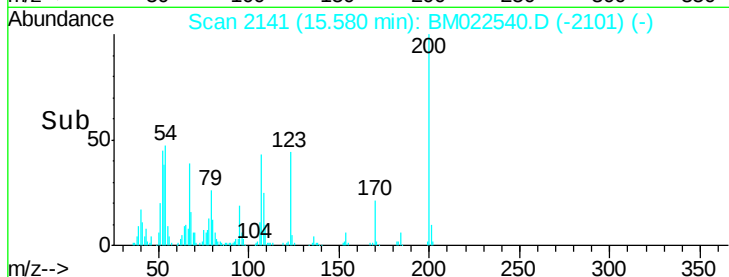
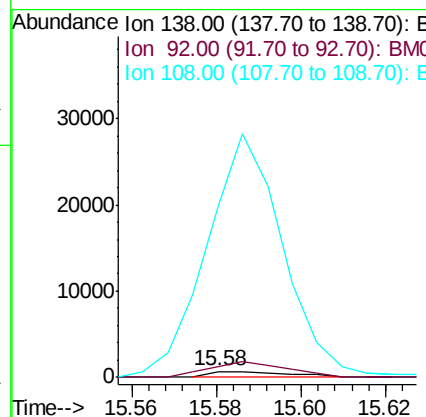
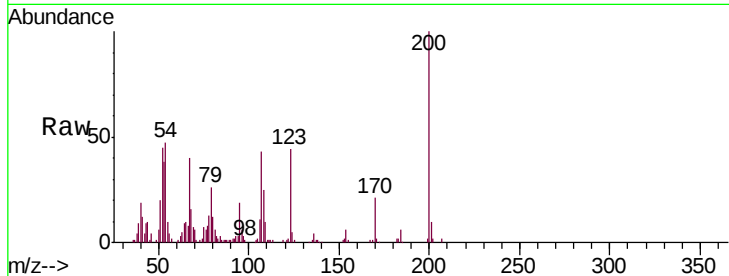




#61
4-Nitroaniline
Concen: 98.769 ng/ul
RT: 15.58 min Scan# 2141
Delta R.T. 0.04 min
Lab File: BM022540.D
Acq: 06 Sep 2019 03:47

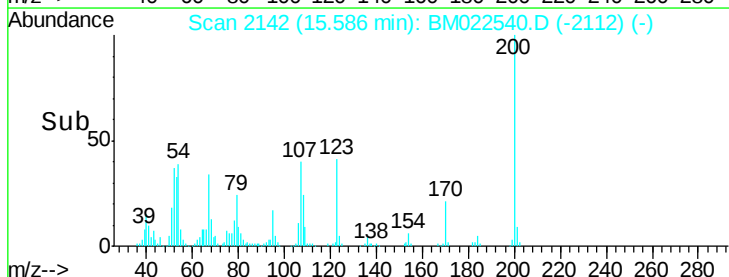
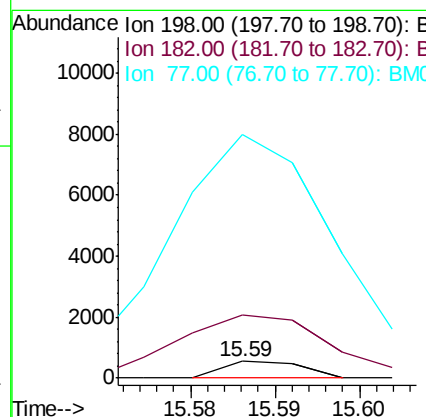
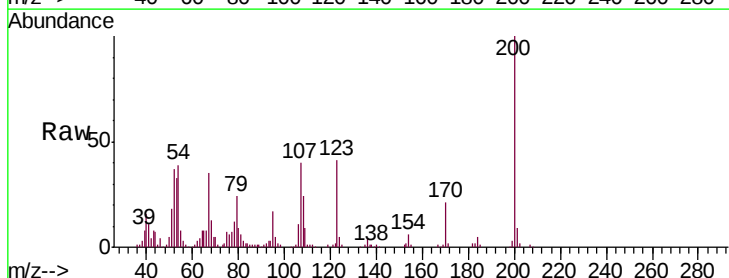
Instrument :
BNA_M
ClientSampleId :
MDL-W-BL02

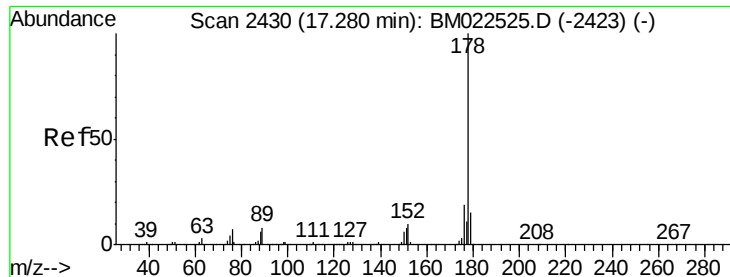
Tgt Ion:138 Resp: 894
Ion Ratio Lower Upper
138 100
92 183.2 40.3 60.5#
108 2927.0 62.2 93.2#



#64
4,6-Dinitro-2-methylphenol
Concen: 0.030 ng/ul
RT: 15.59 min Scan# 2142
Delta R.T. -0.02 min
Lab File: BM022540.D
Acq: 06 Sep 2019 03:47

Tgt Ion:198 Resp: 362
Ion Ratio Lower Upper
198 100
182 380.7 3.4 5.0#
77 1468.8 19.7 29.5#





#70

Phenanthrene

Concen: 0.005 ng/ul

RT: 17.33 min Scan# 2438

Delta R.T. 0.05 min

Lab File: BM022540.D

Acq: 06 Sep 2019 03:47

Instrument :

BNA_M

ClientSampleId :

MDL-W-BL02

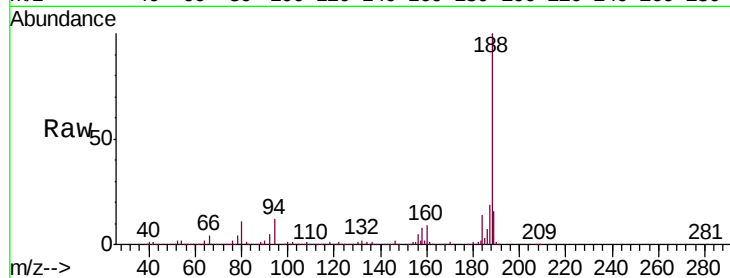
Tgt Ion:178 Resp: 744

Ion Ratio Lower Upper

178 100

179 222.1 12.0 18.0#

176 0.0 15.4 23.0#

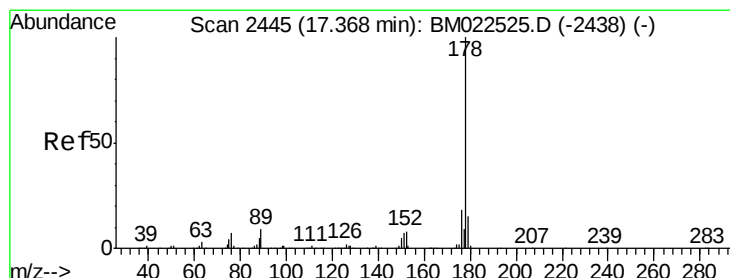
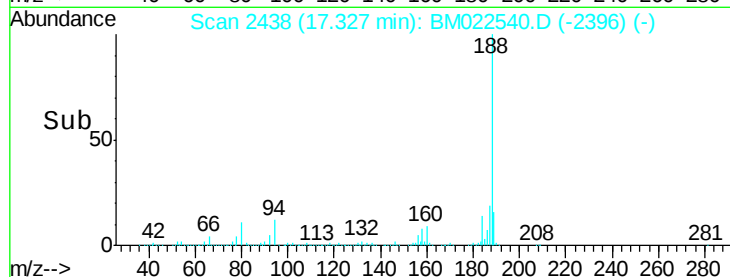
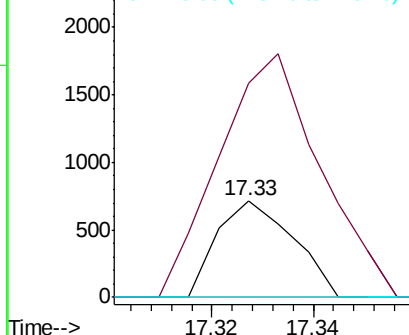


Abundance

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



#72

Anthracene

Concen: 0.005 ng/ul

RT: 17.33 min Scan# 2438

Delta R.T. -0.04 min

Lab File: BM022540.D

Acq: 06 Sep 2019 03:47

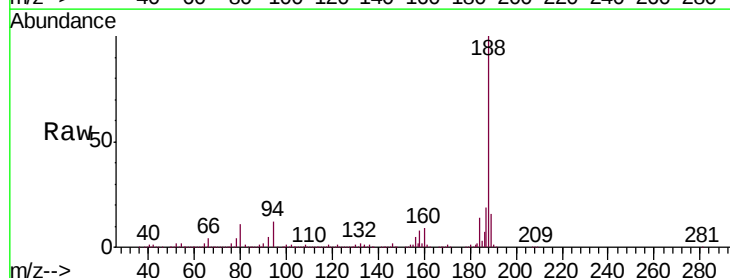
Tgt Ion:178 Resp: 744

Ion Ratio Lower Upper

178 100

179 222.1 12.3 18.5#

176 0.0 14.7 22.1#

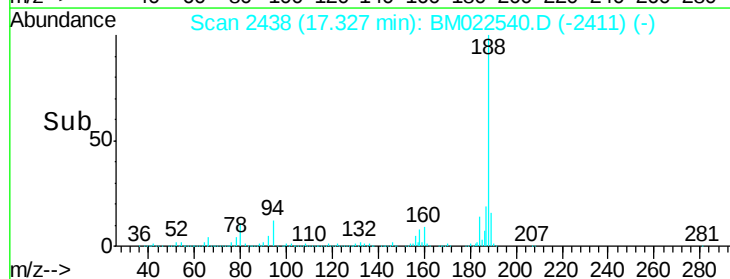
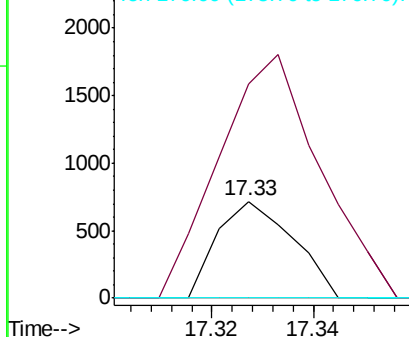


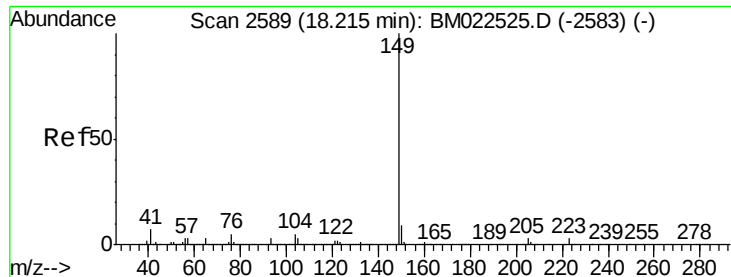
Abundance

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

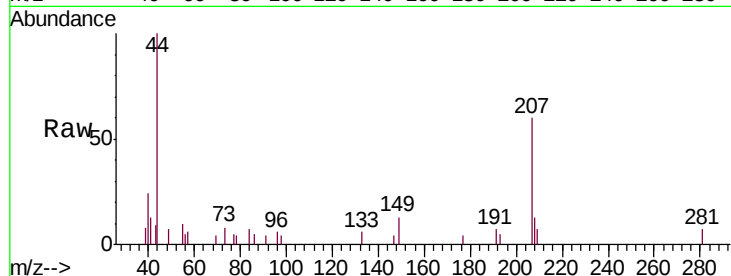




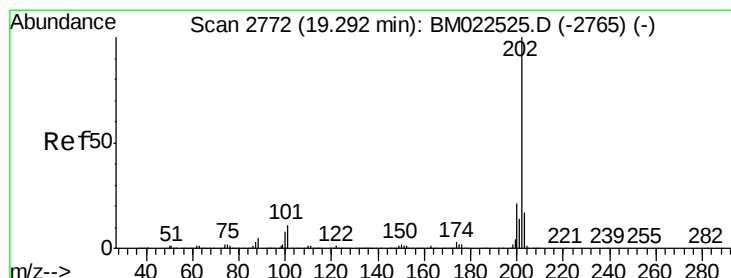
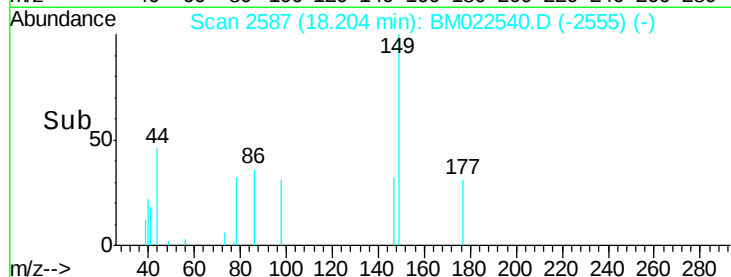
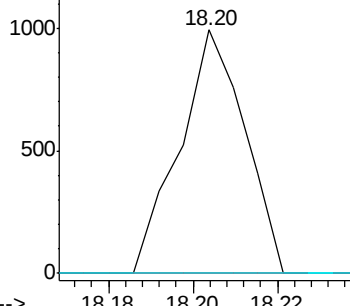
#76
Di-n-butylphthalate
Concen: 0.006 ng/ul
RT: 18.20 min Scan# 2587
Delta R.T. -0.01 min
Lab File: BM022540.D
Acq: 06 Sep 2019 03:47

Instrument :
BNA_M
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MDL-W-BL02

Tgt Ion:149 Resp: 1066
Ion Ratio Lower Upper
149 100
150 0.0 7.3 10.9#
104 0.0 3.9 5.9#

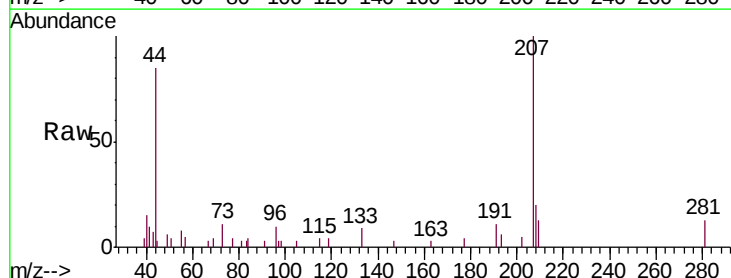


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

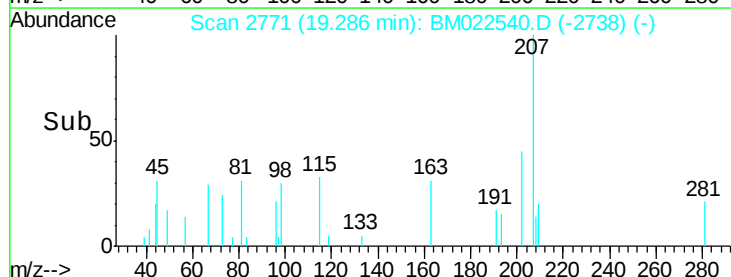
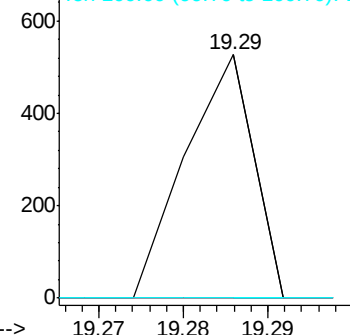


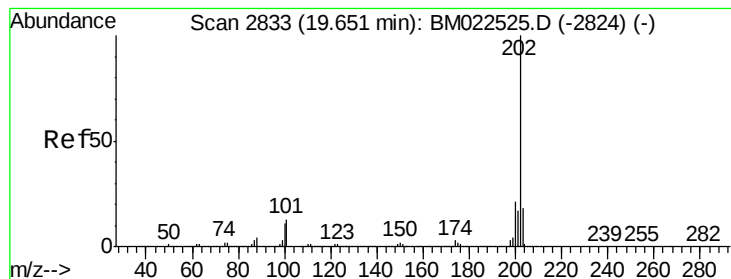
#77
Fluoranthene
Concen: 0.002 ng/ul
RT: 19.29 min Scan# 2771
Delta R.T. -0.01 min
Lab File: BM022540.D
Acq: 06 Sep 2019 03:47

Tgt Ion:202 Resp: 294
Ion Ratio Lower Upper
202 100
101 0.0 8.8 13.2#
100 0.0 6.3 9.5#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#80

Pyrene

Concen: 27.630 ng/ul

RT: 19.62 min Scan# 2828

Delta R.T. -0.03 min

Lab File: BM022540.D

Acq: 06 Sep 2019 03:47

Instrument :

BNA_M

ClientSampleId :

MDL-W-BL02

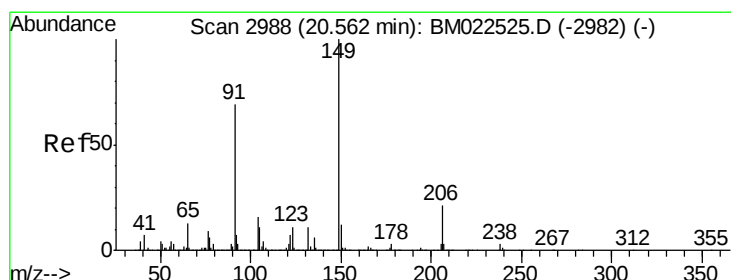
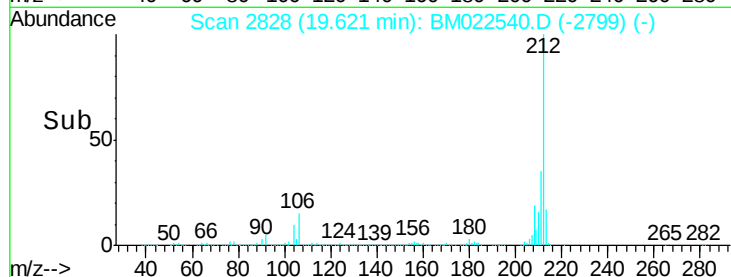
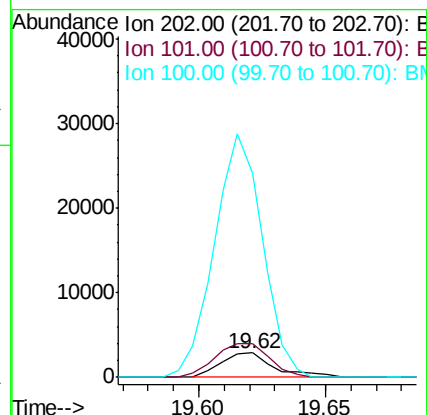
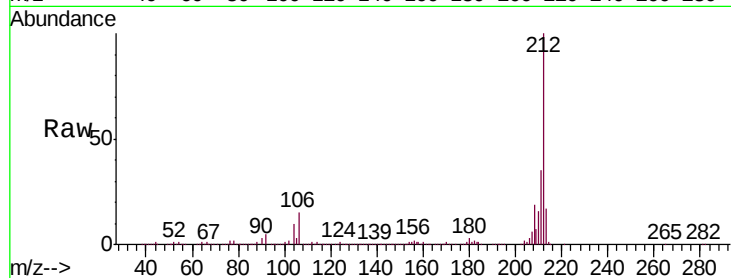
Tgt Ion: 202 Resp: 4319

Ion Ratio Lower Upper

202 100

101 141.4 10.6 16.0#

100 840.8 8.6 13.0#



#81

Butylbenzylphthalate

Concen: 2.428 ng/ul

RT: 20.55 min Scan# 2986

Delta R.T. -0.01 min

Lab File: BM022540.D

Acq: 06 Sep 2019 03:47

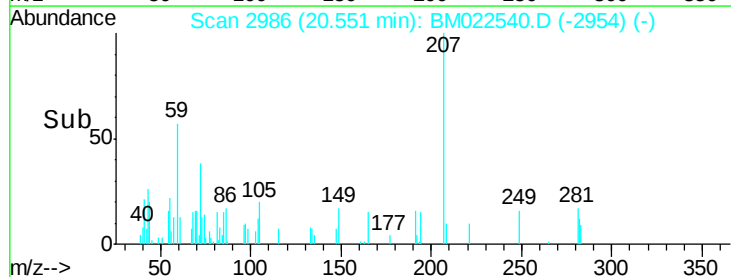
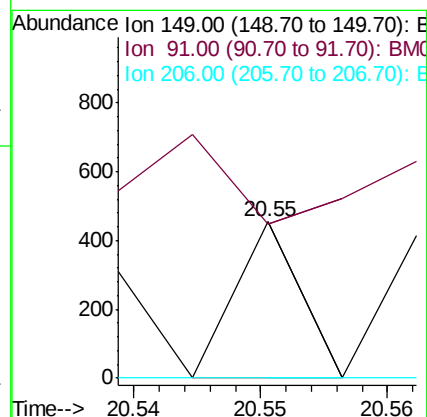
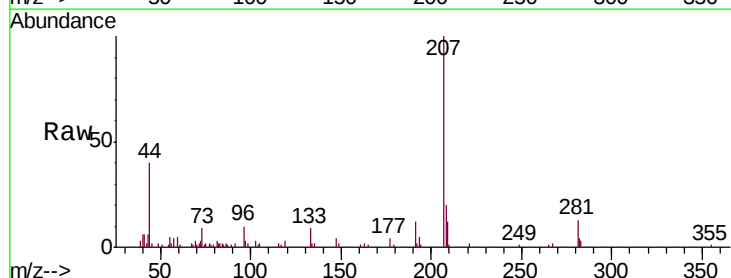
Tgt Ion: 149 Resp: 160

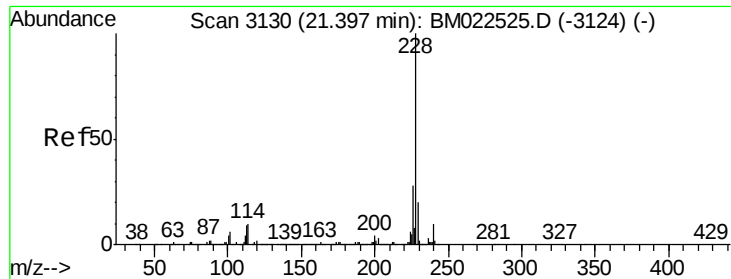
Ion Ratio Lower Upper

149 100

91 98.9 55.4 83.0#

206 0.0 17.0 25.4#





#83

Benzo(a)anthracene

Concen: 3.988 ng/ul

RT: 21.44 min Scan# 3137

Delta R.T. 0.04 min

Lab File: BM022540.D

Acq: 06 Sep 2019 03:47

Instrument :

BNA_M

ClientSampleId :

MDL-W-BL02

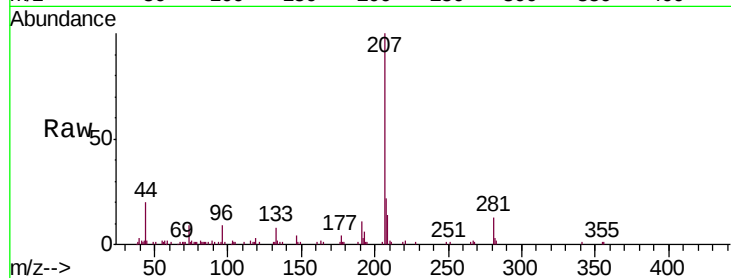
Tgt Ion:228 Resp: 639

Ion Ratio Lower Upper

228 100

229 0.0 15.7 23.5#

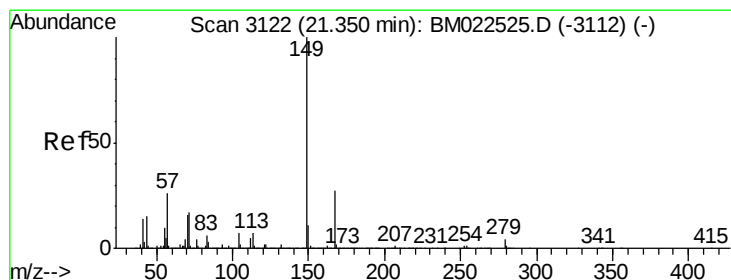
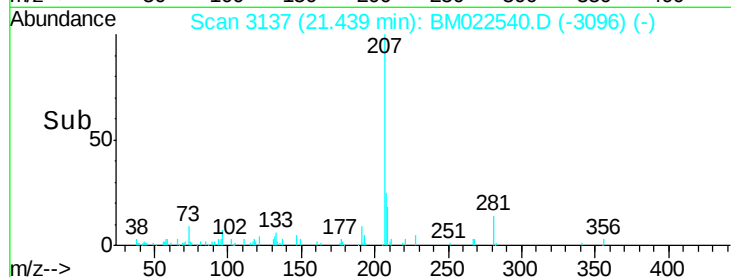
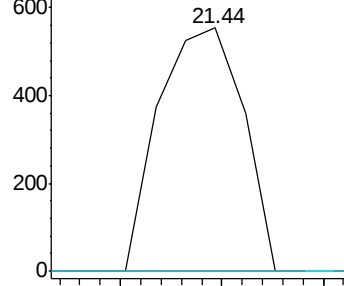
226 0.0 22.2 33.2#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.859 ng/ul

RT: 21.34 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BM022540.D

Acq: 06 Sep 2019 03:47

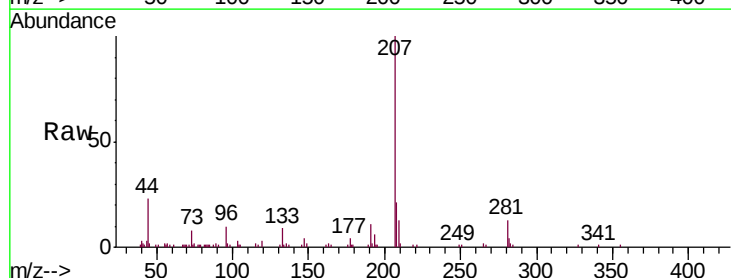
Tgt Ion:149 Resp: 786

Ion Ratio Lower Upper

149 100

167 0.0 21.7 32.5#

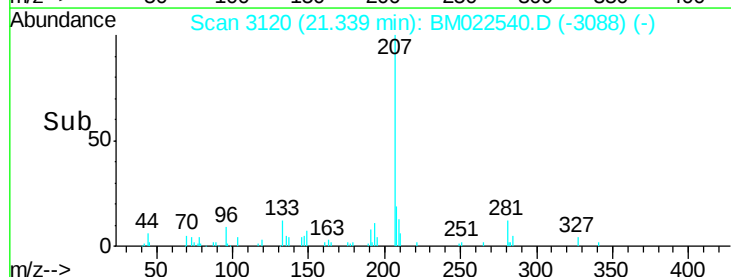
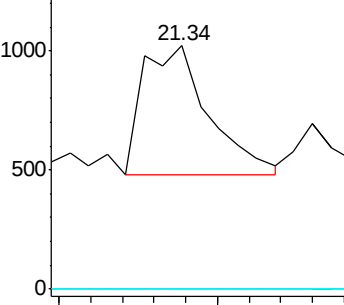
279 0.0 3.5 5.3#

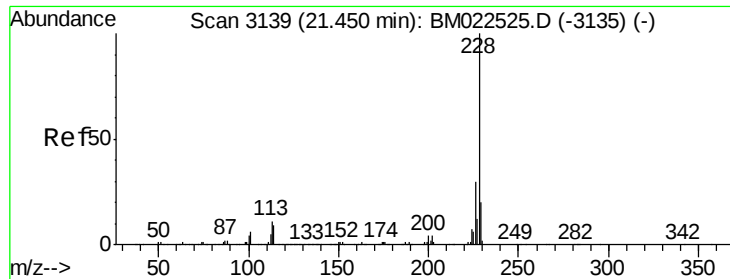


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 4.334 ng/ul

RT: 21.44 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BM022540.D

Acq: 06 Sep 2019 03:47

Instrument :

BNA_M

ClientSampleId :

MDL-W-BL02

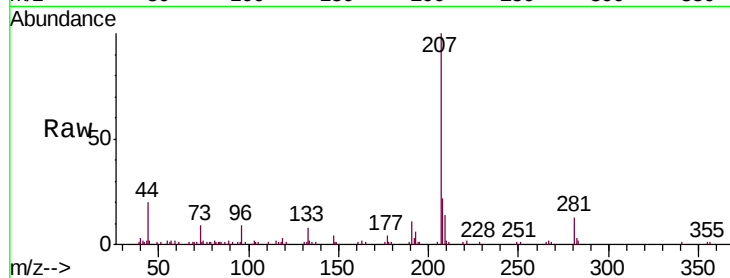
Tgt Ion:228 Resp: 639

Ion Ratio Lower Upper

228 100

226 0.0 24.2 36.4#

229 0.0 15.8 23.6#



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

21.44

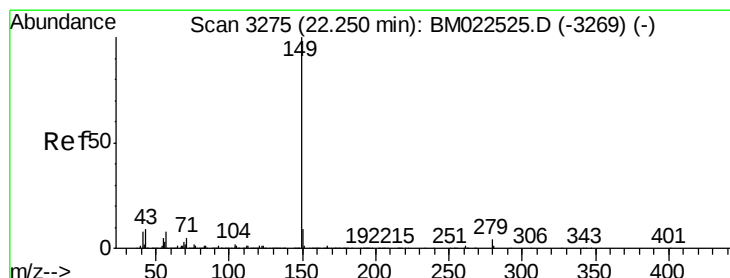
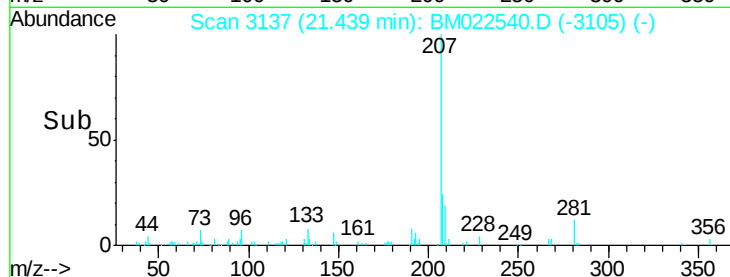
400

200

0

21.42 21.44 21.46

Time-->



#87

Di-n-octyl phthalate

Concen: 0.001 ng/ul

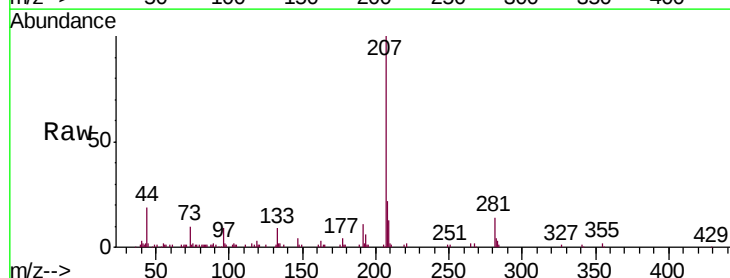
RT: 22.10 min Scan# 3249

Delta R.T. -0.15 min

Lab File: BM022540.D

Acq: 06 Sep 2019 03:47

Tgt Ion:149 Resp: 237



Abundance Ion 149.00 (148.70 to 149.70): E

22.10

1000

800

600

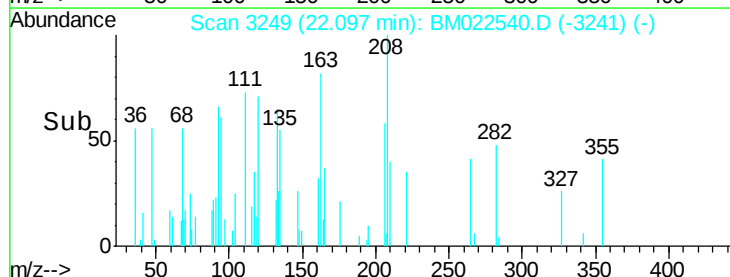
400

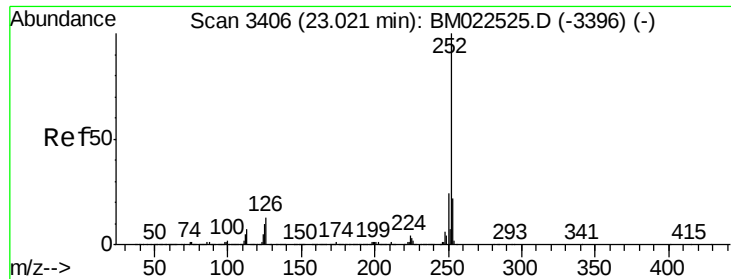
200

0

22.08 22.10

Time-->





#88

Benzo(b)fluoranthene

Concen: 0.002 ng/ul

RT: 23.00 min Scan# 3402

Delta R.T. -0.02 min

Lab File: BM022540.D

Acq: 06 Sep 2019 03:47

Instrument :

BNA_M

ClientSampleId :

MDL-W-BL02

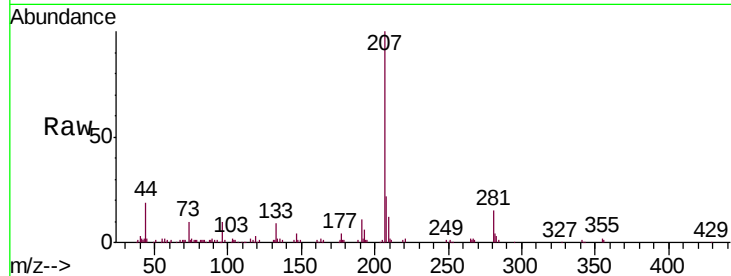
Tgt Ion:252 Resp: 354

Ion Ratio Lower Upper

252 100

253 79.6 17.8 26.6#

125 0.0 8.0 12.0#

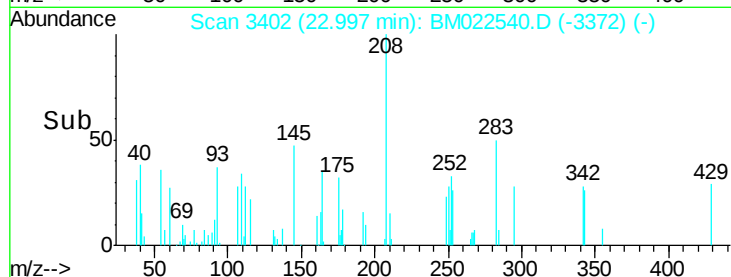


Abundance Ion 252.00 (251.70 to 252.70): E

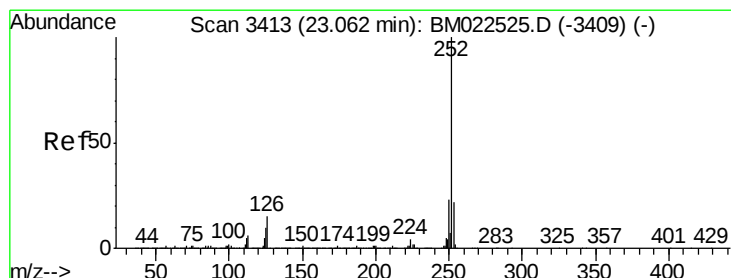
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time--> 22.98 23.00 23.02



Time--> 22.98 23.00 23.02



#89

Benzo(k)fluoranthene

Concen: 0.002 ng/ul

RT: 23.00 min Scan# 3402

Delta R.T. -0.06 min

Lab File: BM022540.D

Acq: 06 Sep 2019 03:47

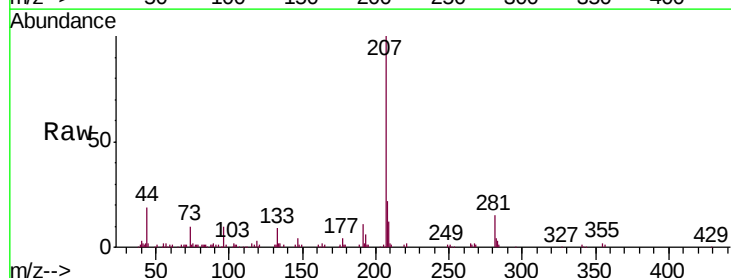
Tgt Ion:252 Resp: 354

Ion Ratio Lower Upper

252 100

253 79.6 17.4 26.2#

125 0.0 8.2 12.2#

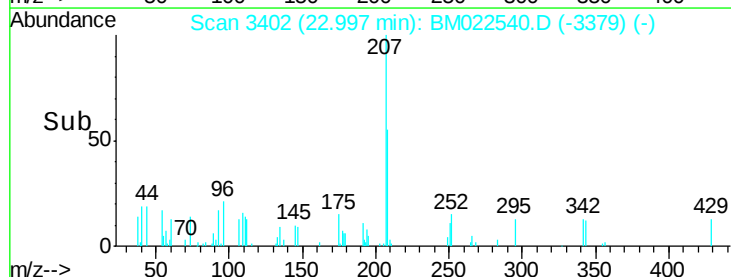


Abundance Ion 252.00 (251.70 to 252.70): E

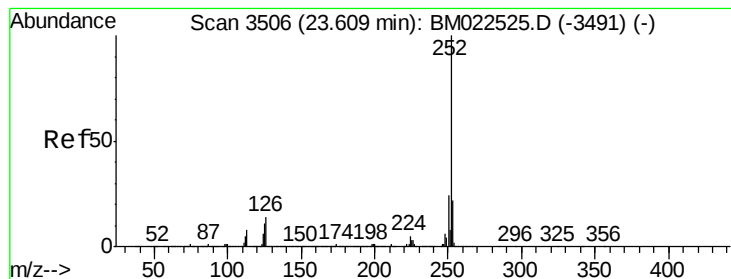
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time--> 22.98 23.00 23.02



Time--> 22.98 23.00 23.02



#91

Benzo(a)pyrene

Concen: 0.055 ng/ul

RT: 23.55 min Scan# 3496

Delta R.T. -0.06 min

Lab File: BM022540.D

Acq: 06 Sep 2019 03:47

Instrument :

BNA_M

ClientSampleId :

MDL-W-BL02

Tgt Ion: 252 Resp: 10179

Ion Ratio Lower Upper

252 100

253 29.2 17.5 26.3#

125 26.9 8.9 13.3#

