

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121716\
 Data File : BM008391.D
 Acq On : 17 Dec 2016 01:51
 Operator : UM/SJ
 Sample : H6067-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA794

Quant Time: Dec 17 03:25:36 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 17 03:19:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	112971	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	439031	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	283540	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	579537	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	733940	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	761112	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.23	96	10091	4.20	ng/uL	0.00
5) Phenol-d5	6.86	99	162803	18.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	106926	21.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	137497	20.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	126958	18.70	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	64850	20.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	69678	19.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	123982	19.24	ng/ul	0.01
29) 4-Chloroaniline-d4	10.61	131	122234	16.55	ng/ul	0.02
43) Dimethylphthalate-d6	13.72	166	419102	22.24	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	499171	22.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	4534	1.63	ng/ul	0.05
57) Fluorene-d10	15.30	176	357893	21.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	27715	8.03	ng/ul	0.01
70) Anthracene-d10	17.16	188	584414	23.15	ng/ul	0.00
76) Pyrene-d10	19.46	212	697823	24.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	728101	22.78	ng/ul	0.00

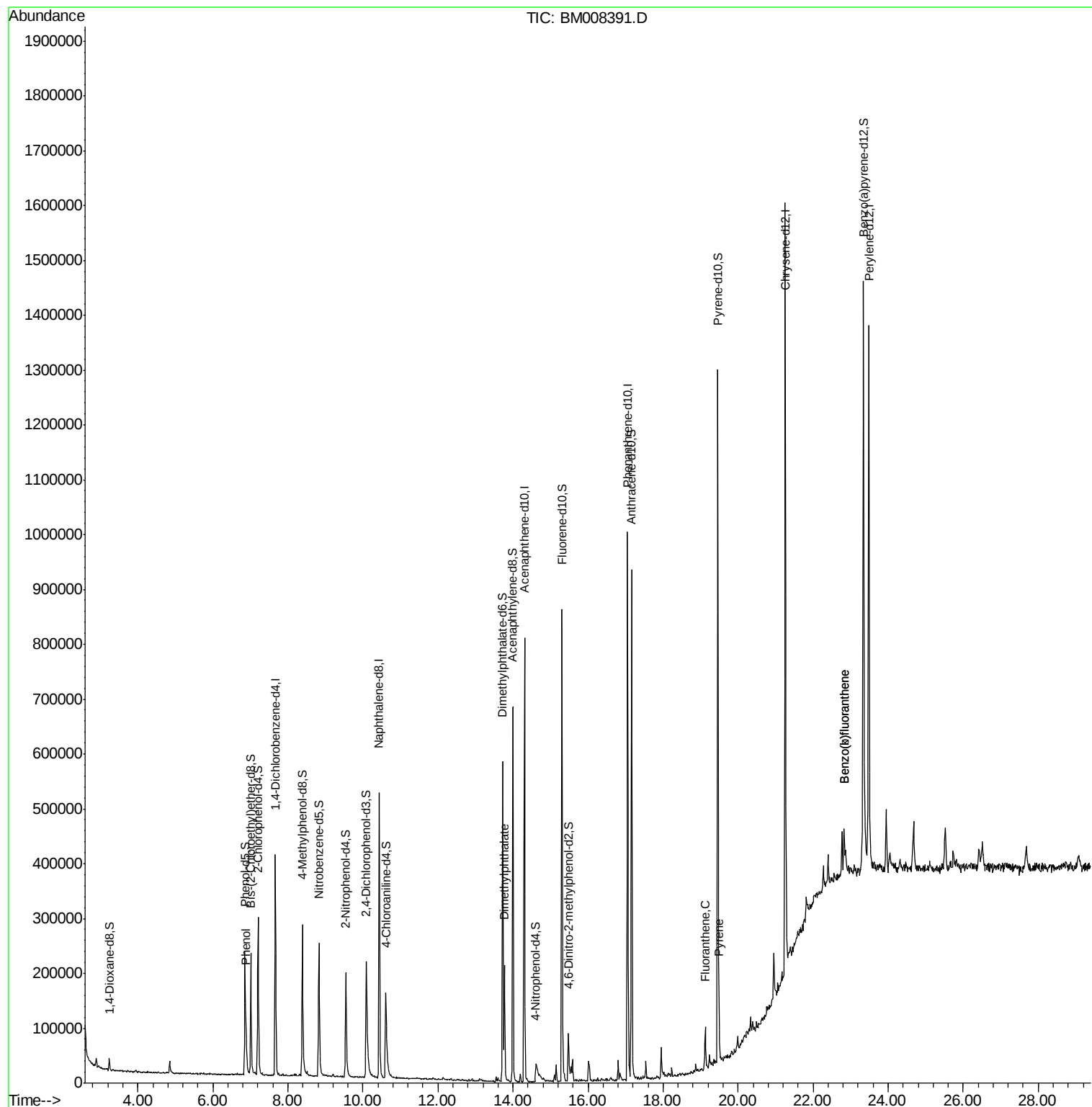
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	6.88	94	30320	3.33	ng/ul	97
44) Dimethylphthalate	13.77	163	149114	8.07	ng/ul	99
74) Fluoranthene	19.13	202	36487	1.00	ng/ul#	92
77) Pyrene	19.49	202	40897	1.13	ng/ul	99
85) Benzo(b)fluoranthene	22.83	252	47915	1.17	ng/ul#	90
86) Benzo(k)fluoranthene	22.83	252	47915	1.22	ng/ul#	91

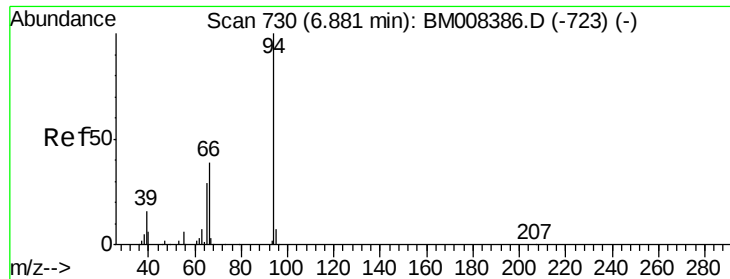
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.33 ng/ul

RT: 6.88 min Scan# 730

Delta R.T. 0.00 min

Lab File: BM008391.D

Acq: 17 Dec 2016 01:51

Instrument :

BNA_M

ClientSampleId :

DA794

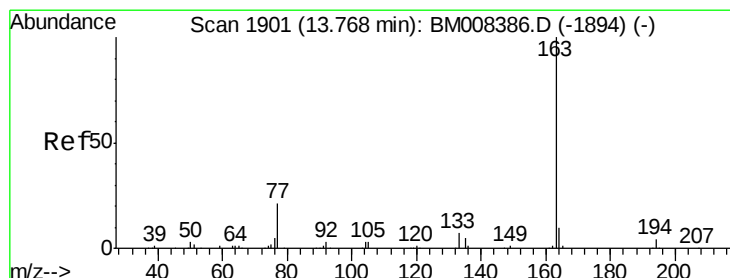
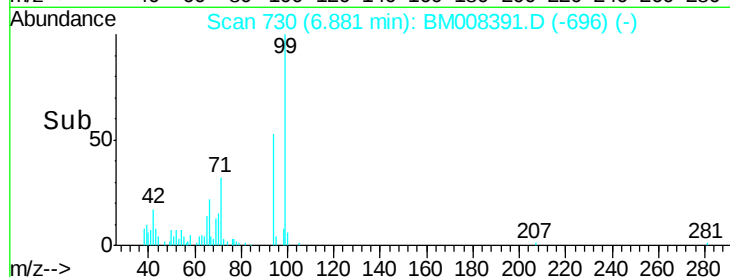
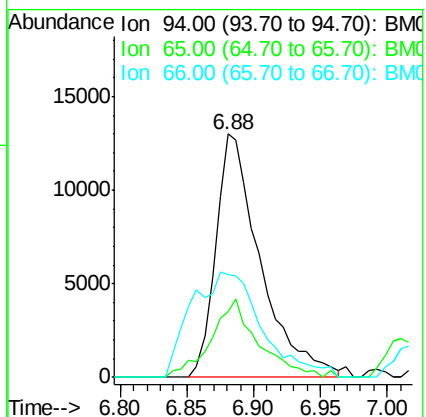
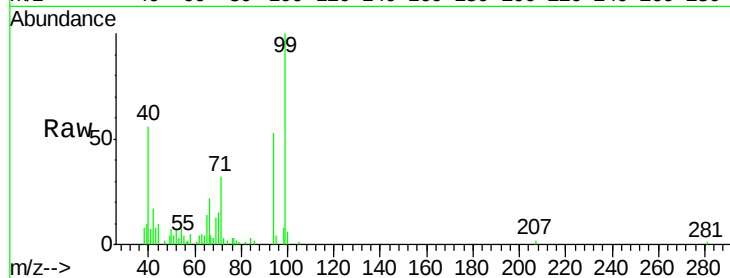
Tgt Ion: 94 Resp: 30320

Ion Ratio Lower Upper

94 100

65 27.2 22.6 34.0

66 42.0 35.8 53.8



#44

Dimethylphthalate

Concen: 8.07 ng/ul

RT: 13.77 min Scan# 1902

Delta R.T. 0.01 min

Lab File: BM008391.D

Acq: 17 Dec 2016 01:51

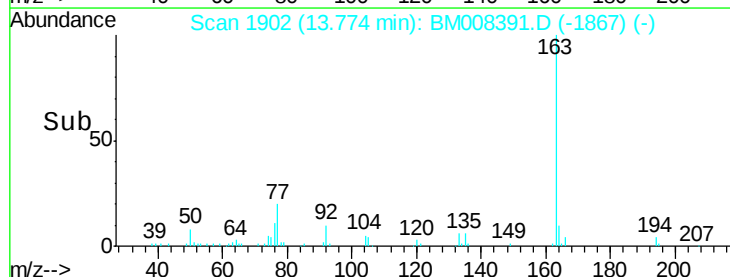
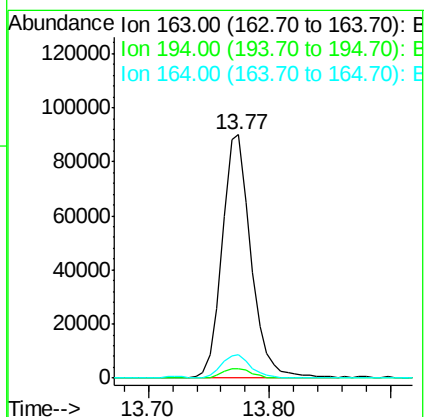
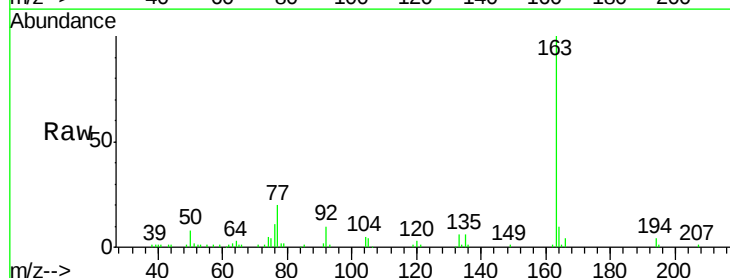
Tgt Ion: 163 Resp: 149114

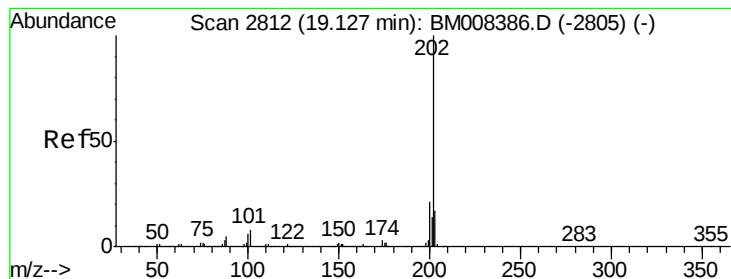
Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

164 9.6 7.8 11.8





#74

Fluoranthene

Concen: 1.00 ng/ul

RT: 19.13 min Scan# 2812

Delta R.T. 0.00 min

Lab File: BM008391.D

Acq: 17 Dec 2016 01:51

Instrument :

BNA_M

ClientSampleId :

DA794

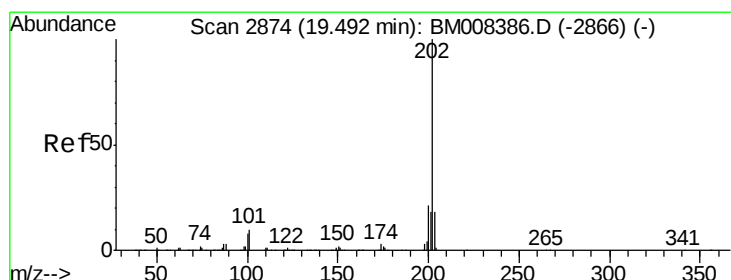
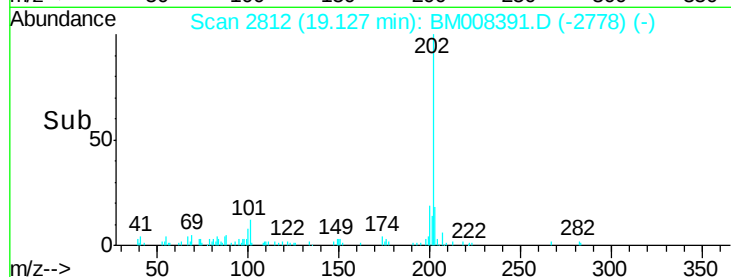
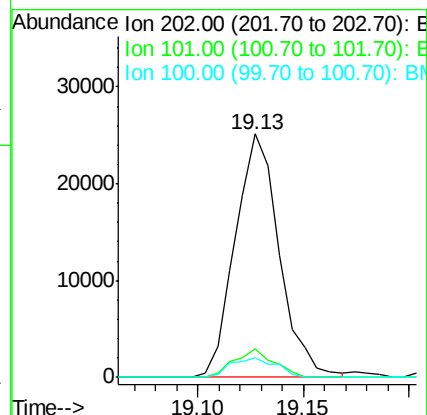
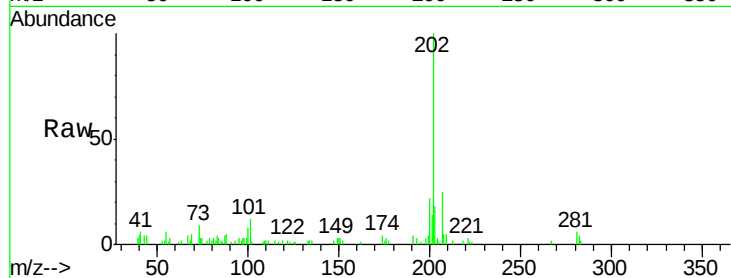
Tgt Ion:202 Resp: 36487

Ion Ratio Lower Upper

202 100

101 11.8 6.6 10.0#

100 8.3 5.3 7.9#



#77

Pyrene

Concen: 1.13 ng/ul

RT: 19.49 min Scan# 2874

Delta R.T. 0.00 min

Lab File: BM008391.D

Acq: 17 Dec 2016 01:51

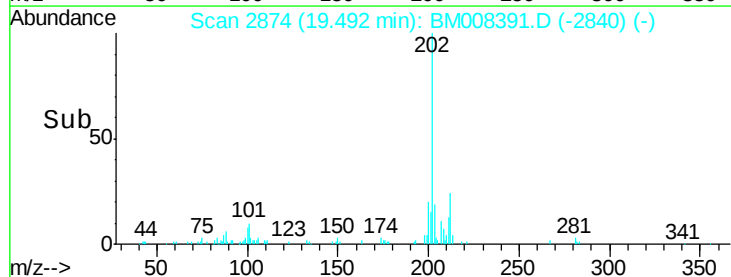
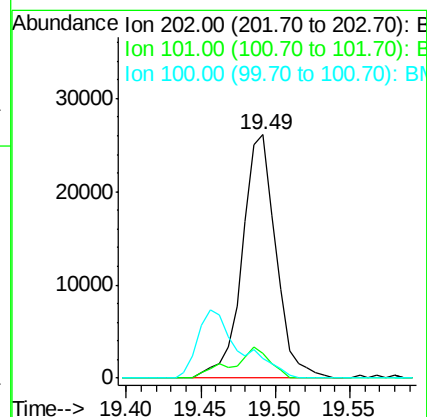
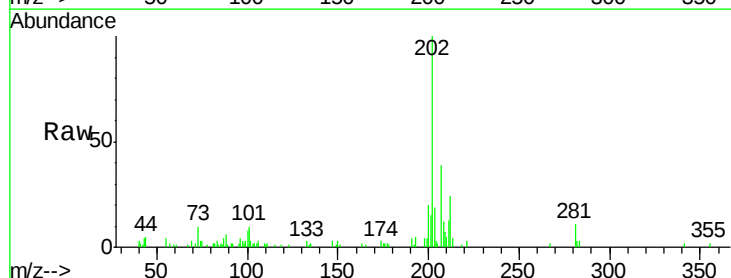
Tgt Ion:202 Resp: 40897

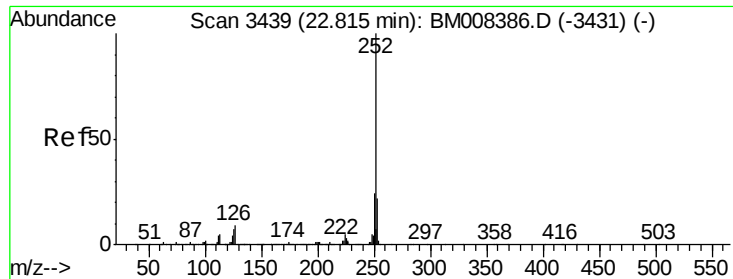
Ion Ratio Lower Upper

202 100

101 9.9 8.2 12.4

100 8.1 7.0 10.6

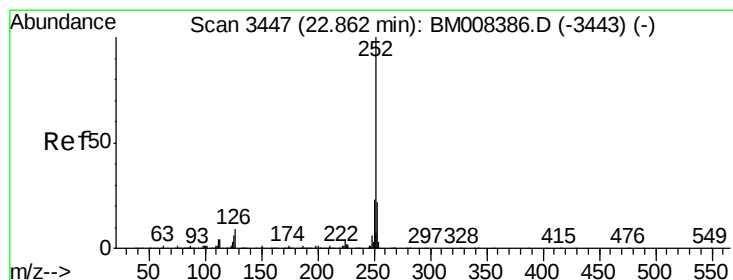
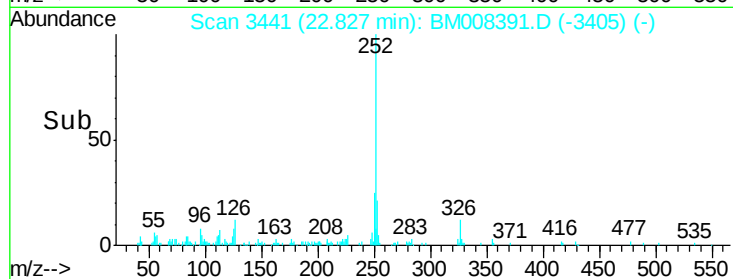
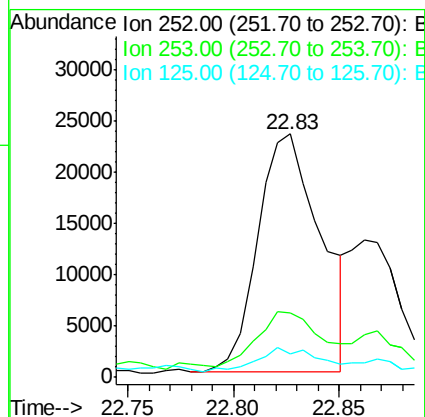
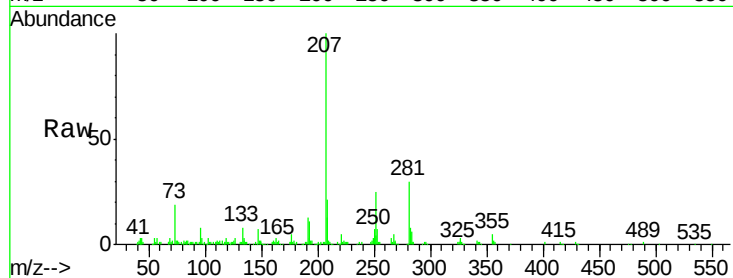




#85
Benzo(b)fluoranthene
Concen: 1.17 ng/ul
RT: 22.83 min Scan# 3441
Delta R.T. 0.01 min
Lab File: BM008391.D
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Instrument :
BNA_M
ClientSampleId :
DA794

Tgt Ion:252 Resp: 47915
Ion Ratio Lower Upper
252 100
253 26.4 17.1 25.7#
125 9.8 5.4 8.2#



#86
Benzo(k)fluoranthene
Concen: 1.22 ng/ul
RT: 22.83 min Scan# 3441
Delta R.T. -0.04 min
Lab File: BM008391.D
Acq: 17 Dec 2016 01:51

Tgt Ion:252 Resp: 47915
Ion Ratio Lower Upper
252 100
253 26.4 17.6 26.4#
125 9.8 5.8 8.6#

