

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024745.D
 Acq On : 07 Feb 2020 01:39
 Operator : CG/JU
 Sample : L1398-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 07 04:04:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 06 16:50:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	284425	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	1120702	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	771597	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1729919	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1702256	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1893527	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	14524	2.46	ng/uL	0.00
5) Phenol-d5	6.60	99	267463	14.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	157656	14.77	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	248588	14.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	225637	14.15	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	118044	14.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	137183	14.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	261058	13.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	318200	17.61	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	901090	15.47	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1035088	15.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	115624	12.22	ng/ul	0.00
58) Fluorene-d10	15.06	176	785345	15.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	140666	12.47	ng/ul	0.00
71) Anthracene-d10	16.92	188	1275547	16.15	ng/ul	0.00
79) Pyrene-d10	19.22	212	1558366	18.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1658287	17.44	ng/ul	0.00

Target Compounds

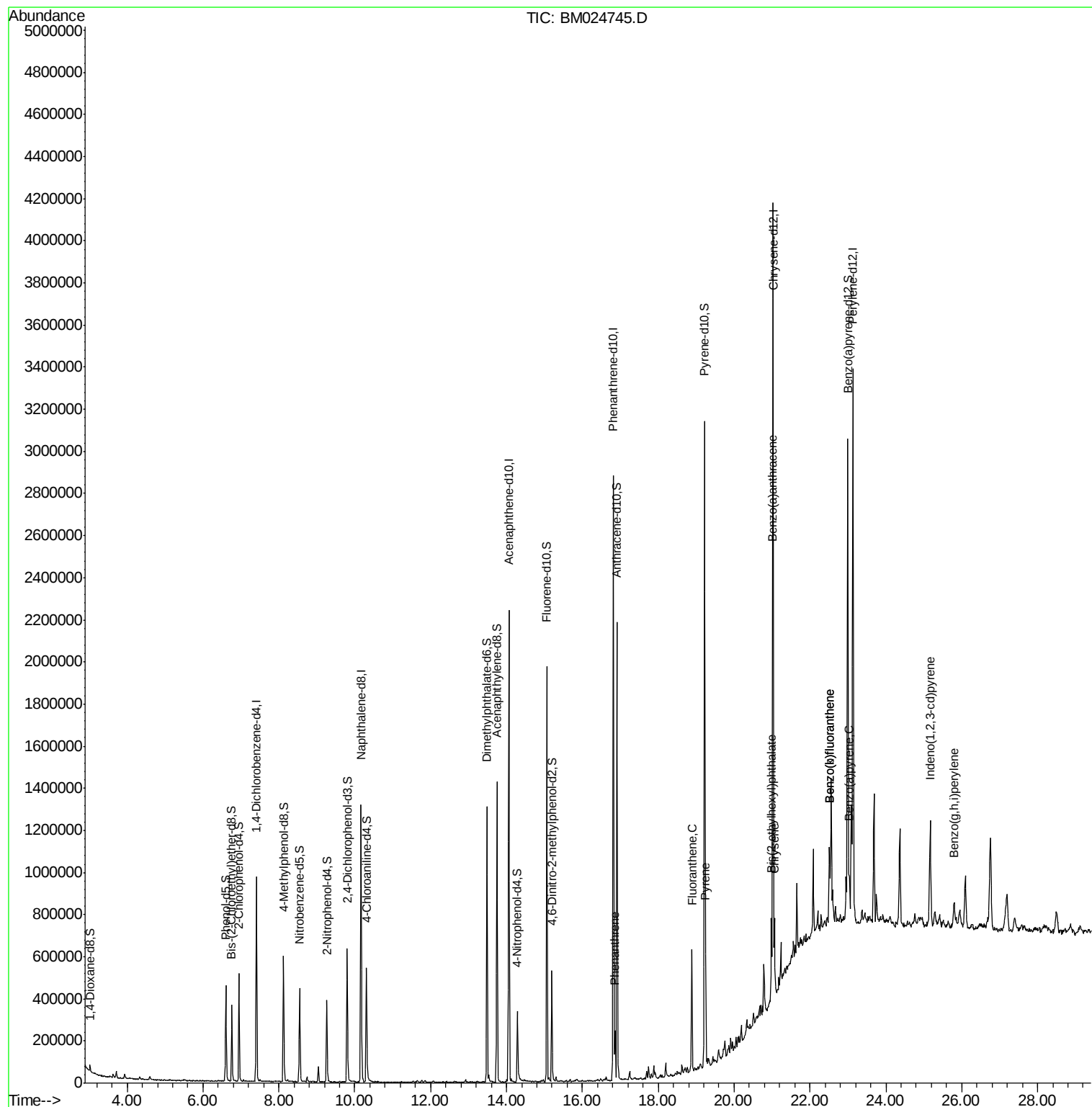
				Ovalue	
70) Phenanthrene	16.86	178	138475	1.468	ng/ul 97
77) Fluoranthene	18.89	202	362396	3.130	ng/ul 99
80) Pyrene	19.25	202	337314	2.994	ng/ul 99
83) Benzo(a)anthracene	21.01	228	213702	1.864	ng/ul 99
84) Bis(2-ethylhexyl)phthalate	20.99	149	137173	2.056	ng/ul 99
85) Chrysene	21.06	228	209933	1.860	ng/ul 98
88) Benzo(b)fluoranthene	22.51	252	312456	2.595	ng/ul# 98
89) Benzo(k)fluoranthene	22.51	252	312456	2.696	ng/ul# 98
91) Benzo(a)pyrene	23.04	252	196081	1.816	ng/ul# 98
92) Indeno(1,2,3-cd)pyrene	25.18	276	153664	1.143	ng/ul 99
94) Benzo(g,h,i)perylene	25.80	276	140644	1.258	ng/ul 97

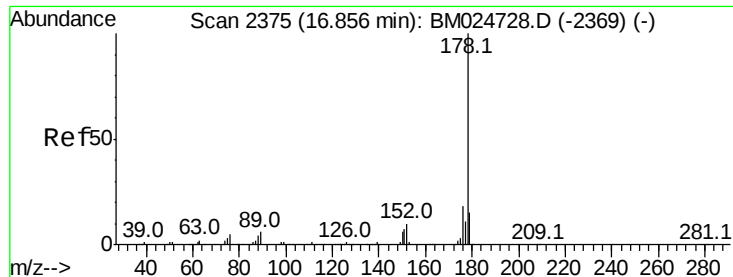
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 06 16:50:23 2020
Response via : Initial Calibration





#70

Phenanthrene

Concen: 1.468 ng/ul

RT: 16.86 min Scan# 2375

Delta R.T. 0.00 min

Lab File: BM024745.D

Acq: 07 Feb 2020 01:39

Instrument :

BNA_M

ClientSampleId :

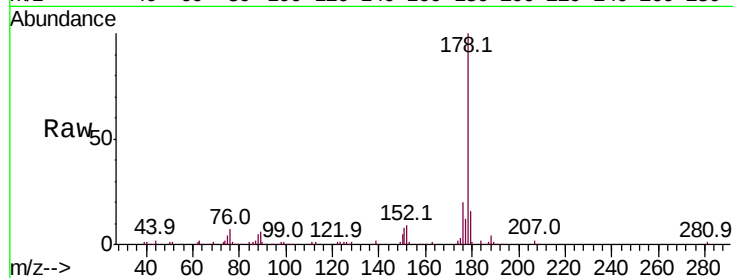
Tot Ion:178 Resp: 138475

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.2

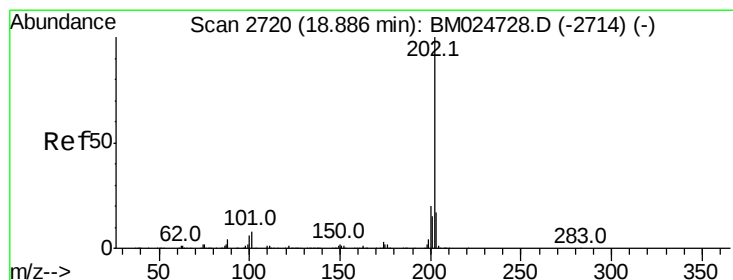
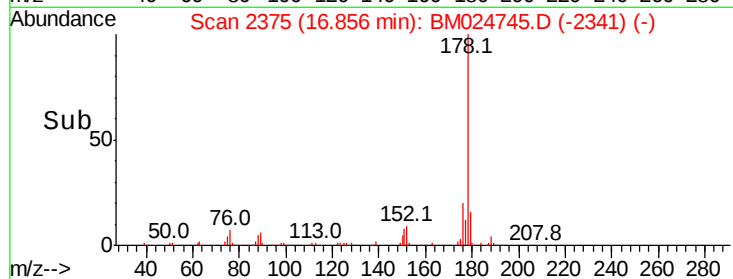
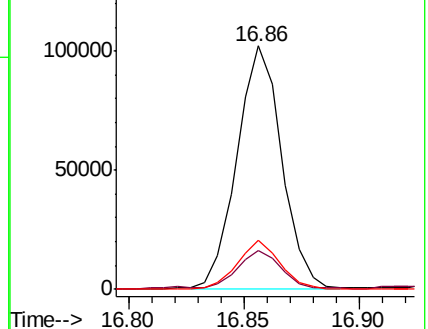
176 20.0 14.5 21.7



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



#77

Fluoranthene

Concen: 3.130 ng/ul

RT: 18.89 min Scan# 2720

Delta R.T. 0.00 min

Lab File: BM024745.D

Acq: 07 Feb 2020 01:39

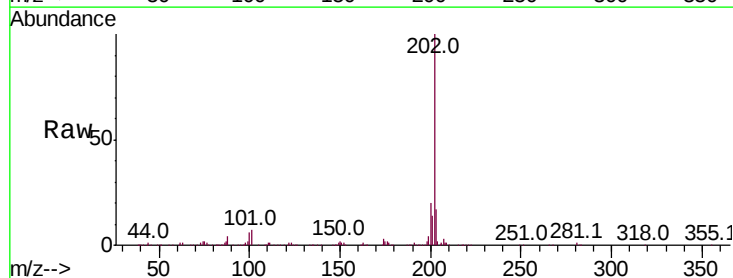
Tgt Ion:202 Resp: 362396

Ion Ratio Lower Upper

202 100

101 7.2 6.1 9.1

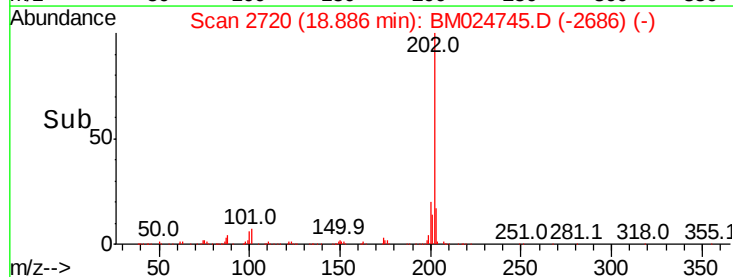
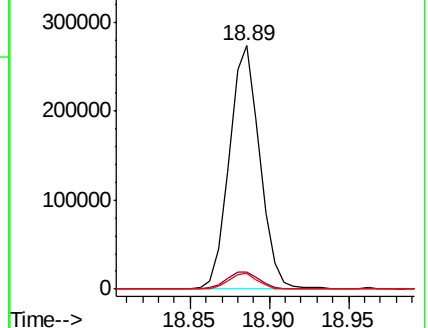
100 6.2 4.8 7.2

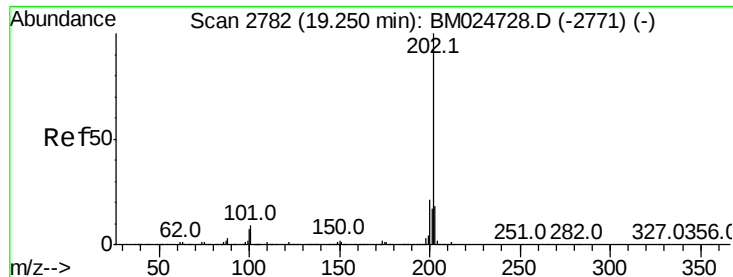


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

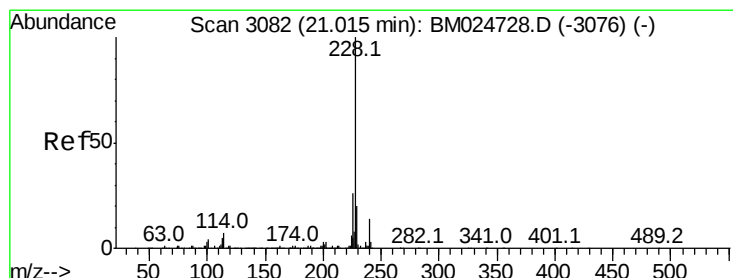
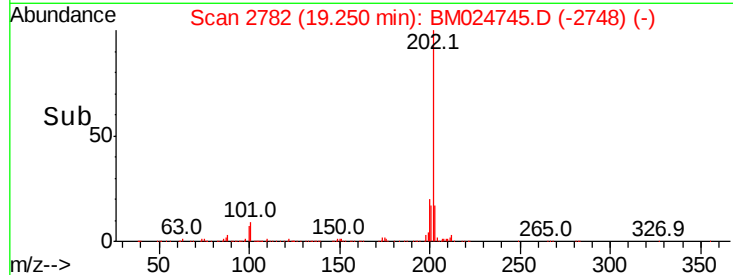
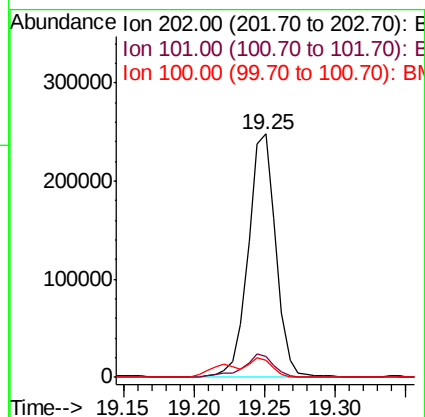
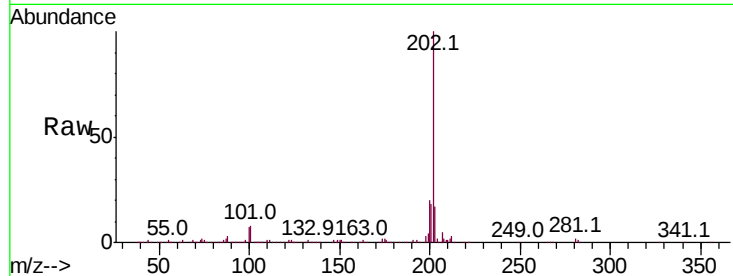




#80
Pvrene
Concen: 2.994 ng/ul
RT: 19.25 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BM024745.D
Acq: 07 Feb 2020 01:39

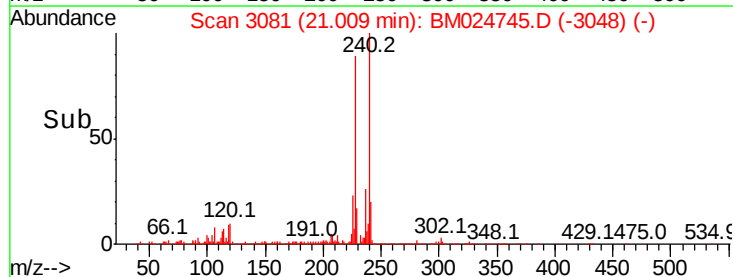
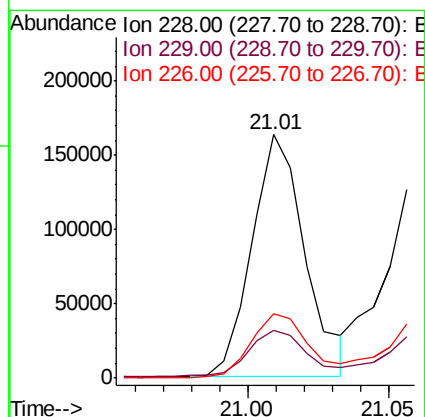
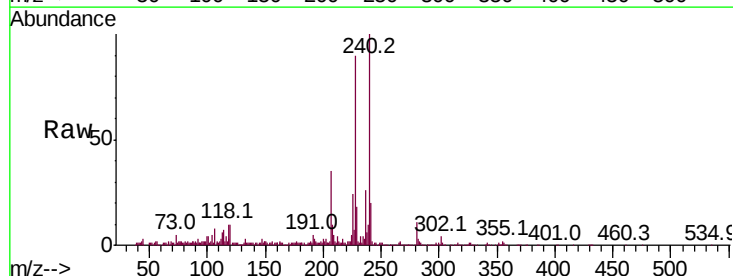
Instrument :
BNA_M
ClientSampleId :

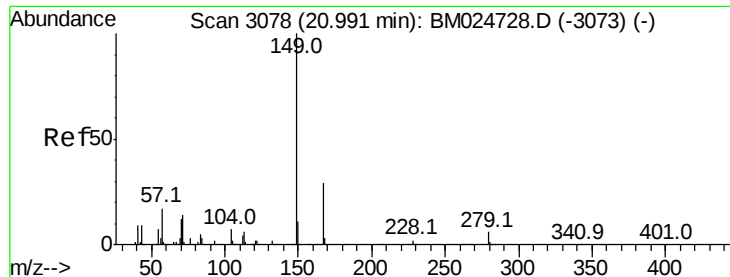
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.4	7.0	10.4
100	7.2	5.8	8.8



#83
Benzo(a)anthracene
Concen: 1.864 ng/ul
RT: 21.01 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BM024745.D
Acq: 07 Feb 2020 01:39

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.9	23.9
226	26.2	20.8	31.2

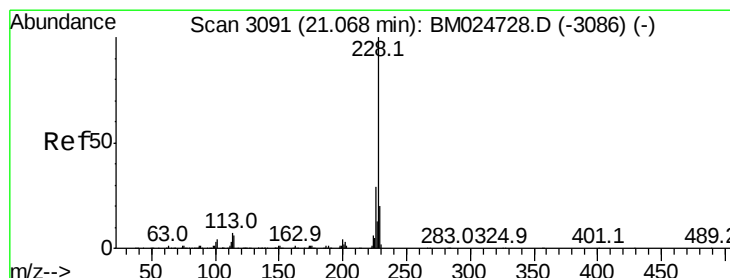
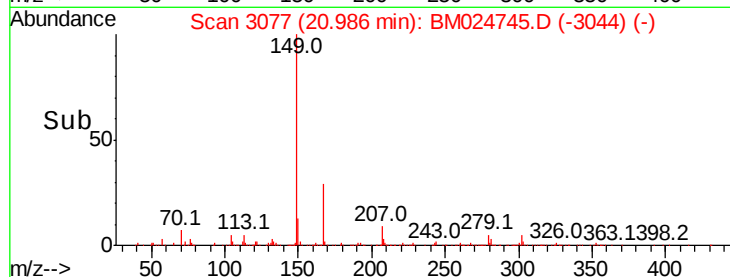
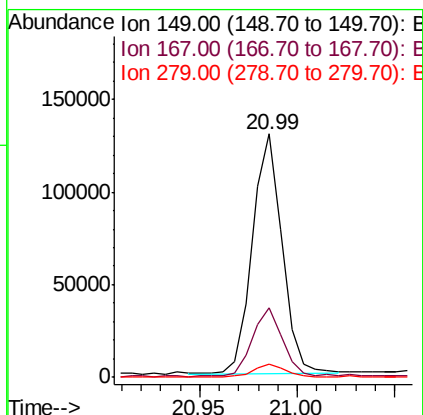
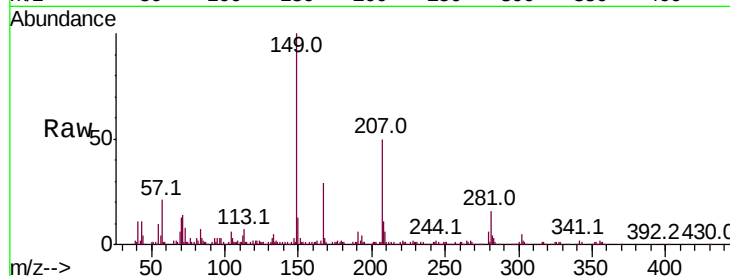




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.056 ng/ul
 RT: 20.99 min Scan# 3077
 Delta R.T. -0.01 min
 Lab File: BM024745.D
 Acq: 07 Feb 2020 01:39

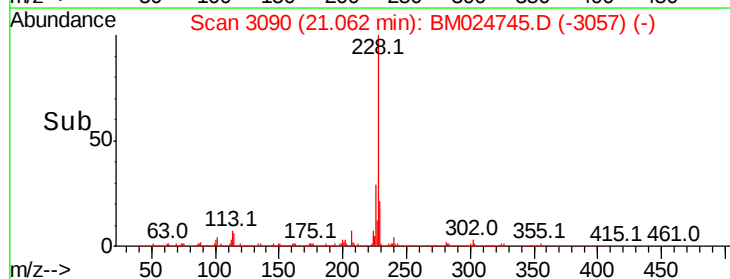
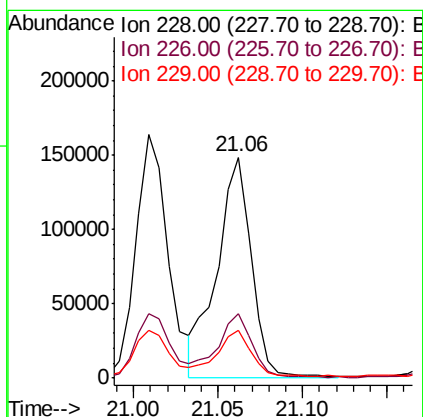
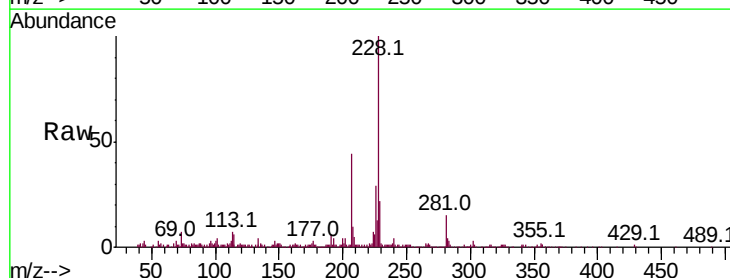
Instrument :
 BNA_M
 ClientSampleId :

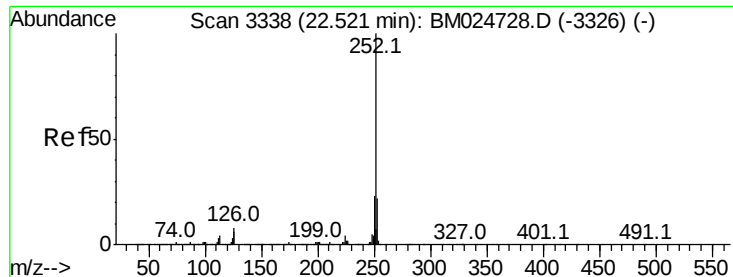
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.4	35.2
279	5.5	4.7	7.1



#85
 Chrysene
 Concen: 1.860 ng/ul
 RT: 21.06 min Scan# 3090
 Delta R.T. -0.01 min
 Lab File: BM024745.D
 Acq: 07 Feb 2020 01:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.0	34.4
229	21.8	15.8	23.8





#88

Benzo(b)fluoranthene

Concen: 2.595 ng/ul

RT: 22.51 min Scan# 3337

Delta R.T. -0.01 min

Lab File: BM024745.D

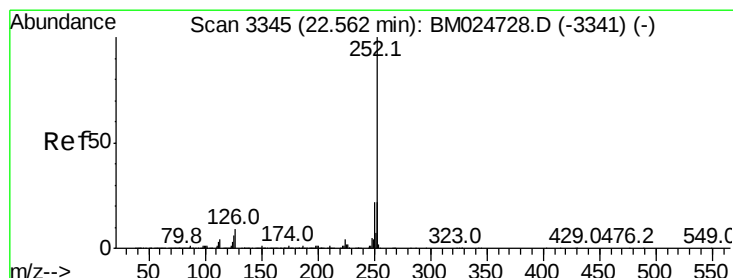
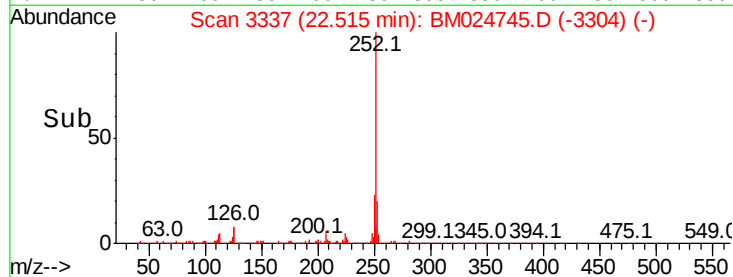
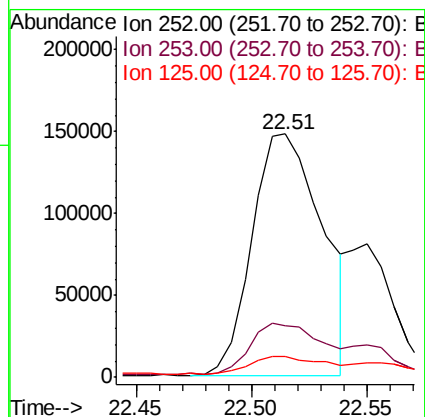
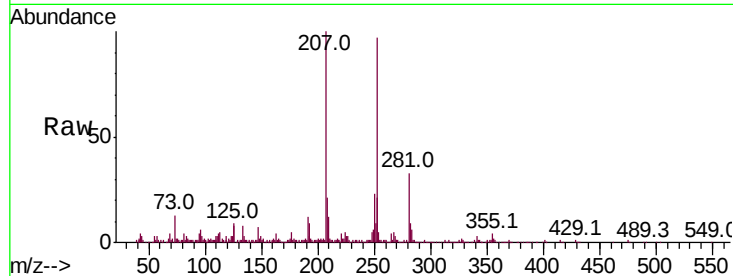
Acq: 07 Feb 2020 01:39

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	312456
Ion Ratio	Lower	Upper
252	100	
253	21.3	17.3 25.9
125	8.8	5.1 7.7#



#89

Benzo(k)fluoranthene

Concen: 2.696 ng/ul

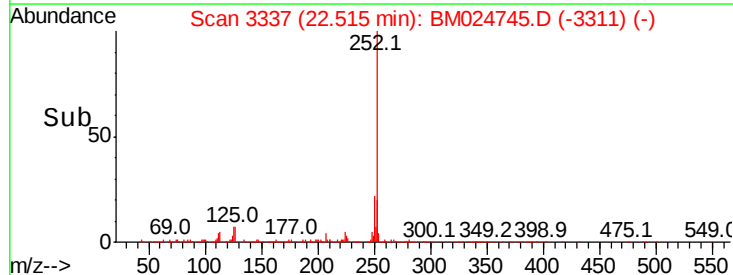
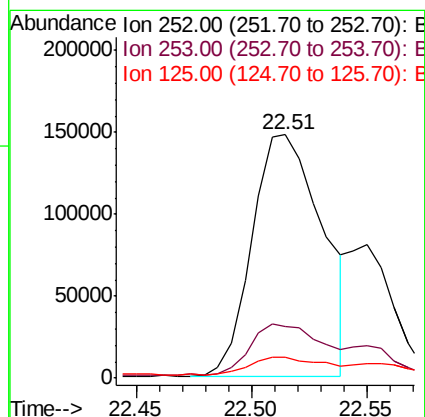
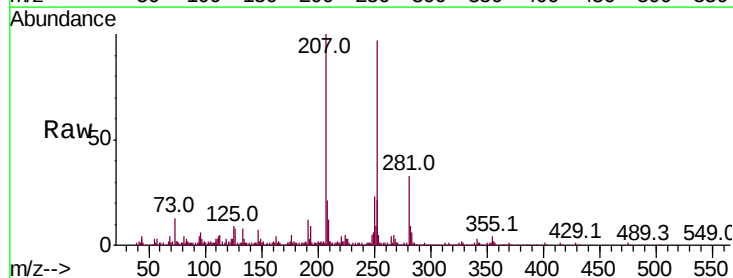
RT: 22.51 min Scan# 3337

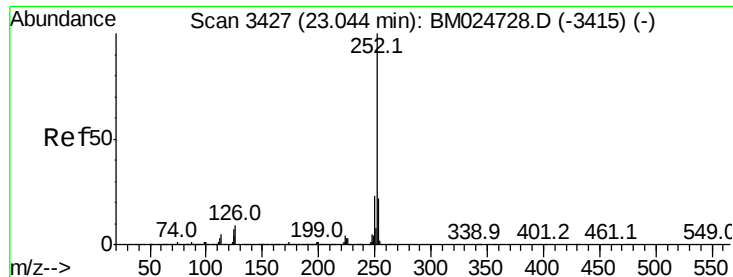
Delta R.T. -0.05 min

Lab File: BM024745.D

Acq: 07 Feb 2020 01:39

Tgt Ion:252	Resp:	312456
Ion Ratio	Lower	Upper
252	100	
253	21.3	17.4 26.0
125	8.8	5.1 7.7#





#91

Benzo(a)pyrene

Concen: 1.816 ng/ul

RT: 23.04 min Scan# 3426

Delta R.T. -0.01 min

Lab File: BM024745.D

Acq: 07 Feb 2020 01:39

Instrument :

BNA_M

ClientSampleId :

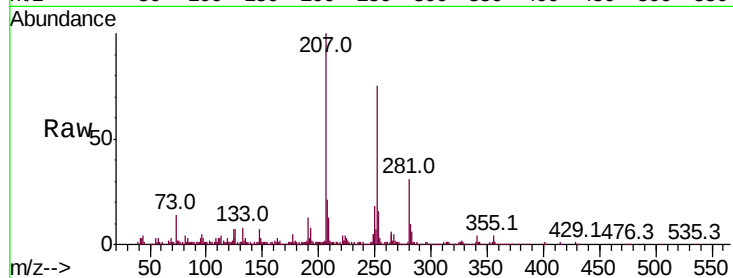
Tot Ion:252 Resp: 196081

Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

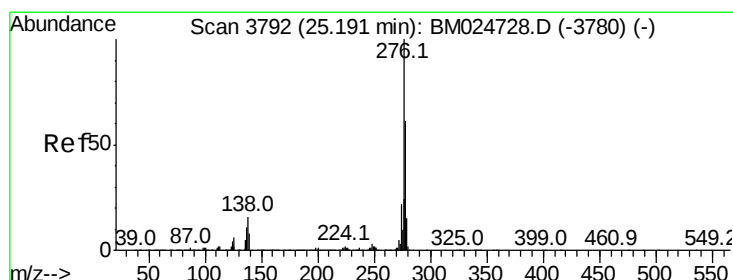
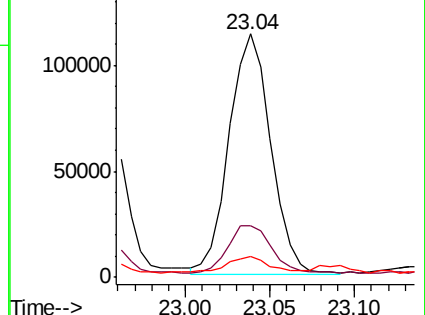
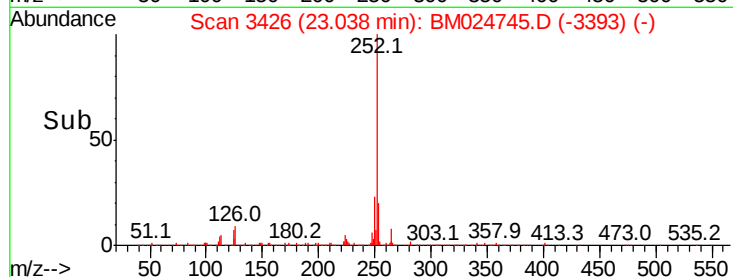
125 8.7 5.6 8.4#



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.143 ng/ul

RT: 25.18 min Scan# 3790

Delta R.T. -0.01 min

Lab File: BM024745.D

Acq: 07 Feb 2020 01:39

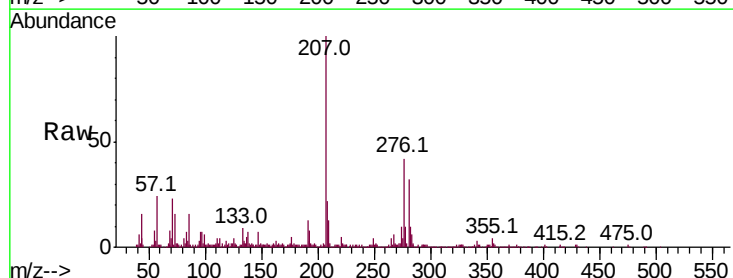
Tgt Ion:276 Resp: 153664

Ion Ratio Lower Upper

276 100

138 16.2 12.8 19.2

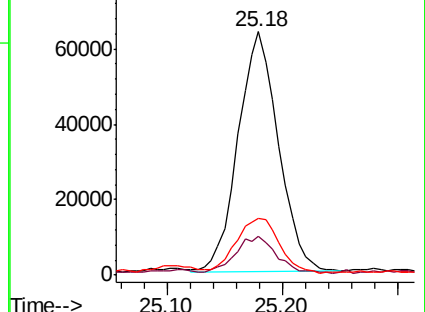
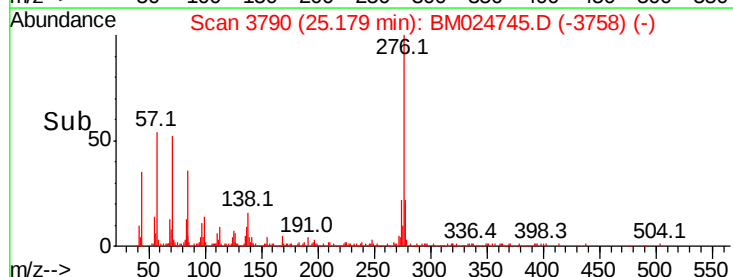
277 23.1 19.3 28.9

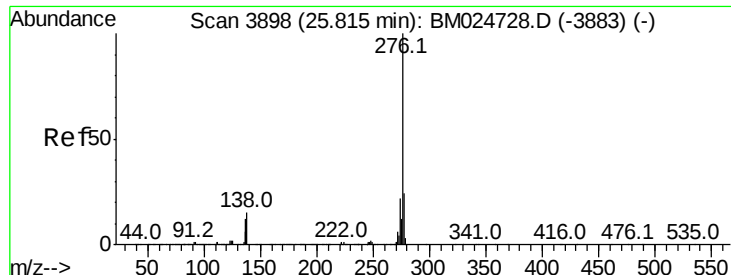


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,h,i)perylene

Concen: 1.258 ng/ul

RT: 25.80 min Scan# 3896

Delta R.T. -0.01 min

Lab File: BM024745.D

Acq: 07 Feb 2020 01:39

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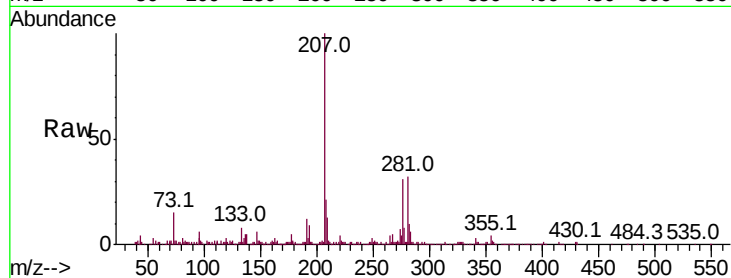
Tot Ion:276 Resp: 140644

Ion Ratio Lower Upper

276 100

138 15.7 11.8 17.6

277 25.8 19.0 28.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

