

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
 Data File : BM024936.D
 Acq On : 18 Feb 2020 18:35
 Operator : CG/JU
 Sample : L1486-11
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 19 03:43:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 19 03:36:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	347125	20.00	ng/ul	0.00
18) Naphthalene-d8	10.14	136	1274381	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	768316	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1607414	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	1631184	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1782978	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	45502	6.30	ng/uL	0.00
5) Phenol-d5	6.59	99	157852	6.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	476561	36.59	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	526100	25.46	ng/ul	-0.01
13) 4-Methylphenol-d8	8.10	113	293951	15.11	ng/ul	-0.01
19) Nitrobenzene-d5	8.53	128	316417	34.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	360176	33.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	586219	26.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	29734	1.45	ng/ul	0.01
44) Dimethylphthalate-d6	13.46	166	1905272	32.85	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	2314158	34.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	31506	3.34	ng/ul	0.00
58) Fluorene-d10	15.04	176	1676155	32.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	269021	25.68	ng/ul	0.00
71) Anthracene-d10	16.89	188	2519449	34.33	ng/ul	0.00
79) Pyrene-d10	19.20	212	2862899	35.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	3206928	35.81	ng/ul	0.00

Target Compounds

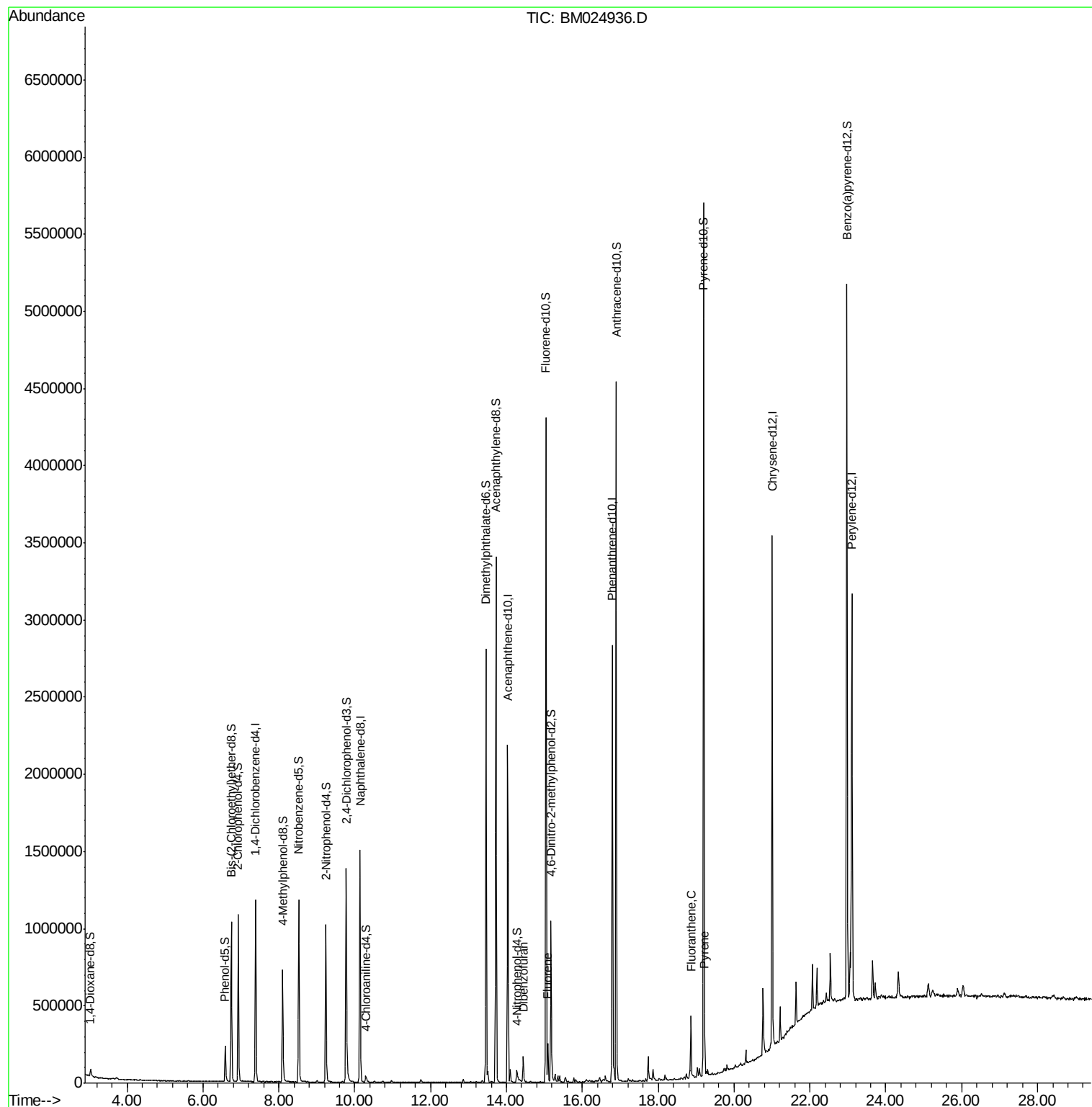
					Ovalue
54) Dibenzofuran	14.44	168	115603	1.637 ng/ul	99
59) Fluorene	15.09	166	93582	1.608 ng/ul	96
77) Fluoranthene	18.86	202	245048	2.278 ng/ul	97
80) Pyrene	19.23	202	138108	1.279 ng/ul#	96

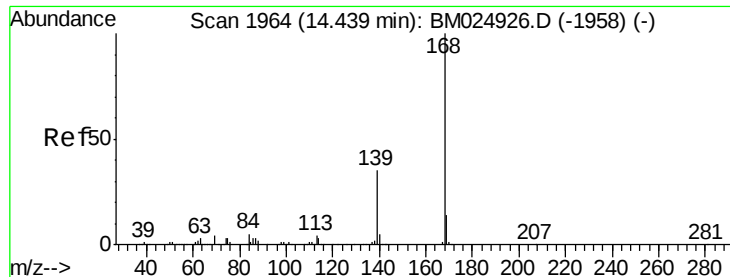
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#54

Dibenzofuran

Concen: 1.637 ng/ul

RT: 14.44 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BM024936.D

Acq: 18 Feb 2020 18:35

Instrument :

BNA_M

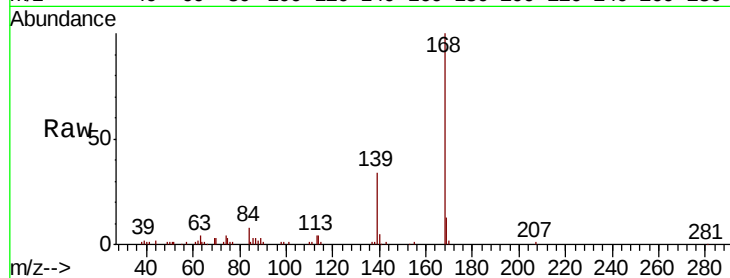
ClientSampleId :

Tot Ion:168 Resp: 115603

Ion Ratio Lower Upper

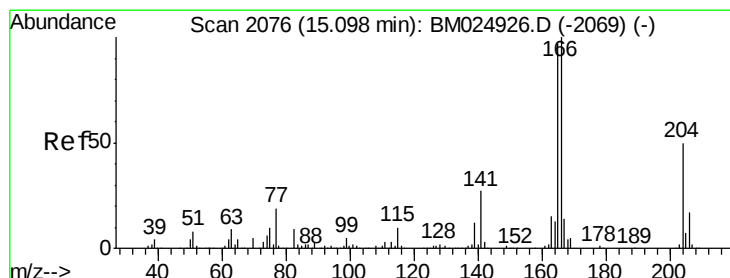
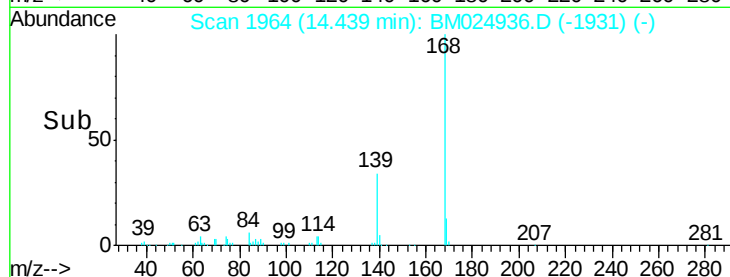
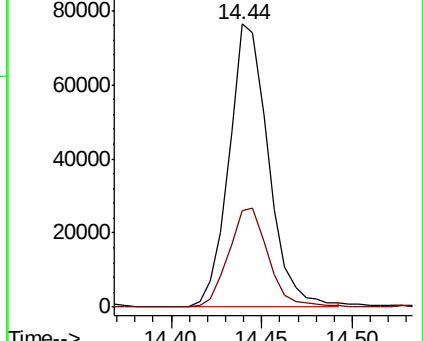
168 100

139 34.0 27.8 41.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 1.608 ng/ul

RT: 15.09 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BM024936.D

Acq: 18 Feb 2020 18:35

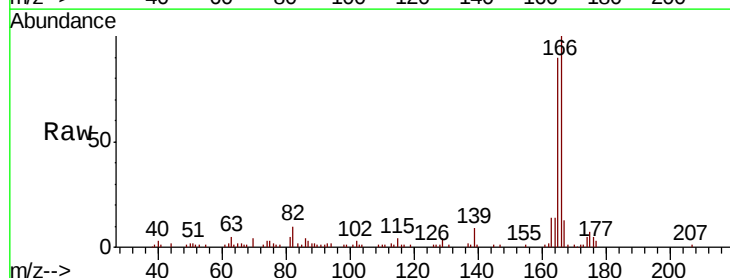
Tgt Ion:166 Resp: 93582

Ion Ratio Lower Upper

166 100

165 90.3 75.8 113.8

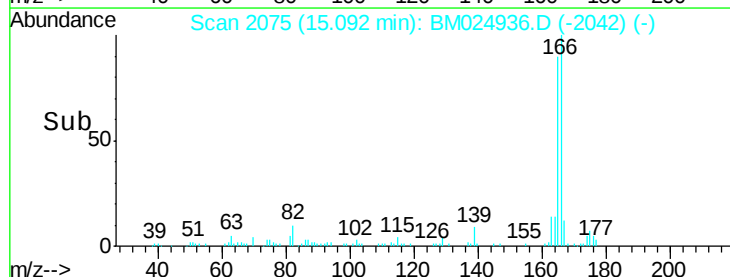
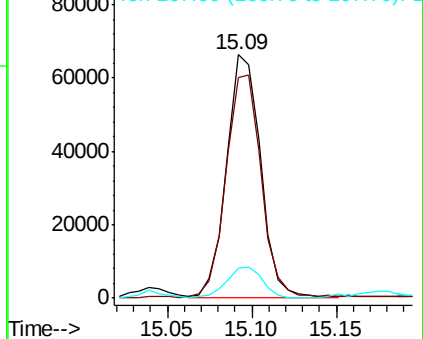
167 12.5 10.6 16.0

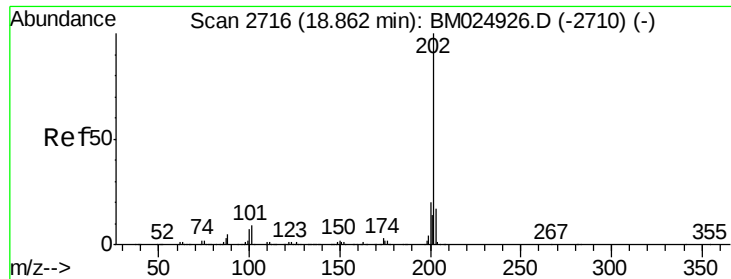


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

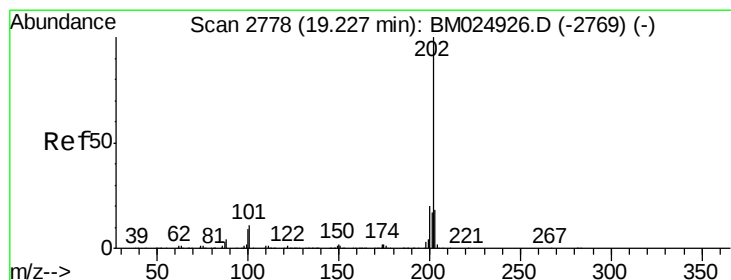
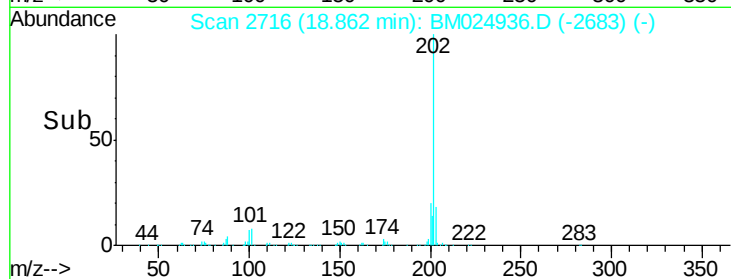
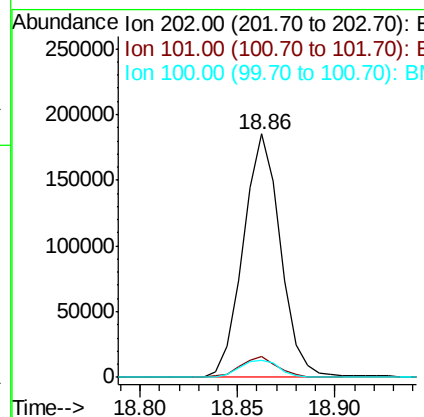
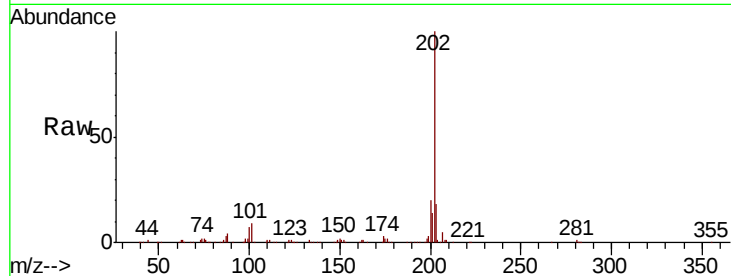




#77
Fluoranthene
 Concen: 2.278 ng/ul
 RT: 18.86 min Scan# 2716
 Delta R.T. -0.01 min
 Lab File: BM024936.D
 Acq: 18 Feb 2020 18:35

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.1	9.1
100	7.0	4.8	7.2



#80
Pyrene
 Concen: 1.279 ng/ul
 RT: 19.23 min Scan# 2778
 Delta R.T. -0.01 min
 Lab File: BM024936.D
 Acq: 18 Feb 2020 18:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.0	10.4
100	9.5	5.8	8.8#

