

Data File : BM024846.D
 Acq On : 11 Feb 2020 22:16
 Operator : CG/JU
 Sample : L1405-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6P8

Quant Time: Feb 12 04:43:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 12 04:40:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	323466	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1255050	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	804665	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.80	188	1679216	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1616559	20.00	ng/ul	0.00
86) Perylene-d12	23.12	264	1679611	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.01	96	23539	3.50	ng/uL	0.00
5) Phenol-d5	6.60	99	426044	19.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	255134	21.02	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	390072	20.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	354544	19.55	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	191805	21.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	224744	20.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	404277	18.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	500042	24.71	ng/ul	0.00
44) Dimethylphthalate-d6	13.47	166	1272752	20.95	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1503074	21.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	158429	16.05	ng/ul	0.00
58) Fluorene-d10	15.06	176	1090400	20.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	171214	15.64	ng/ul	0.00
71) Anthracene-d10	16.90	188	1582792	20.65	ng/ul	0.00
79) Pyrene-d10	19.21	212	1807543	22.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	1911836	22.66	ng/ul	0.00

Target Compounds

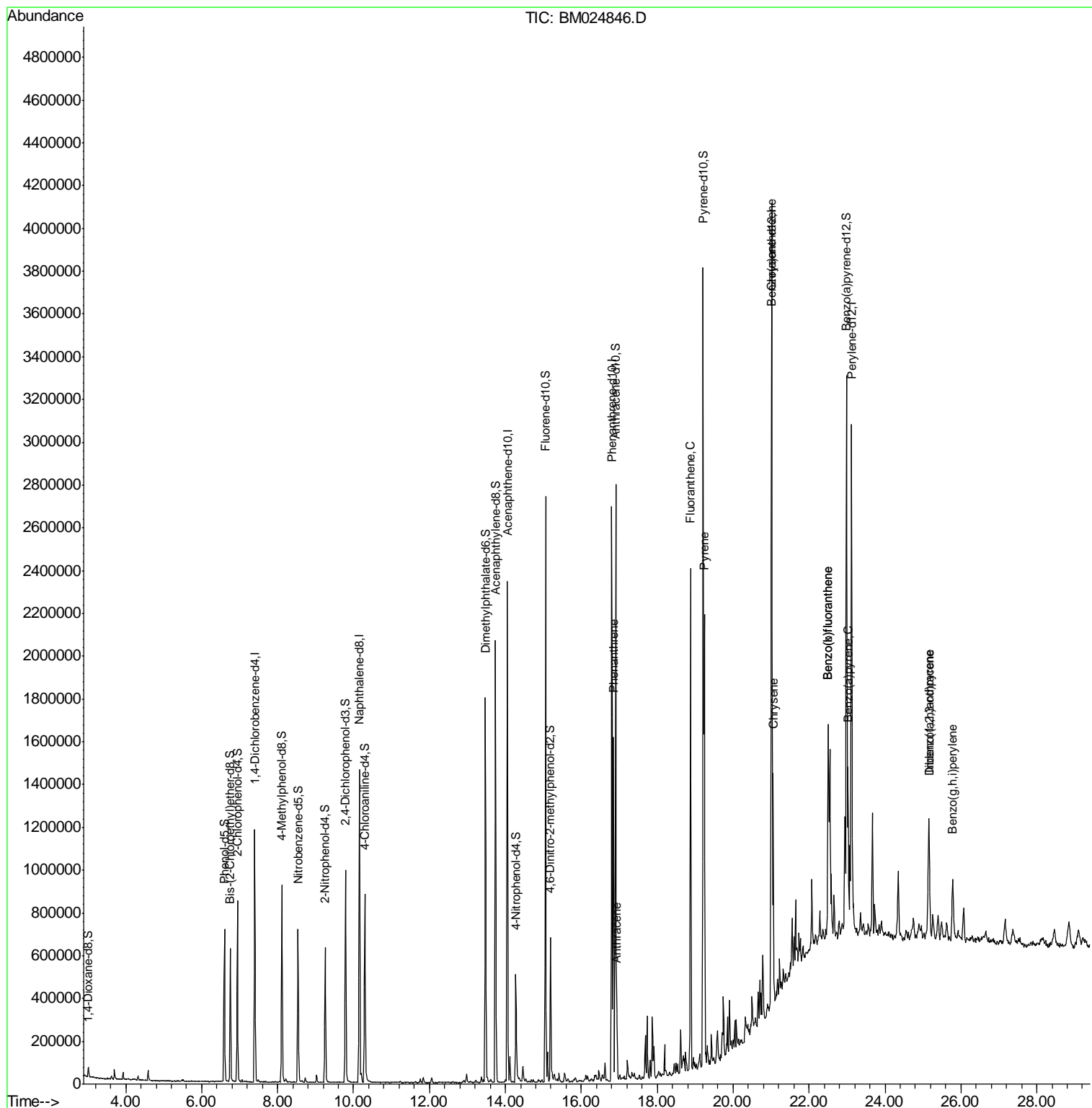
					Qvalue
70) Phenanthrene	16.85	178	976565	10.666	ng/ul 99
72) Anthracene	16.94	178	200116	2.155	ng/ul 99
77) Fluoranthene	18.87	202	1475955	13.132	ng/ul 97
80) Pyrene	19.24	202	1261796	11.792	ng/ul 97
83) Benzo(a)anthracene	21.00	228	692061	6.356	ng/ul 99
85) Chrysene	21.05	228	671132	6.260	ng/ul 99
88) Benzo(b)fluoranthene	22.50	252	901587	8.442	ng/ul# 97
89) Benzo(k)fluoranthene	22.50	252	901587	8.770	ng/ul# 98
91) Benzo(a)pyrene	23.03	252	543477	5.676	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	25.16	276	393221	3.299	ng/ul 98
93) Dibenzo(a,h)anthracene	25.17	278	112470	1.107	ng/ul# 85
94) Benzo(g,h,i)perylene	25.79	276	323704	3.265	ng/ul 98

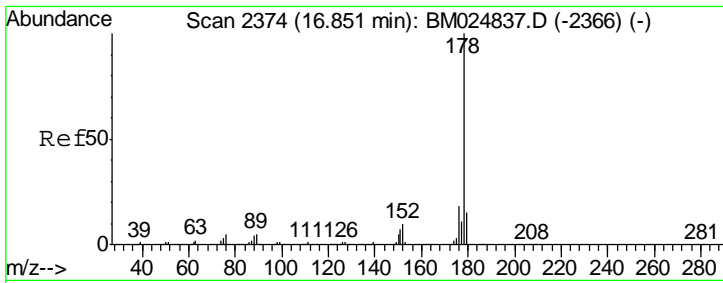
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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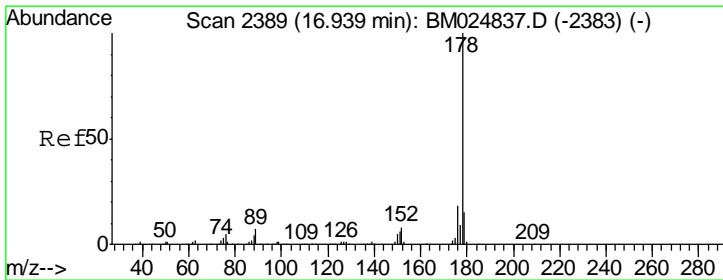
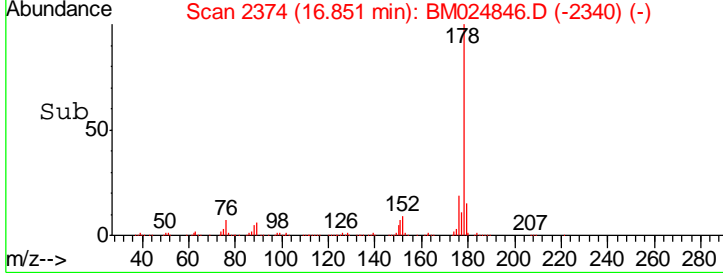
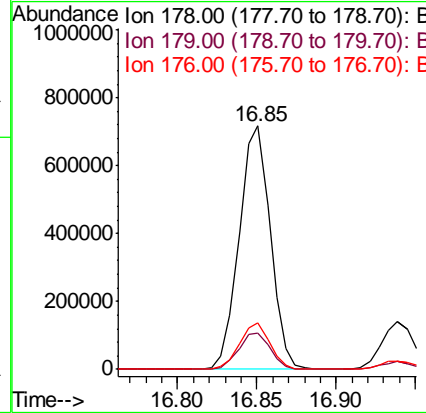
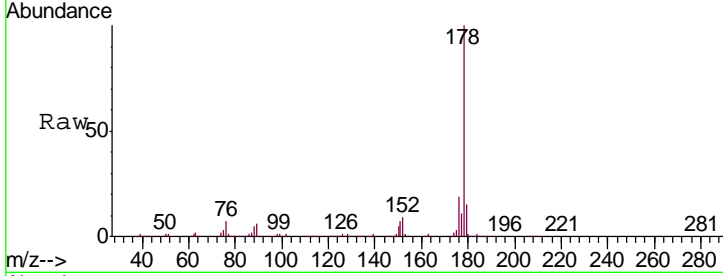




#70
 Phenanthrene
 Concen: 10.666 ng/ul
 RT: 16.85 min Scan# 2374
 Delta R.T. 0.00 min
 Lab File: BM024846.D
 Acq: 11 Feb 2020 22:16

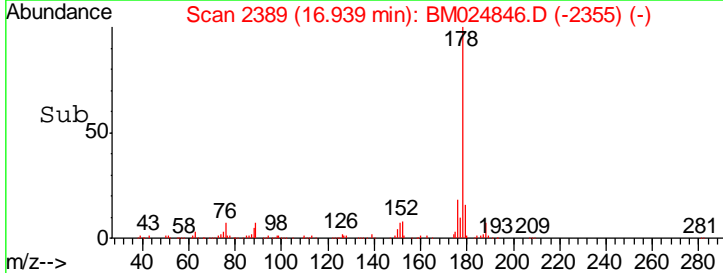
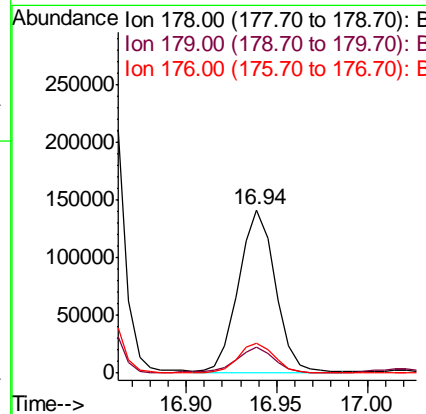
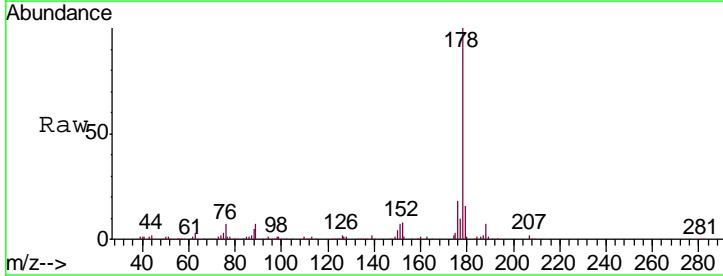
Instrument :
 BNA_M
 ClientSampleID :
 CB6P8

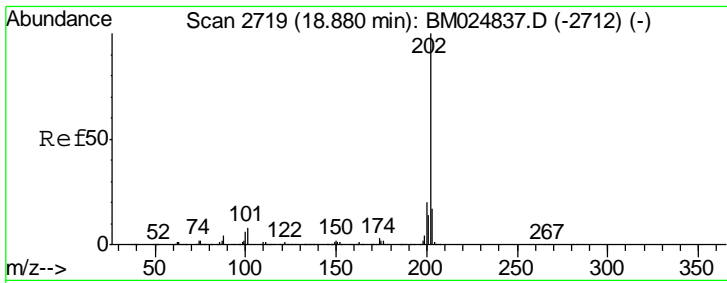
Tgt Ion	Resp	Lower	Upper
178	976565		
179	15.1	12.2	18.2
176	19.0	14.5	21.7



#72
 Anthracene
 Concen: 2.155 ng/ul
 RT: 16.94 min Scan# 2389
 Delta R.T. 0.00 min
 Lab File: BM024846.D
 Acq: 11 Feb 2020 22:16

Tgt Ion	Resp	Lower	Upper
178	200116		
179	16.2	12.3	18.5
176	17.9	14.1	21.1

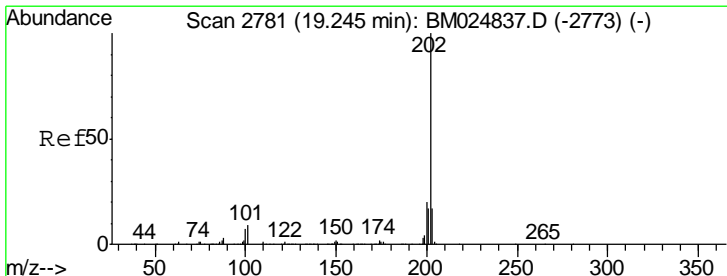
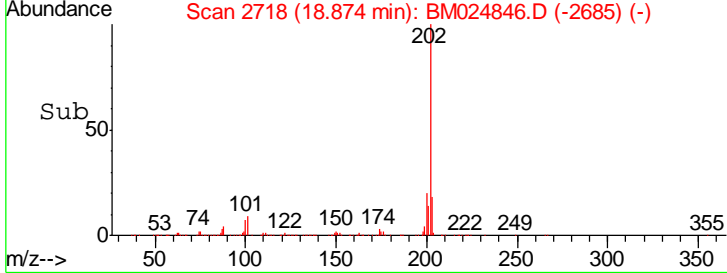
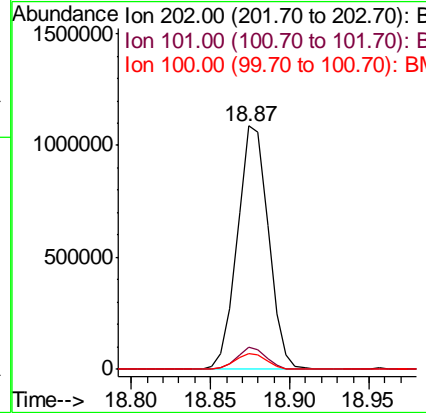
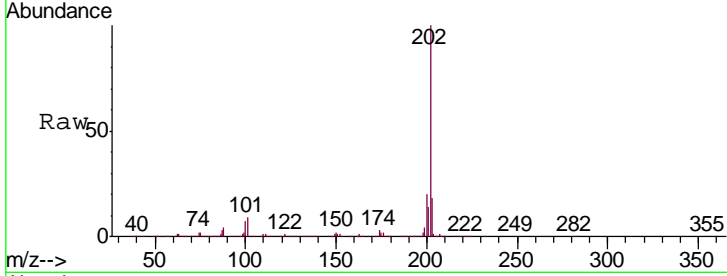




#77
 Fluoranthene
 Concen: 13.132 ng/ul
 RT: 18.87 min Scan# 2718
 Delta R.T. -0.01 min
 Lab File: BM024846.D
 Acq: 11 Feb 2020 22:16

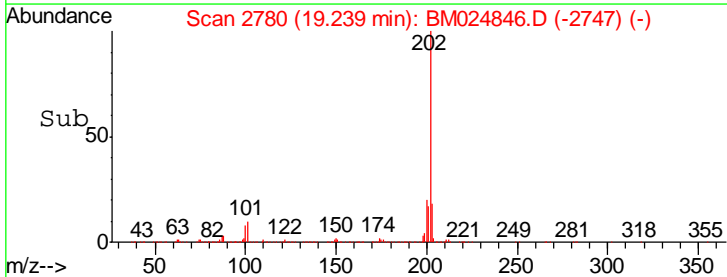
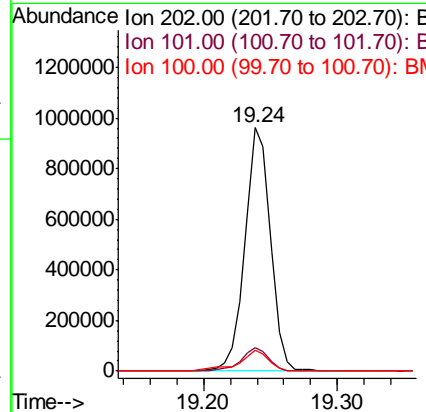
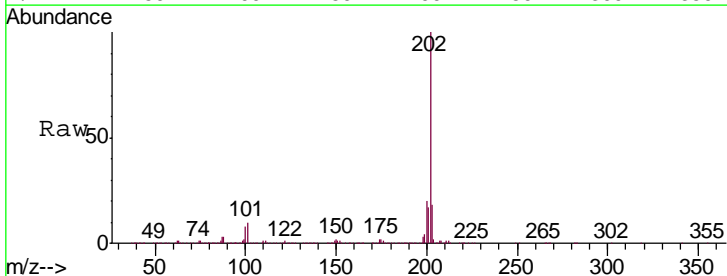
Instrument :
 BNA_M
 ClientSampled :
 CB6P8

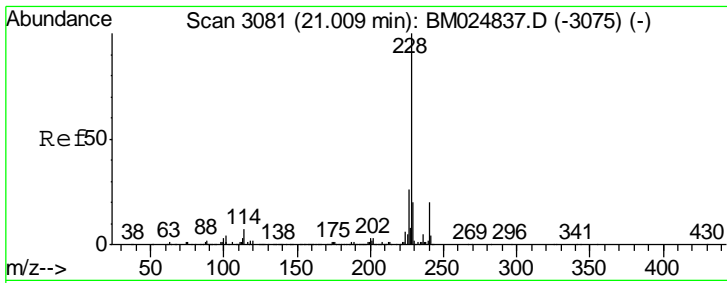
Tgt Ion	Resp	Lower	Upper
202	1475955		
101	8.9	6.1	9.1
100	6.6	4.8	7.2



#80
 Pyrene
 Concen: 11.792 ng/ul
 RT: 19.24 min Scan# 2780
 Delta R.T. -0.01 min
 Lab File: BM024846.D
 Acq: 11 Feb 2020 22:16

Tgt Ion	Resp	Lower	Upper
202	1261796		
101	9.6	7.0	10.4
100	8.3	5.8	8.8

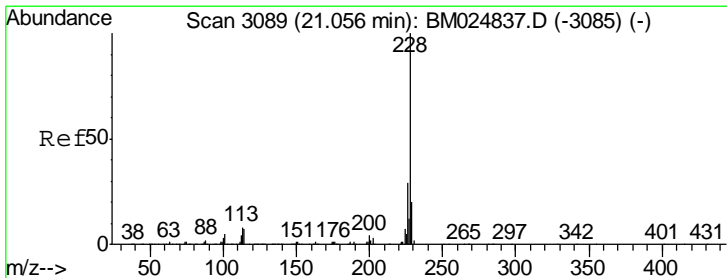
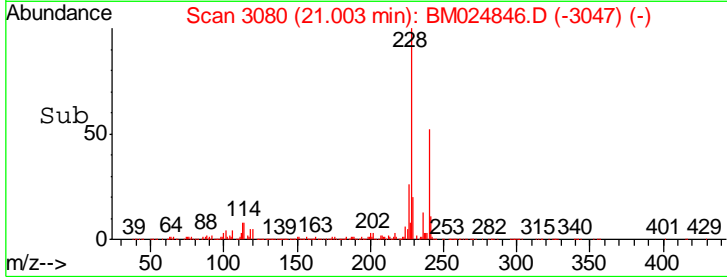
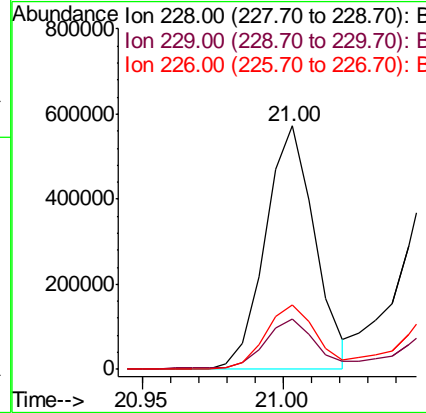
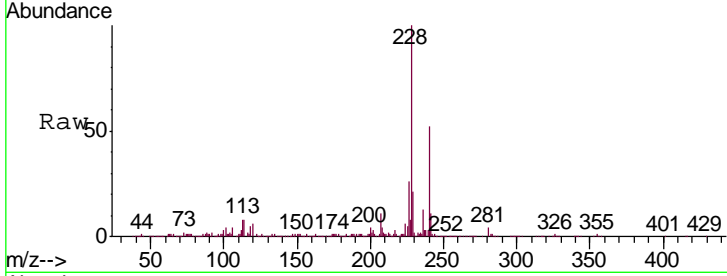




#83
 Benzo(a)anthracene
 Concen: 6.356 ng/ul
 RT: 21.00 min Scan# 3080
 Delta R.T. -0.01 min
 Lab File: BM024846.D
 Acq: 11 Feb 2020 22:16

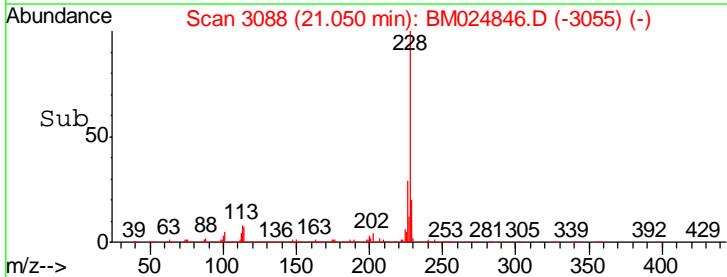
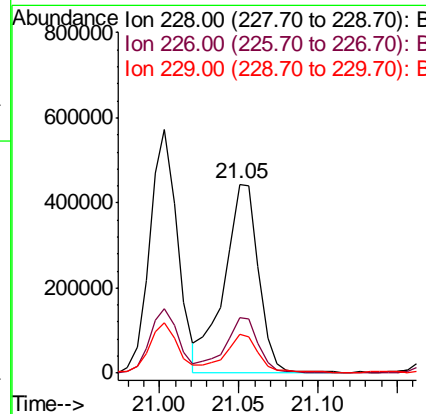
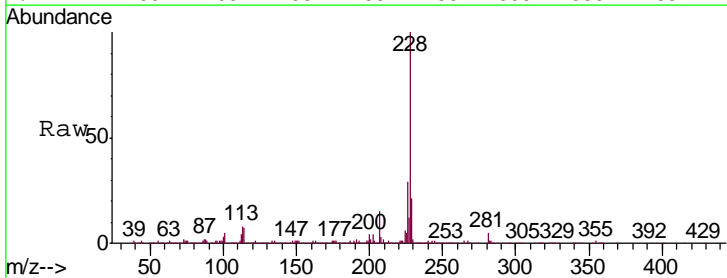
Instrument :
 BNA_M
 ClientSampled :
 CB6P8

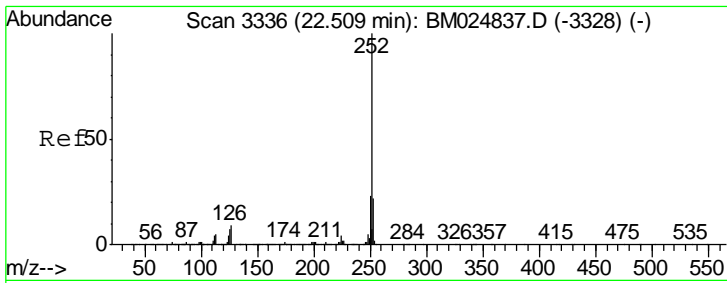
Tgt Ion	Resp	Lower	Upper
228	100		
229	20.5	15.9	23.9
226	26.4	20.8	31.2



#85
 Chrysene
 Concen: 6.260 ng/ul
 RT: 21.05 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BM024846.D
 Acq: 11 Feb 2020 22:16

Tgt Ion	Resp	Lower	Upper
228	100		
226	29.1	23.0	34.4
229	20.6	15.8	23.8

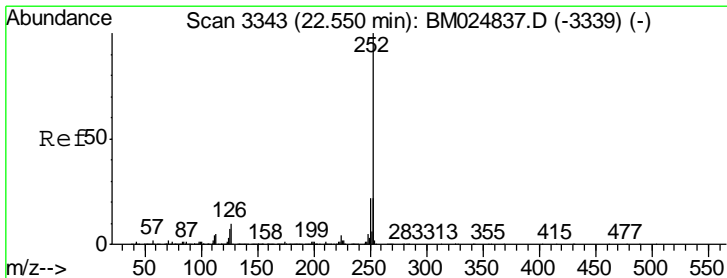
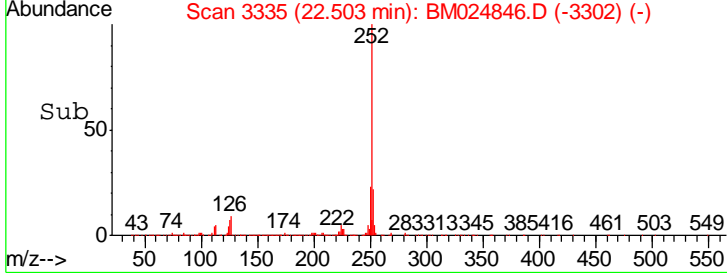
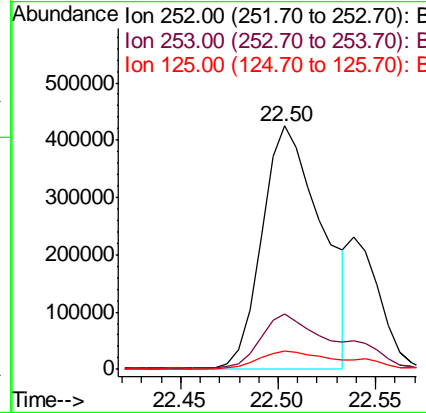
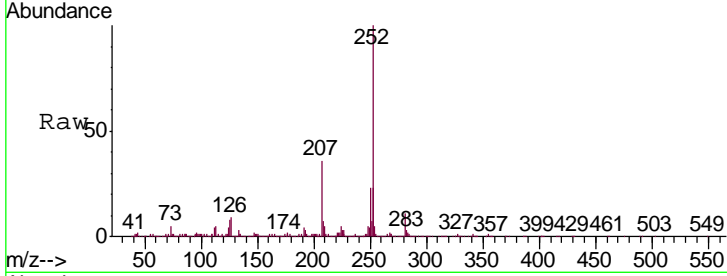




#88
 Benzo(b)fluoranthene
 Concen: 8.442 ng/ul
 RT: 22.50 min Scan# 3335
 Delta R.T. -0.01 min
 Lab File: BM024846.D
 Acq: 11 Feb 2020 22:16

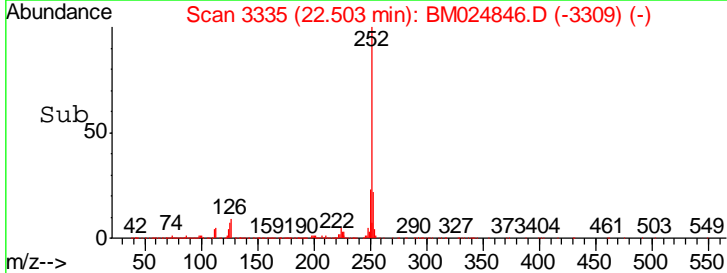
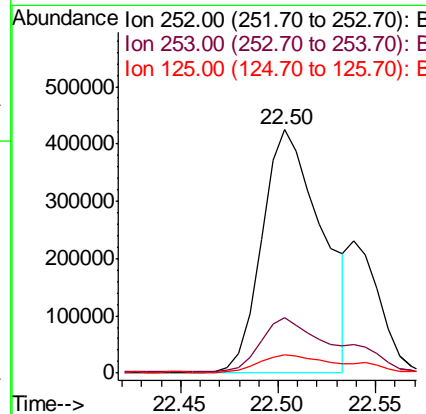
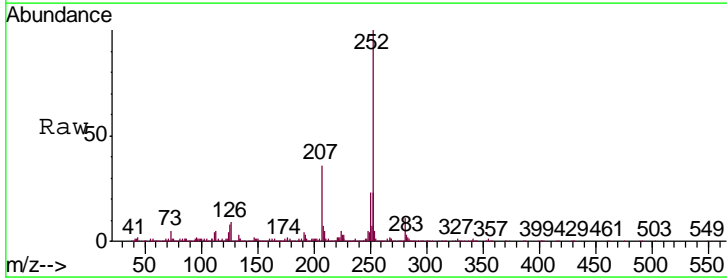
Instrument :
 BNA_M
 ClientSampled :
 CB6P8

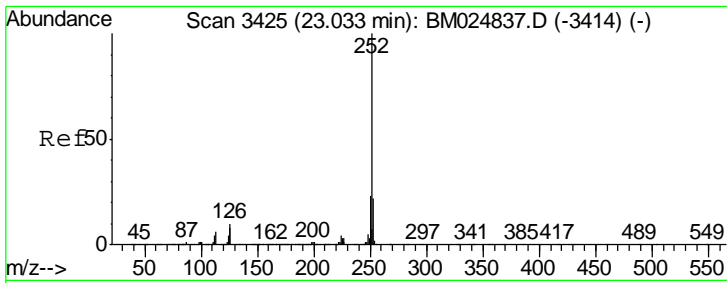
Tgt Ion	Resp	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	7.7	5.1	7.7#



#89
 Benzo(k)fluoranthene
 Concen: 8.770 ng/ul
 RT: 22.50 min Scan# 3335
 Delta R.T. -0.05 min
 Lab File: BM024846.D
 Acq: 11 Feb 2020 22:16

Tgt Ion	Resp	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	7.7	5.1	7.7#

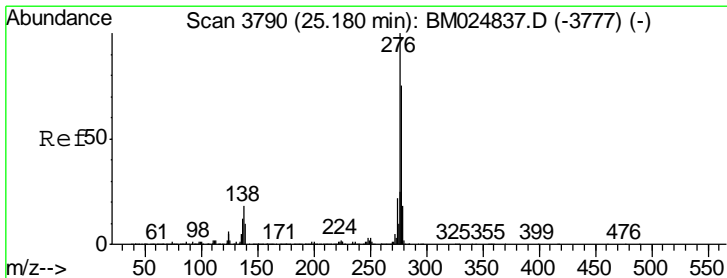
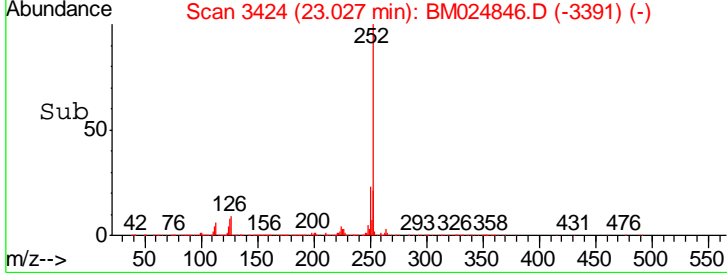
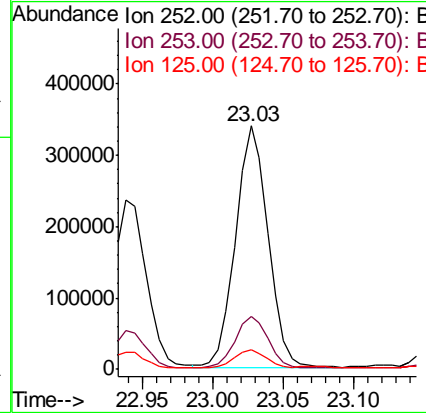
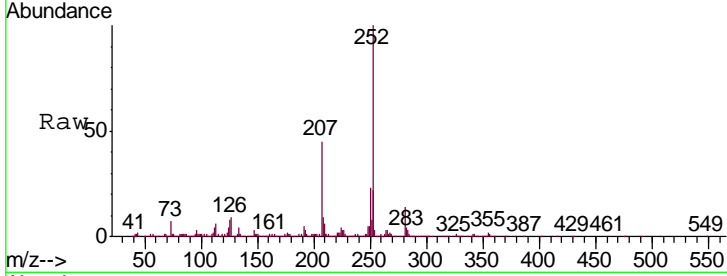




#91
 Benzo(a)pyrene
 Concen: 5.676 ng/ul
 RT: 23.03 min Scan# 3424
 Delta R.T. -0.01 min
 Lab File: BM024846.D
 Acq: 11 Feb 2020 22:16

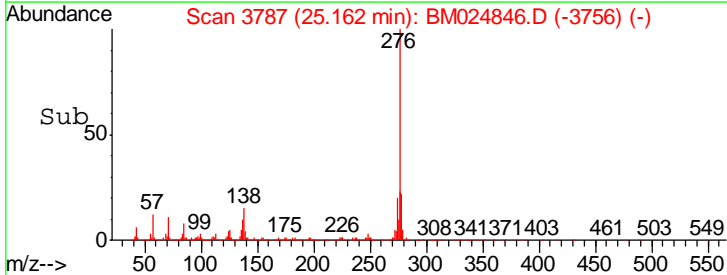
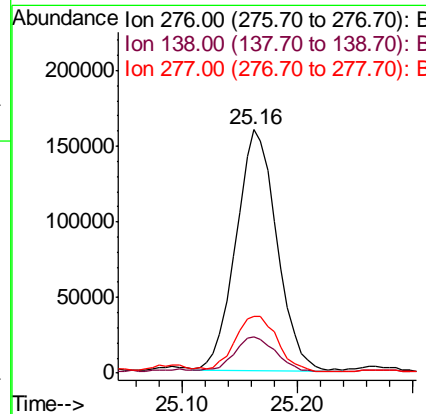
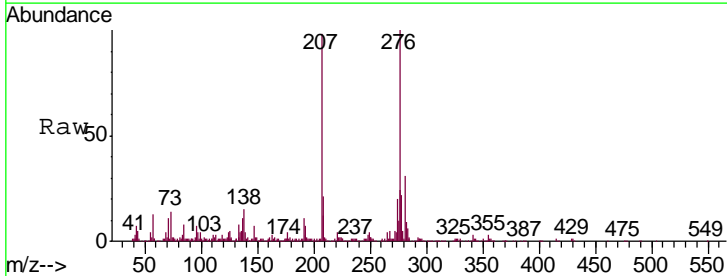
Instrument :
 BNA_M
 ClientSampled :
 CB6P8

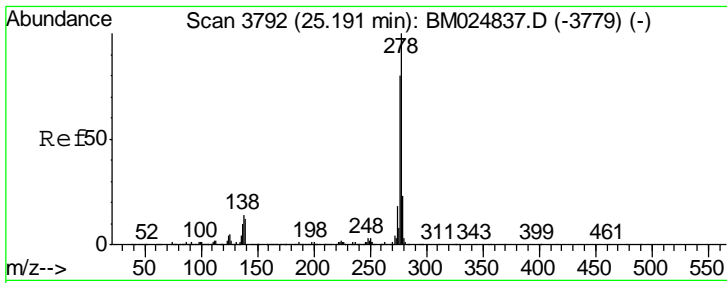
Tgt Ion	Resp	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	8.1	5.6	8.4



#92
 Indeno(1,2,3-cd)pyrene
 Concen: 3.299 ng/ul
 RT: 25.16 min Scan# 3787
 Delta R.T. -0.02 min
 Lab File: BM024846.D
 Acq: 11 Feb 2020 22:16

Tgt Ion	Resp	Lower	Upper
276	100		
138	14.9	12.8	19.2
277	23.5	19.3	28.9

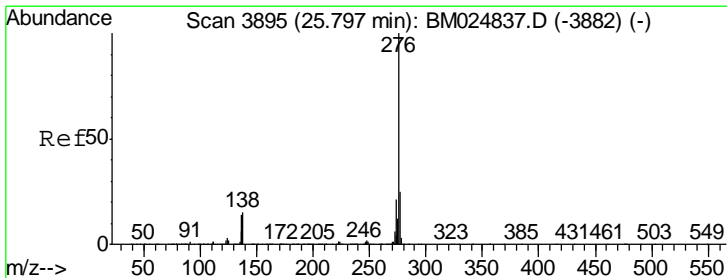
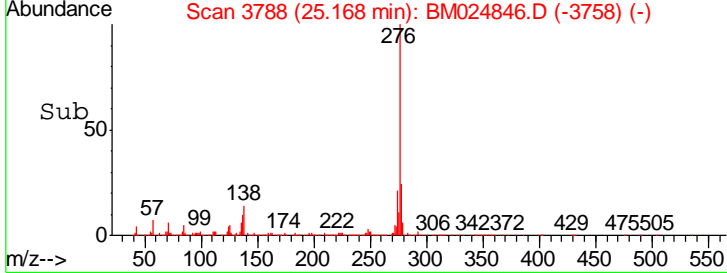
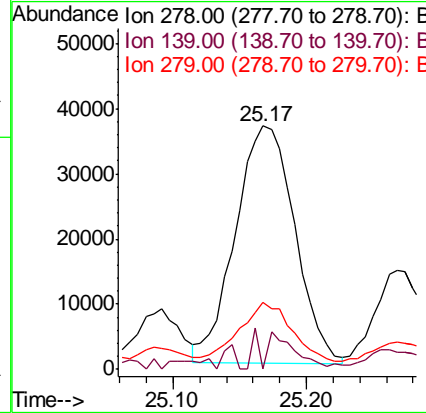
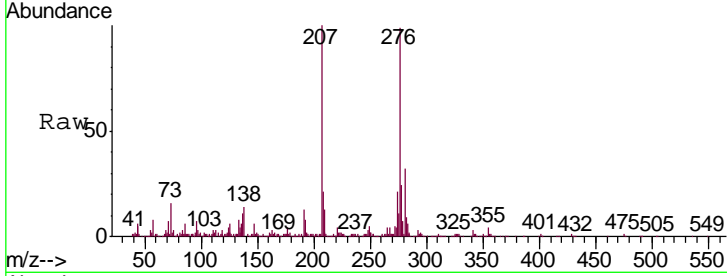




#93
 Dibenzo(a,h)anthracene
 Concen: 1.107 ng/ul
 RT: 25.17 min Scan# 3788
 Delta R.T. -0.02 min
 Lab File: BM024846.D
 Acq: 11 Feb 2020 22:16

Instrument :
 BNA_M
 ClientSampled :
 CB6P8

Tgt Ion	Resp	Lower	Upper
278	112470		
139	0.0	8.4	12.6#
279	27.3	18.5	27.7



#94
 Benzo(g,h,i)perylene
 Concen: 3.265 ng/ul
 RT: 25.79 min Scan# 3893
 Delta R.T. -0.01 min
 Lab File: BM024846.D
 Acq: 11 Feb 2020 22:16

Tgt Ion	Resp	Lower	Upper
276	323704		
138	16.1	11.8	17.6
277	22.8	19.0	28.6

