

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\  
 Data File : BM021196.D  
 Acq On : 26 Jun 2019 17:41  
 Operator : HP/JU  
 Sample : K3501-15  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C7AC6

Quant Time: Jun 26 18:29:10 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jun 26 01:32:57 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	234805	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1062889	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	675506	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1402035	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	959653	20.00	ng/ul	0.00
85) Perylene-d12	23.63	264	1104025	20.00	ng/ul	0.01

## System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	19474	3.94	ng/uL	0.00
5) Phenol-d5	6.93	99	468161	22.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	287411	23.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	394262	23.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	333076	19.52	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	214313	24.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	252379	26.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	486868	24.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	423356	20.84	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1618891	26.52	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1882515	25.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	159773	16.09	ng/ul	0.00
57) Fluorene-d10	15.40	176	1355269	25.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	166958	19.37	ng/ul	0.00
70) Anthracene-d10	17.26	188	1899798	26.07	ng/ul	0.00
78) Pyrene-d10	19.55	212	1725032	29.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	1694794	26.02	ng/ul	0.01

## Target Compounds

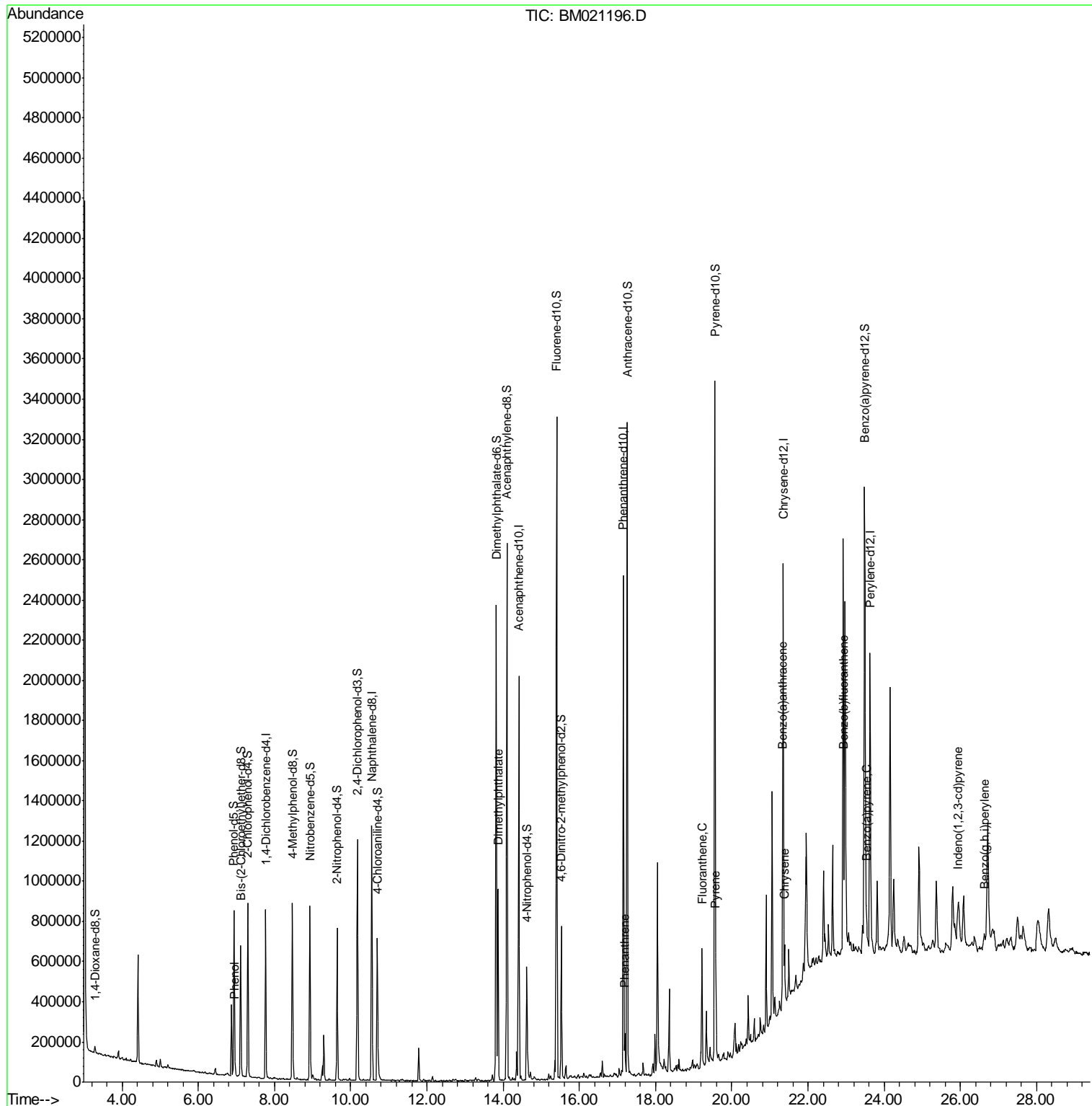
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	6.96	94	35608	1.842	ng/ul	99
44) Dimethylphthalate	13.87	163	652372	11.741	ng/ul	99
69) Phenanthrene	17.20	178	117606	1.517	ng/ul	99
76) Fluoranthene	19.22	202	330436	3.944	ng/ul	100
79) Pyrene	19.58	202	282095	4.158	ng/ul	99
82) Benzo(a)anthracene	21.33	228	133351	2.038	ng/ul	97
84) Chrysene	21.39	228	159695	2.606	ng/ul	97
87) Benzo(b)fluoranthene	22.94	252	246105	3.519	ng/ul#	94
90) Benzo(a)pyrene	23.53	252	148351	2.254	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.92	276	118069	1.523	ng/ul#	94
93) Benzo(g,h,i)perylene	26.63	276	102581	1.607	ng/ul	99

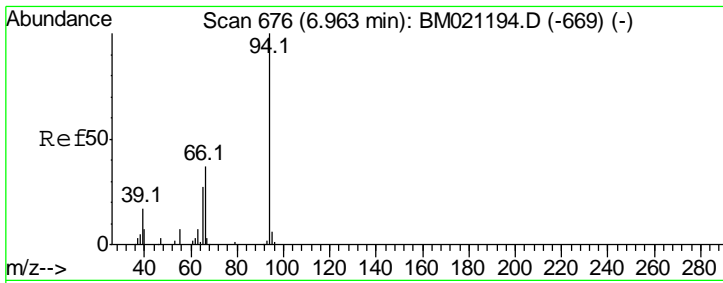
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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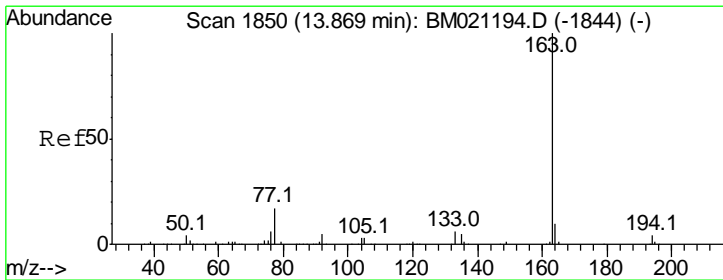
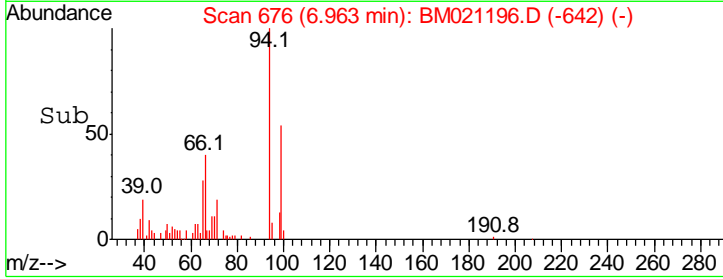
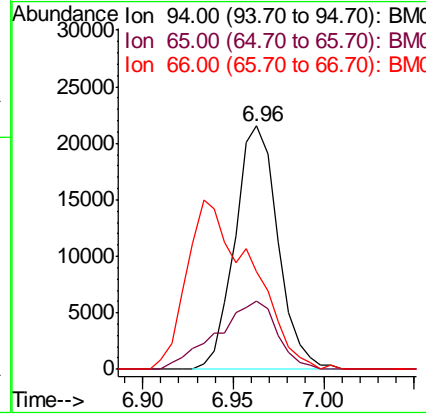
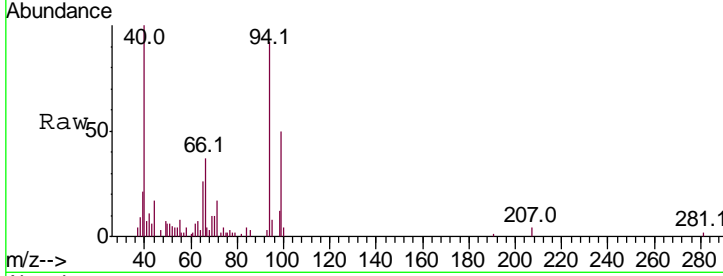




#6  
 Phenol  
 Concen: 1.842 ng/ul  
 RT: 6.96 min Scan# 676  
 Delta R.T. -0.00 min  
 Lab File: BM021196.D  
 Acq: 26 Jun 2019 17:41

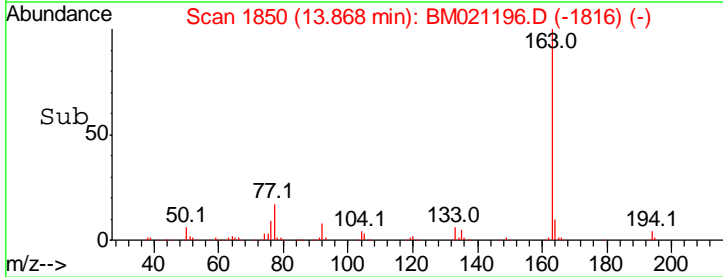
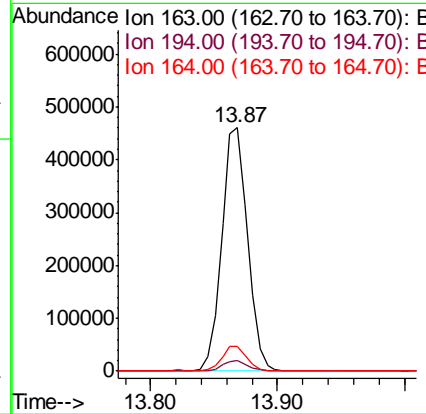
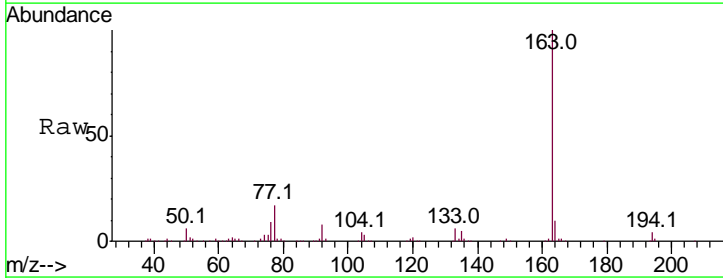
Instrument :  
 BNA\_M  
 ClientSampled :  
 C7AC6

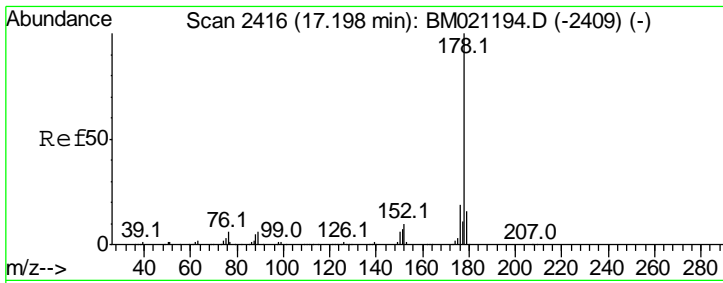
Tgt Ion	Resp	Lower	Upper
94	100		
65	28.0	22.6	34.0
66	39.9	31.2	46.8



#44  
 Dimethylphthalate  
 Concen: 11.741 ng/ul  
 RT: 13.87 min Scan# 1850  
 Delta R.T. -0.00 min  
 Lab File: BM021196.D  
 Acq: 26 Jun 2019 17:41

Tgt Ion	Resp	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.0	7.7	11.5

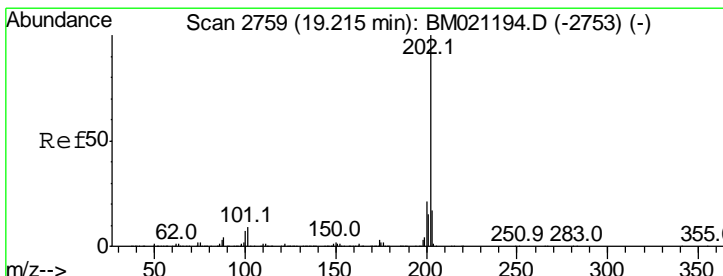
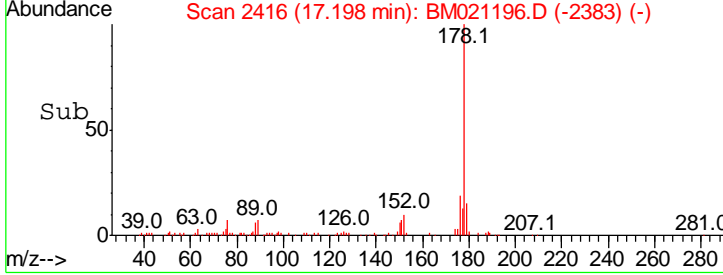
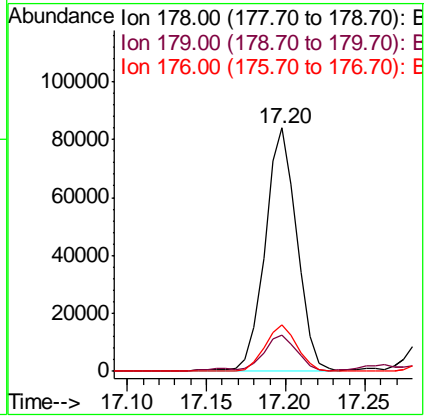
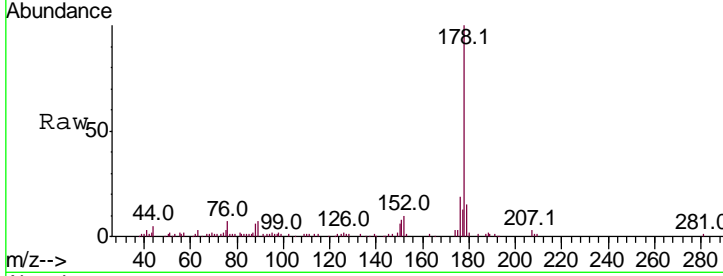




#69  
 Phenanthrene  
 Concen: 1.517 ng/ul  
 RT: 17.20 min Scan# 2416  
 Delta R.T. -0.01 min  
 Lab File: BM021196.D  
 Acq: 26 Jun 2019 17:41

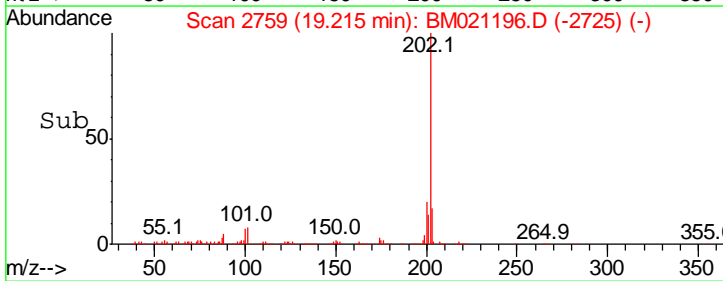
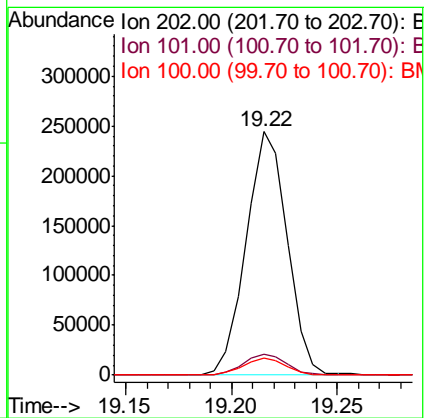
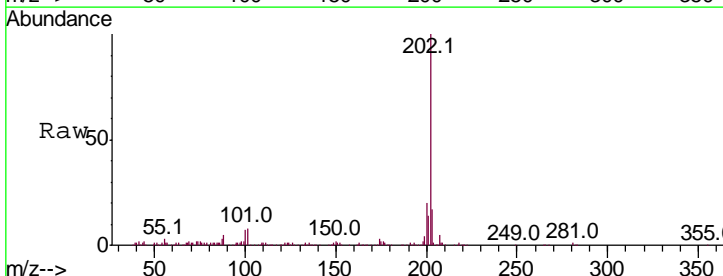
Instrument :  
 BNA\_M  
 ClientSampled :  
 C7AC6

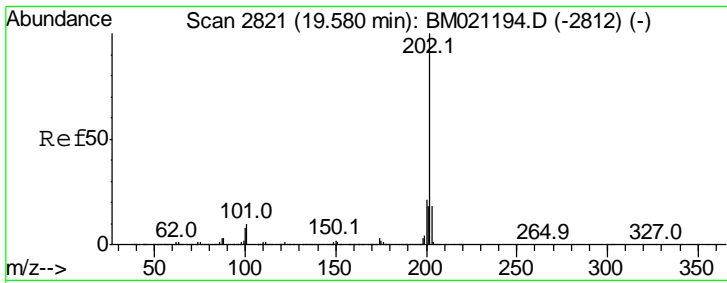
Tgt Ion	Resp	Lower	Upper
178	117606		
179	14.6	11.8	17.8
176	19.2	15.0	22.6



#76  
 Fluoranthene  
 Concen: 3.944 ng/ul  
 RT: 19.22 min Scan# 2759  
 Delta R.T. -0.00 min  
 Lab File: BM021196.D  
 Acq: 26 Jun 2019 17:41

Tgt Ion	Resp	Lower	Upper
202	330436		
101	8.5	6.7	10.1
100	7.1	5.5	8.3

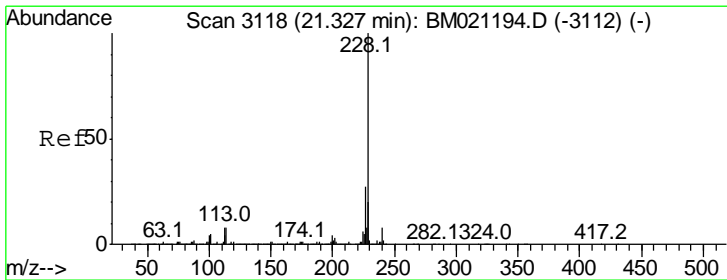
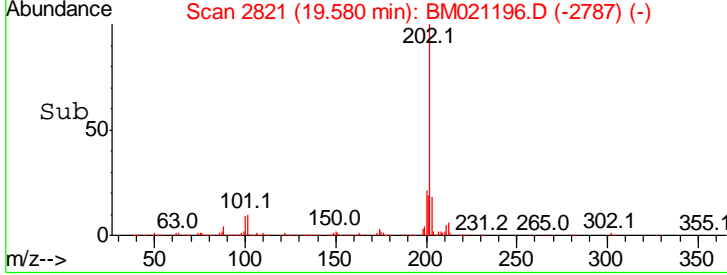
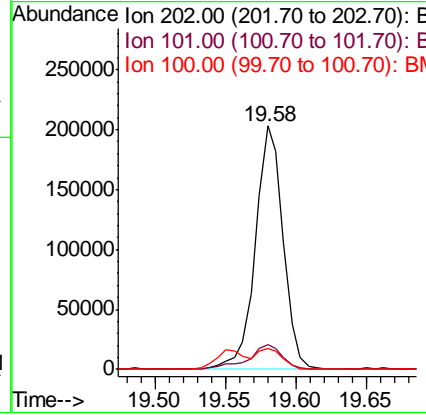
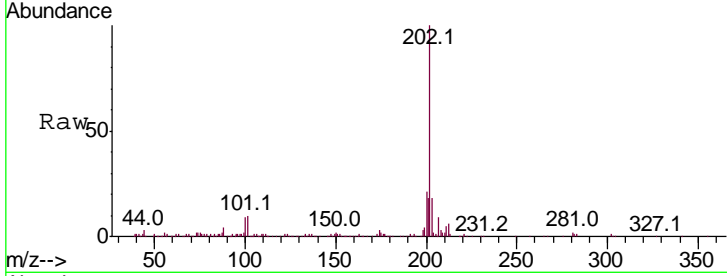




#79  
 Pyrene  
 Concen: 4.158 ng/ul  
 RT: 19.58 min Scan# 2821  
 Delta R.T. -0.00 min  
 Lab File: BM021196.D  
 Acq: 26 Jun 2019 17:41

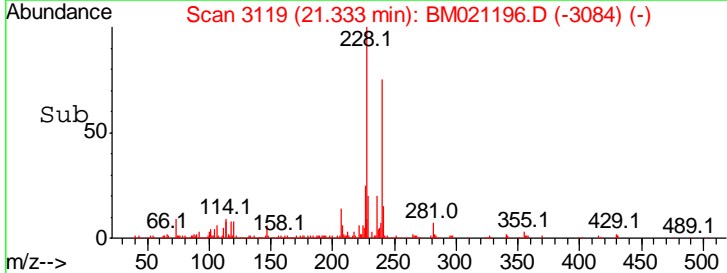
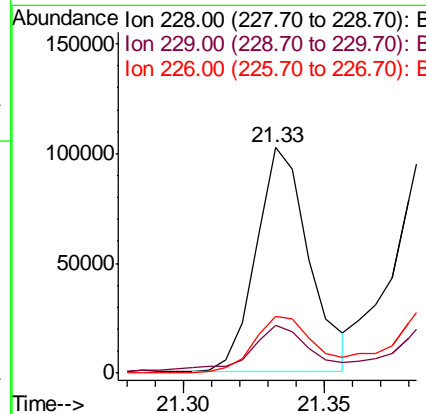
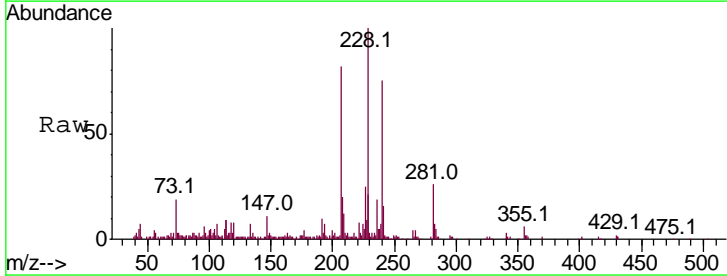
Instrument :  
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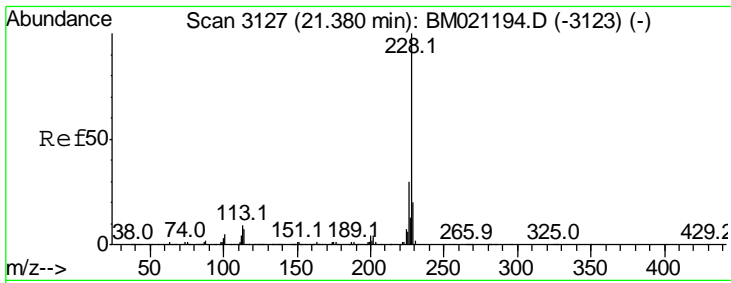
Tgt Ion	Resp	Lower	Upper
202	100		
101	10.2	8.1	12.1
100	8.6	6.6	10.0



#82  
 Benzo(a)anthracene  
 Concen: 2.038 ng/ul  
 RT: 21.33 min Scan# 3119  
 Delta R.T. 0.01 min  
 Lab File: BM021196.D  
 Acq: 26 Jun 2019 17:41

Tgt Ion	Resp	Lower	Upper
228	100		
229	21.0	15.8	23.8
226	25.4	21.4	32.2

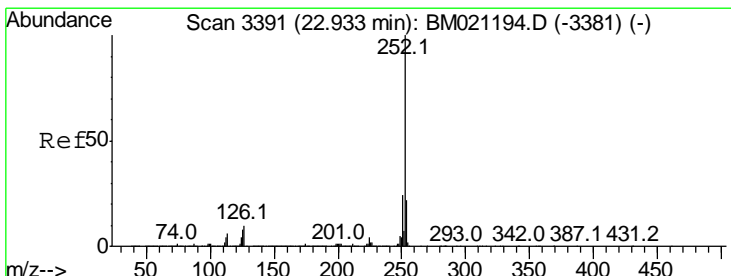
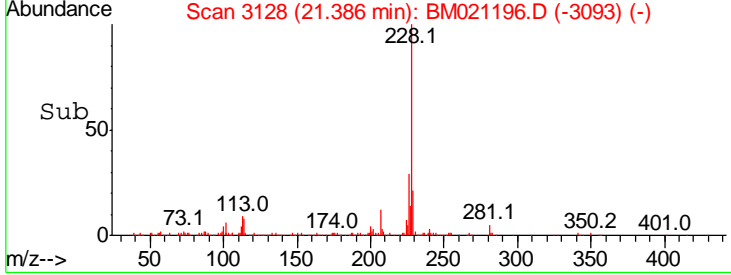
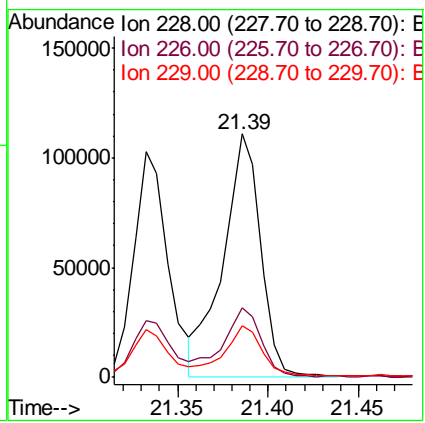
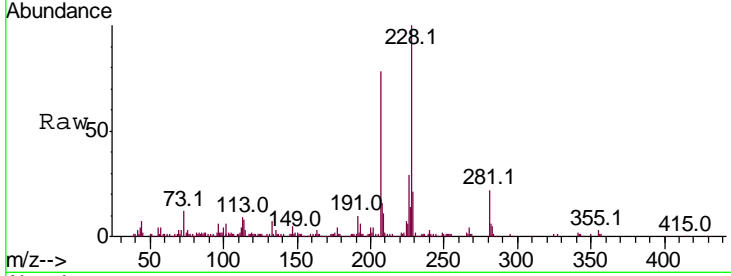




#84  
 Chrysene  
 Concen: 2.606 ng/ul  
 RT: 21.39 min Scan# 3128  
 Delta R.T. 0.01 min  
 Lab File: BM021196.D  
 Acq: 26 Jun 2019 17:41

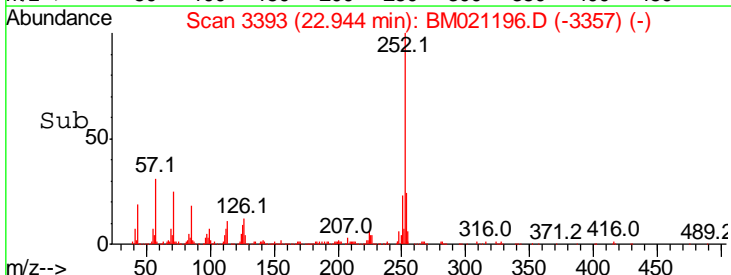
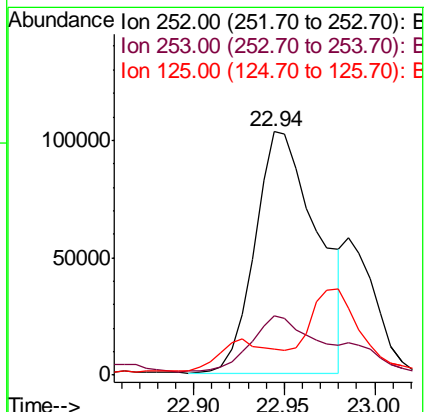
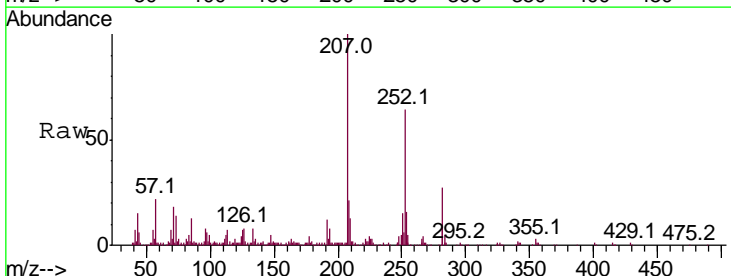
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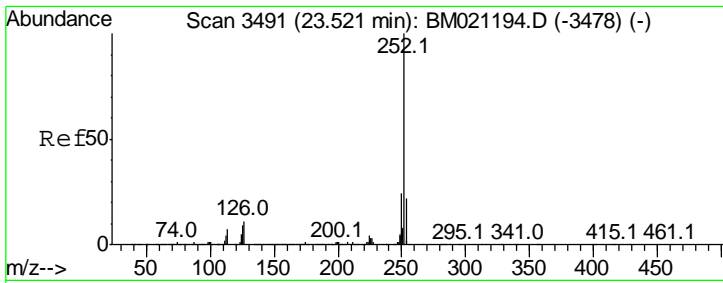
Tgt Ion	Resp	Lower	Upper
228	100		
226	28.8	23.9	35.9
229	21.1	15.4	23.2



#87  
 Benzo(b)fluoranthene  
 Concen: 3.519 ng/ul  
 RT: 22.94 min Scan# 3393  
 Delta R.T. 0.01 min  
 Lab File: BM021196.D  
 Acq: 26 Jun 2019 17:41

Tgt Ion	Resp	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	10.6	6.3	9.5#

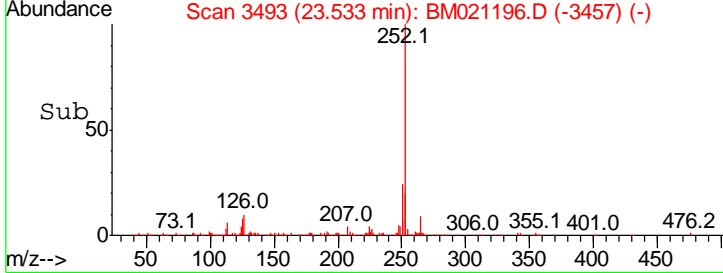
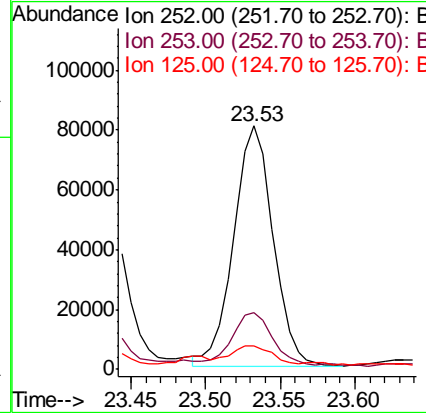
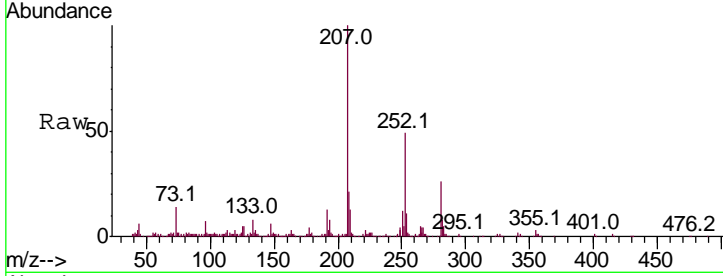




#90  
 Benzo(a)pyrene  
 Concen: 2.254 ng/ul  
 RT: 23.53 min Scan# 3493  
 Delta R.T. 0.01 min  
 Lab File: BM021196.D  
 Acq: 26 Jun 2019 17:41

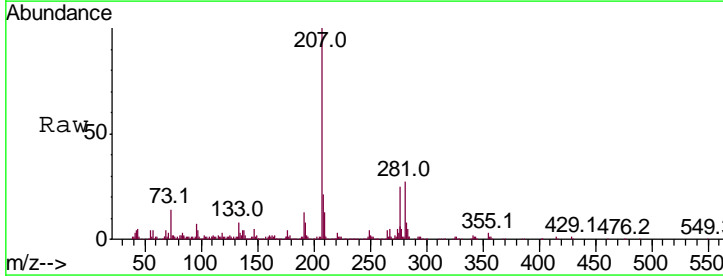
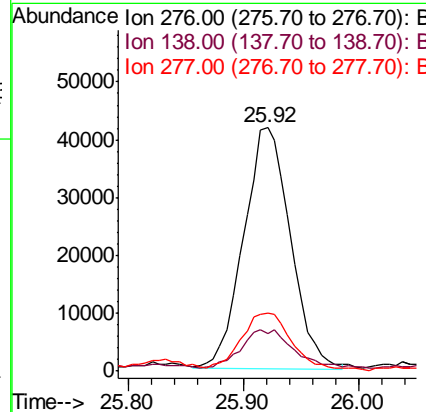
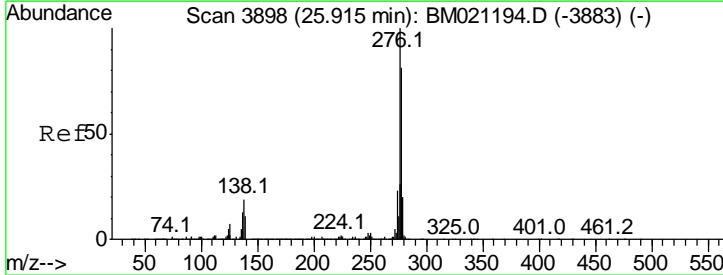
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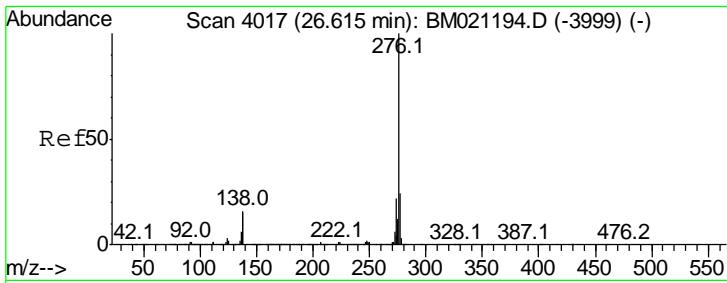
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252	100		
253	23.1	17.8	26.8
125	9.4	7.2	10.8



#91  
 Indeno(1,2,3-cd)pyrene  
 Concen: 1.523 ng/ul  
 RT: 25.92 min Scan# 3899  
 Delta R.T. 0.01 min  
 Lab File: BM021196.D  
 Acq: 26 Jun 2019 17:41

Tgt Ion	Resp	Lower	Upper
276	100		
138	15.5	15.9	23.9#
277	24.0	20.4	30.6





#93

Benzo(a,h,i)perylene  
 Concen: 1.607 ng/ul  
 RT: 26.63 min Scan# 4019  
 Delta R.T. 0.01 min  
 Lab File: BM021196.D  
 Acq: 26 Jun 2019 17:41

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C7AC6

Tot Ion: 276 Resp: 102581

Ion	Ratio	Lower	Upper
276	100		
138	18.6	14.6	21.8
277	23.5	18.9	28.3

