

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\  
 Data File : BM016955.D  
 Acq On : 02 Oct 2018 11:28  
 Operator : MJ/SJ  
 Sample : J5126-01  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0B89

Quant Time: Oct 02 13:51:16 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM091018MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Sep 27 02:42:56 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	370375	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1513376	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.35	164	759443	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1465730	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1398807	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	1531497	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

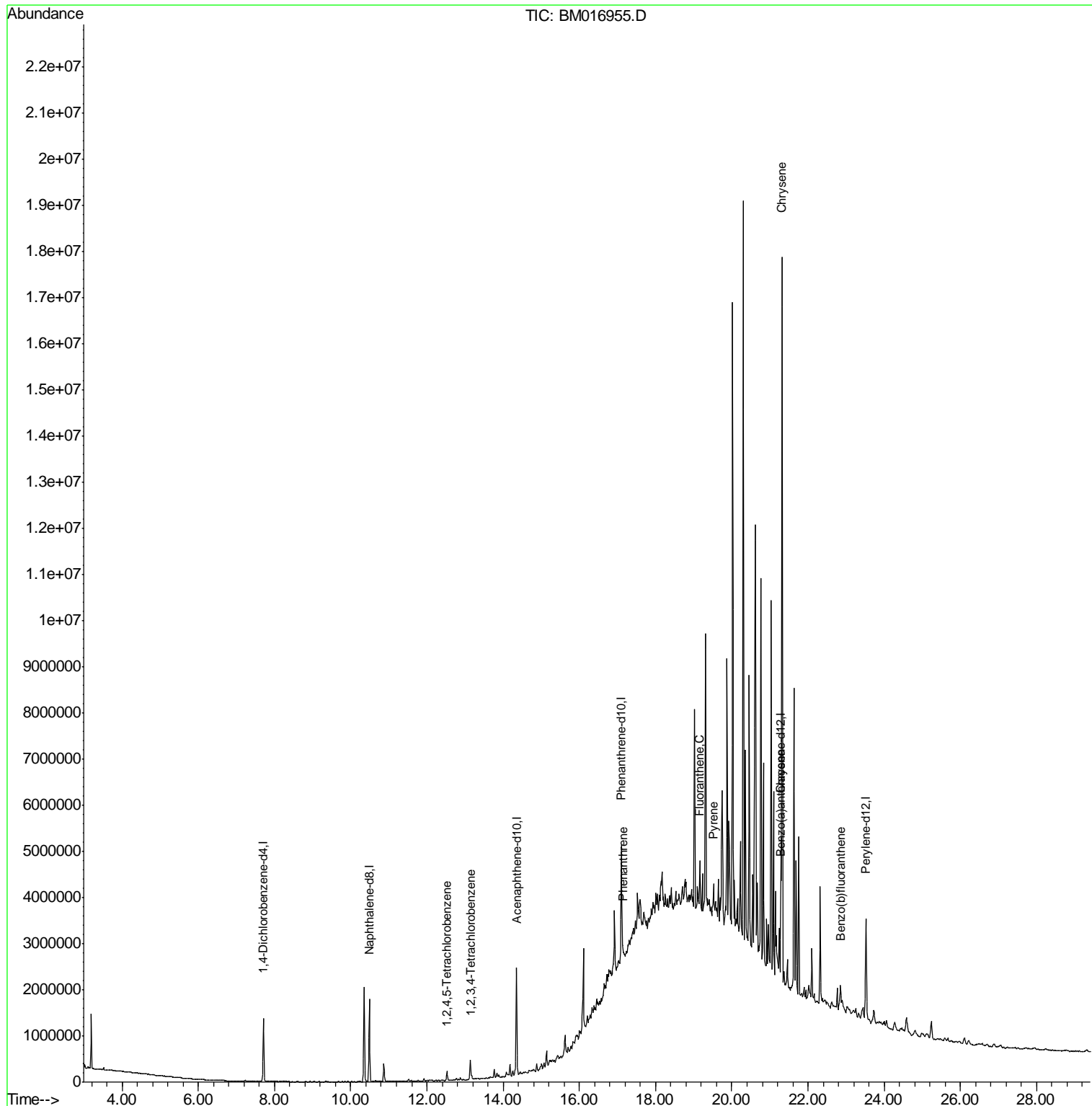
					Ovalue	
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	67264	2.579	ng/ul	98
70) Phenanthrene	17.14	178	122497	1.505	ng/ul#	81
73) 1,2,3,4-Tetrachlorobenzene	13.14	216	124140	5.117	ng/uL	99
77) Fluoranthene	19.16	202	514235	5.510	ng/ul#	91
80) Pyrene	19.53	202	233298	2.716	ng/ul#	87
83) Benzo(a)anthracene	21.27	228	199299	2.301	ng/ul	97
85) Chrysene	21.33	228	329762	4.083	ng/ul	96
88) Benzo(b)fluoranthene	22.85	252	324813	3.543	ng/ul#	87

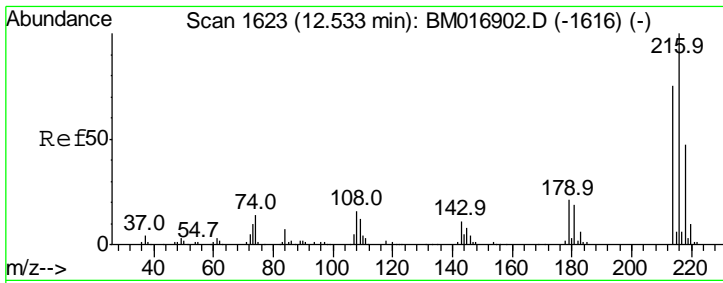
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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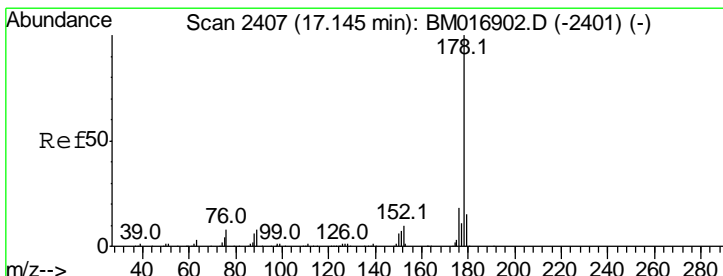
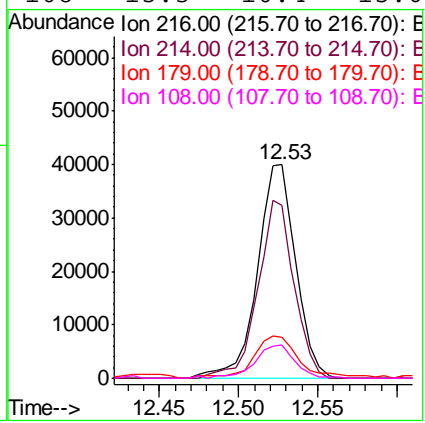
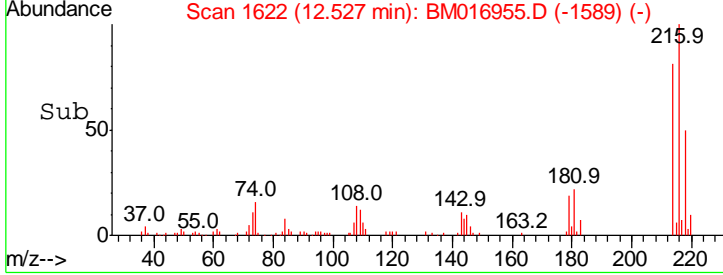
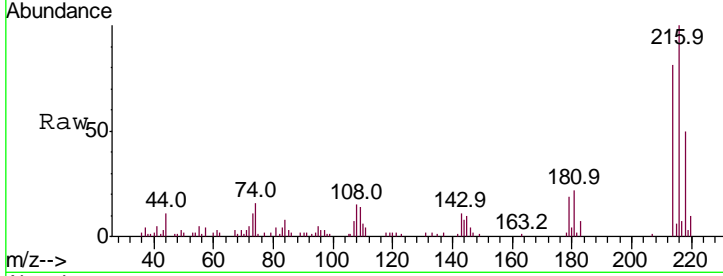




#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 2.579 ng/ul  
 RT: 12.53 min Scan# 1622  
 Delta R.T. -0.01 min  
 Lab File: BM016955.D  
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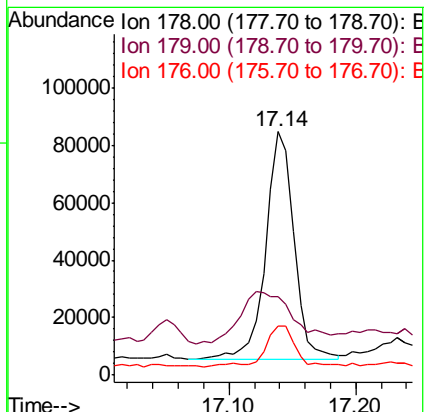
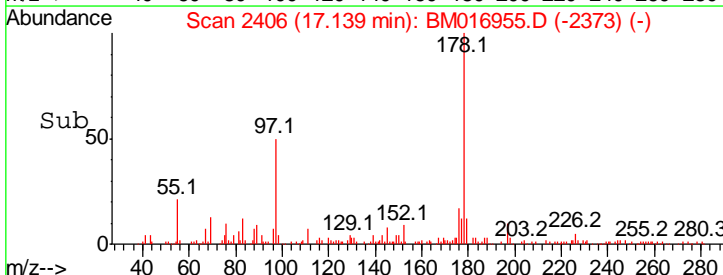
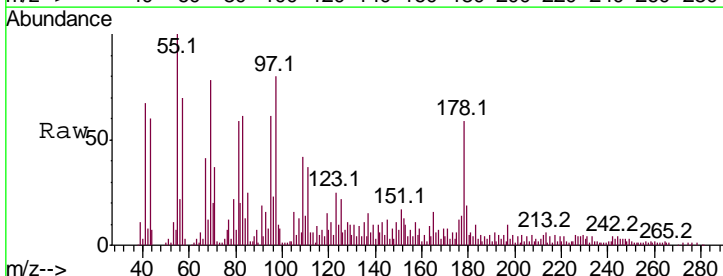
Instrument :  
 BNA\_M  
 ClientSampled :  
 C0B89

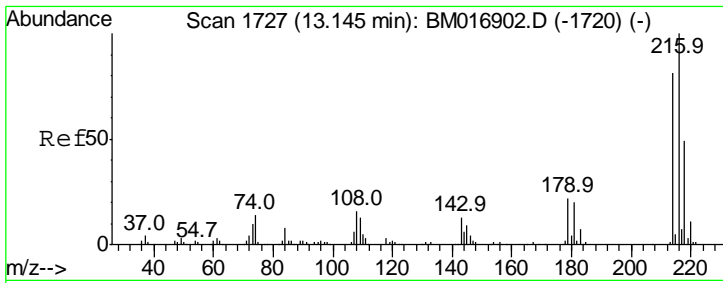
Tgt Ion	Resp	Lower	Upper
216	100		
214	80.9	64.1	96.1
179	19.5	14.5	21.7
108	15.3	10.4	15.6



#70  
 Phenanthrene  
 Concen: 1.505 ng/ul  
 RT: 17.14 min Scan# 2406  
 Delta R.T. -0.01 min  
 Lab File: BM016955.D  
 Acq: 02 Oct 2018 11:28

Tgt Ion	Resp	Lower	Upper
178	100		
179	32.1	12.3	18.5#
176	20.2	15.4	23.0

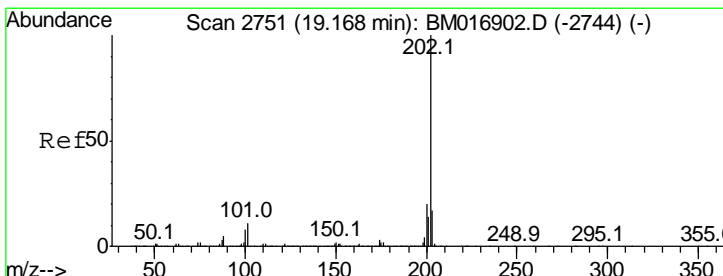
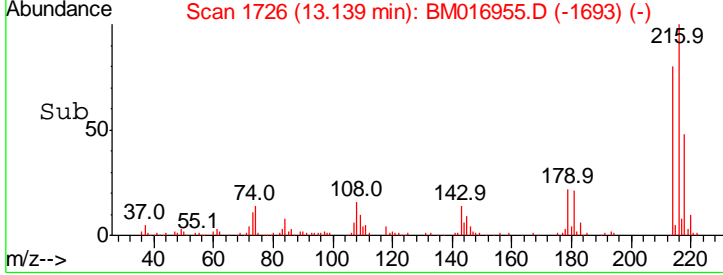
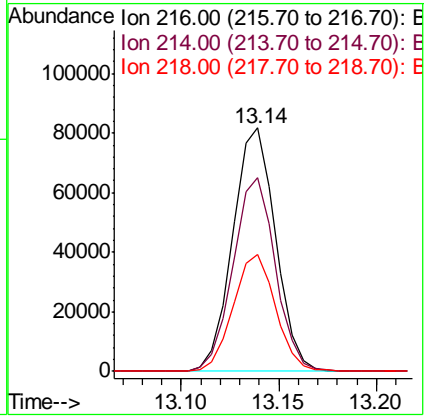
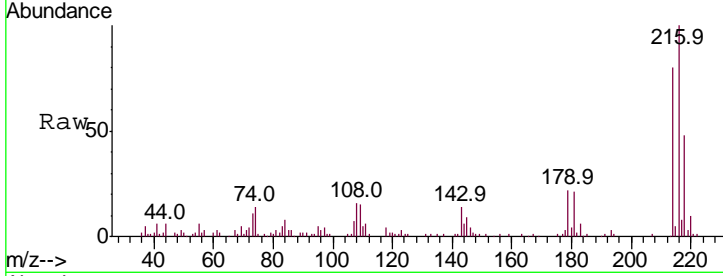




#73  
 1,2,3,4-Tetrachlorobenzene  
 Concen: 5.117 ng/uL  
 RT: 13.14 min Scan# 1726  
 Delta R.T. -0.01 min  
 Lab File: BM016955.D  
 Acq: 02 Oct 2018 11:28

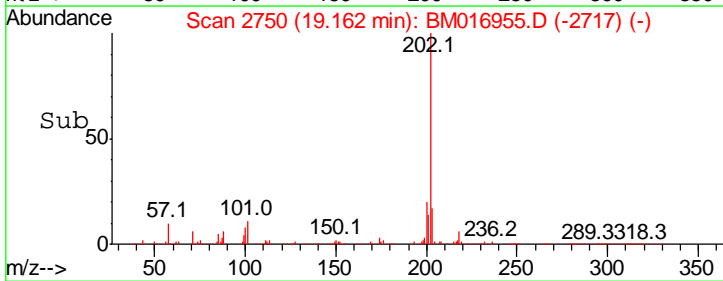
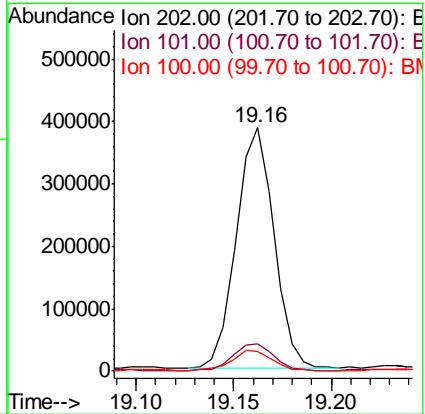
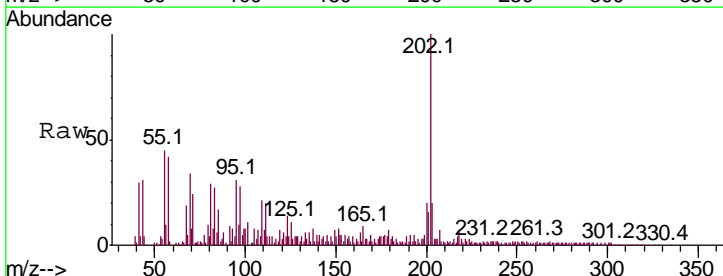
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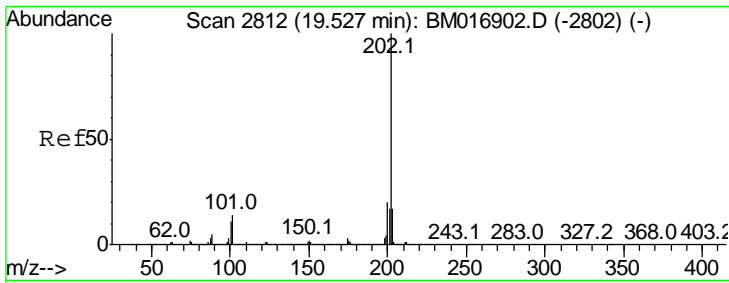
Tgt Ion	Resp	Lower	Upper
216	100		
214	79.7	64.1	96.1
218	48.0	39.4	59.0



#77  
 Fluoranthene  
 Concen: 5.510 ng/uL  
 RT: 19.16 min Scan# 2750  
 Delta R.T. -0.01 min  
 Lab File: BM016955.D  
 Acq: 02 Oct 2018 11:28

Tgt Ion	Resp	Lower	Upper
202	100		
101	11.4	6.1	9.1#
100	8.3	4.6	7.0#

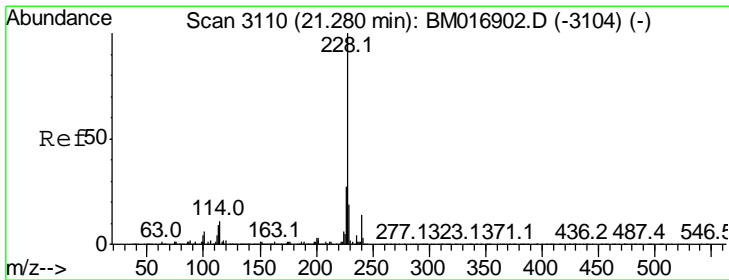
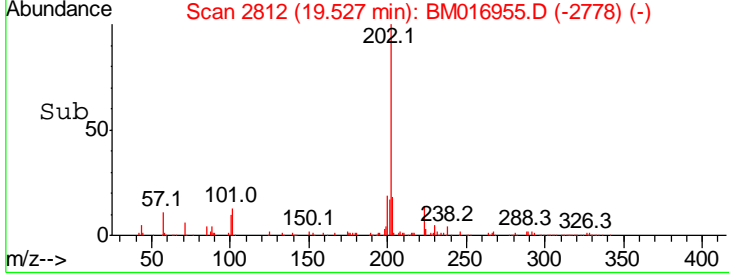
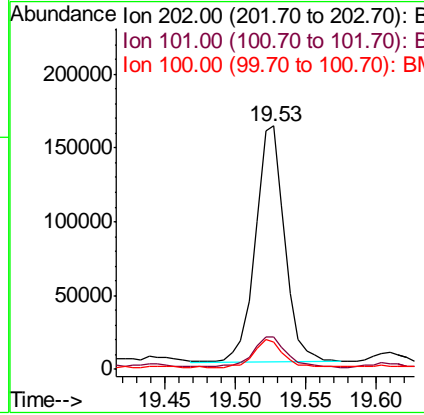
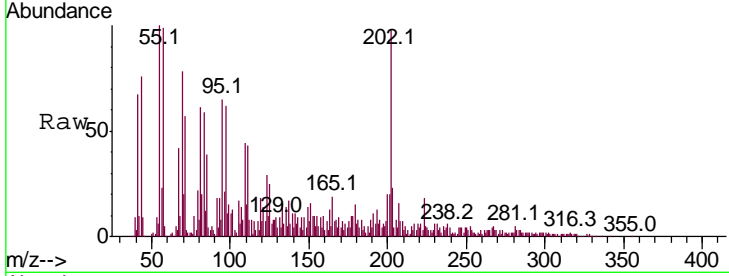




#80  
 Pyrene  
 Concen: 2.716 ng/ul  
 RT: 19.53 min Scan# 2812  
 Delta R.T. 0.00 min  
 Lab File: BM016955.D  
 Acq: 02 Oct 2018 11:28

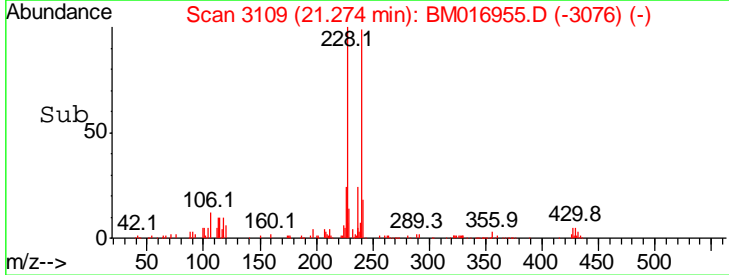
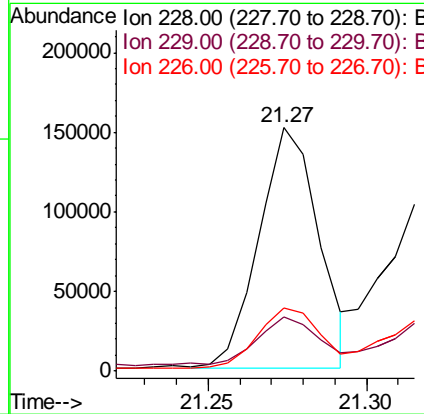
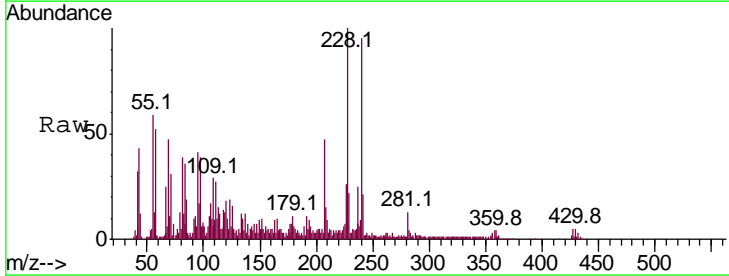
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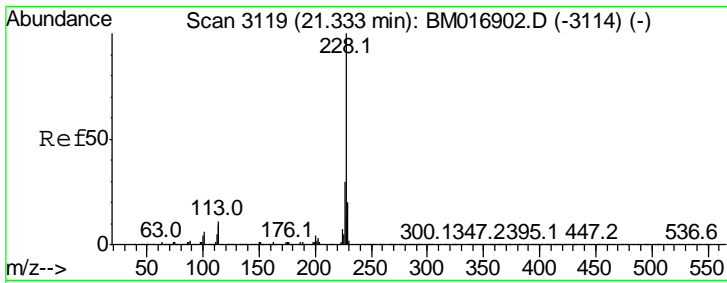
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	6.9	10.3#
100	11.2	5.6	8.4#



#83  
 Benzo(a)anthracene  
 Concen: 2.301 ng/ul  
 RT: 21.27 min Scan# 3109  
 Delta R.T. -0.01 min  
 Lab File: BM016955.D  
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Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.0	24.0
226	26.1	21.8	32.8

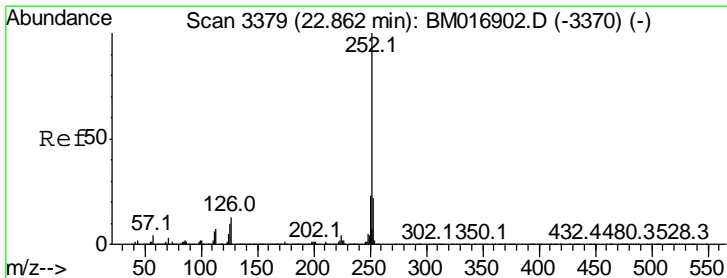
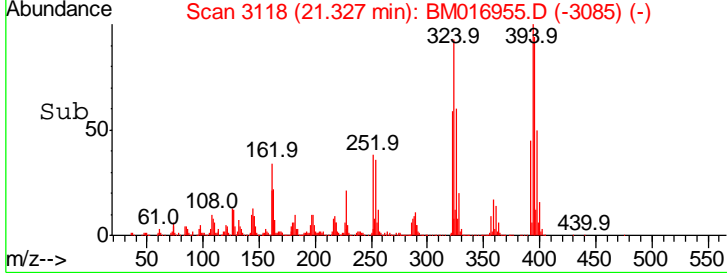
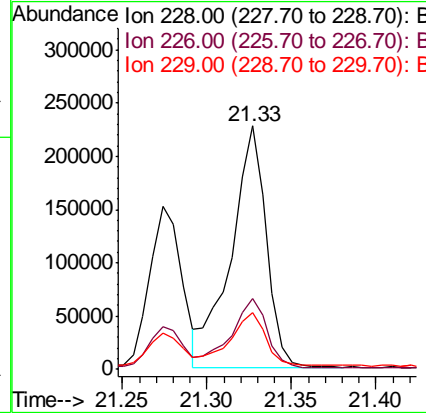
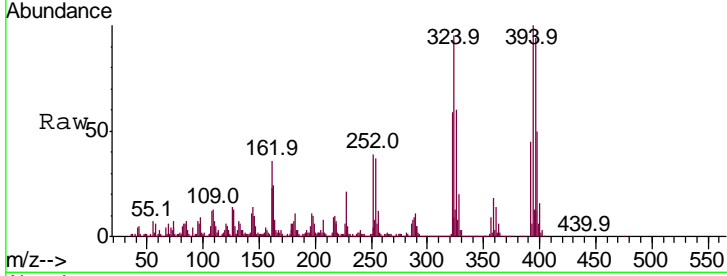




#85  
 Chrysene  
 Concen: 4.083 ng/ul  
 RT: 21.33 min Scan# 3118  
 Delta R.T. -0.01 min  
 Lab File: BM016955.D  
 Acq: 02 Oct 2018 11:28

Instrument :  
 BNA\_M  
 ClientSampled :  
 C0B89

Tgt Ion	Resp	Lower	Upper
228	100		
226	29.2	24.1	36.1
229	23.1	16.0	24.0



#88  
 Benzo(b)fluoranthene  
 Concen: 3.543 ng/ul  
 RT: 22.85 min Scan# 3377  
 Delta R.T. -0.01 min  
 Lab File: BM016955.D  
 Acq: 02 Oct 2018 11:28

Tgt Ion	Resp	Lower	Upper
252	100		
253	24.1	17.4	26.0
125	20.5	4.9	7.3#

