

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\
 Data File : BM018045.D
 Acq On : 11 Dec 2018 03:45
 Operator : JU/SJ
 Sample : J6161-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AA0

Manual Integrations
 APPROVED

Sohil
 12/11/2018 6:11:26 PM

Quant Time: Dec 11 07:37:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 11 06:43:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	228031	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	978451	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	552379	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	1157680	20.00	ng/ul	0.00
77) Chrysene-d12	21.18	240	876241	20.00	ng/ul	0.01
85) Perylene-d12	23.36	264	881351	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	18526	3.72	ng/uL	0.00
5) Phenol-d5	6.75	99	372897	17.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	224464	17.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	311986	19.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	278160	16.35	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	164627	21.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	170108	19.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	299236	18.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	427461	30.38	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	1098852	22.93	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	1380491	23.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	14616m	1.68	ng/ul	0.06
57) Fluorene-d10	15.21	176	970068	23.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	5627m	0.68	ng/ul	0.02
70) Anthracene-d10	17.06	188	1418143	24.60	ng/ul	0.00
78) Pyrene-d10	19.37	212	1367610	32.25	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.22	264	1191995	24.94	ng/ul	0.01

Target Compounds

				Ovalue	
6) Phenol	6.77	94	91096	4.382	ng/ul 94
44) Dimethylphthalate	13.67	163	153298	3.301	ng/ul 100
69) Phenanthrene	17.00	178	120903	1.826	ng/ul# 91
76) Fluoranthene	19.03	202	128856	1.655	ng/ul 97
79) Pyrene	19.40	202	410833	7.724	ng/ul 100
82) Benzo(a)anthracene	21.16	228	92092	1.694	ng/ul# 58
84) Chrysene	21.22	228	153524	3.020	ng/ul# 81
93) Benzo(a,h,i)perylene	26.17	276	63170	1.420	ng/ul# 78

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

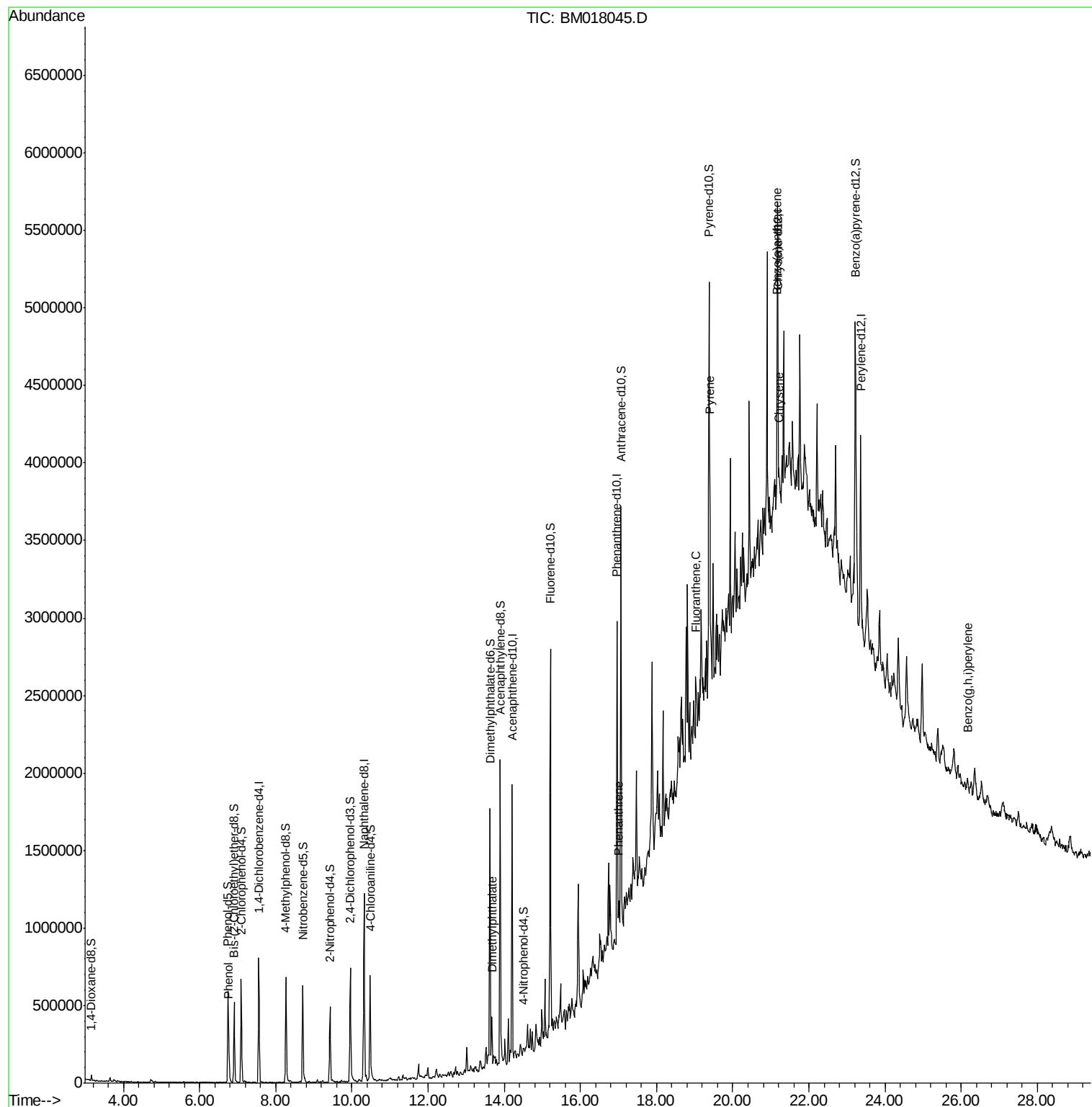
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\
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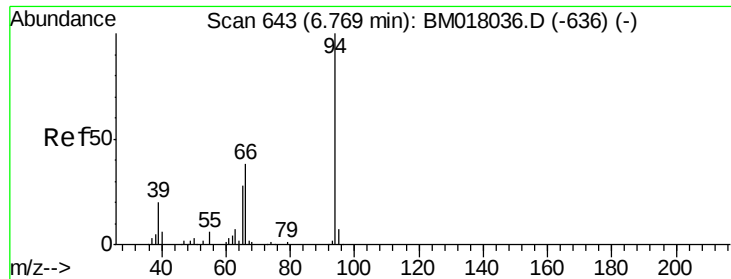
Instrument :
BNA_M
ClientSampled :
C5AA0

Manual Integrations
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Quant Time: Dec 11 07:37:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 11 06:43:59 2018
Response via : Initial Calibration





#6

Phenol

Concen: 4.382 ng/ul

RT: 6.77 min Scan# 644

Delta R.T. 0.01 min

Lab File: BM018045.D

Acq: 11 Dec 2018 03:45

Instrument :

BNA_M

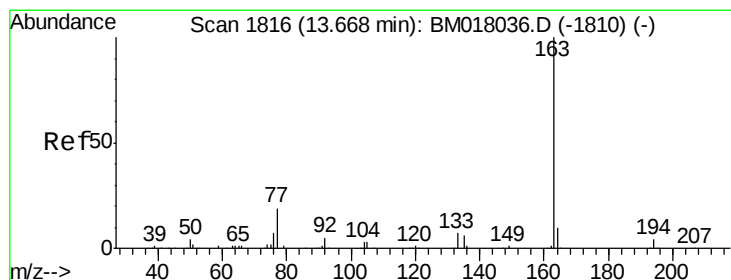
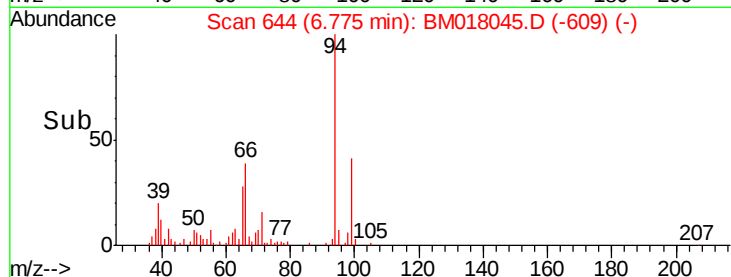
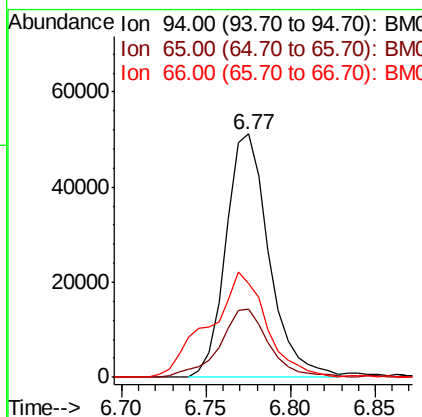
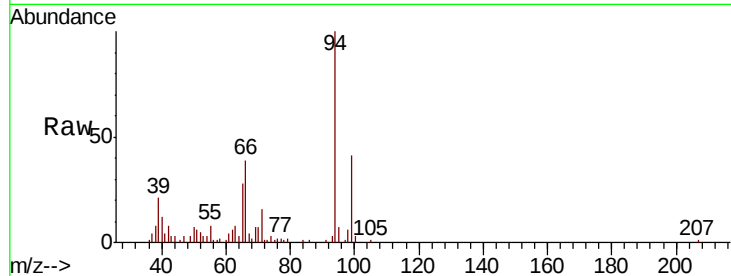
ClientSampled :

C5AA0

Tot Ion:	94	Resp:	91096
Ion	Ratio	Lower	Upper
94	100		
65	28.0	24.7	37.1
66	38.8	34.6	51.8

Manual Integrations
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#44

Dimethylphthalate

Concen: 3.301 ng/ul

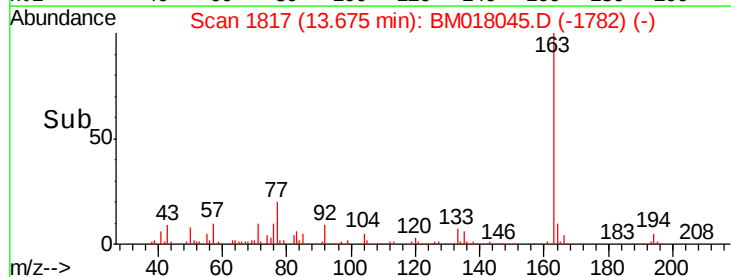
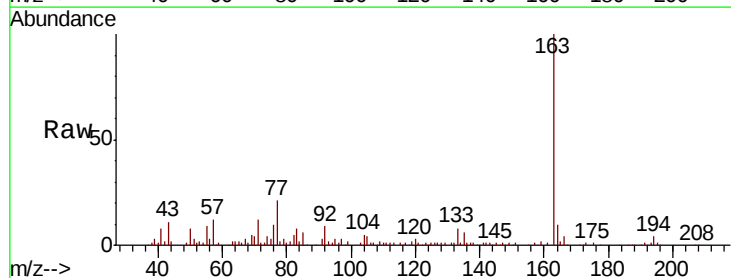
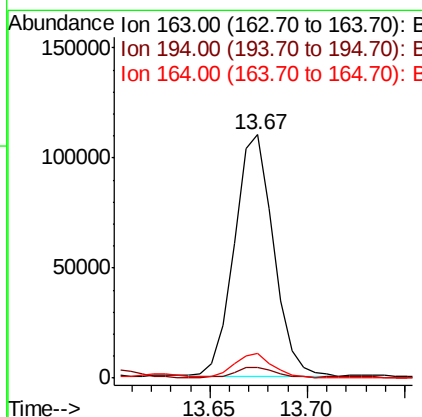
RT: 13.67 min Scan# 1817

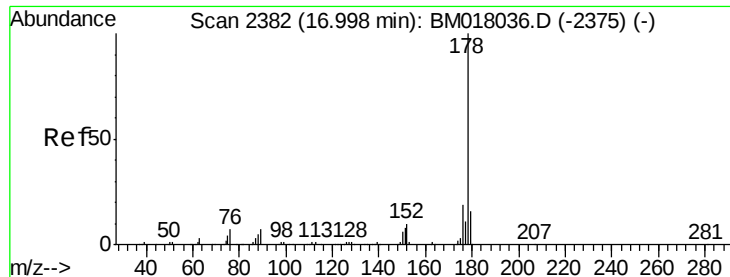
Delta R.T. 0.01 min

Lab File: BM018045.D

Acq: 11 Dec 2018 03:45

Tgt Ion:	163	Resp:	153298
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	10.0	8.1	12.1





#69

Phenanthrene

Concen: 1.826 ng/ul

RT: 17.00 min Scan# 2383

Delta R.T. 0.01 min

Lab File: BM018045.D

Acq: 11 Dec 2018 03:45

Instrument :

BNA_M

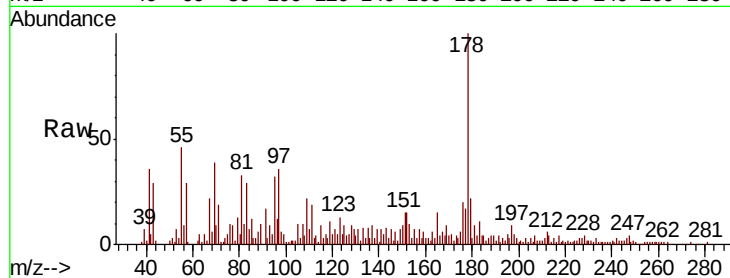
ClientSampled :

C5AA0

Tot Ion	Ratio	Lower	Upper
178	100		
179	22.2	11.8	17.8#
176	19.7	15.0	22.6

Manual Integrations
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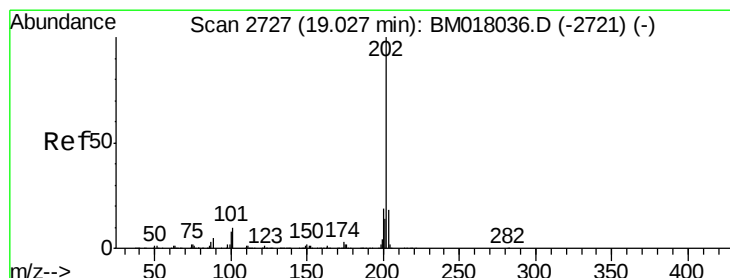
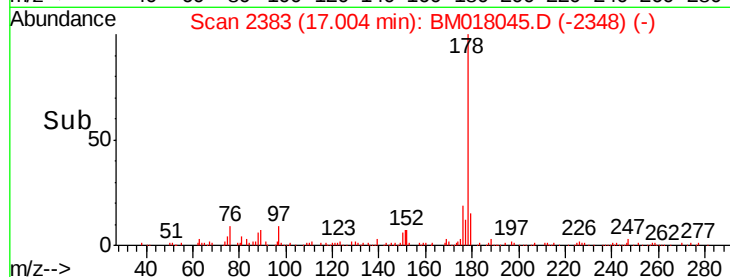
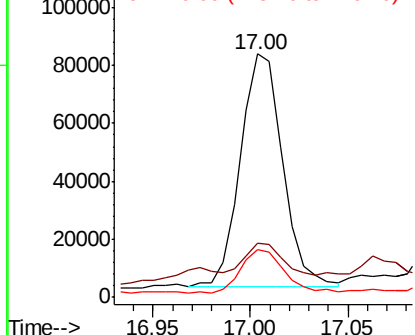


Abundance

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



#76

Fluoranthene

Concen: 1.655 ng/ul

RT: 19.03 min Scan# 2728

Delta R.T. 0.01 min

Lab File: BM018045.D

Acq: 11 Dec 2018 03:45

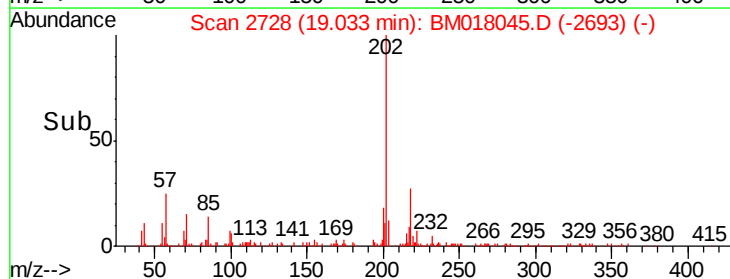
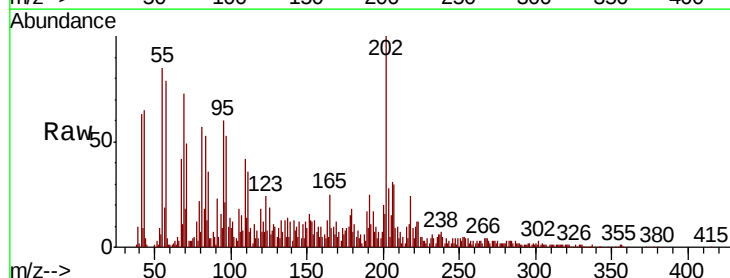
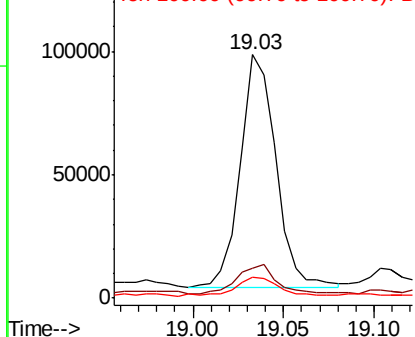
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	8.4	12.6
100	8.8	6.6	9.8

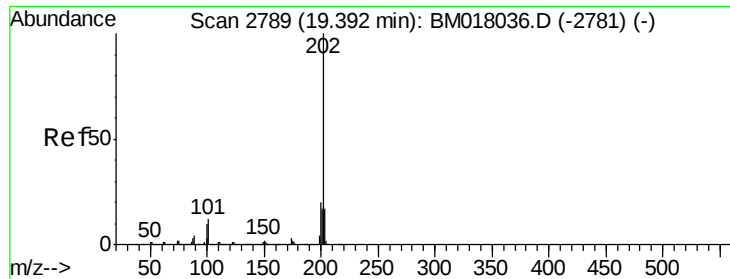
Abundance

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





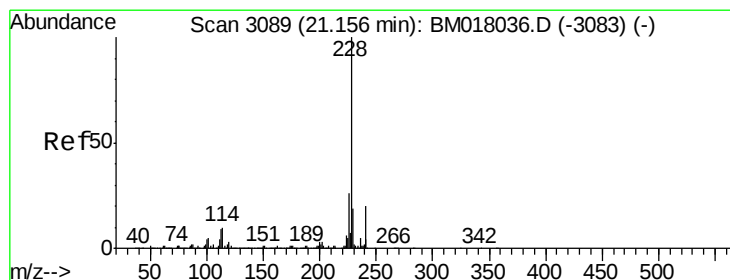
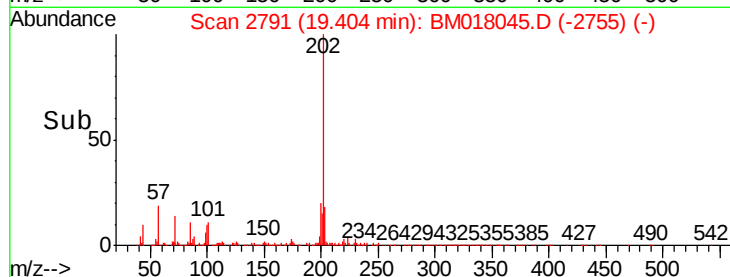
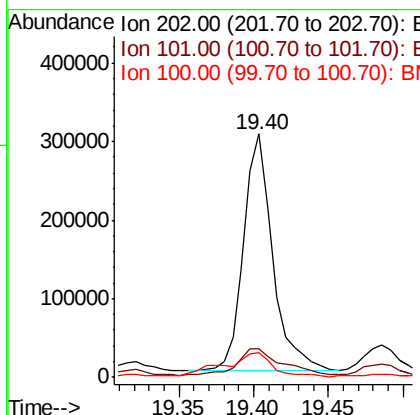
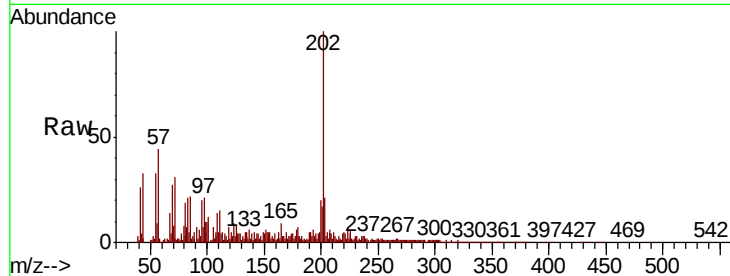
#79
Pvrene
Concen: 7.724 ng/ul
RT: 19.40 min Scan# 2791
Delta R.T. 0.01 min
Lab File: BM018045.D
Acq: 11 Dec 2018 03:45

Instrument :
BNA_M
ClientSampleId :
C5AA0

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.9	9.6	14.4
100	10.2	7.9	11.9

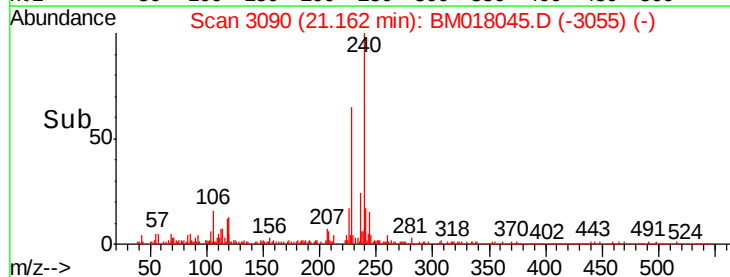
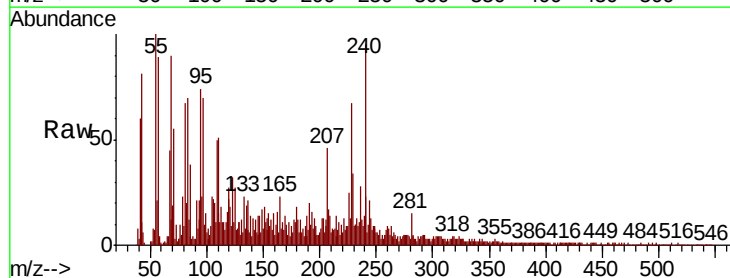
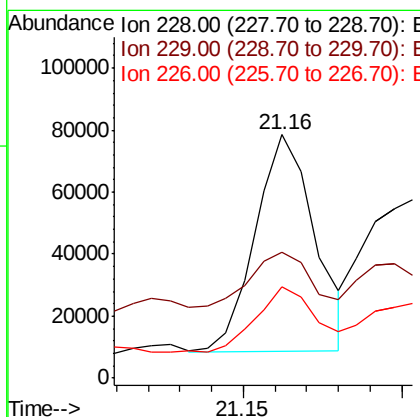
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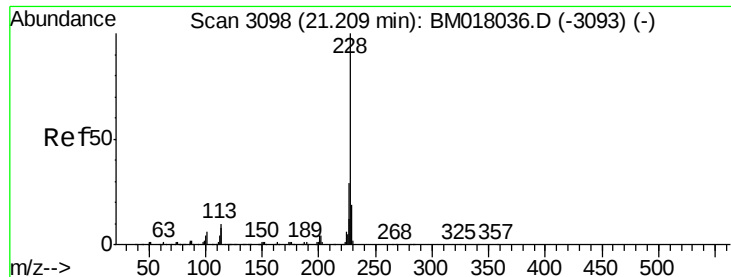
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#82
Benzo(a)anthracene
Concen: 1.694 ng/ul
RT: 21.16 min Scan# 3090
Delta R.T. 0.01 min
Lab File: BM018045.D
Acq: 11 Dec 2018 03:45

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	51.6	16.0	24.0#
226	37.6	21.0	31.6#





#84

Chrysene

Concen: 3.020 ng/ul

RT: 21.22 min Scan# 3099

Delta R.T. 0.01 min

Lab File: BM018045.D

Acq: 11 Dec 2018 03:45

Instrument :

BNA_M

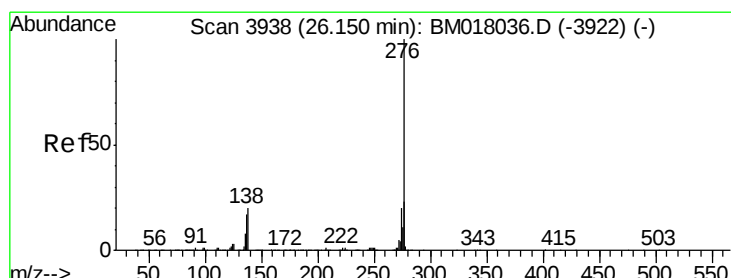
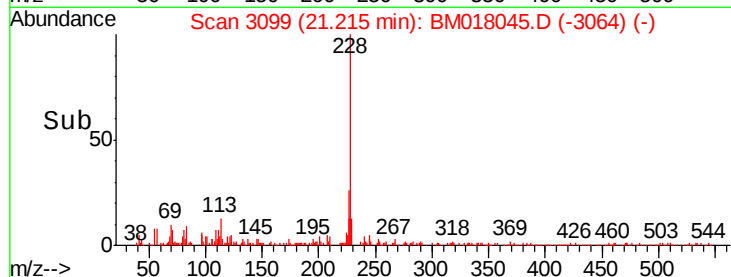
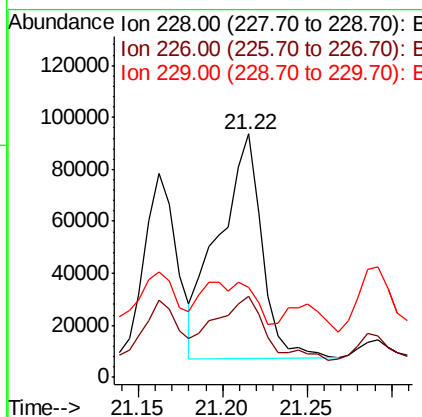
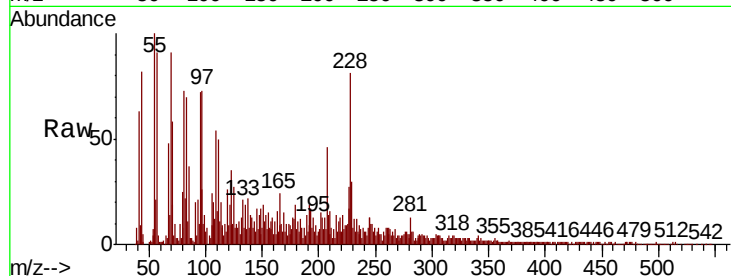
ClientSampleId :

C5AA0

Tot Ion:	228	Resp:	153524
Ion Ratio	Lower	Upper	
228	100		
226	33.3	23.7	35.5
229	36.8	15.8	23.8#

Manual Integrations
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12/11/2018 6:11:26 PM



#93

Benzo(g,h,i)perylene

Concen: 1.420 ng/ul

RT: 26.17 min Scan# 3942

Delta R.T. 0.02 min

Lab File: BM018045.D

Acq: 11 Dec 2018 03:45

Tgt Ion:	276	Resp:	63170
Ion Ratio	Lower	Upper	
276	100		
138	30.6	15.8	23.6#
277	33.2	18.6	27.8#

