

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080516\
 Data File : BM006925.D
 Acq On : 06 Aug 2016 06:21
 Operator : UM/SJ
 Sample : H4278-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJS2

Manual Integrations
 APPROVED

sohil
 8/8/2016 7:02:39 PM

Quant Time: Aug 06 07:03:57 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 06 00:33:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	160284	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	700006	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	395426	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	913111	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	1051228	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	1045398	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	9637	3.31	ng/uL	0.00
5) Phenol-d5	6.77	99	375088	31.79	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.90	67	268280	34.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	290486	31.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	259527	27.05	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	154247	32.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	172335	30.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	293222	24.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	359838	29.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	1072392	32.92	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	1288210	32.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	133228m	18.66	ng/ul	-0.01
57) Fluorene-d10	15.22	176	934074	30.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	131219	22.02	ng/ul	0.00
70) Anthracene-d10	17.07	188	1416313	32.30	ng/ul	0.00
76) Pyrene-d10	19.37	212	1701509	31.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	1704159	33.47	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.80	94	19694	1.58	ng/ul#	67
44) Dimethylphthalate	13.68	163	427571	13.21	ng/ul	99
69) Phenanthrene	17.01	178	74212	1.47	ng/ul	97
74) Fluoranthene	19.04	202	157460	2.44	ng/ul#	97
77) Pyrene	19.41	202	171807	2.49	ng/ul#	91
80) Benzo(a)anthracene	21.17	228	94119	1.47	ng/ul	99
82) Chrysene	21.22	228	84635	1.50	ng/ul	99
85) Benzo(b)fluoranthene	22.72	252	98931	1.50	ng/ul#	96
88) Benzo(a)pyrene	23.27	252	80779	1.29	ng/ul#	96

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

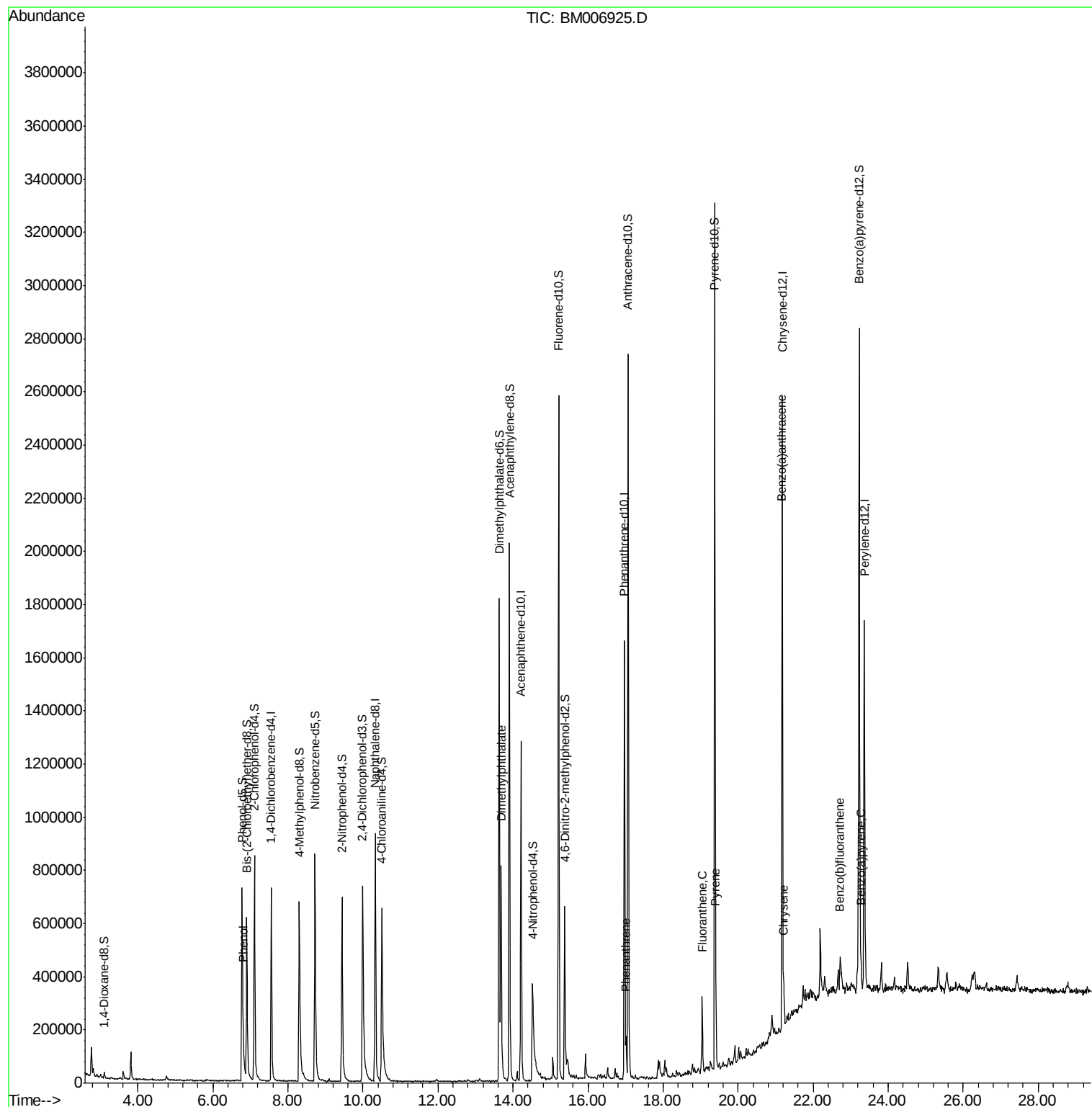
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080516\
Data File : BM006925.D
Acq On : 06 Aug 2016 06:21
Operator : UM/SJ
Sample : H4278-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

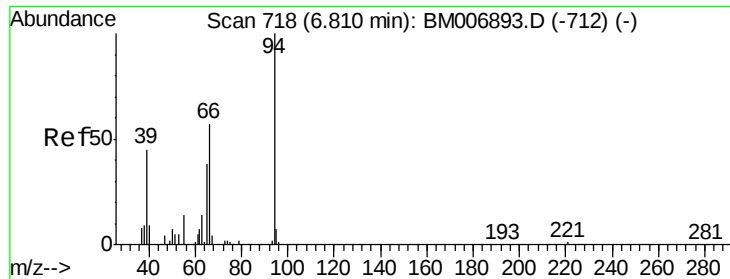
Instrument :
BNA_M
ClientSampleID :
BDJS2

Manual Integrations
APPROVED

sohil
8/8/2016 7:02:39 PM

Quant Time: Aug 06 07:03:57 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 06 00:33:11 2016
Response via : Initial Calibration





#6

Phenol

Concen: 1.58 ng/ul

RT: 6.80 min Scan# 717

Delta R.T. -0.01 min

Lab File: BM006925.D

Acq: 06 Aug 2016 06:21

Instrument :

BNA_M

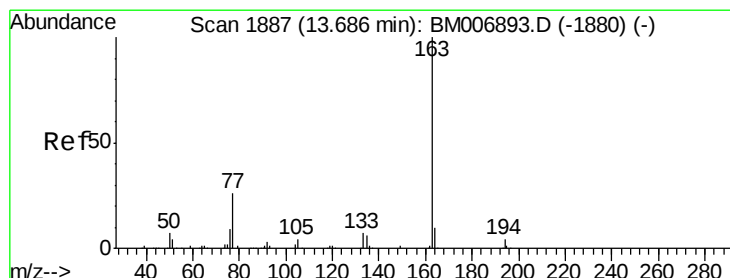
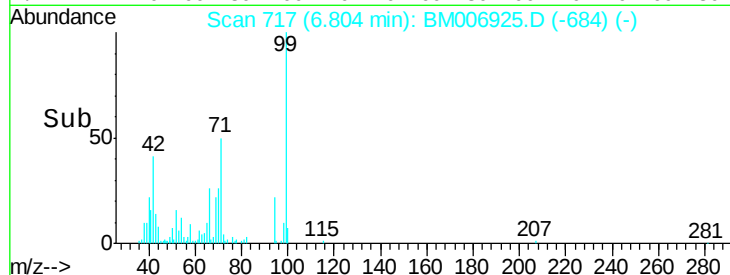
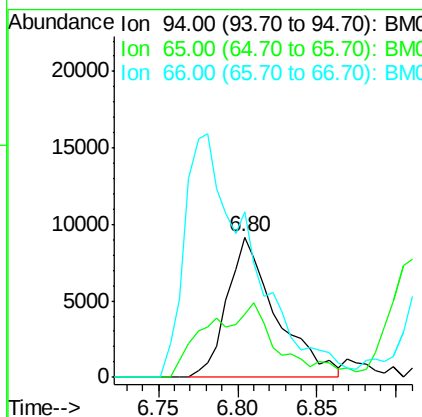
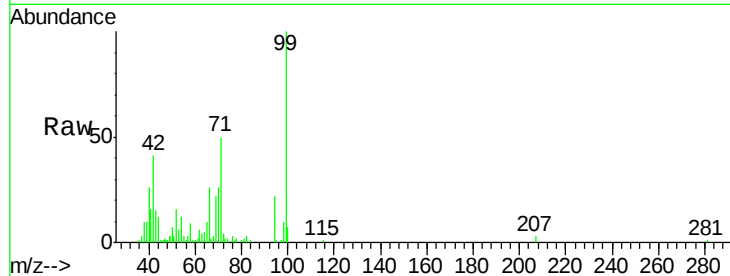
ClientSampled :

BDJS2

Tgt Ion:	94	Resp:	19694
Ion Ratio	Lower	Upper	
94	100		
65	44.9	39.3	58.9
66	118.5	60.7	91.1#

Manual Integrations
APPROVED

sohil
8/8/2016 7:02:39 PM



#44

Dimethylphthalate

Concen: 13.21 ng/ul

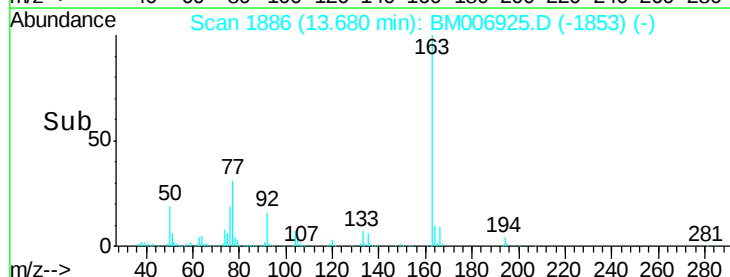
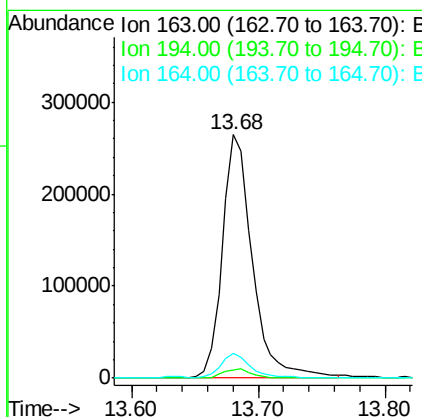
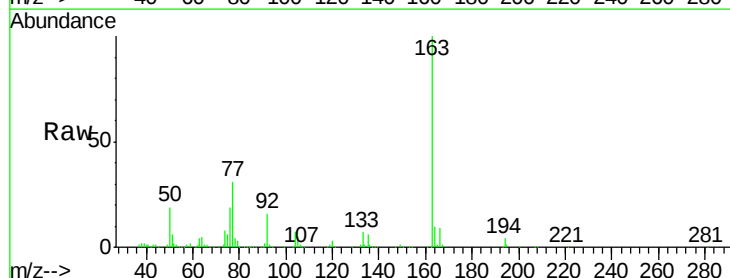
RT: 13.68 min Scan# 1886

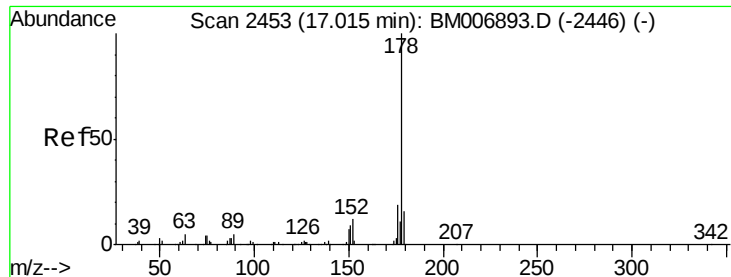
Delta R.T. -0.01 min

Lab File: BM006925.D

Acq: 06 Aug 2016 06:21

Tgt Ion:	163	Resp:	427571
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.1	4.7
164	10.4	8.6	12.8





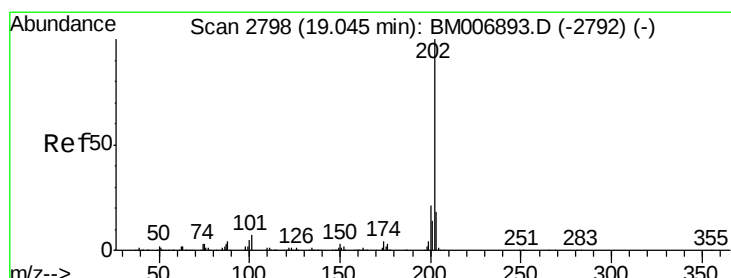
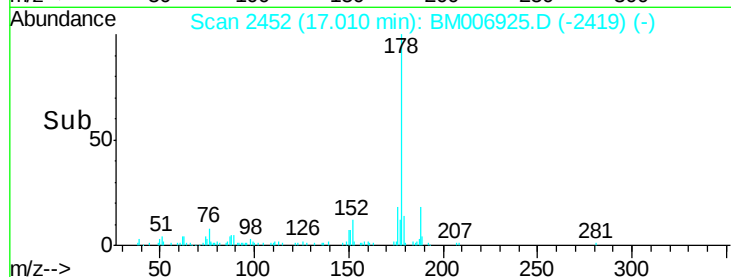
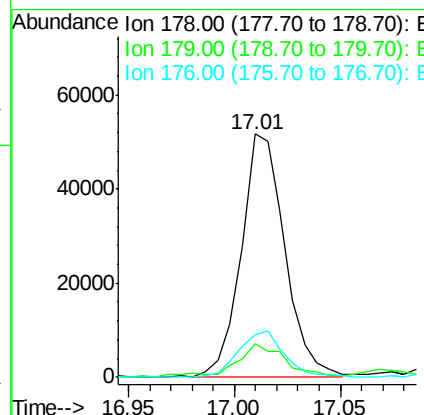
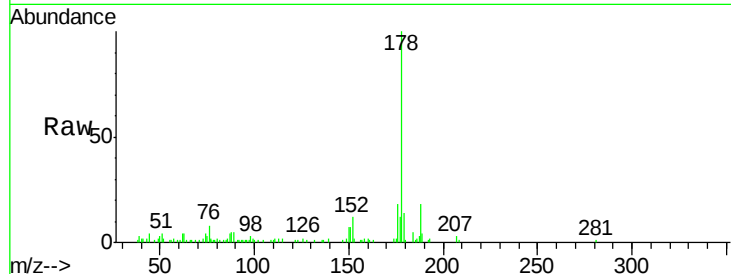
#69
Phenanthrene
Concen: 1.47 ng/ul
RT: 17.01 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BM006925.D
Acq: 06 Aug 2016 06:21

Instrument :
BNA_M
ClientSampleId :
BDJS2

Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.8	12.2	18.2
176	17.7	15.2	22.8

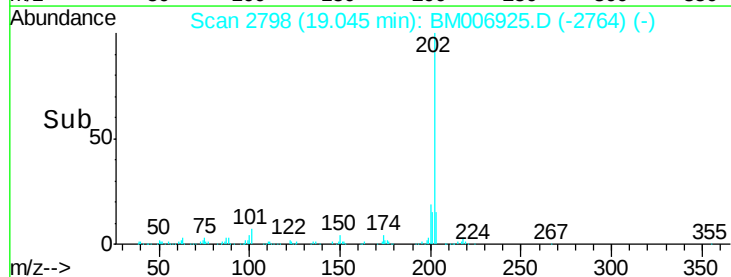
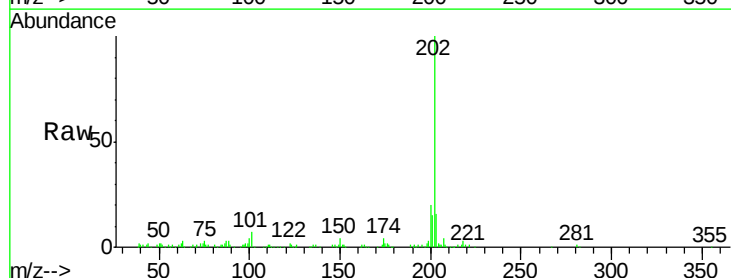
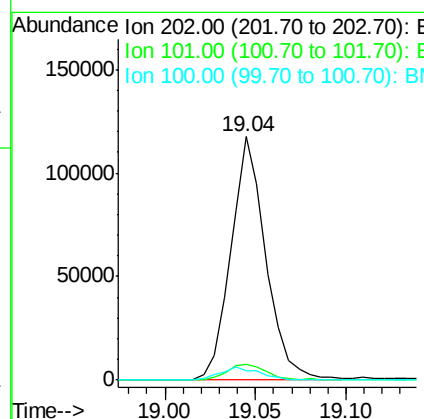
Manual Integrations
APPROVED

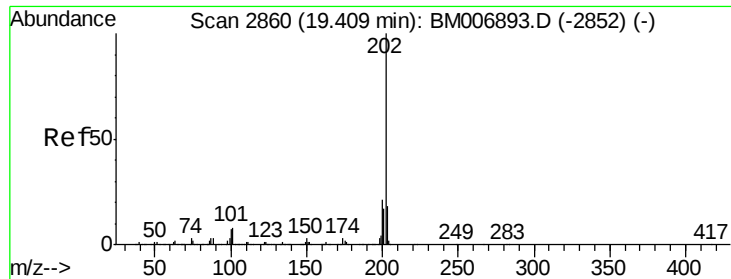
sohil
8/8/2016 7:02:39 PM



#74
Fluoranthene
Concen: 2.44 ng/ul
RT: 19.04 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BM006925.D
Acq: 06 Aug 2016 06:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.7	4.1	6.1#
100	3.7	3.0	4.6





#77

Pyrene

Concen: 2.49 ng/ul

RT: 19.41 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BM006925.D

Acq: 06 Aug 2016 06:21

Instrument :

BNA_M

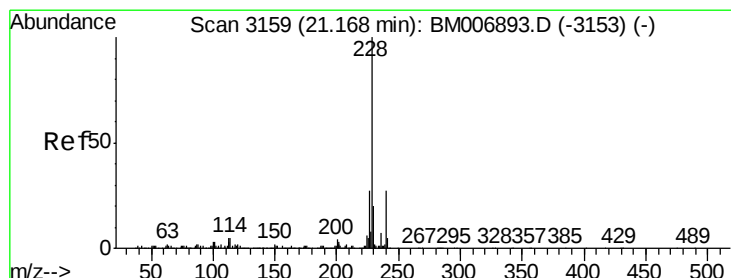
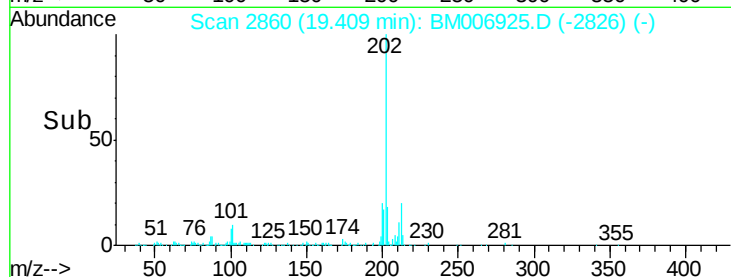
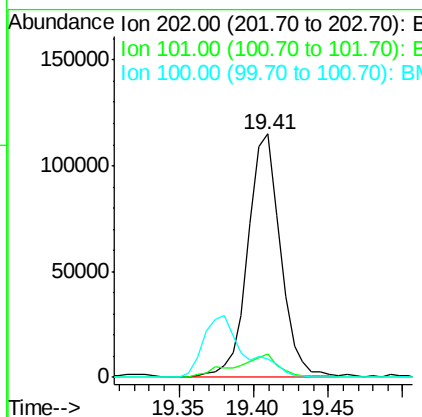
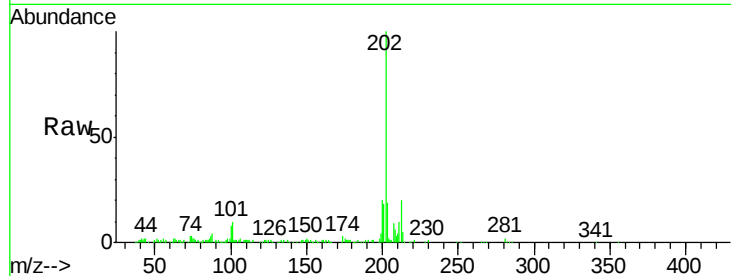
ClientSampleId :

BDJS2

Tgt Ion:	202	Resp:	171807
Ion Ratio	Lower	Upper	
202	100		
101	9.8	4.6	6.8#
100	7.6	4.5	6.7#

Manual Integrations
APPROVED

sohil
8/8/2016 7:02:39 PM



#80

Benzo(a)anthracene

Concen: 1.47 ng/ul

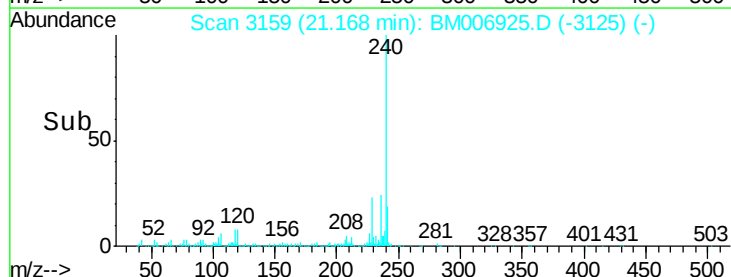
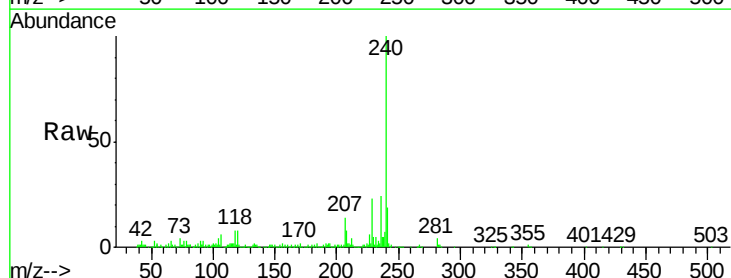
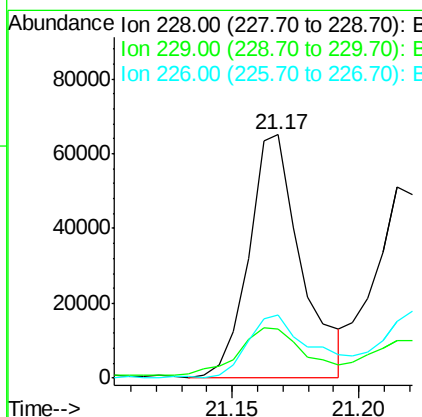
RT: 21.17 min Scan# 3159

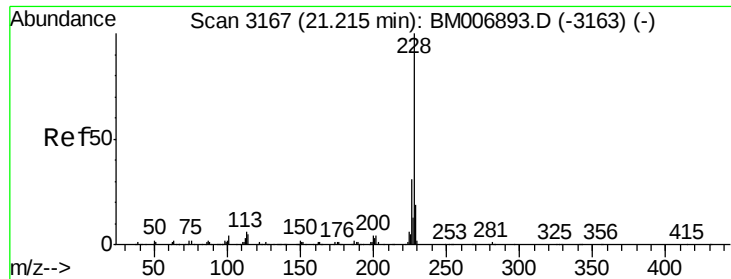
Delta R.T. 0.00 min

Lab File: BM006925.D

Acq: 06 Aug 2016 06:21

Tgt Ion:	228	Resp:	94119
Ion Ratio	Lower	Upper	
228	100		
229	20.1	15.7	23.5
226	26.1	21.3	31.9





#82

Chrysene

Concen: 1.50 ng/ul

RT: 21.22 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BM006925.D

Acq: 06 Aug 2016 06:21

Instrument :

BNA_M

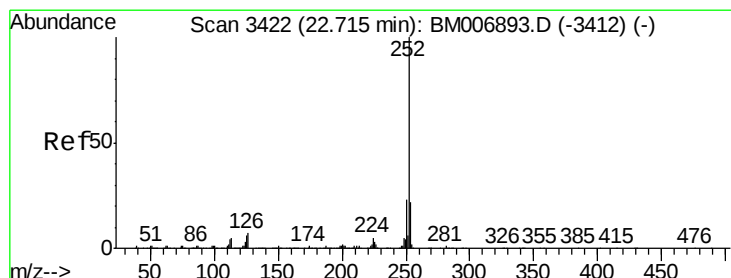
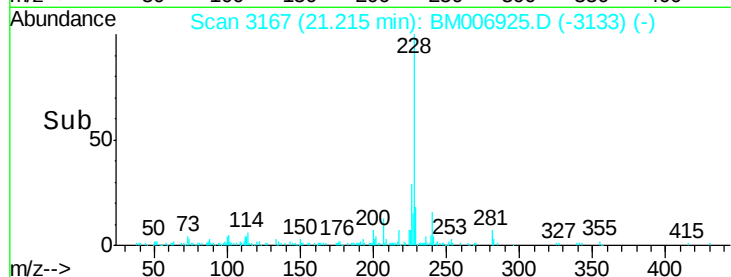
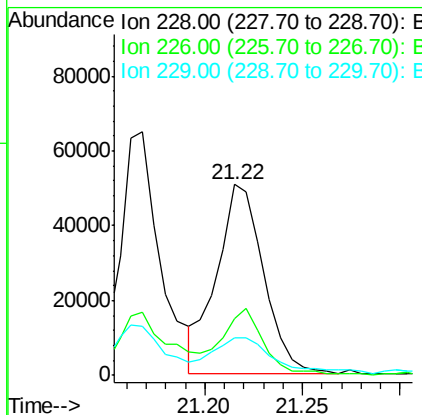
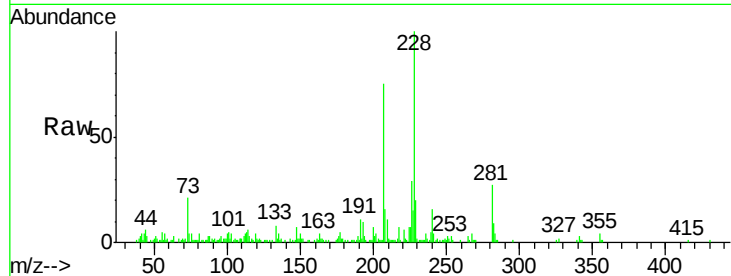
ClientSampleId :

BDJS2

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.8	34.2
229	19.5	15.4	23.2

Manual Integrations
APPROVED

sohil
8/8/2016 7:02:39 PM



#85

Benzo(b)fluoranthene

Concen: 1.50 ng/ul

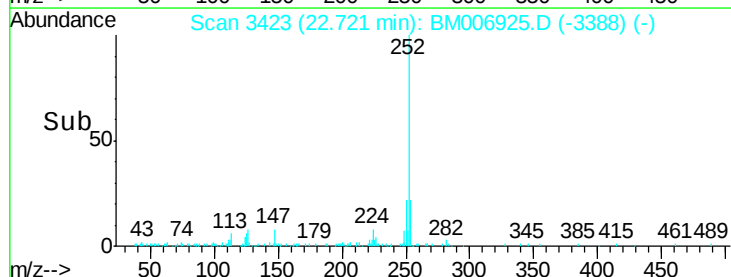
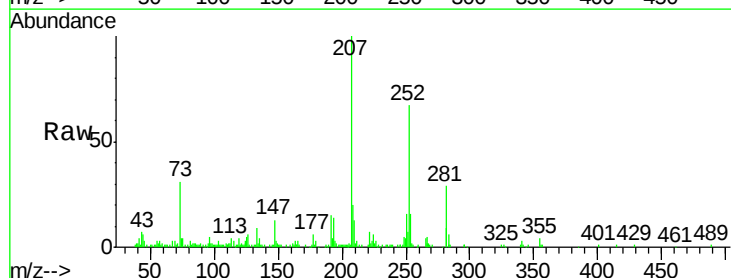
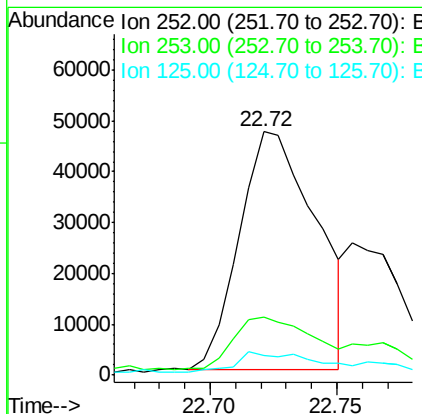
RT: 22.72 min Scan# 3423

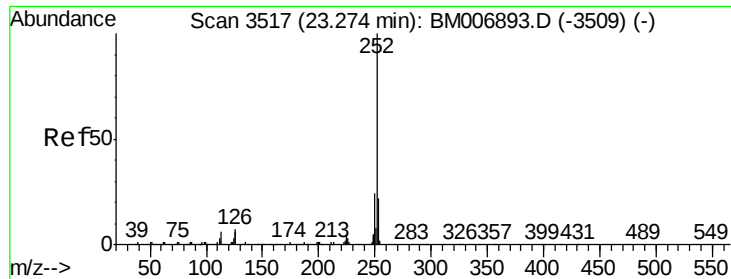
Delta R.T. 0.01 min

Lab File: BM006925.D

Acq: 06 Aug 2016 06:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.1	27.1
125	8.1	2.9	4.3#





#88

Benzo(a)pyrene

Concen: 1.29 ng/ul

RT: 23.27 min Scan# 3517

Delta R.T. 0.00 min

Lab File: BM006925.D

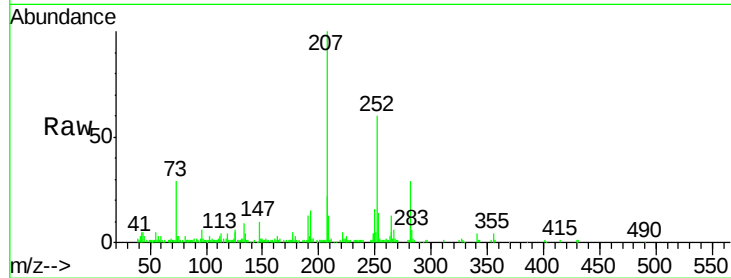
Acq: 06 Aug 2016 06:21

Instrument :

BNA_M

ClientSampleId :

BDJS2



Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.4
125	8.9	2.9	4.3

Manual Integrations
APPROVED

sohil
8/8/2016 7:02:39 PM

