

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080516\
 Data File : BM006931.D
 Acq On : 06 Aug 2016 09:58
 Operator : UM/SJ
 Sample : H4224-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 BDJL2

Manual Integrations
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 8/8/2016 7:02:58 PM

Quant Time: Aug 08 01:44:29 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	180839	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	766617	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	439771	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	974043	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	1069312	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	1084329	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	6089m	1.85	ng/uL	0.00
5) Phenol-d5	6.78	99	252142	18.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	180375	20.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	209988	19.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	167953	15.52	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	99963	19.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	117206	18.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	203405m	15.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	240525m	18.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	713431	19.69	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	864539	19.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	65856m	8.29	ng/ul	0.00
57) Fluorene-d10	15.22	176	623078	18.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	53473	8.41	ng/ul	0.00
70) Anthracene-d10	17.07	188	938742	20.07	ng/ul	0.00
76) Pyrene-d10	19.37	212	1096414	20.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	1076581	20.39	ng/ul	0.00

Target Compounds						Qvalue
44) Dimethylphthalate	13.68	163	300690	8.35	ng/ul	96
74) Fluoranthene	19.04	202	112629	1.64	ng/ul#	94
77) Pyrene	19.40	202	114600	1.63	ng/ul#	96
80) Benzo(a)anthracene	21.16	228	66396	1.02	ng/ul	96
82) Chrysene	21.22	228	63380m	1.11	ng/ul	
85) Benzo(b)fluoranthene	22.72	252	91987	1.35	ng/ul#	93

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

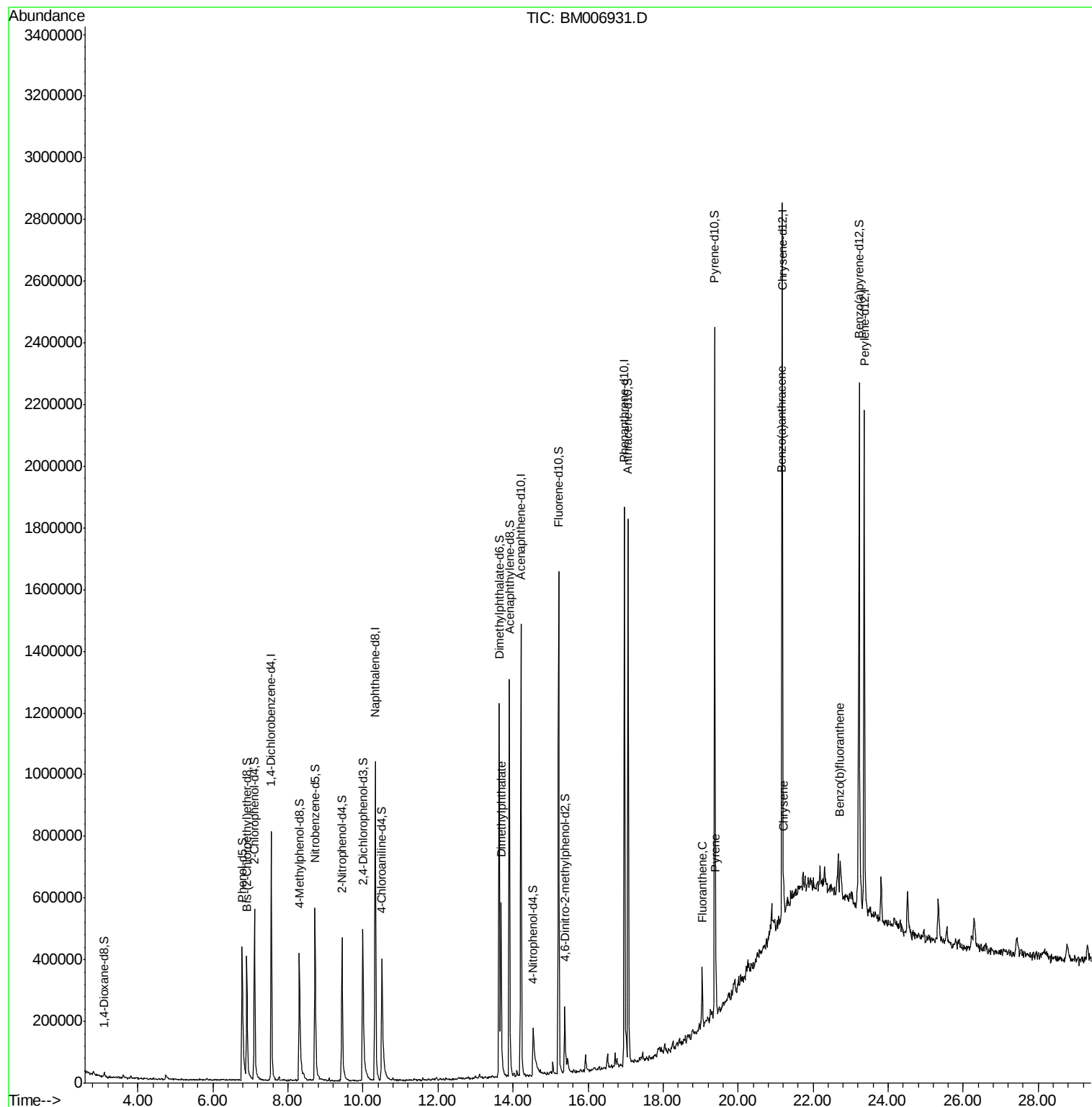
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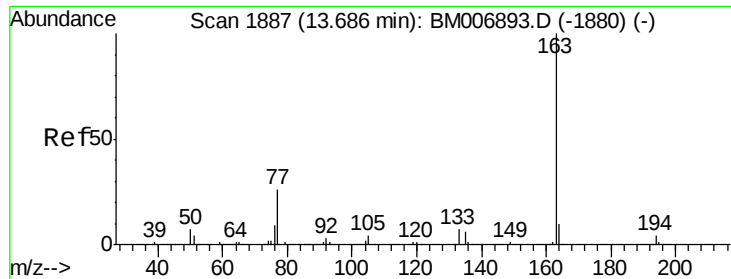
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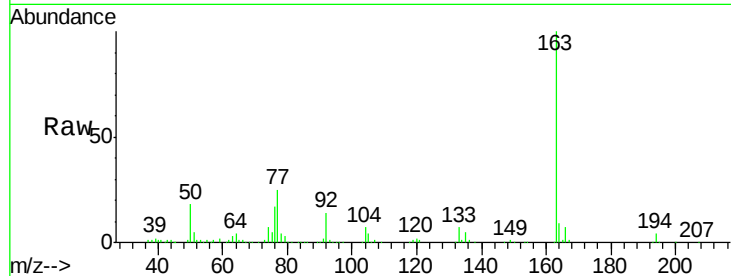
#44
Dimethylphthalate
Concen: 8.35 ng/ul
RT: 13.68 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BM006931.D
Acq: 06 Aug 2016 09:58

Instrument :
BNA_M
ClientSampled :
BDJL2

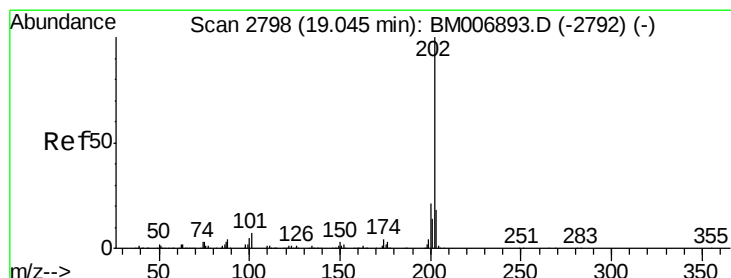
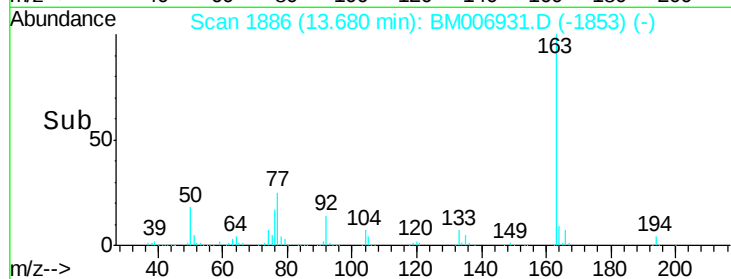
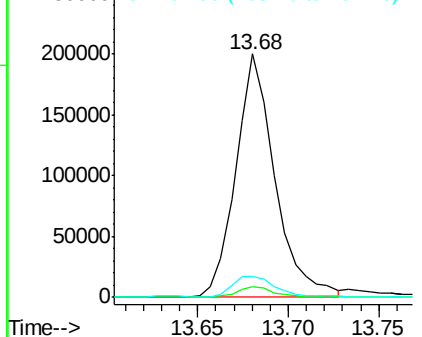
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	300690		
194	4.2	3.1	4.7	
164	8.8	8.6	12.8	

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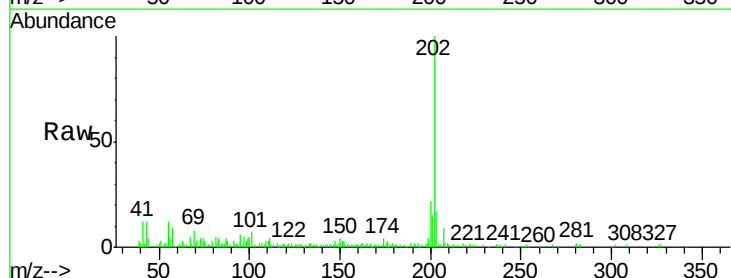


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

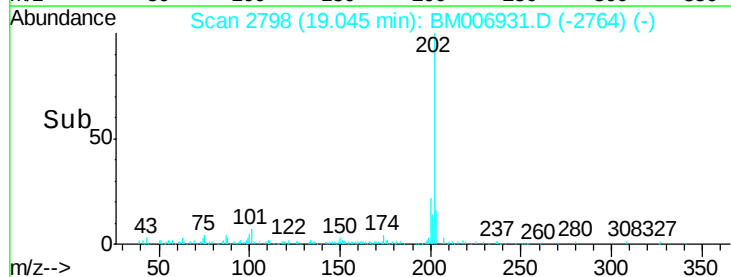
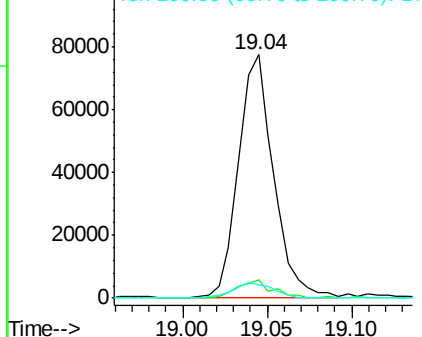


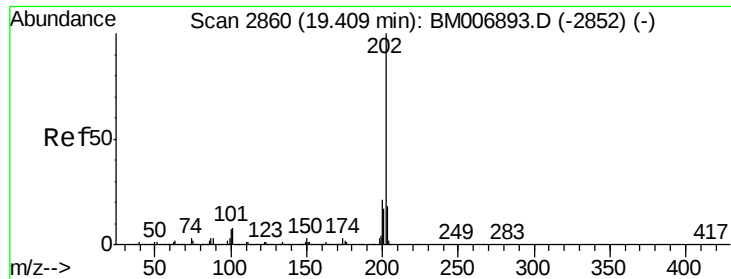
#74
Fluoranthene
Concen: 1.64 ng/ul
RT: 19.04 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BM006931.D
Acq: 06 Aug 2016 09:58

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	112629		
101	7.3	4.1	6.1#	
100	5.2	3.0	4.6#	



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): B





#77

Pyrene

Concen: 1.63 ng/ul

RT: 19.40 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM006931.D

Acq: 06 Aug 2016 09:58

Instrument :

BNA_M

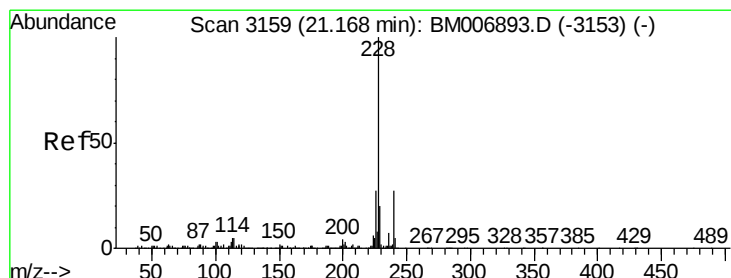
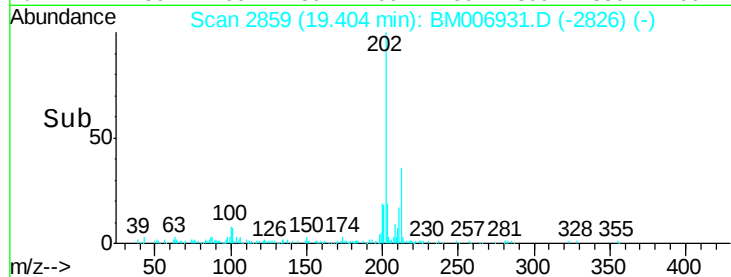
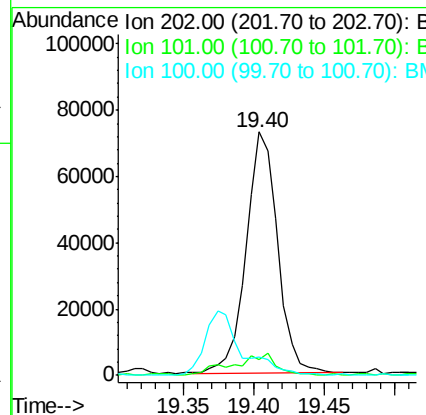
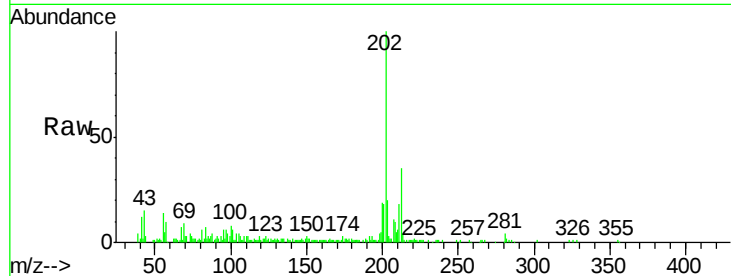
ClientSampled :

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Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	6.3	4.6	6.8
100	7.7	4.5	6.7

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#80

Benzo(a)anthracene

Concen: 1.02 ng/ul

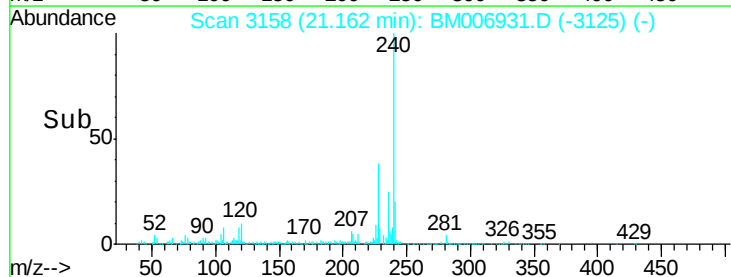
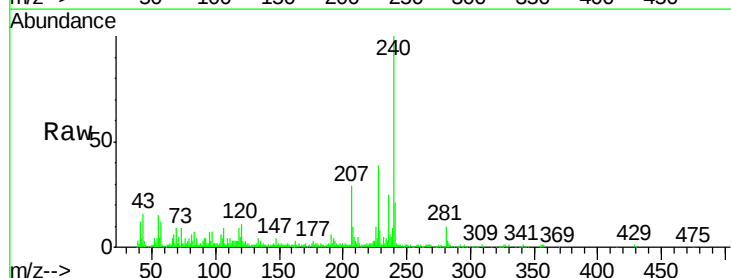
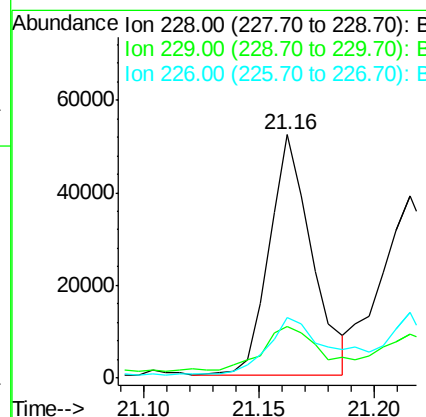
RT: 21.16 min Scan# 3158

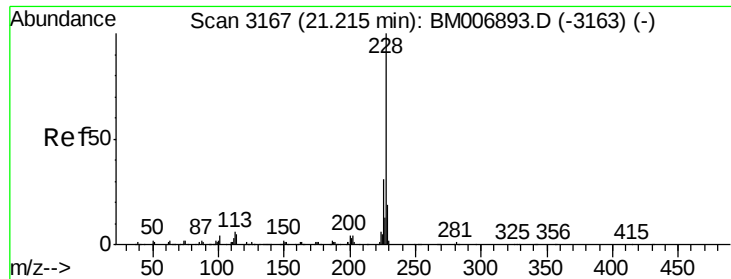
Delta R.T. -0.01 min

Lab File: BM006931.D

Acq: 06 Aug 2016 09:58

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.4	15.7	23.5
226	24.6	21.3	31.9





#82

Chrysene

Concen: 1.11 ng/ul m

RT: 21.22 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BM006931.D

Acq: 06 Aug 2016 09:58

Instrument :

BNA_M

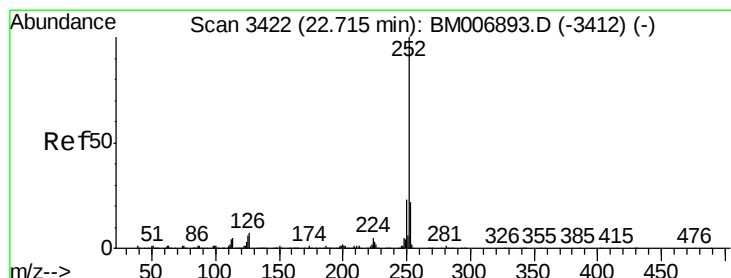
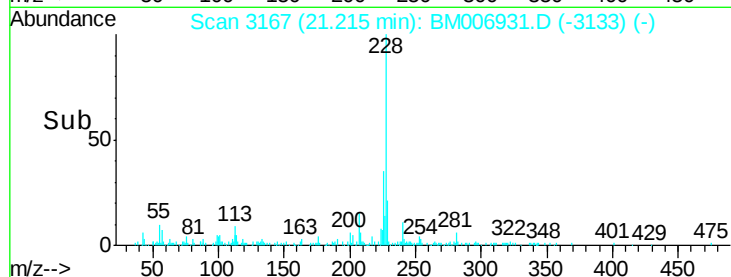
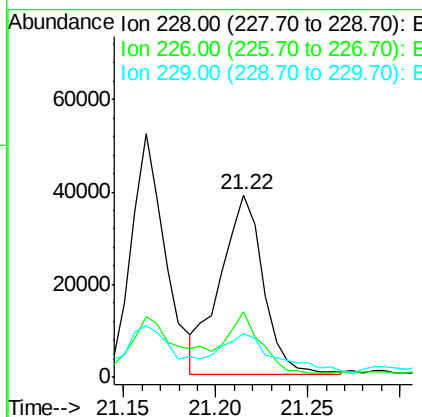
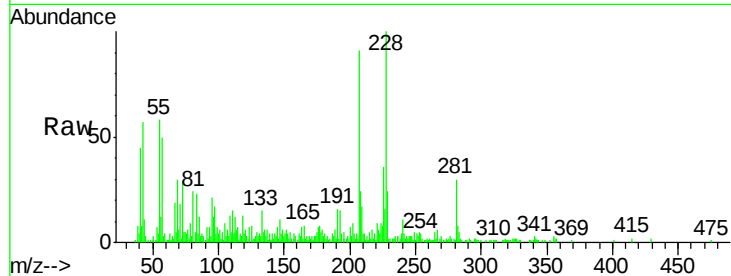
ClientSampleId :

BDJL2

Tgt Ion:	228	Resp:	63380
Ion Ratio	Lower	Upper	
228	100		
226	36.0	22.8	34.2#
229	23.8	15.4	23.2#

Manual Integrations
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#85

Benzo(b)fluoranthene

Concen: 1.35 ng/ul

RT: 22.72 min Scan# 3422

Delta R.T. 0.00 min

Lab File: BM006931.D

Acq: 06 Aug 2016 09:58

Tgt Ion:	252	Resp:	91987
Ion Ratio	Lower	Upper	
252	100		
253	24.2	18.1	27.1
125	13.2	2.9	4.3#

