

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080416\
 Data File : BM006883.D
 Acq On : 05 Aug 2016 03:01
 Operator : UM/SJ
 Sample : H4224-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJL2

Manual Integrations
 APPROVED

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Quant Time: Aug 05 05:22:58 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 05 02:18:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	265190	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	1142314	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	689133	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	1618586	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	1734738	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	1743537	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	8319	1.72	ng/uL	0.00
5) Phenol-d5	6.79	99	329164	16.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	243082	18.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	285595	18.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	214221	13.50	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	137274	17.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	153994	16.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	280413m	14.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	318245m	16.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	1052035	18.53	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	1250010	18.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	94698m	7.61	ng/ul	0.01
57) Fluorene-d10	15.22	176	937739	17.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	97254	9.21	ng/ul	0.00
70) Anthracene-d10	17.07	188	1428217	18.37	ng/ul	0.00
76) Pyrene-d10	19.38	212	1683343	18.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	1580017	18.61	ng/ul	0.00

Target Compounds						Ovalue
44) Dimethylphthalate	13.69	163	445200	7.89	ng/ul	98
74) Fluoranthene	19.05	202	175124	1.53	ng/ul#	97
77) Pyrene	19.41	202	180652	1.58	ng/ul#	94
85) Benzo(b)fluoranthene	22.72	252	125633	1.14	ng/ul#	95

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

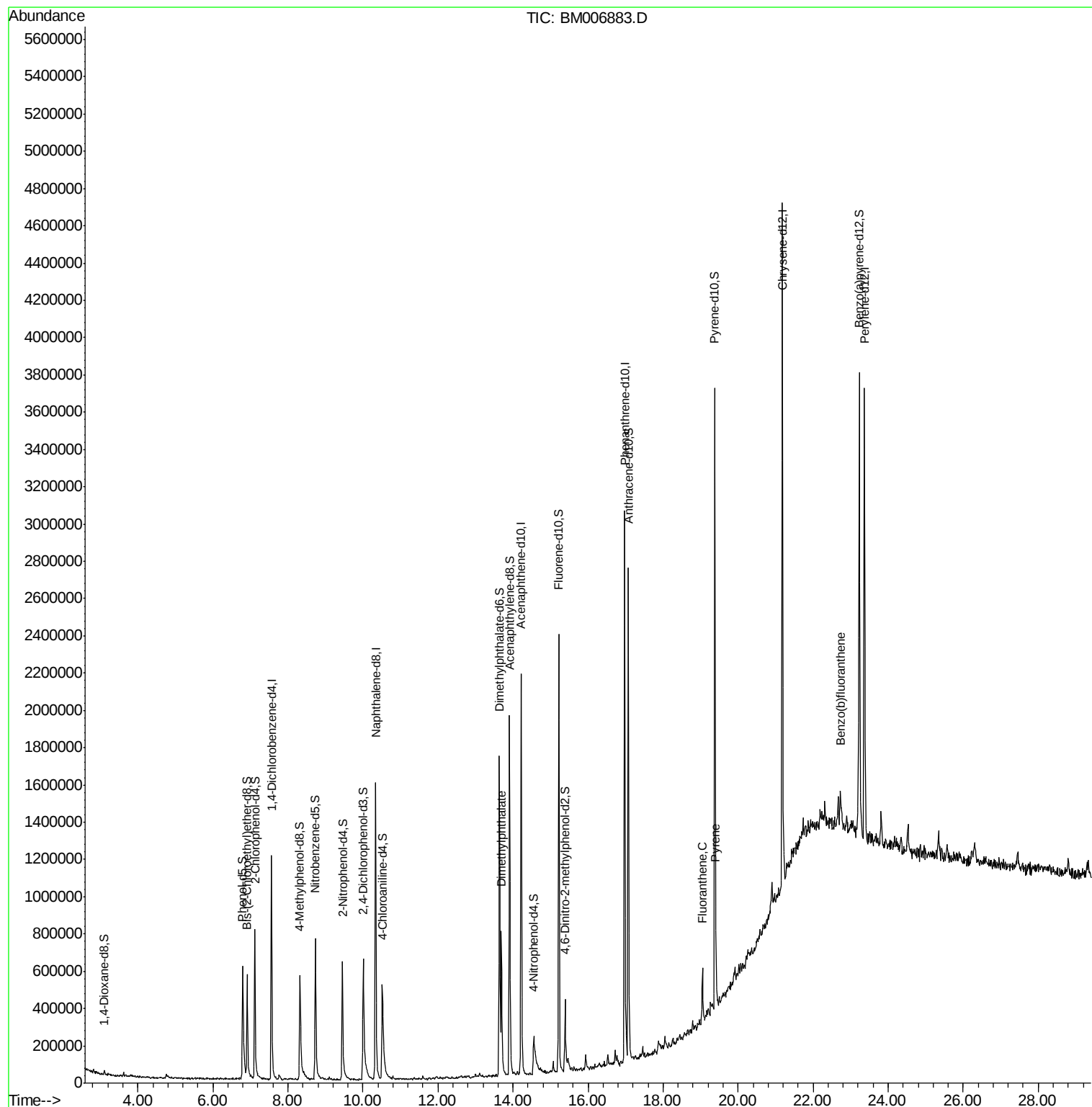
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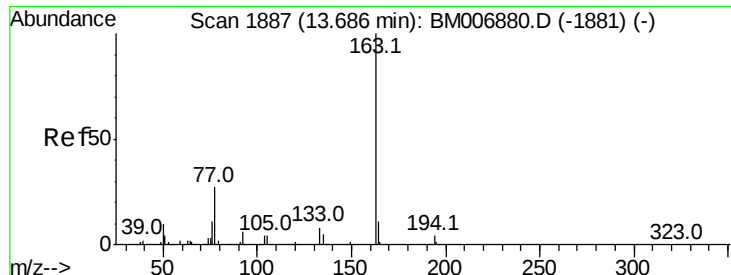
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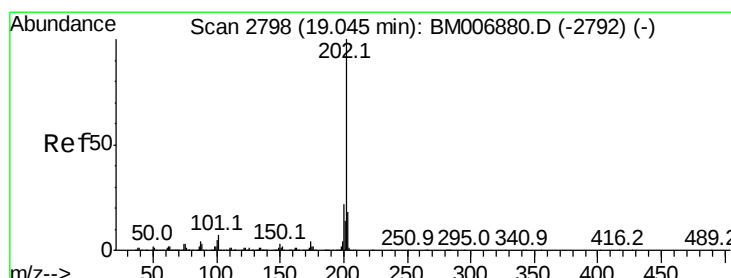
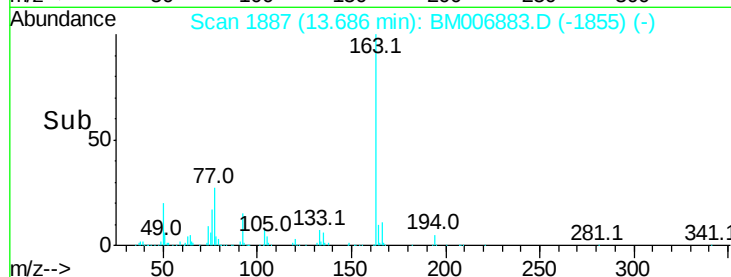
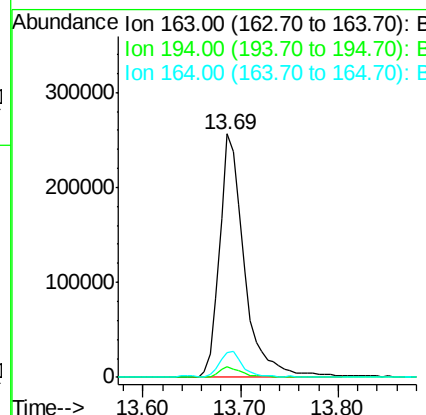
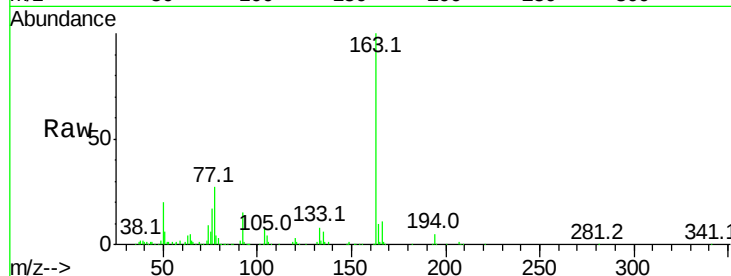
#44
Dimethylphthalate
Concen: 7.89 ng/ul
RT: 13.69 min Scan# 1887
Delta R.T. -0.01 min
Lab File: BM006883.D
Acq: 05 Aug 2016 03:01

Instrument :
BNA_M
ClientSampleId :
BDJL2

Tot Ion	Ratio	Resp	Lower	Upper
163	100	445200		
194	4.5		3.1	4.7
164	10.0		8.6	12.8

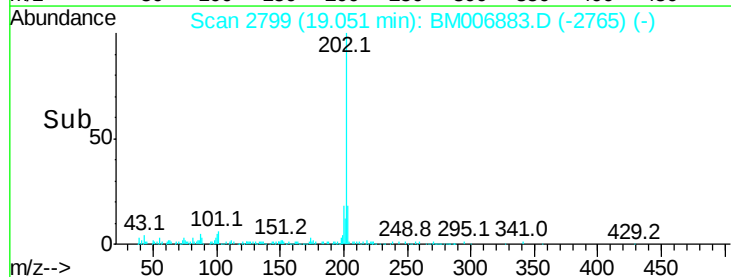
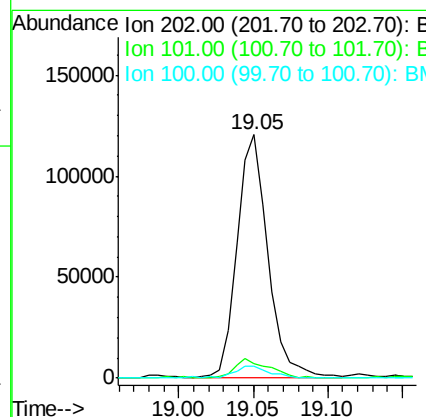
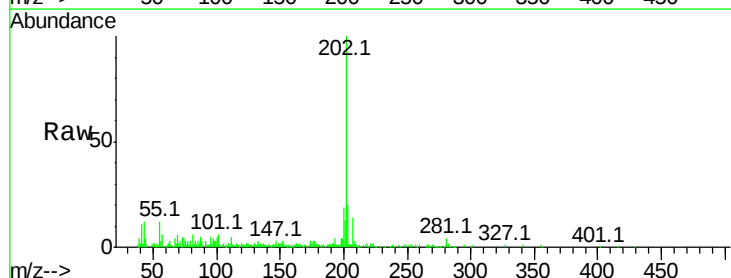
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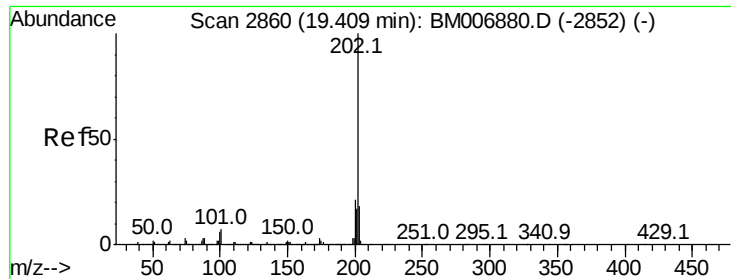
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#74
Fluoranthene
Concen: 1.53 ng/ul
RT: 19.05 min Scan# 2799
Delta R.T. -0.00 min
Lab File: BM006883.D
Acq: 05 Aug 2016 03:01

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	175124		
101	6.0		4.1	6.1
100	4.8		3.0	4.6





#77

Pvrene

Concen: 1.58 ng/ul

RT: 19.41 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BM006883.D

Acq: 05 Aug 2016 03:01

Instrument :

BNA_M

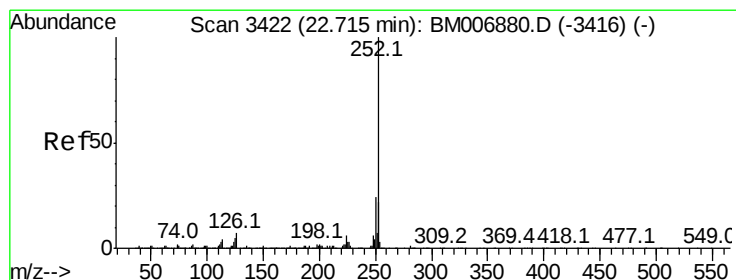
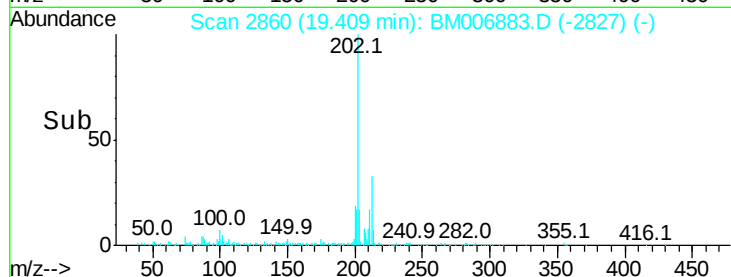
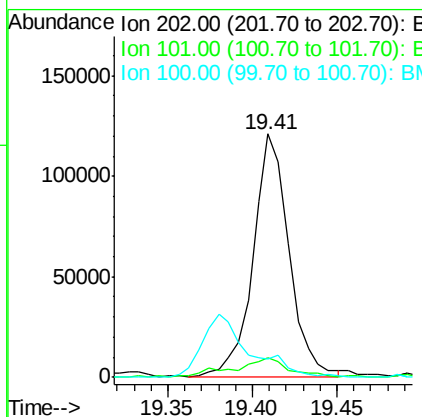
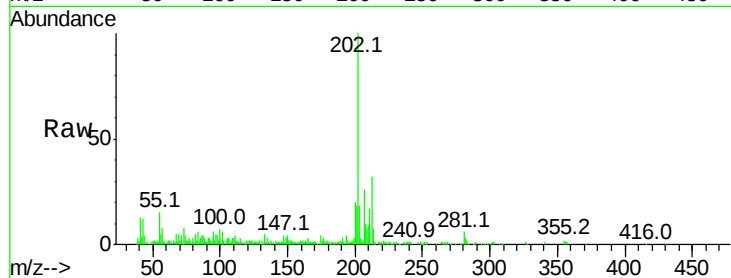
ClientSampleId :

BDJL2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.9	4.6	6.8#
100	7.3	4.5	6.7#

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#85

Benzo(b)fluoranthene

Concen: 1.14 ng/ul

RT: 22.72 min Scan# 3423

Delta R.T. -0.00 min

Lab File: BM006883.D

Acq: 05 Aug 2016 03:01

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.1	18.1	27.1
125	9.2	2.9	4.3#

