

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071516\
 Data File : BM006465.D
 Acq On : 16 Jul 2016 05:03
 Operator : UM/SJ
 Sample : H3992-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJ96

Manual Integrations
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Quant Time: Jul 16 05:44:53 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM071416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 15 23:20:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	143378	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	622965	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	369704	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	868491	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	1002600	20.00	ng/ul	-0.01
83) Perylene-d12	23.41	264	1084191	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	3818	1.12	ng/uL	0.00
5) Phenol-d5	6.80	99	154806	13.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	100034	14.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	122137	12.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	127962	13.71	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	60936	12.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	68665	12.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	125159	12.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	167141	15.88	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	478294	15.81	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	560658	14.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	74268	14.13	ng/ul	0.00
57) Fluorene-d10	15.26	176	428730	15.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	53759	10.70	ng/ul	0.00
70) Anthracene-d10	17.12	188	698595	17.02	ng/ul	0.00
76) Pyrene-d10	19.42	212	823804	18.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	898867	18.13	ng/ul	-0.01

Target Compounds

						Ovalue
44) Dimethylphthalate	13.73	163	499797	16.28	ng/ul	99
69) Phenanthrene	17.06	178	220093	4.61	ng/ul	99
71) Anthracene	17.15	178	87228	1.78	ng/ul	98
74) Fluoranthene	19.08	202	209778	3.78	ng/ul	99
77) Pyrene	19.44	202	279493	4.67	ng/ul	100
80) Benzo(a)anthracene	21.20	228	148856m	2.43	ng/ul	
82) Chrysene	21.25	228	153748	2.67	ng/ul	96
85) Benzo(b)fluoranthene	22.76	252	120161	1.85	ng/ul#	94
88) Benzo(a)pyrene	23.31	252	138325	2.23	ng/ul	98

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

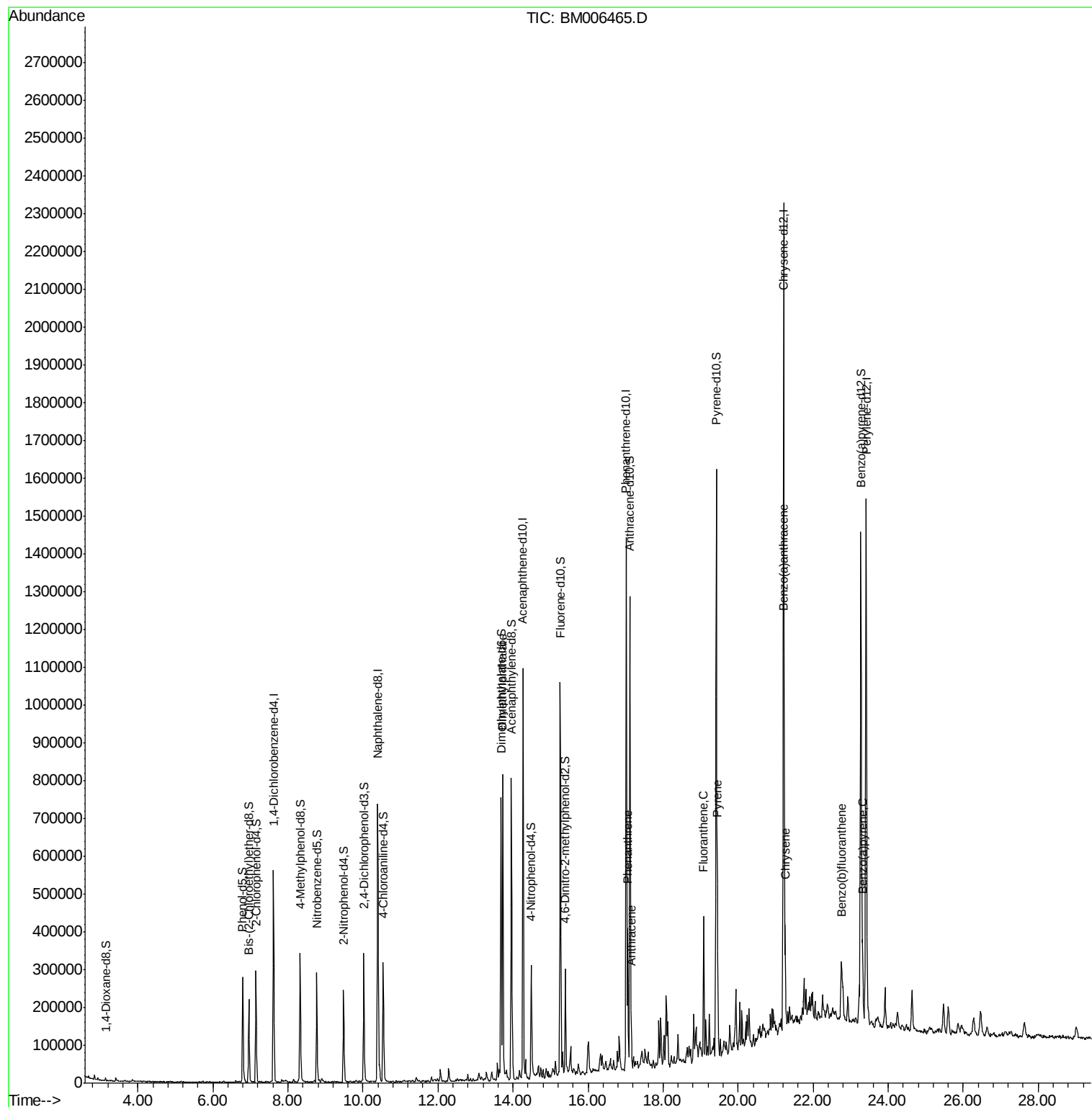
Data Path : Z:\HPCHEM1\BNA M\DATA\BM071516\
Data File : BM006465.D
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ALS Vial : 23 Sample Multiplier: 1

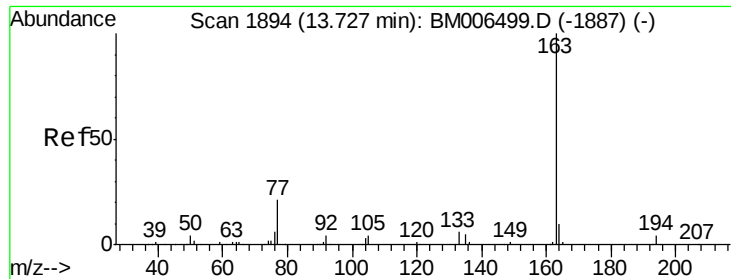
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 15 23:20:22 2016
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 16.28 ng/ul

RT: 13.73 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BM006465.D

Acq: 16 Jul 2016 05:03

Instrument :

BNA_M

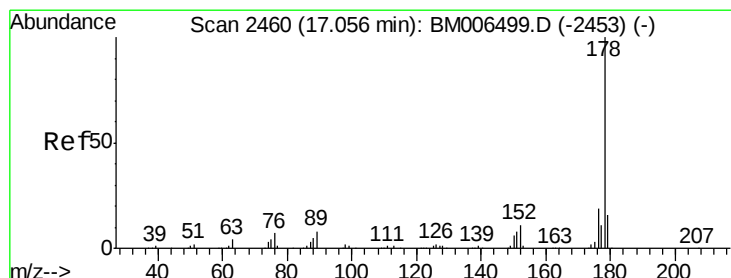
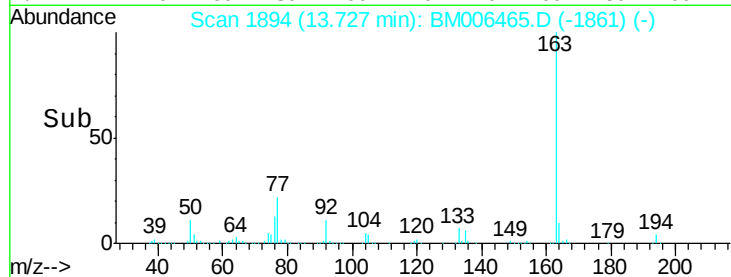
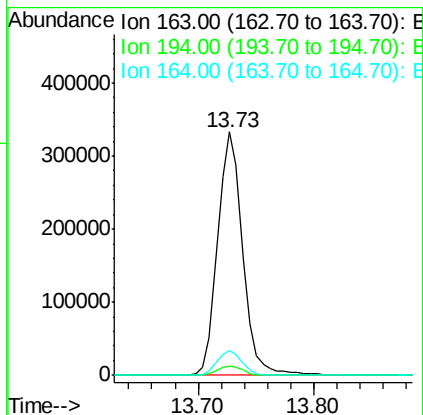
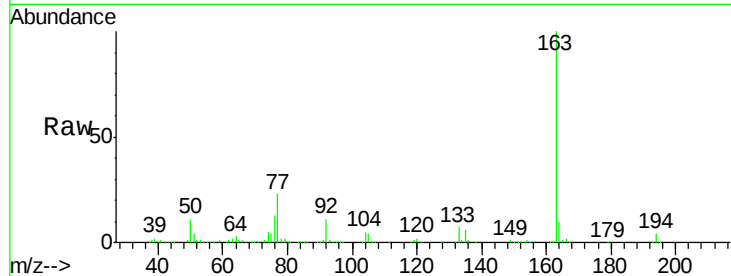
ClientSampled :

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Tot Ion:	163	Resp:	499797
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.4	5.0
164	10.0	7.8	11.8

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#69

Phenanthrene

Concen: 4.61 ng/ul

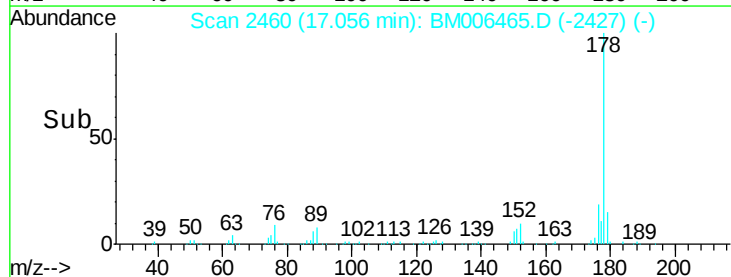
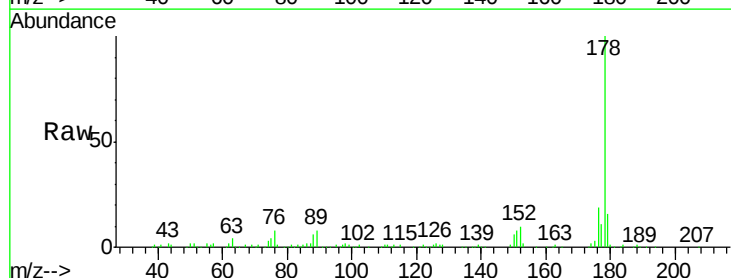
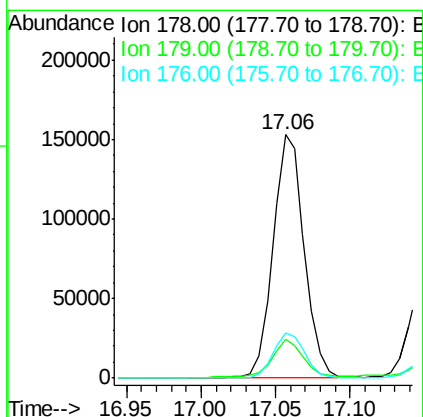
RT: 17.06 min Scan# 2460

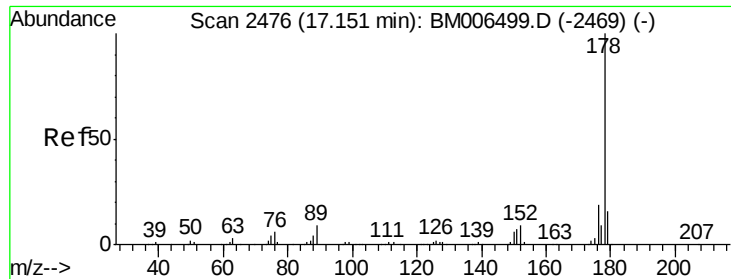
Delta R.T. -0.01 min

Lab File: BM006465.D

Acq: 16 Jul 2016 05:03

Tgt Ion:	178	Resp:	220093
Ion Ratio	Lower	Upper	
178	100		
179	15.8	11.9	17.9
176	18.8	15.2	22.8





#71

Anthracene

Concen: 1.78 ng/ul

RT: 17.15 min Scan# 2476

Delta R.T. -0.01 min

Lab File: BM006465.D

Acq: 16 Jul 2016 05:03

Instrument :

BNA_M

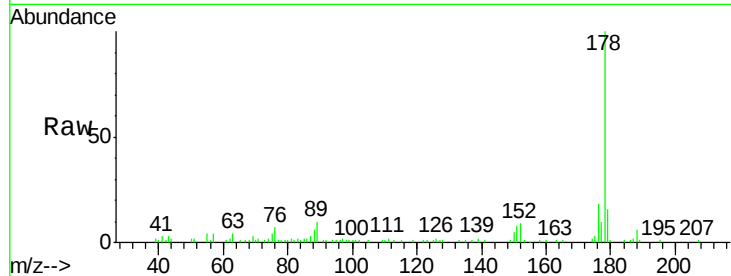
ClientSampleId :

BDJ96

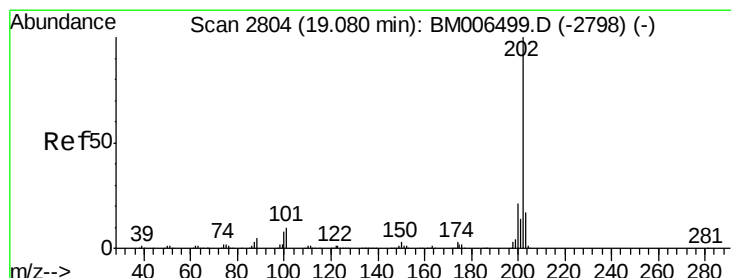
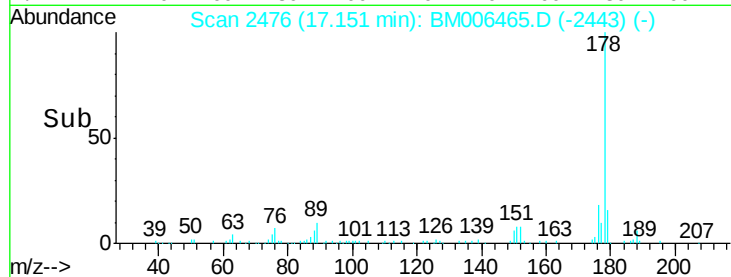
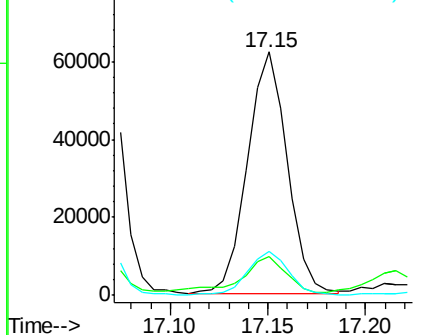
Tot Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.0	18.0
176	17.8	15.0	22.6

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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



#74

Fluoranthene

Concen: 3.78 ng/ul

RT: 19.08 min Scan# 2804

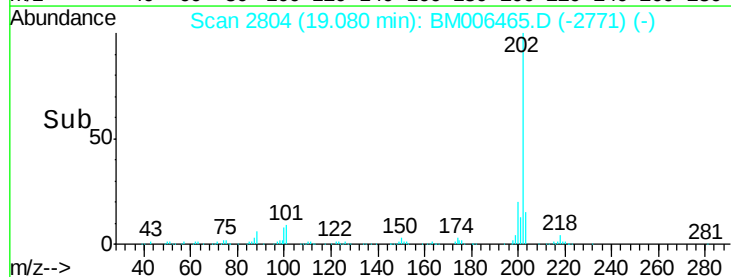
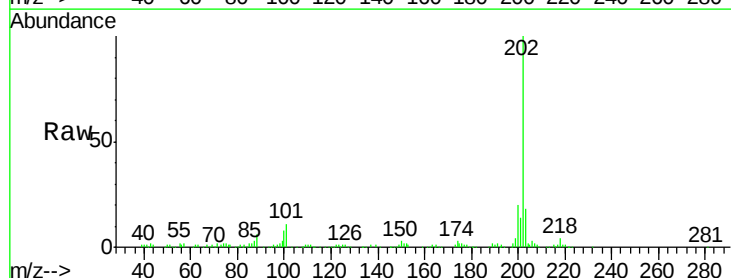
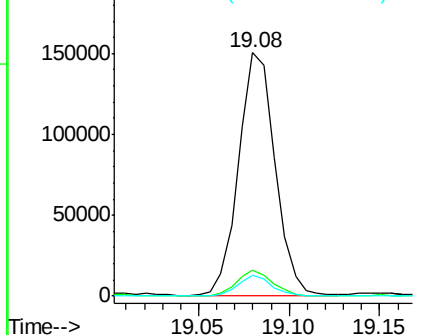
Delta R.T. -0.01 min

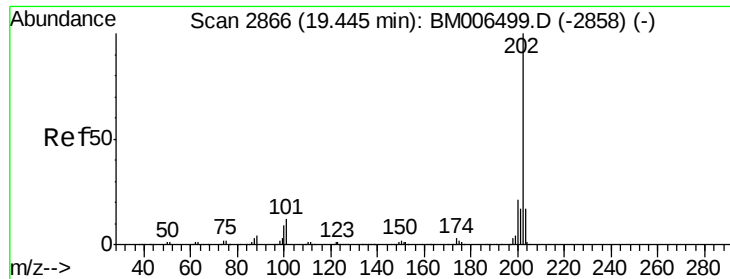
Lab File: BM006465.D

Acq: 16 Jul 2016 05:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.6	12.8
100	8.5	6.4	9.6

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





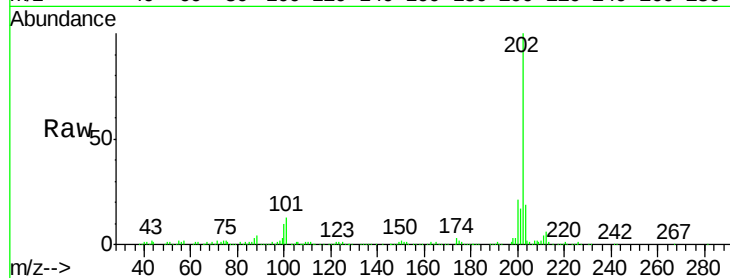
#77
Pvrene
Concen: 4.67 ng/ul
RT: 19.44 min Scan# 2866
Delta R.T. -0.01 min
Lab File: BM006465.D
Acq: 16 Jul 2016 05:03

Instrument :
BNA_M
ClientSampled :
BDJ96

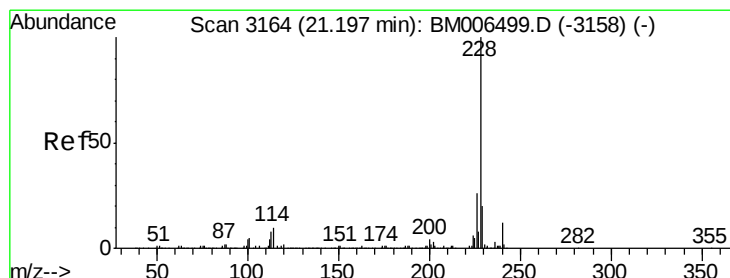
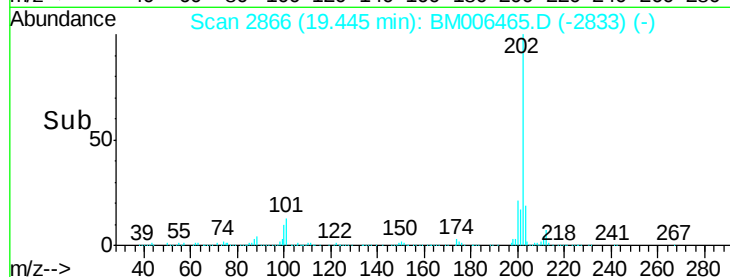
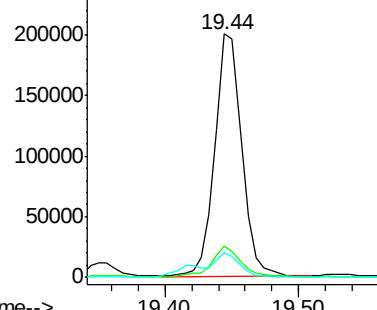
Tot Ion	Ratio	Resp	Lower	Upper
202	100	279493		
101	12.6	10.0	15.0	
100	9.9	7.9	11.9	

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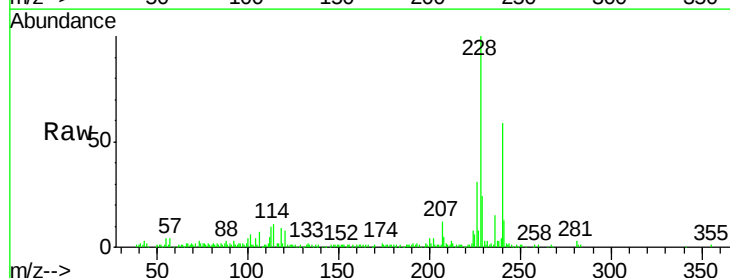


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

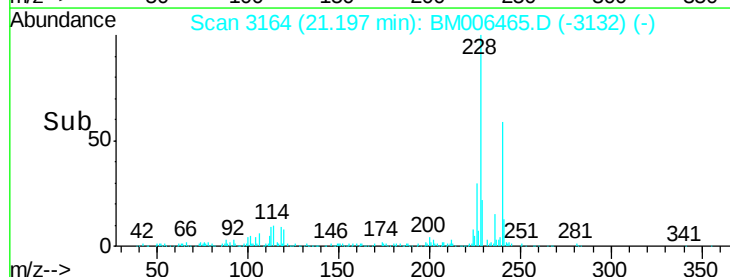
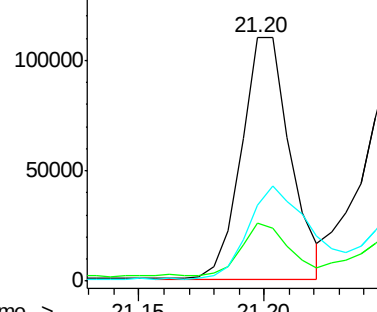


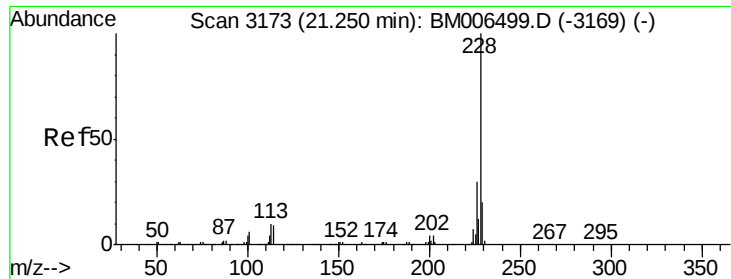
#80
Benzo(a)anthracene
Concen: 2.43 ng/ul m
RT: 21.20 min Scan# 3164
Delta R.T. -0.01 min
Lab File: BM006465.D
Acq: 16 Jul 2016 05:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	148856		
229	24.0	15.6	23.4#	
226	31.2	21.4	32.2	



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 2.67 ng/ul

RT: 21.25 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BM006465.D

Acq: 16 Jul 2016 05:03

Instrument :

BNA_M

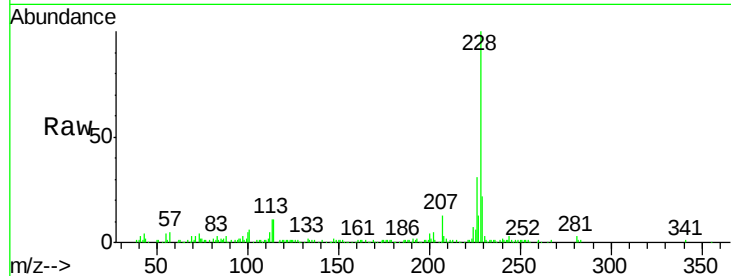
ClientSampled :

BDJ96

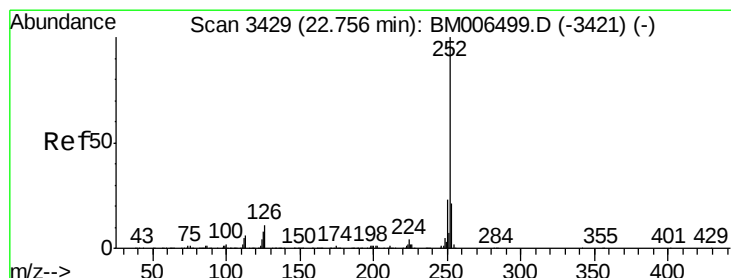
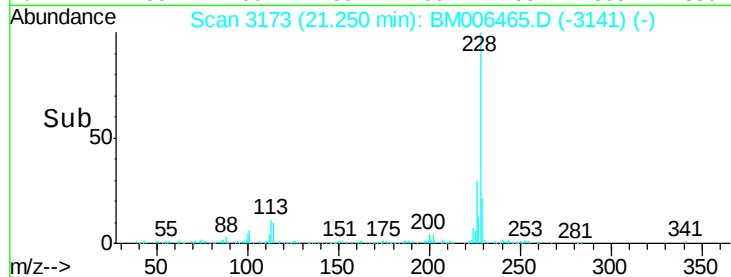
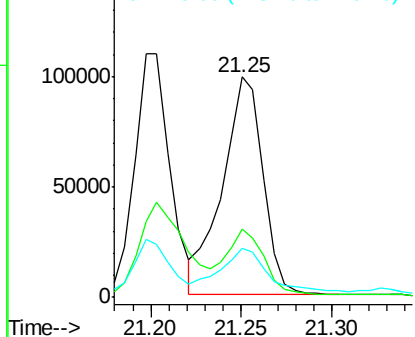
Tot Ion:	228	Resp:	153748
Ion Ratio	Lower	Upper	
228	100		
226	30.8	23.3	34.9
229	22.3	15.8	23.8

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 1.85 ng/ul

RT: 22.76 min Scan# 3429

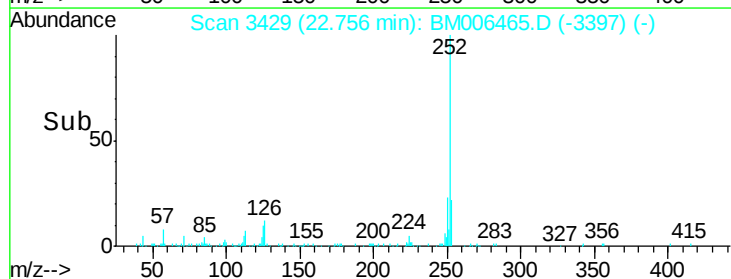
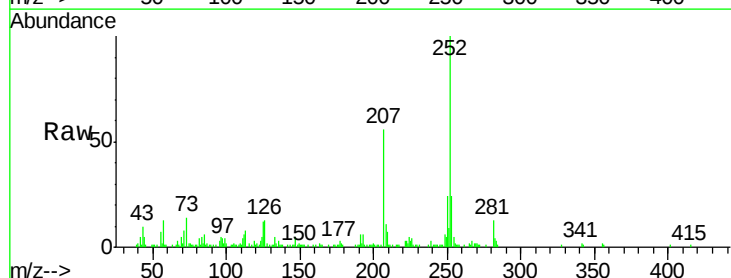
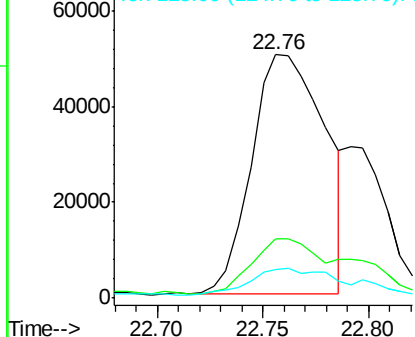
Delta R.T. -0.01 min

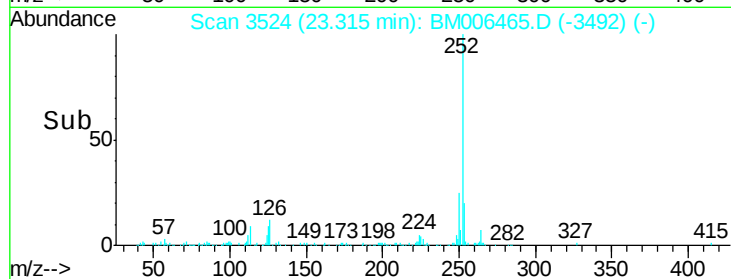
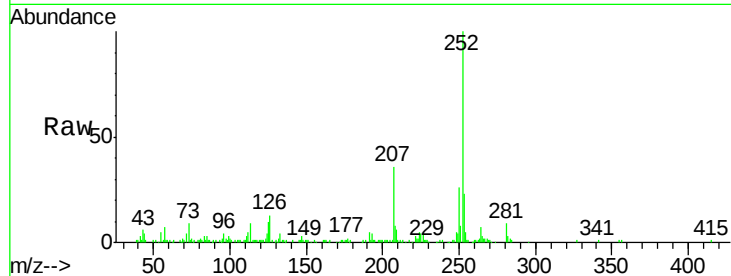
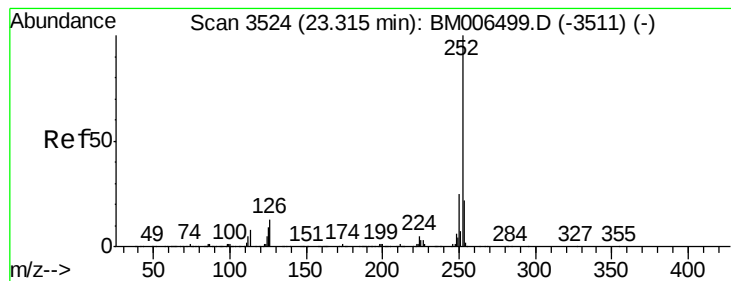
Lab File: BM006465.D

Acq: 16 Jul 2016 05:03

Tgt Ion:	252	Resp:	120161
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.4	26.2
125	11.5	6.7	10.1#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 2.23 ng/ul

RT: 23.31 min Scan# 3524

Delta R.T. -0.01 min

Lab File: BM006465.D

Acq: 16 Jul 2016 05:03

Instrument :

BNA_M

ClientSampleId :

BDJ96

Tot Ion:	252	Resp:	138325
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.4	26.2
125	10.2	7.6	11.4

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