

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022616\
 Data File : BM004433.D
 Acq On : 26 Feb 2016 18:52
 Operator : SJ/UM
 Sample : H1564-13MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9R26MS

Manual Integrations
 APPROVED

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 2/29/2016 2:50:34 PM

Quant Time: Feb 27 00:36:44 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 26 23:20:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	22761	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	98504	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	54609	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	113971	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	119992	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	119611	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.81	99	5869	3.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	2870	2.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	5927	3.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	3539	2.08	ng/ul	0.01
19) Nitrobenzene-d5	8.79	128	1671	2.23	ng/ul	0.01
22) 2-Nitrophenol-d4	9.50	143	1618	1.89	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.06	165	3387m	2.19	ng/ul	0.03
29) 4-Chloroaniline-d4	10.57	131	3176m	1.65	ng/ul	0.03
44) Dimethylphthalate-d6	13.69	166	15793	3.37	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	17611	3.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	2317	3.08	ng/ul	0.02
58) Fluorene-d10	15.28	176	16179	4.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.13	188	32529	5.82	ng/ul	0.00
79) Pyrene-d10	19.44	212	76023	13.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	104944	16.72	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	6.84	94	5624	2.76	ng/ul	95
10) 2-Chlorophenol	7.19	128	5335	3.12	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.42	70	2147	1.67	ng/ul#	90
33) 4-Chloro-3-methylphenol	11.74	107	2725	1.43	ng/ul	92
45) Dimethylphthalate	13.74	163	5198	1.06	ng/ul#	95
50) Acenaphthene	14.34	153	12431	3.05	ng/ul	98
53) 4-Nitrophenol	14.56	109	1261	2.24	ng/ul	93
55) 2,4-Dinitrotoluene	14.68	165	3425	2.34	ng/ul#	94
69) Pentachlorophenol	16.70	266	1358	2.49	ng/ul	97
77) Fluoranthene	19.10	202	17685	2.28	ng/ul	99
80) Pyrene	19.47	202	105377	13.44	ng/ul	100
83) Benzo(a)anthracene	21.23	228	7729	1.00	ng/ul	94
85) Chrysene	21.28	228	9643	1.30	ng/ul	98
88) Benzo(b)fluoranthene	22.80	252	12465	1.54	ng/ul#	94
91) Benzo(a)pyrene	23.37	252	8565	1.14	ng/ul	97

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

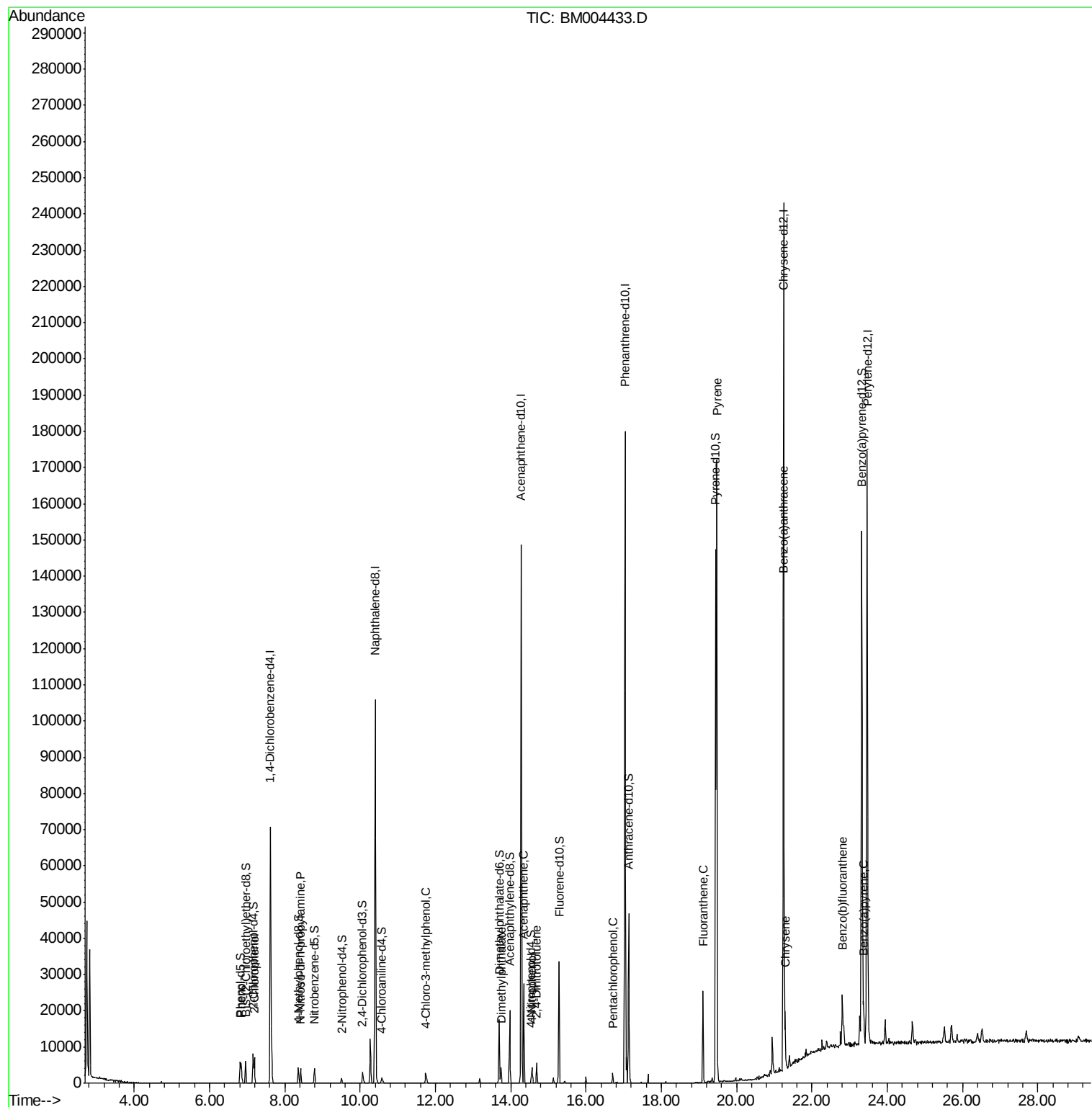
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022616\
Data File : BM004433.D
Acq On : 26 Feb 2016 18:52
Operator : SJ/UM
Sample : H1564-13MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

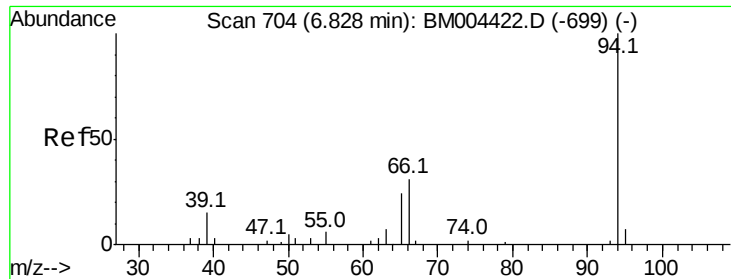
Instrument :
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D9R26MS

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Quant Time: Feb 27 00:36:44 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 26 23:20:20 2016
Response via : Initial Calibration





#6

Phenol

Concen: 2.76 ng/ul

RT: 6.84 min Scan# 706

Delta R.T. 0.01 min

Lab File: BM004433.D

Acq: 26 Feb 2016 18:52

Instrument :

BNA_M

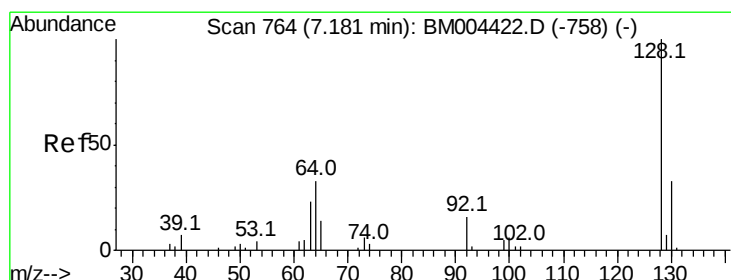
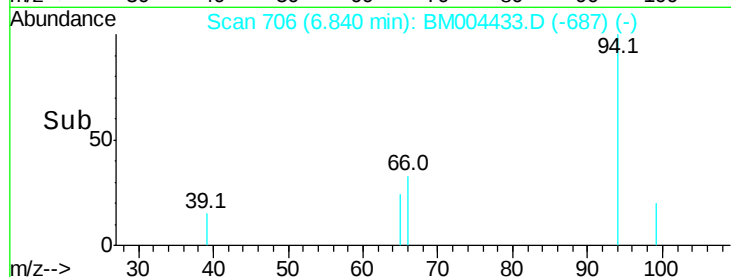
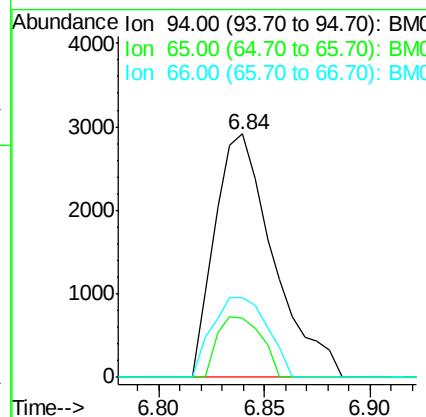
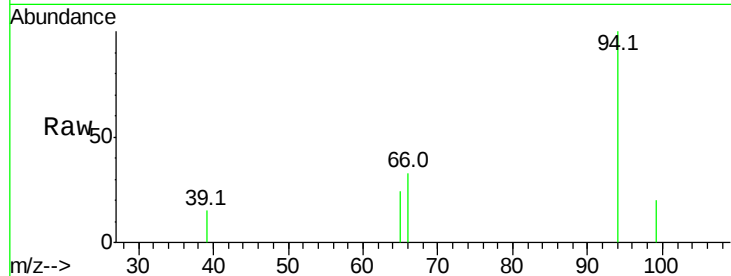
ClientSampleId :

D9R26MS

Tot Ion:	94	Resp:	5624
Ion	Ratio	Lower	Upper
94	100		
65	24.1	21.0	31.6
66	32.9	29.3	43.9

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#10

2-Chlorophenol

Concen: 3.12 ng/ul

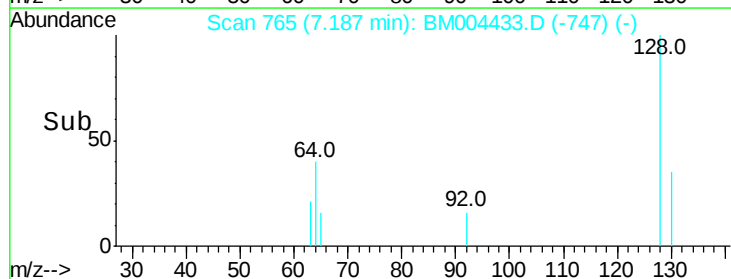
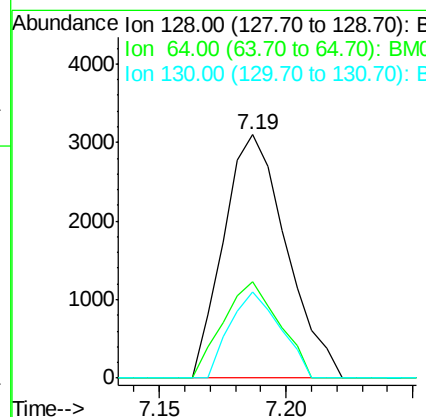
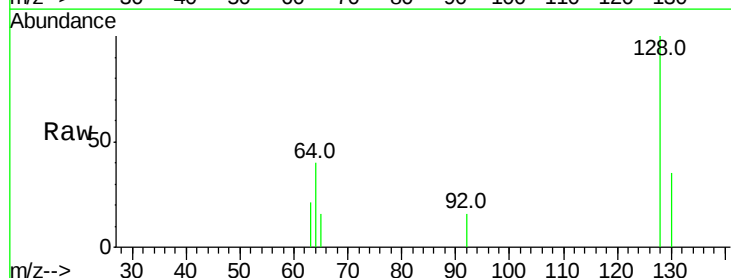
RT: 7.19 min Scan# 765

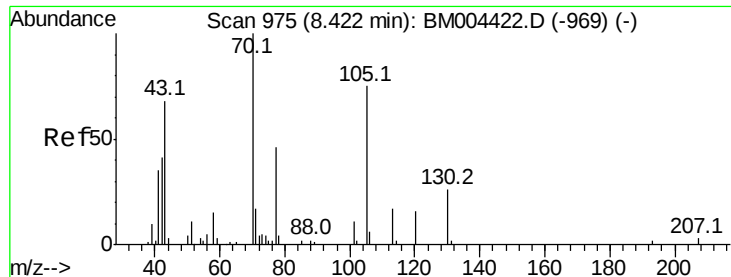
Delta R.T. 0.01 min

Lab File: BM004433.D

Acq: 26 Feb 2016 18:52

Tgt Ion:	128	Resp:	5335
Ion	Ratio	Lower	Upper
128	100		
64	39.8	31.9	47.9
130	35.4	25.6	38.4





#15

N-Nitroso-di-n-propylamine

Concen: 1.67 ng/ul

RT: 8.42 min Scan# 975

Delta R.T. 0.00 min

Lab File: BM004433.D

Acq: 26 Feb 2016 18:52

Instrument :

BNA_M

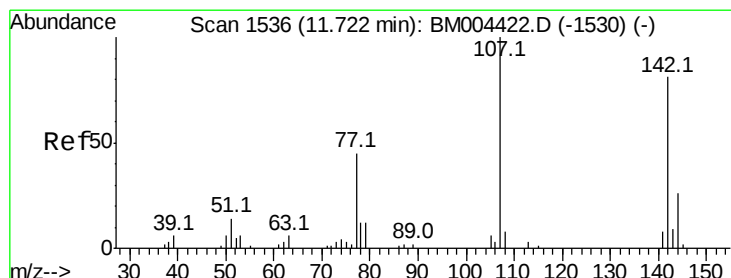
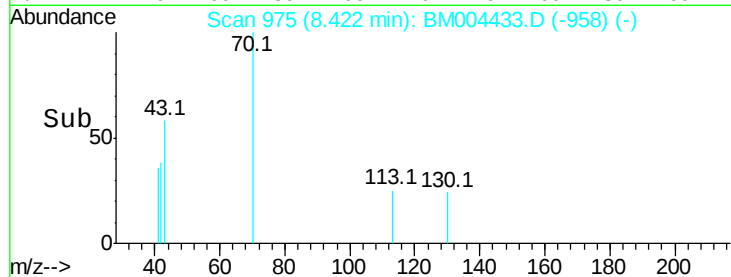
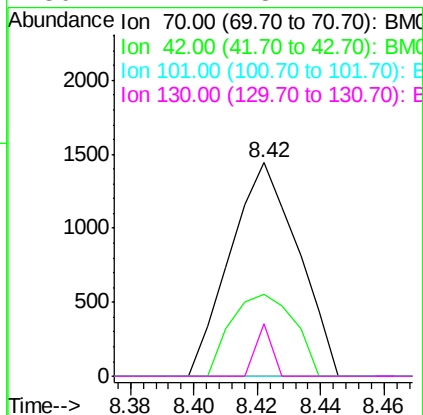
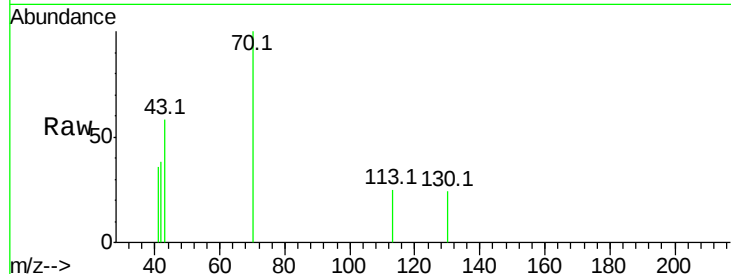
ClientSampleId :

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Tot Ion:	70	Resp:	2147
Ion Ratio	Lower	Upper	
70	100		
42	38.2	35.4	53.0
101	0.0	8.4	12.6
130	24.4	18.2	27.4

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#33

4-Chloro-3-methylphenol

Concen: 1.43 ng/ul

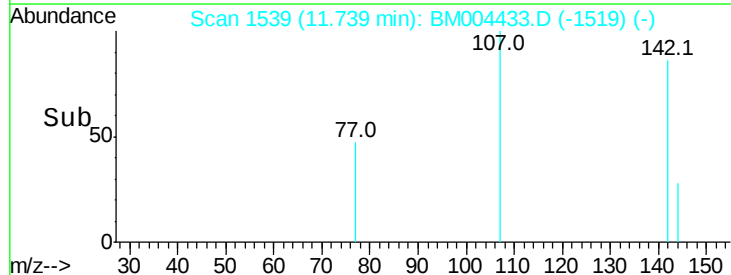
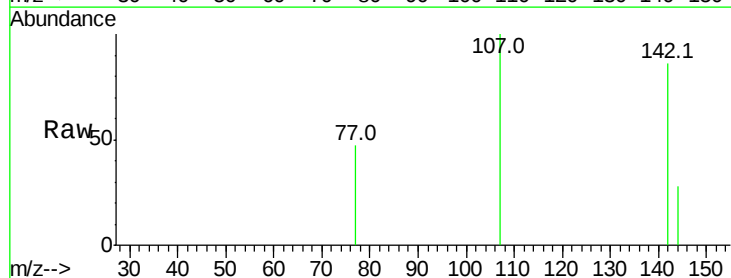
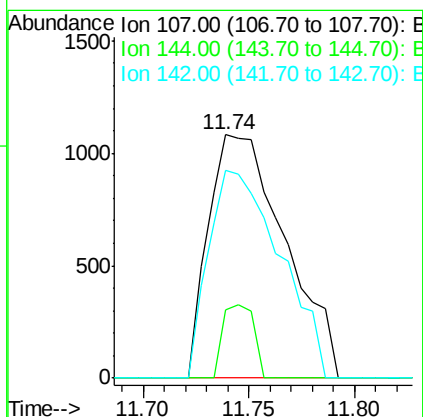
RT: 11.74 min Scan# 1539

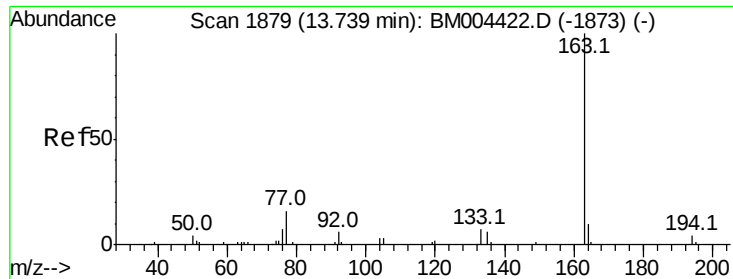
Delta R.T. 0.02 min

Lab File: BM004433.D

Acq: 26 Feb 2016 18:52

Tgt Ion:	107	Resp:	2725
Ion Ratio	Lower	Upper	
107	100		
144	28.2	20.4	30.6
142	85.6	62.5	93.7





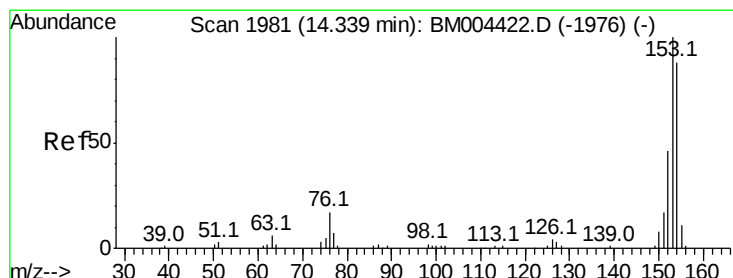
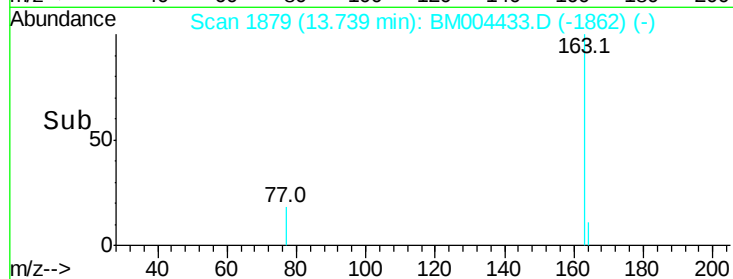
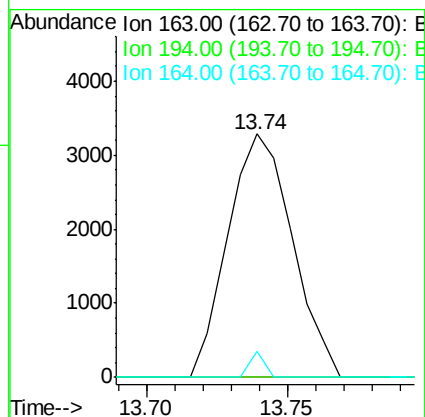
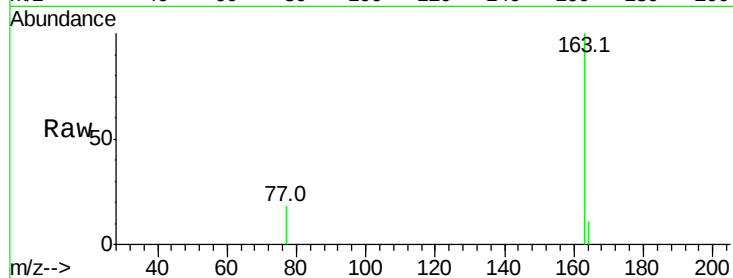
#45
Dimethylphthalate
Concen: 1.06 ng/ul
RT: 13.74 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BM004433.D
Acq: 26 Feb 2016 18:52

Instrument :
BNA_M
ClientSampleId :
D9R26MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.2	4.8#
164	10.6	7.8	11.8

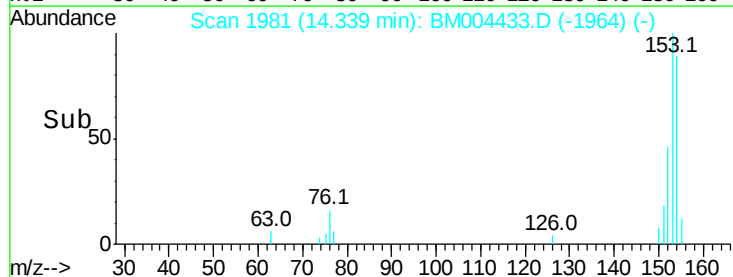
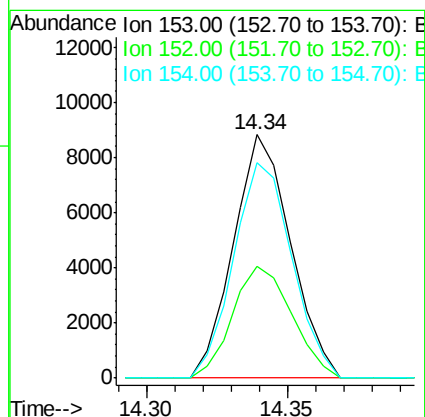
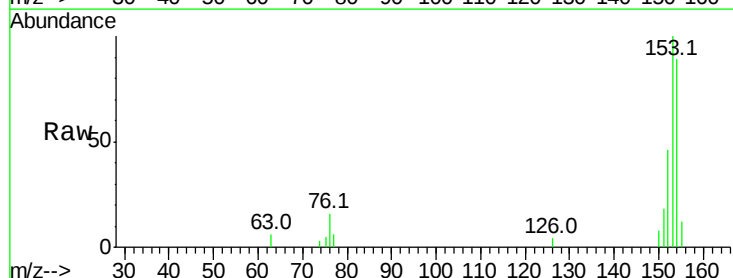
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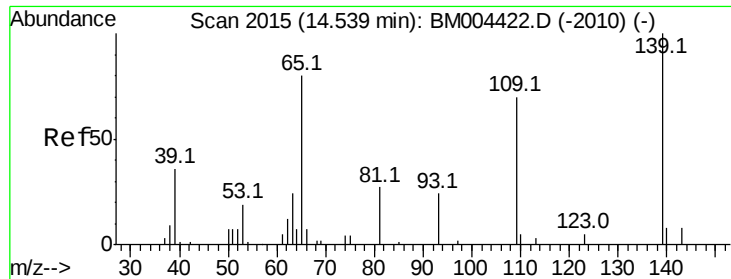
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#50
Acenaphthene
Concen: 3.05 ng/ul
RT: 14.34 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BM004433.D
Acq: 26 Feb 2016 18:52

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.7	38.3	57.5
154	88.6	71.8	107.8





#53

4-Nitrophenol

Concen: 2.24 ng/ul

RT: 14.56 min Scan# 2018

Delta R.T. 0.02 min

Lab File: BM004433.D

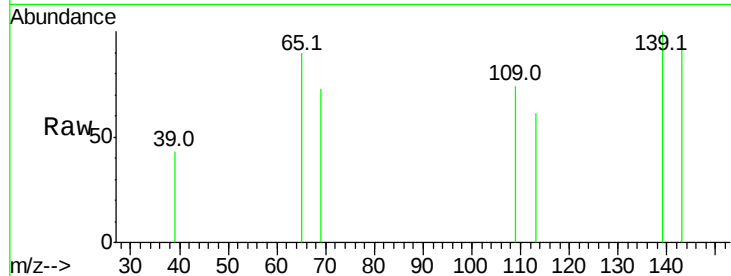
Acq: 26 Feb 2016 18:52

Instrument :

BNA_M

ClientSampleId :

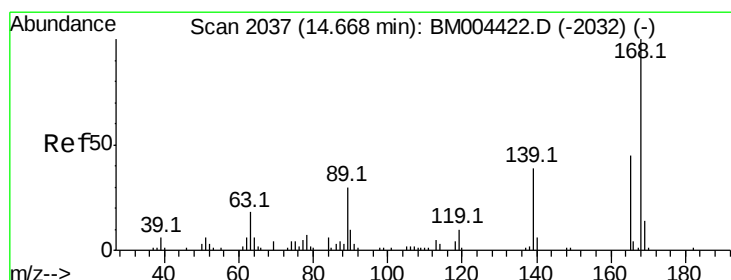
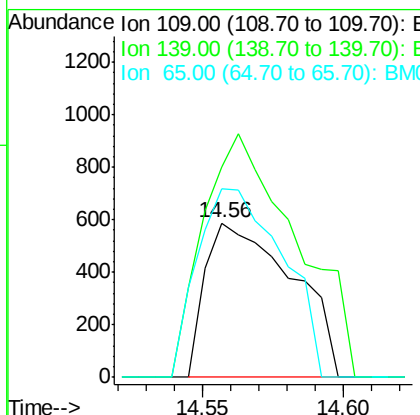
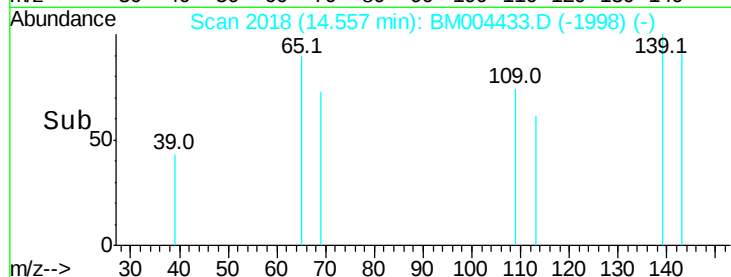
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Tot Ion:	109	Resp:	1261
Ion Ratio	Lower	Upper	
109	100		
139	136.1	103.7	155.5
65	122.1	89.4	134.2

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#55

2,4-Dinitrotoluene

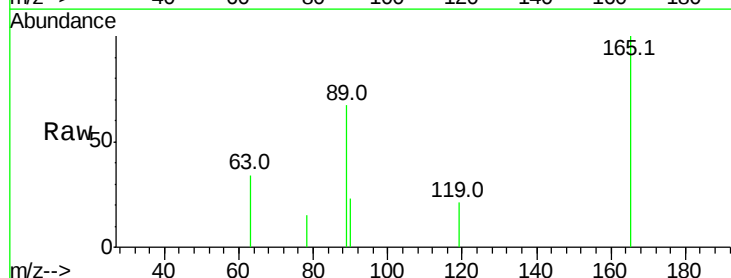
Concen: 2.34 ng/ul

RT: 14.68 min Scan# 2039

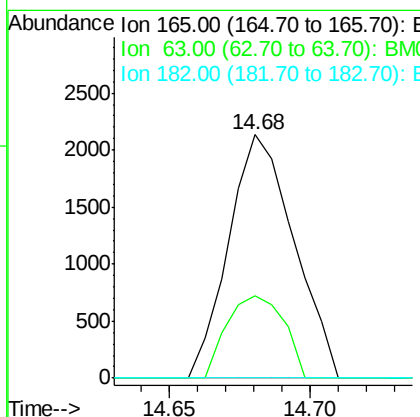
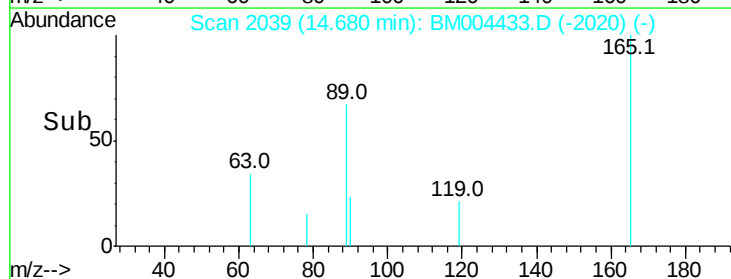
Delta R.T. 0.01 min

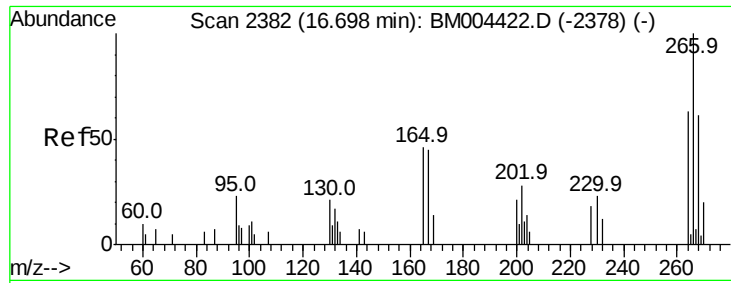
Lab File: BM004433.D

Acq: 26 Feb 2016 18:52



Tgt Ion:	165	Resp:	3425
Ion Ratio	Lower	Upper	
165	100		
63	33.9	29.8	44.6
182	0.0	2.2	3.4#





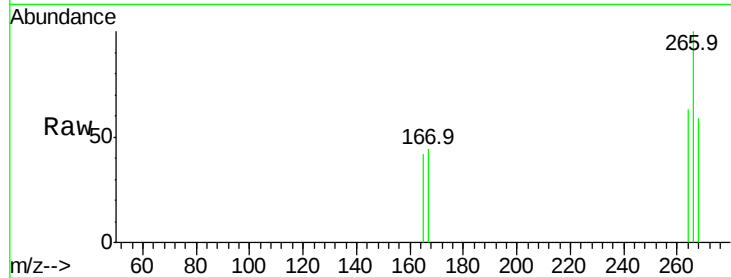
#69
 Pentachlorophenol
 Concen: 2.49 ng/ul
 RT: 16.70 min Scan# 2383
 Delta R.T. 0.01 min
 Lab File: BM004433.D
 Acq: 26 Feb 2016 18:52

Instrument :
 BNA_M
 ClientSampleId :
 D9R26MS

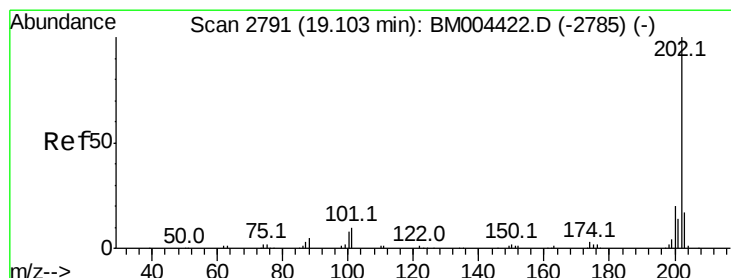
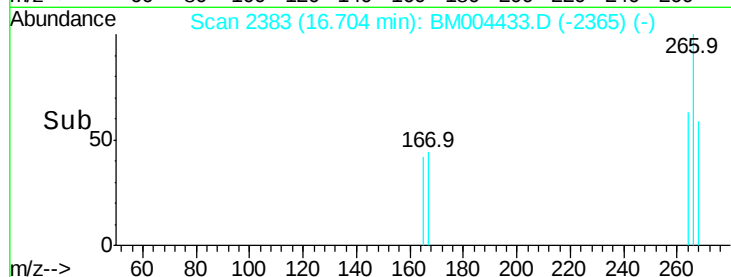
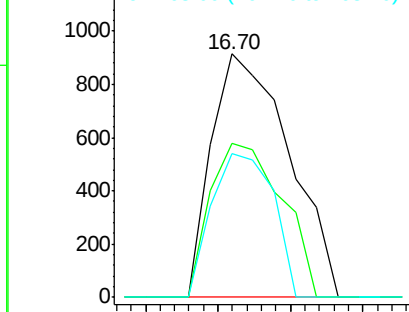
Tot Ion	Ratio	Lower	Upper
266	100		
264	63.5	50.5	75.7
268	59.1	50.9	76.3

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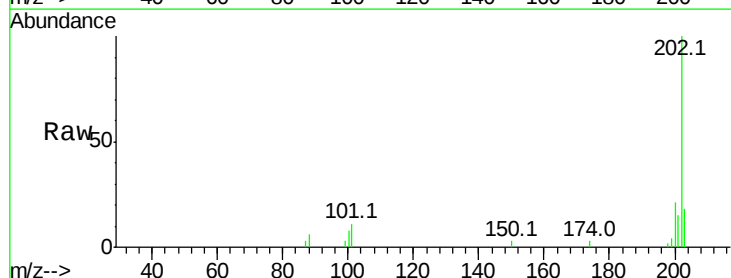


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

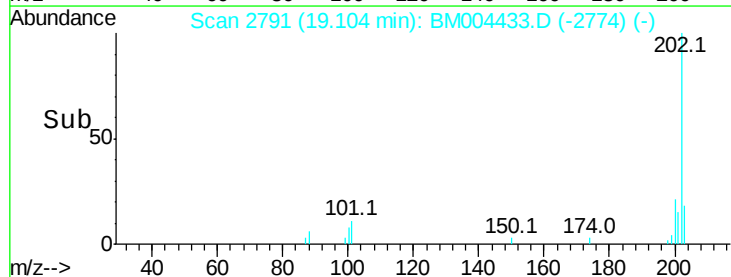
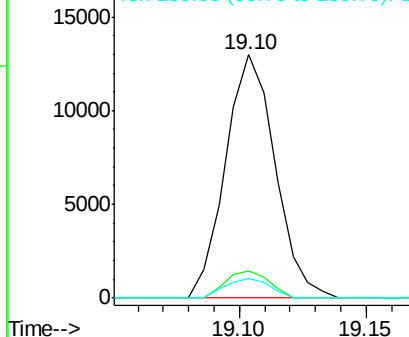


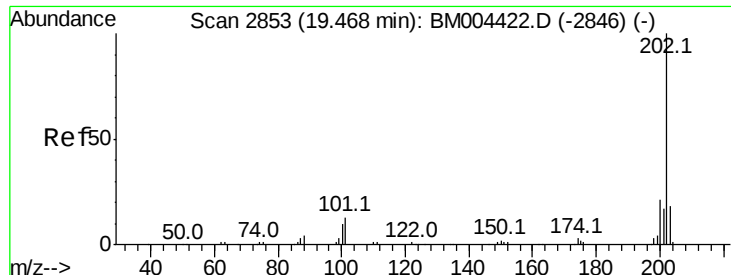
#77
 Fluoranthene
 Concen: 2.28 ng/ul
 RT: 19.10 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: BM004433.D
 Acq: 26 Feb 2016 18:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.8	13.2
100	8.2	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): B





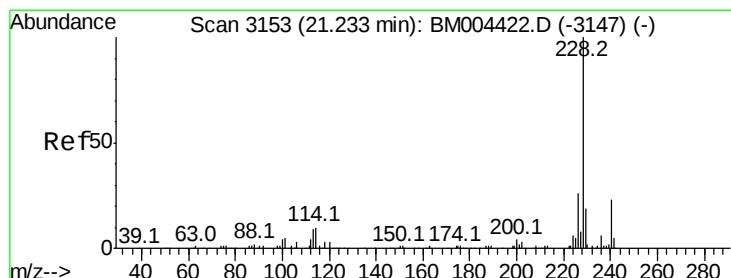
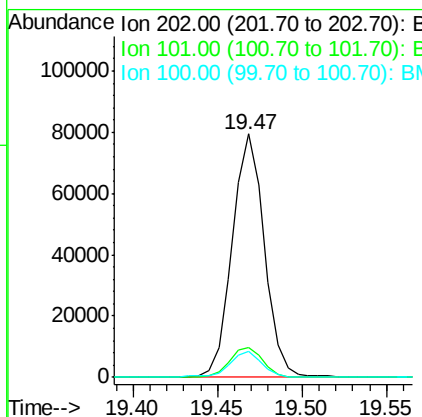
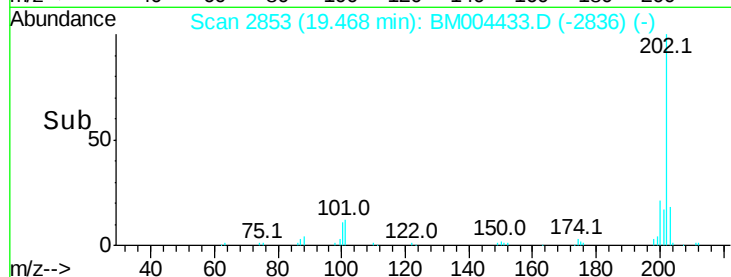
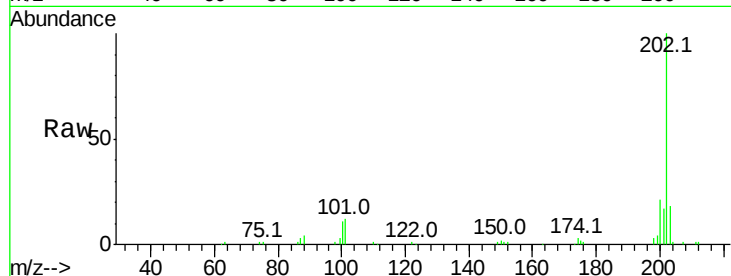
#80
Pvrene
Concen: 13.44 ng/ul
RT: 19.47 min Scan# 2853
Delta R.T. 0.00 min
Lab File: BM004433.D
Acq: 26 Feb 2016 18:52

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
202	100	105377		
101	12.5		10.2	15.2
100	10.7		8.5	12.7

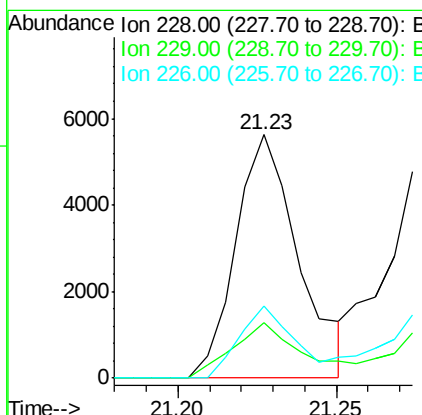
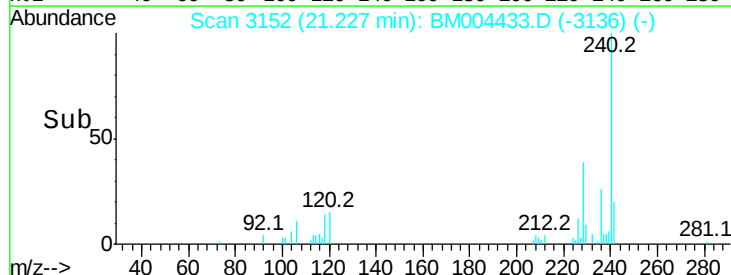
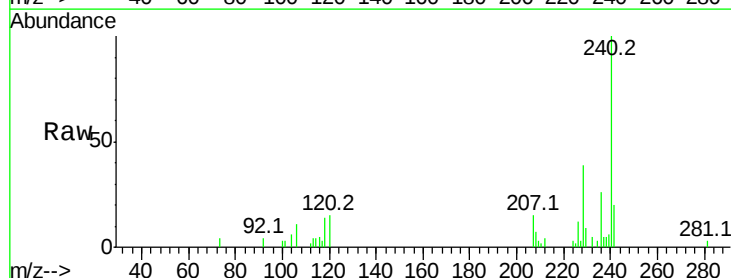
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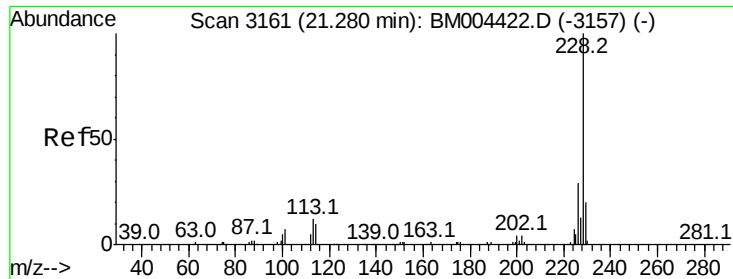
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#83
Benzo(a)anthracene
Concen: 1.00 ng/ul
RT: 21.23 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BM004433.D
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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	7729		
229	23.0		15.7	23.5
226	29.9		21.8	32.6





#85

Chrysene

Concen: 1.30 ng/ul

RT: 21.28 min Scan# 3161

Delta R.T. 0.00 min

Lab File: BM004433.D

Acq: 26 Feb 2016 18:52

Instrument :

BNA_M

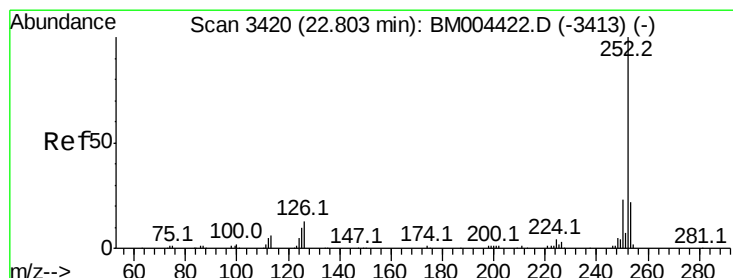
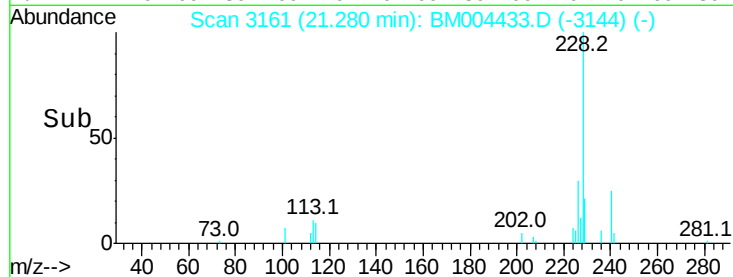
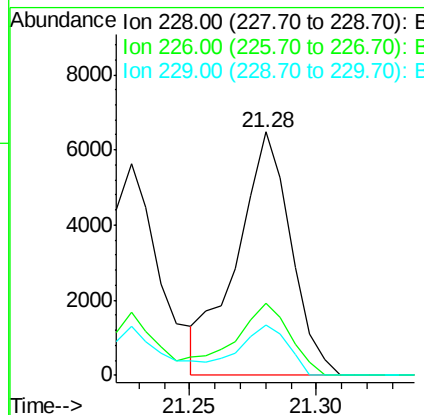
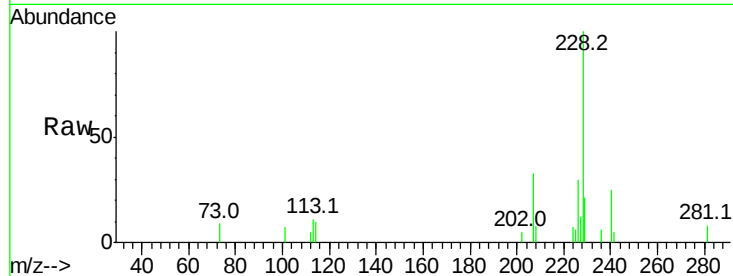
ClientSampleId :

D9R26MS

Tot Ion:	228	Resp:	9643
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.0	36.0
229	20.7	15.6	23.4

Manual Integrations
APPROVED

UMANGI
2/29/2016 2:50:34 PM



#88

Benzo(b)fluoranthene

Concen: 1.54 ng/ul

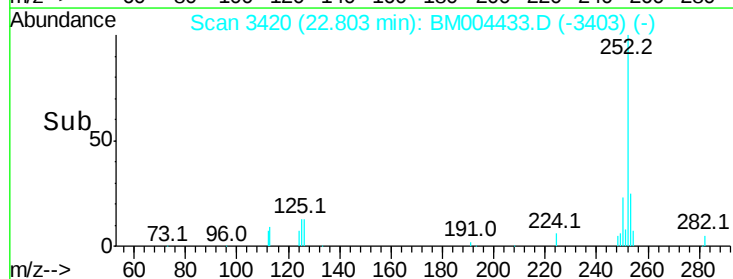
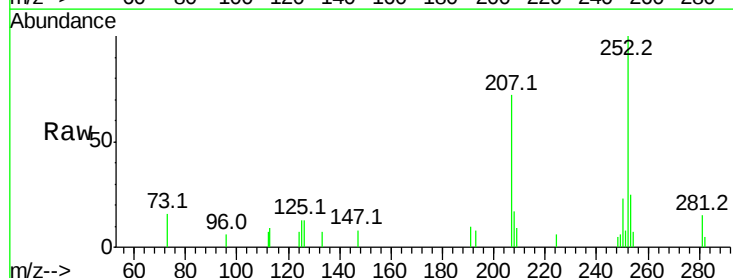
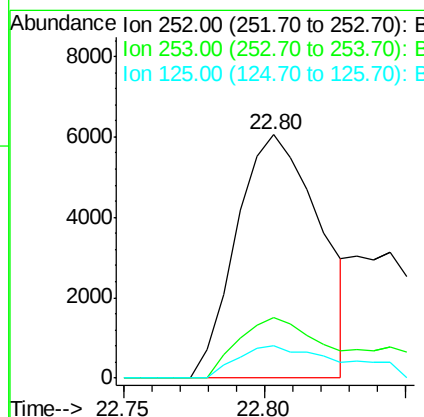
RT: 22.80 min Scan# 3420

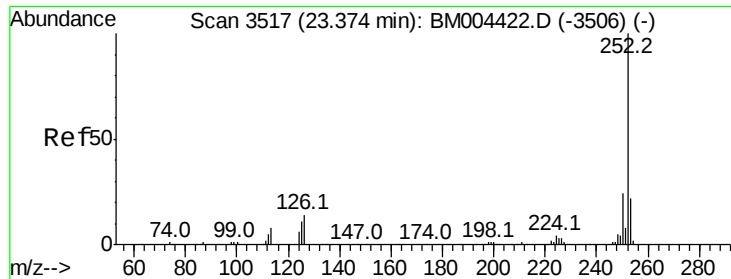
Delta R.T. 0.00 min

Lab File: BM004433.D

Acq: 26 Feb 2016 18:52

Tgt Ion:	252	Resp:	12465
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.5	26.3
125	13.2	8.5	12.7#





#91

Benzo(a)pyrene

Concen: 1.14 ng/ul

RT: 23.37 min Scan# 3516

Delta R.T. -0.01 min

Lab File: BM004433.D

Acq: 26 Feb 2016 18:52

Instrument :

BNA_M

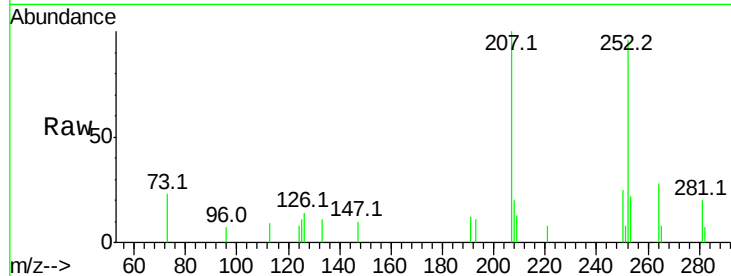
ClientSampleId :

D9R26MS

Tot Ion:	252	Resp:	8565
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.2	25.8
125	11.4	9.0	13.6

Manual Integrations
APPROVED

UMANGI
2/29/2016 2:50:34 PM



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

