

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
 Data File : BM005431.D
 Acq On : 13 May 2016 14:12
 Operator : UM/SJ
 Sample : H2874-10MS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H4113MS

Manual Integrations
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 5/14/2016 9:58:37 AM

Quant Time: May 14 00:38:57 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 14 00:15:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	64791	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	309970	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	204750	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	508994	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	615991	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	524727	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	1557	1.13	ng/uL	0.00
5) Phenol-d5	6.93	99	34928	5.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	101458	30.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	107779	24.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	70754	14.57	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	72727	32.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	83901	33.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	132605	28.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	14319	2.55	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	531382	32.38	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	617644	32.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	16027m	5.35	ng/ul	0.00
57) Fluorene-d10	15.39	176	451881	31.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	87710	30.63	ng/ul	0.00
70) Anthracene-d10	17.24	188	737018	32.76	ng/ul	0.00
76) Pyrene-d10	19.54	212	869932	30.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	768697	33.10	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.96	94	37403	6.16	ng/ul	98
10) 2-Chlorophenol	7.32	128	108396	23.88	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.55	70	128080	34.06	ng/ul	98
33) 4-Chloro-3-methylphenol	11.83	107	152718	26.71	ng/ul	99
49) Acenaphthene	14.46	153	421836	31.43	ng/ul	99
52) 4-Nitrophenol	14.64	109	14486	5.82	ng/ul	95
54) 2,4-Dinitrotoluene	14.77	165	165602	34.34	ng/ul	99
68) Pentachlorophenol	16.80	266	90898	29.89	ng/ul	97
77) Pyrene	19.57	202	1087793	30.45	ng/ul	98

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

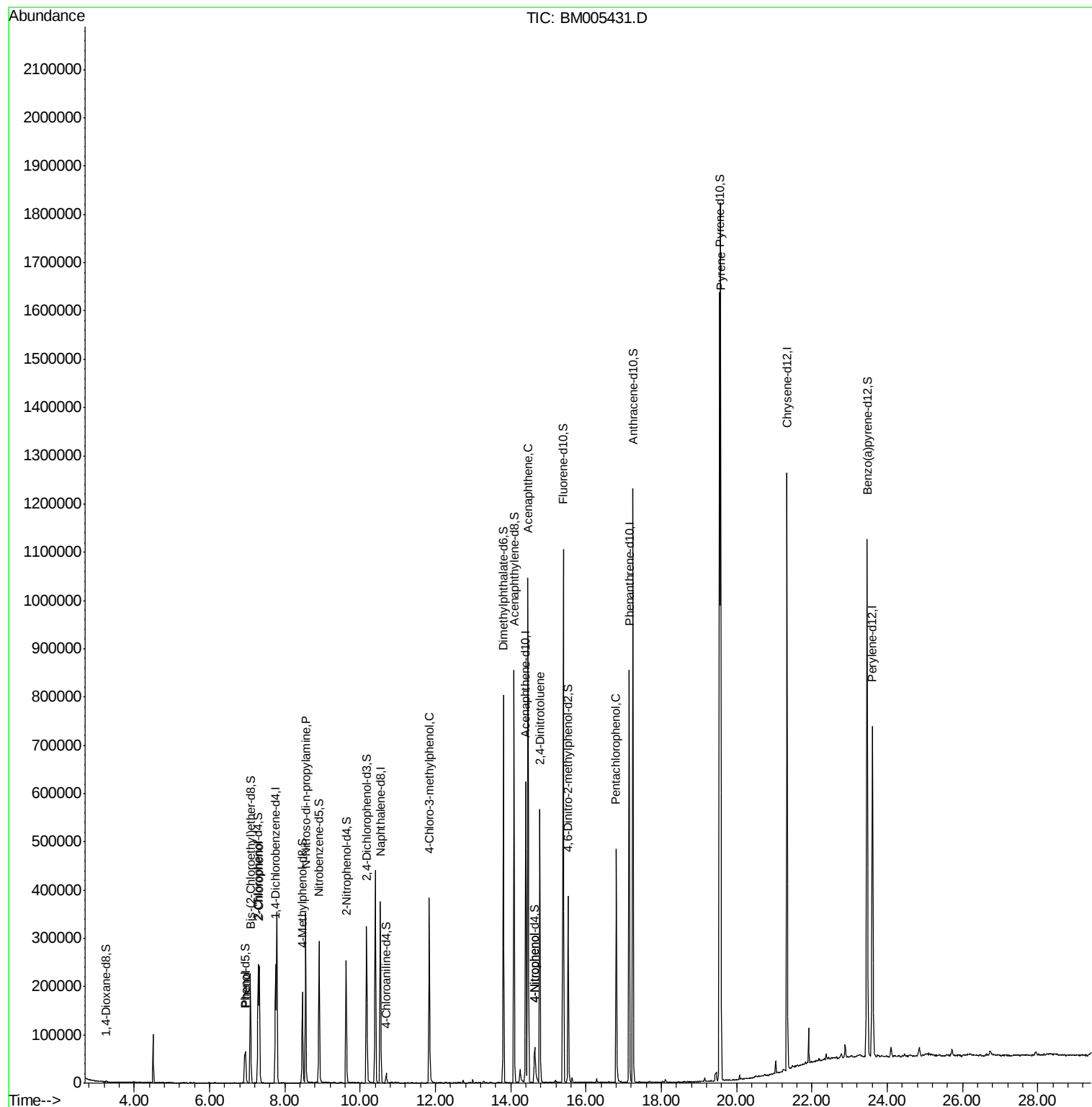
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
Data File : BM005431.D
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ALS Vial : 58 Sample Multiplier: 1

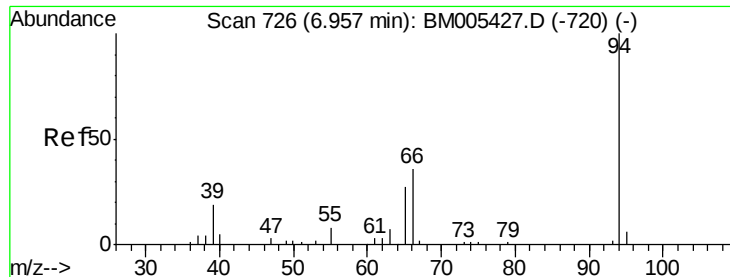
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Quant Title : SVOA CALIBRATION
QLast Update : Sat May 14 00:15:57 2016
Response via : Initial Calibration





#6

Phenol

Concen: 6.16 ng/ul

RT: 6.96 min Scan# 726

Delta R.T. -0.00 min

Lab File: BM005431.D

Acq: 13 May 2016 14:12

Instrument :

BNA_M

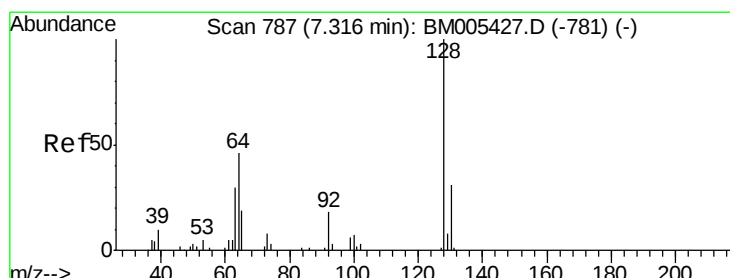
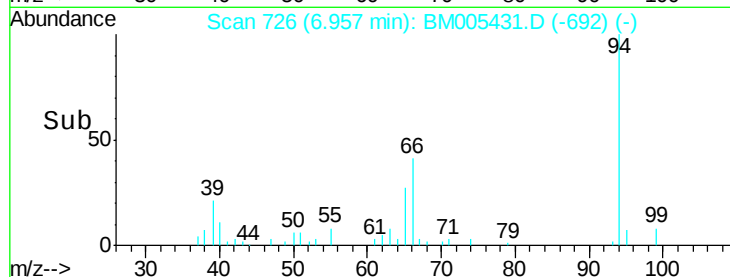
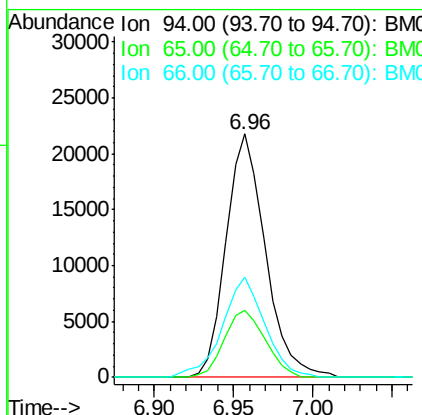
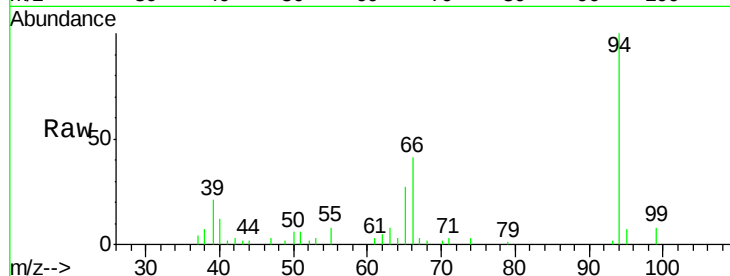
ClientSampleId :

H4113MS

Tgt Ion:	94	Resp:	37403
Ion	Ratio	Lower	Upper
94	100		
65	27.4	22.7	34.1
66	41.1	31.7	47.5

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#10

2-Chlorophenol

Concen: 23.88 ng/ul

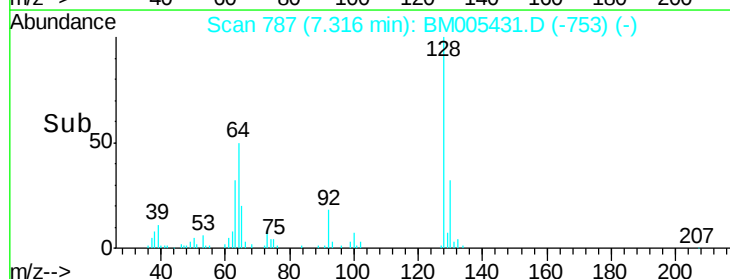
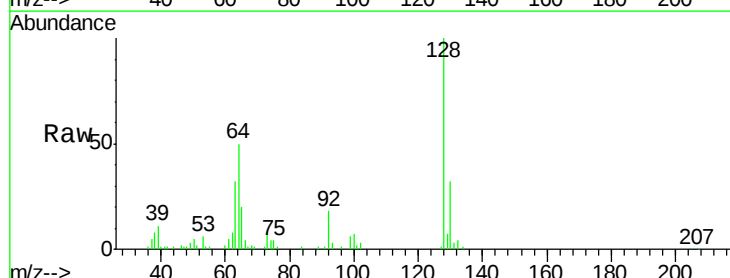
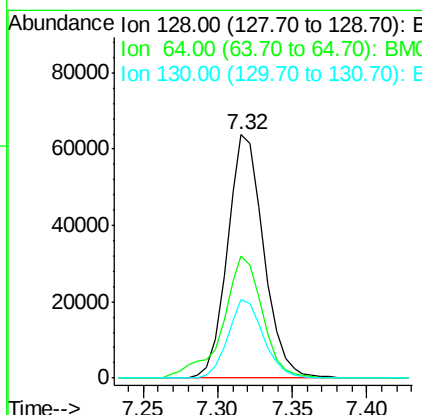
RT: 7.32 min Scan# 787

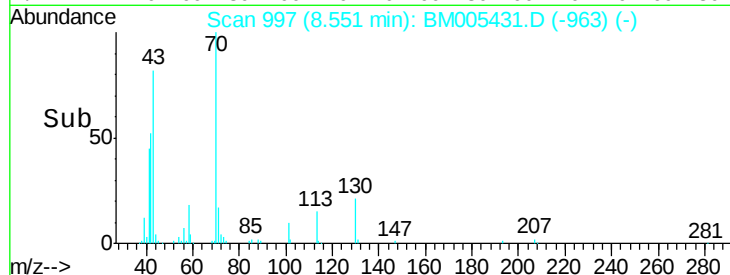
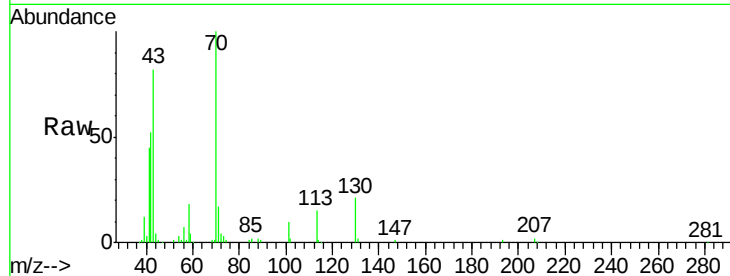
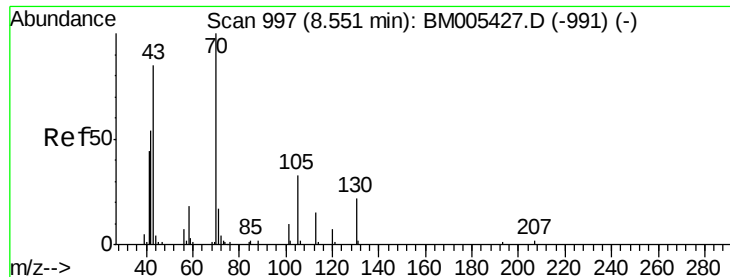
Delta R.T. -0.00 min

Lab File: BM005431.D

Acq: 13 May 2016 14:12

Tgt Ion:	128	Resp:	108396
Ion	Ratio	Lower	Upper
128	100		
64	50.0	37.8	56.8
130	32.0	24.9	37.3





#15

N-Nitroso-di-n-propylamine

Concen: 34.06 ng/ul

RT: 8.55 min Scan# 997

Delta R.T. -0.00 min

Lab File: BM005431.D

Acq: 13 May 2016 14:12

Instrument :

BNA_M

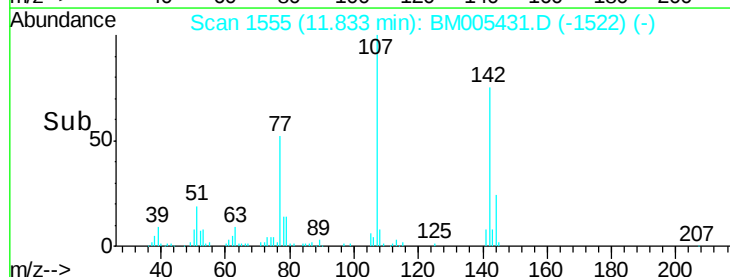
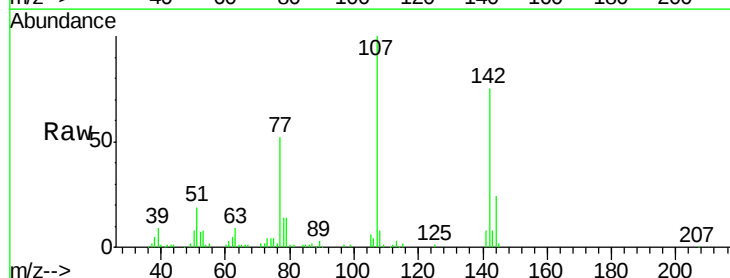
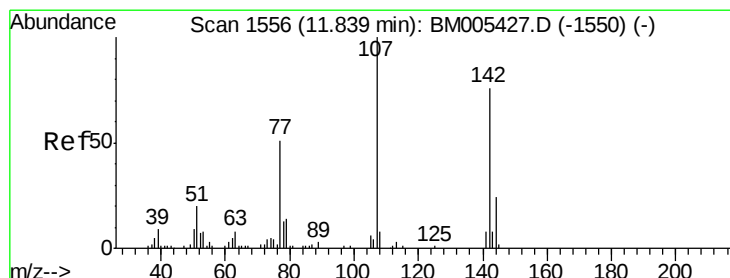
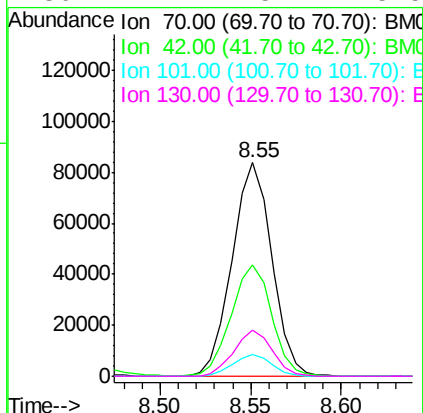
ClientSampleId :

H4113MS

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		128080		
42	52.0	42.8	64.2		
101	10.0	7.8	11.6		
130	21.4	15.7	23.5		



#33

4-Chloro-3-methylphenol

Concen: 26.71 ng/ul

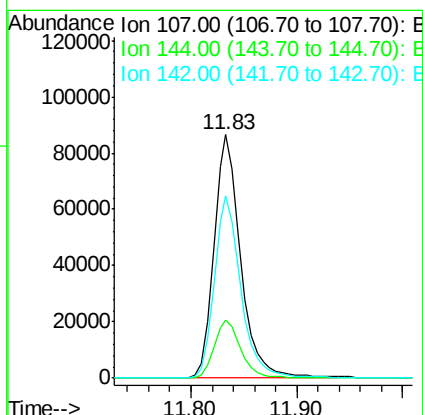
RT: 11.83 min Scan# 1555

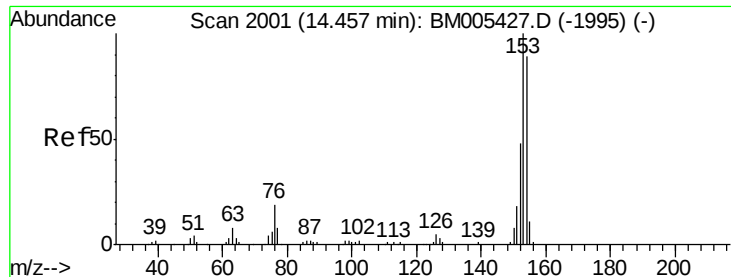
Delta R.T. -0.01 min

Lab File: BM005431.D

Acq: 13 May 2016 14:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		152718		
144	23.7	19.3	28.9		
142	74.7	60.8	91.2		





#49

Acenaphthene

Concen: 31.43 ng/ul

RT: 14.46 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BM005431.D

Acq: 13 May 2016 14:12

Instrument :

BNA_M

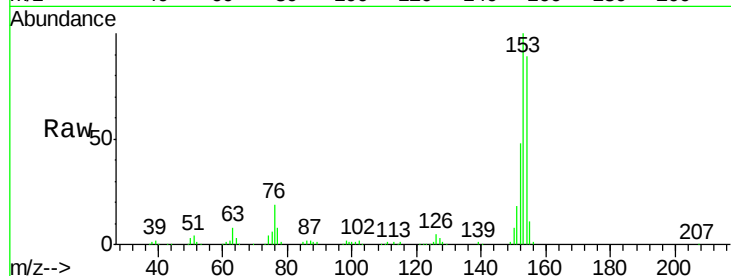
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H4113MS

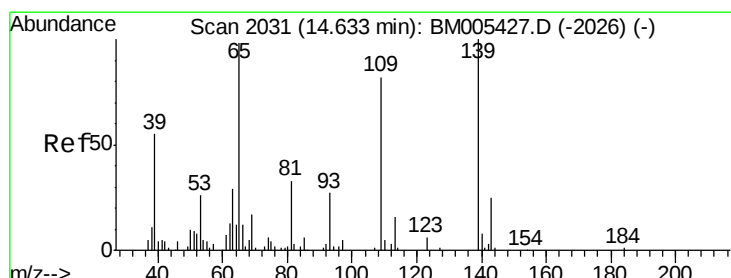
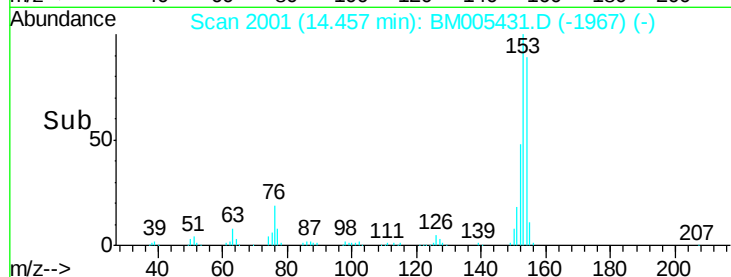
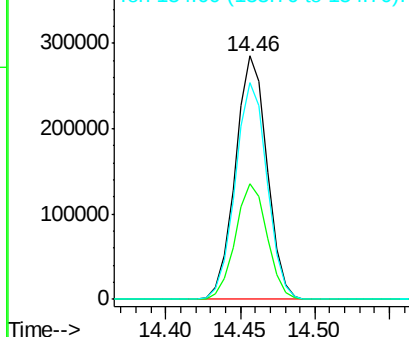
Tgt Ion:	153	Resp:	421836
Ion Ratio	Lower	Upper	
153	100		
152	47.5	38.9	58.3
154	89.0	70.3	105.5

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#52

4-Nitrophenol

Concen: 5.82 ng/ul

RT: 14.64 min Scan# 2032

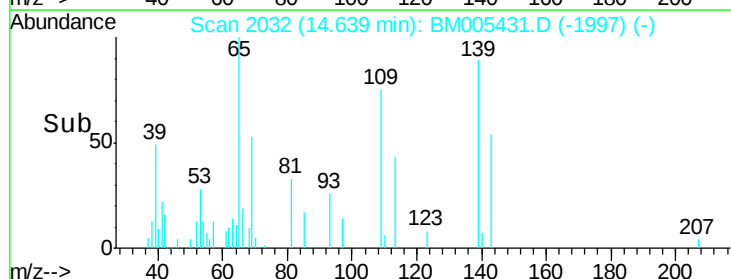
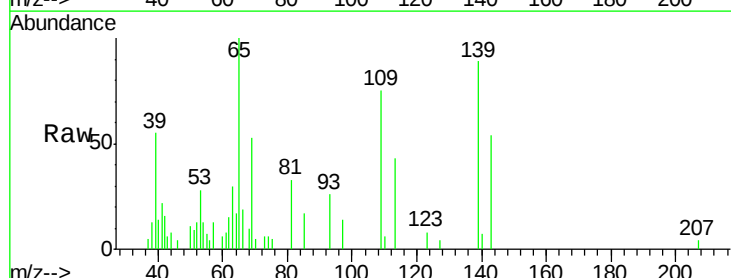
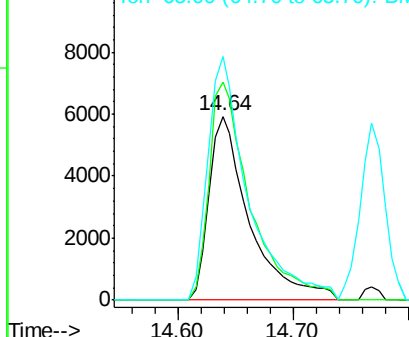
Delta R.T. 0.01 min

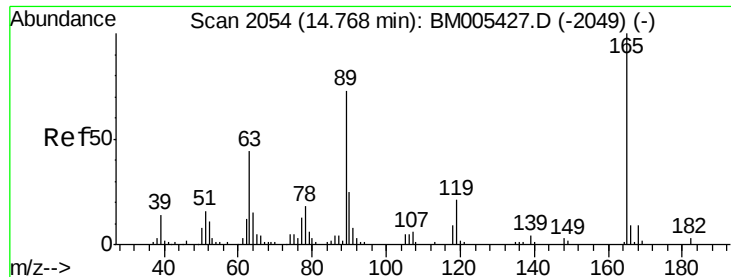
Lab File: BM005431.D

Acq: 13 May 2016 14:12

Tgt Ion:	109	Resp:	14486
Ion Ratio	Lower	Upper	
109	100		
139	118.4	103.6	155.4
65	132.5	104.7	157.1

Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM





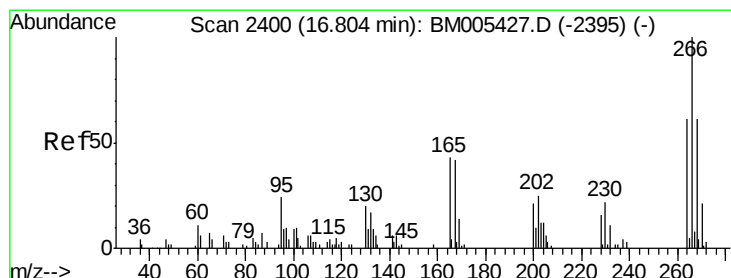
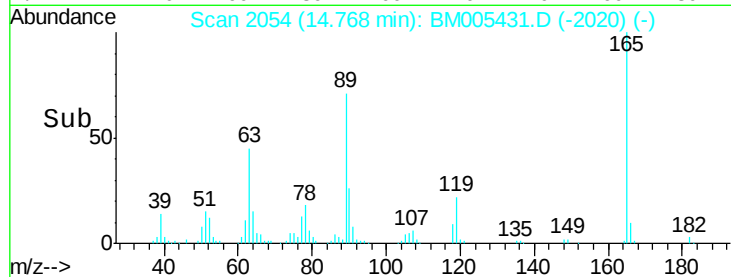
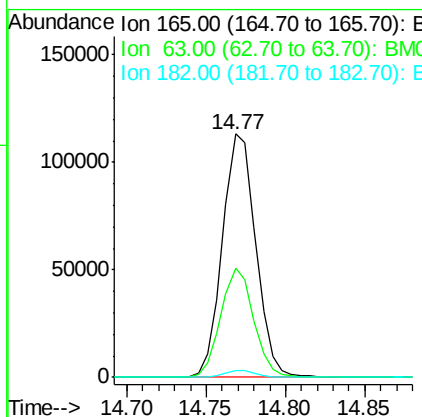
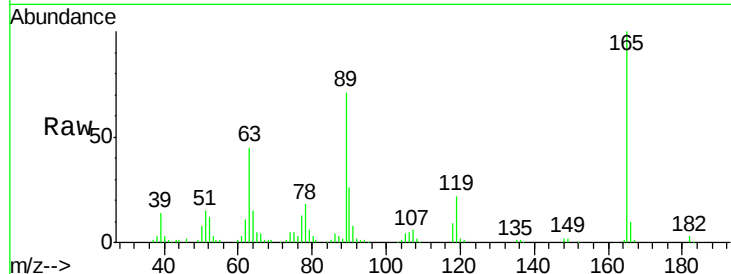
#54
 2,4-Dinitrotoluene
 Concen: 34.34 ng/ul
 RT: 14.77 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BM005431.D
 Acq: 13 May 2016 14:12

Instrument :
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Tgt Ion:	165	Resp:	165602
Ion Ratio	Lower	Upper	
165	100		
63	44.8	36.2	54.4
182	2.9	2.5	3.7

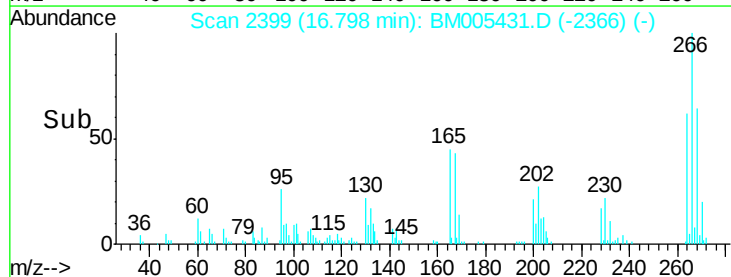
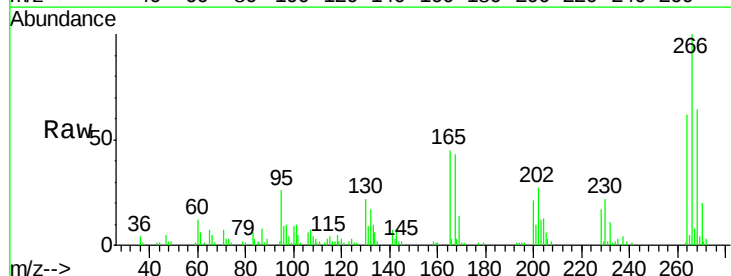
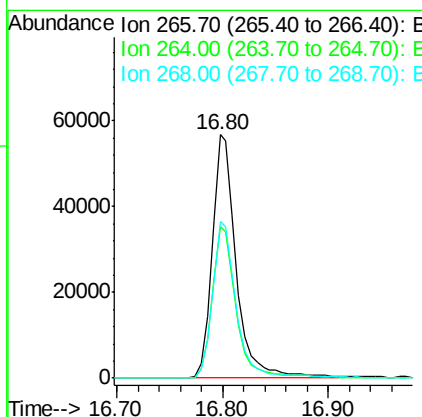
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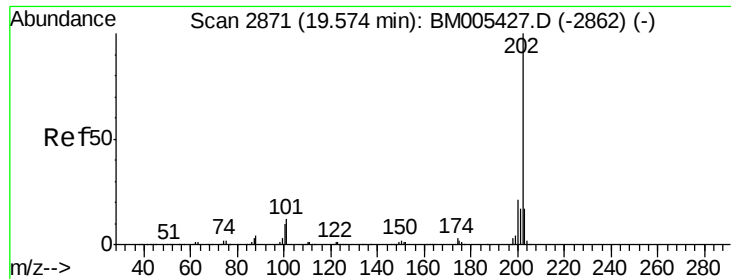
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#68
 Pentachlorophenol
 Concen: 29.89 ng/ul
 RT: 16.80 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BM005431.D
 Acq: 13 May 2016 14:12

Tgt Ion:	266	Resp:	90898
Ion Ratio	Lower	Upper	
266	100		
264	62.2	52.0	78.0
268	64.4	53.0	79.6





#77

Pyrene

Concen: 30.45 ng/ul

RT: 19.57 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BM005431.D

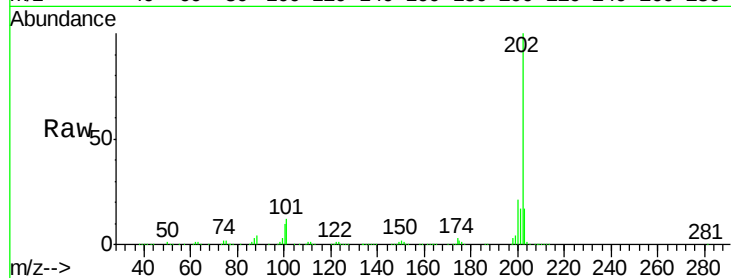
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Instrument :

BNA_M

ClientSampleId :

H4113MS



Tgt Ion: 202 Resp: 1087793

Ion Ratio Lower Upper

202 100

101 12.3 10.8 16.2

100 10.2 8.4 12.6

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