

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091917\
 Data File : BM011602.D
 Acq On : 19 Sep 2017 13:34
 Operator : SJ/JU
 Sample : I5234-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH7

Quant Time: Sep 20 01:53:11 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 20 01:49:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	332846	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1462744	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	849810	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	1846165	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1893340	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1779722	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.39	96	43489	5.88	ng/uL	0.00
5) Phenol-d5	7.12	99	241572	7.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	769772	35.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	657729	27.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	434053	17.40	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	402661	36.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	423783	36.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	737407	31.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	38605	1.51	ng/ul	0.01
44) Dimethylphthalate-d6	14.00	166	2681489	37.32	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	3194391	36.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	69551	5.15	ng/ul	0.00
58) Fluorene-d10	15.59	176	2326384	37.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	341964	31.83	ng/ul	0.00
71) Anthracene-d10	17.43	188	3655532	40.21	ng/ul	0.00
79) Pyrene-d10	19.72	212	4055955	45.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	3497527	41.24	ng/ul	0.00

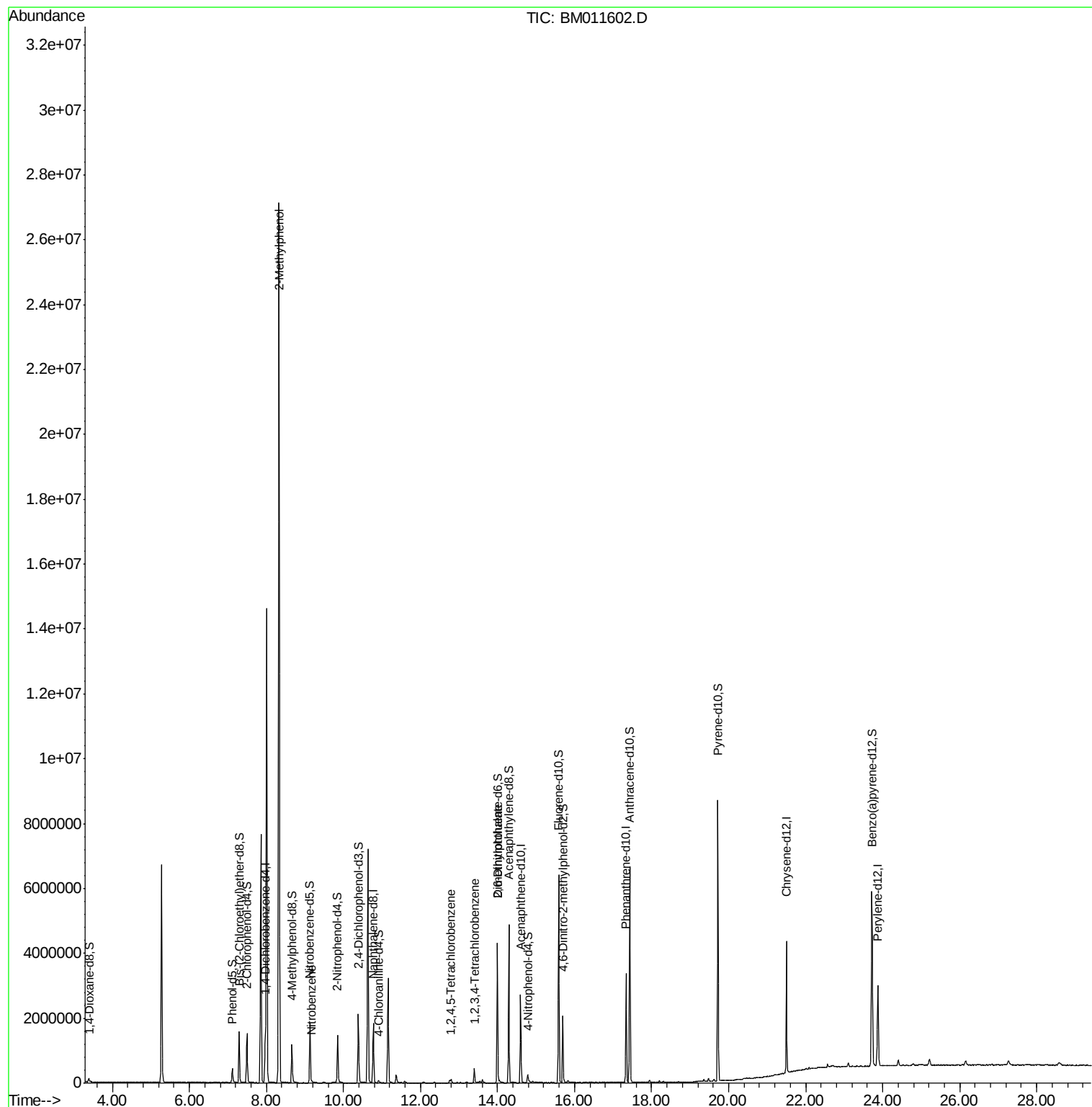
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 2-Methylphenol	8.33	108	80863	3.362	ng/ul	99
20) Nitrobenzene	9.17	77	30622	1.173	ng/ul#	94
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	31862	1.264	ng/ul#	94
46) 2,6-Dinitrotoluene	14.00	165	13125	1.080	ng/ul#	28
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	129282	5.255	ng/uL	98

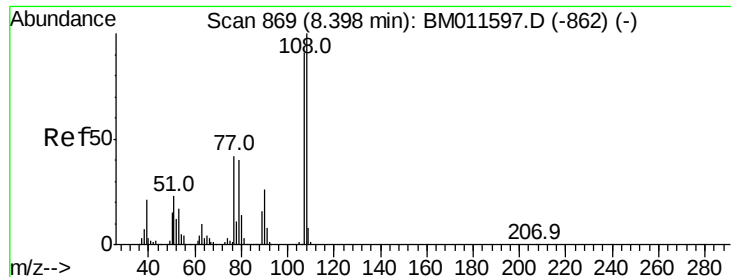
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 3.362 ng/ul

RT: 8.33 min Scan# 857

Delta R.T. -0.07 min

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BNA_M

ClientSampleId :

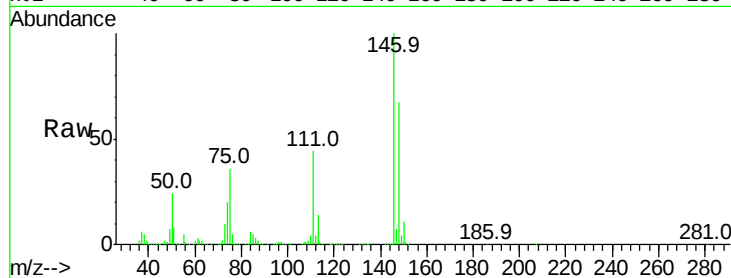
C0AH7

Tot Ion:108 Resp: 80863

Ion Ratio Lower Upper

108 100

107 93.2 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.33

50000

40000

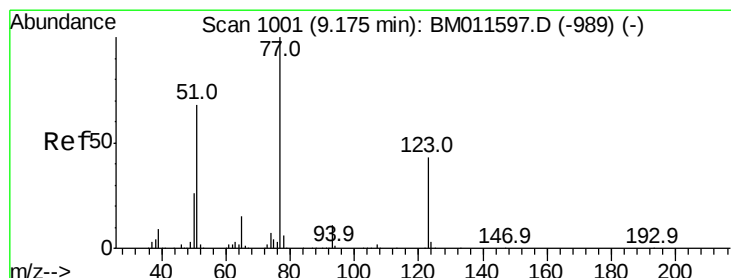
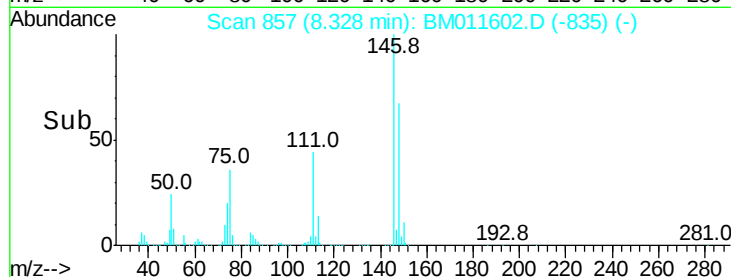
30000

20000

10000

0

Time--> 8.25 8.30 8.35



#20

Nitrobenzene

Concen: 1.173 ng/ul

RT: 9.17 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BM011602.D

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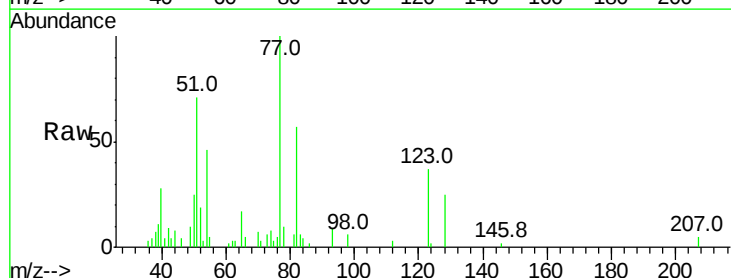
Tgt Ion: 77 Resp: 30622

Ion Ratio Lower Upper

77 100

123 36.9 31.8 47.8

65 16.7 10.6 16.0#



Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0

9.17

20000

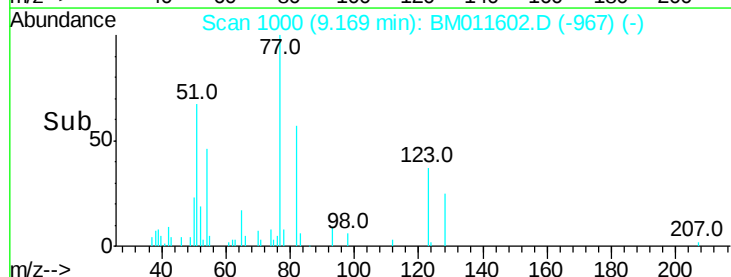
15000

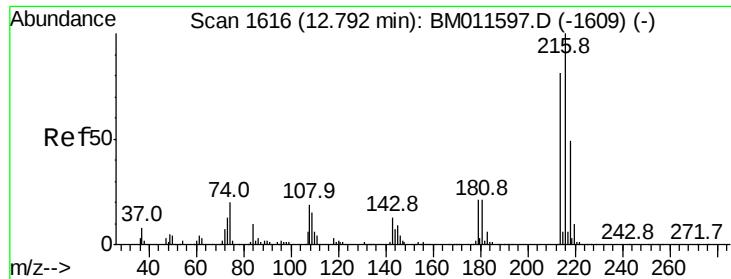
10000

5000

0

Time--> 9.10 9.15 9.20 9.25

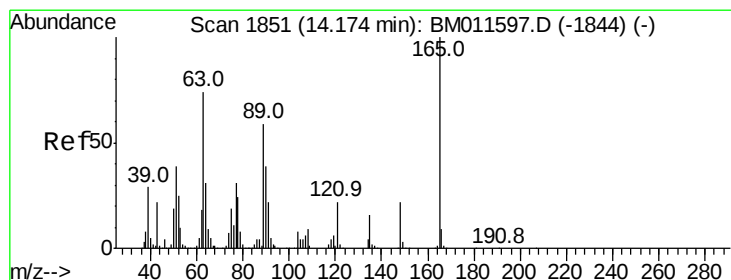
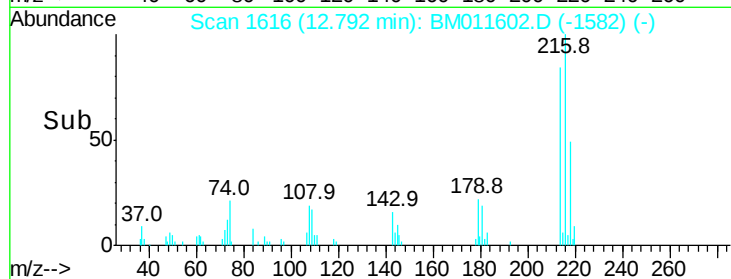
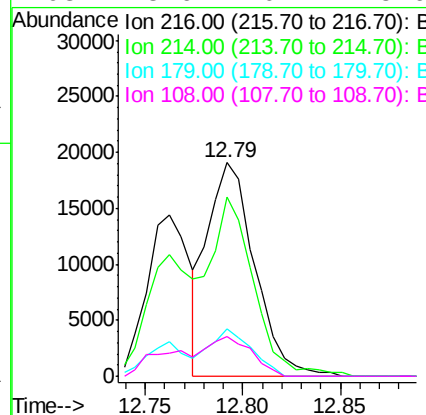
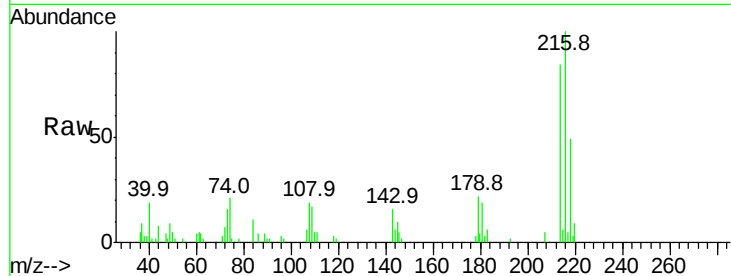




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 1.264 ng/ul
 RT: 12.79 min Scan# 1616
 Delta R.T. -0.00 min
 Lab File: BM011602.D
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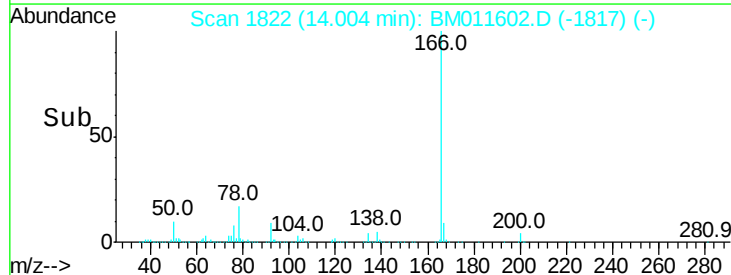
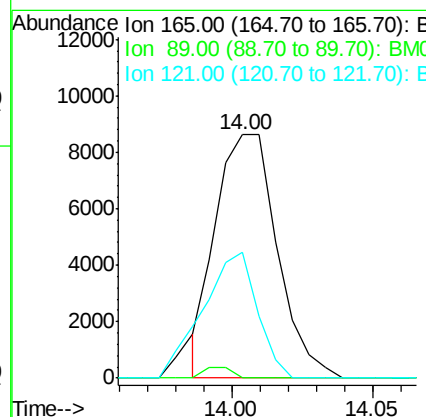
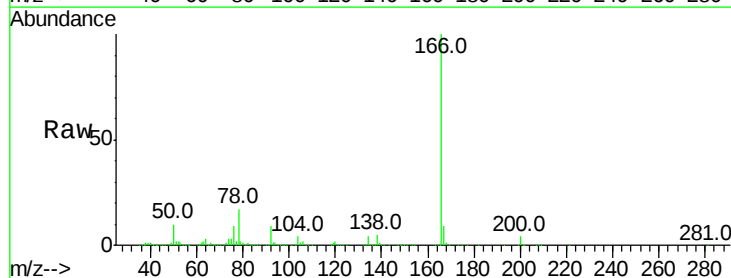
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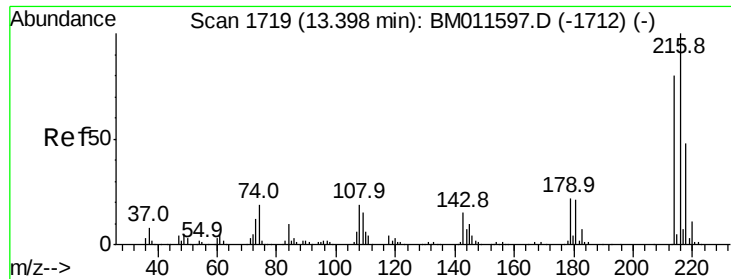
Tot Ion	Ratio	Lower	Upper
216	100		
214	83.9	64.1	96.1
179	21.9	14.5	21.7#
108	18.6	10.4	15.6#



#46
 2,6-Dinitrotoluene
 Concen: 1.080 ng/ul
 RT: 14.00 min Scan# 1822
 Delta R.T. -0.17 min
 Lab File: BM011602.D
 Acq: 19 Sep 2017 13:34

Tgt Ion	Ratio	Lower	Upper
165	100		
89	0.0	43.8	65.8#
121	51.4	17.8	26.6#





#73

1,2,3,4-Tetrachlorobenzene

Concen: 5.255 ng/uL

RT: 13.40 min Scan# 1719

Delta R.T. -0.00 min

Lab File: BM011602.D

Acq: 19 Sep 2017 13:34

Instrument :

BNA_M

ClientSampleId :

C0AH7

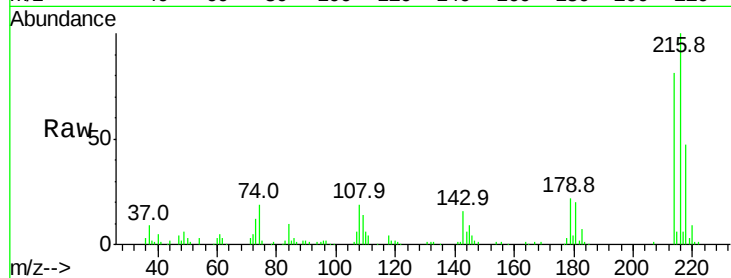
Tot Ion: 216 Resp: 129282

Ion Ratio Lower Upper

216 100

214 80.7 64.1 96.1

218 47.2 39.4 59.0



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

