

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

Manual Integrations
 APPROVED

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Quant Time: Sep 20 02:23:12 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						
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	75586m	5.60	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						
20) Nitrobenzene	9.17	77	34941m	1.338	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	53795m	2.134	ng/ul	
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	129282	5.255	ng/uL	

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

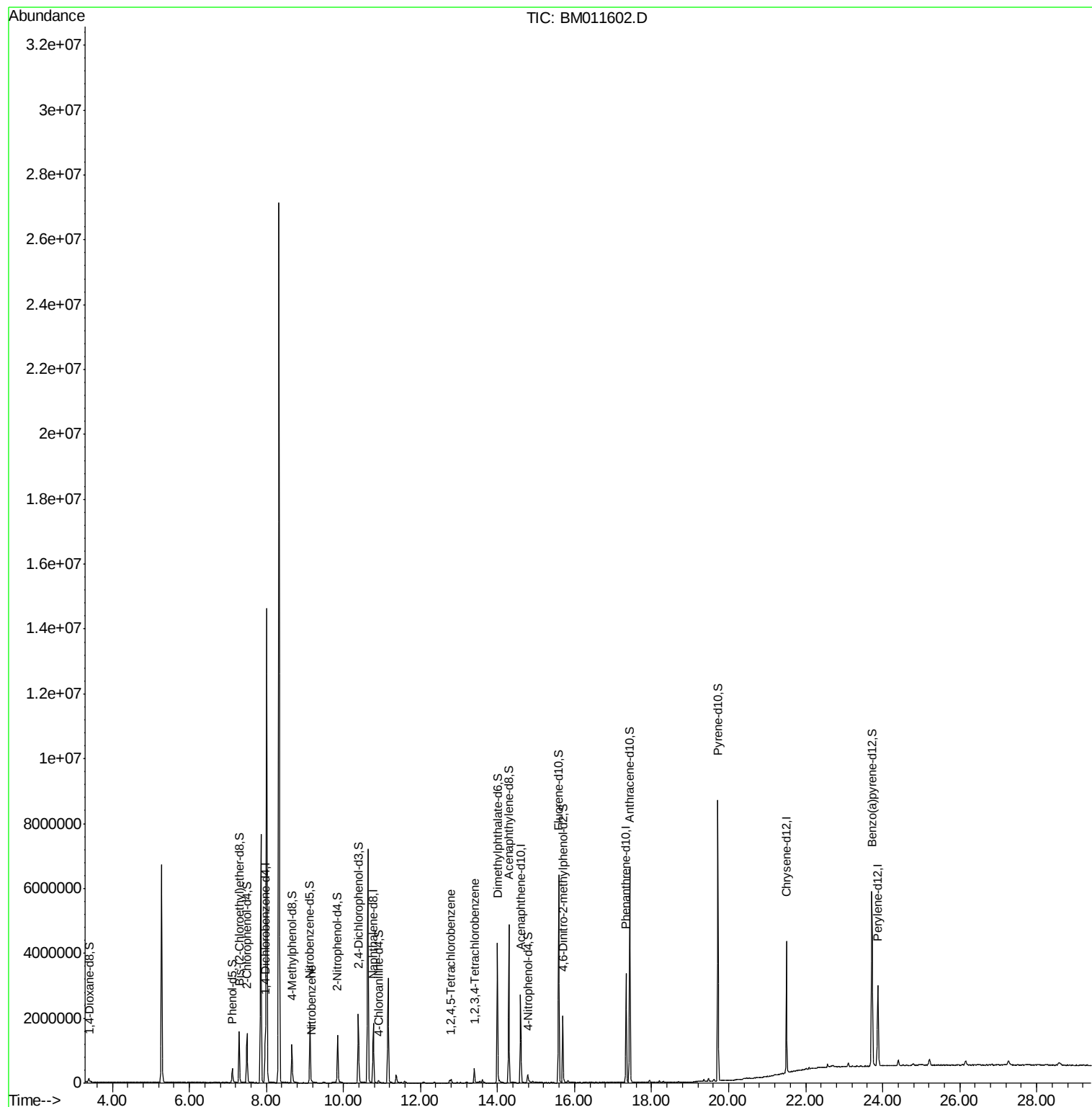
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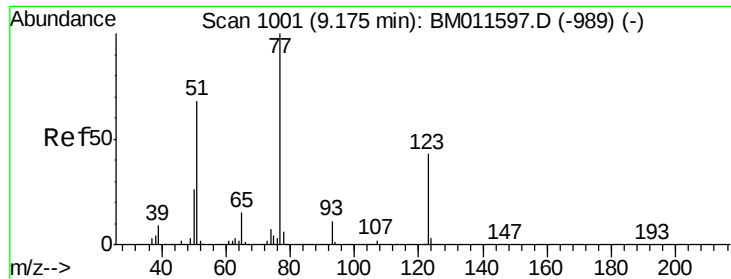
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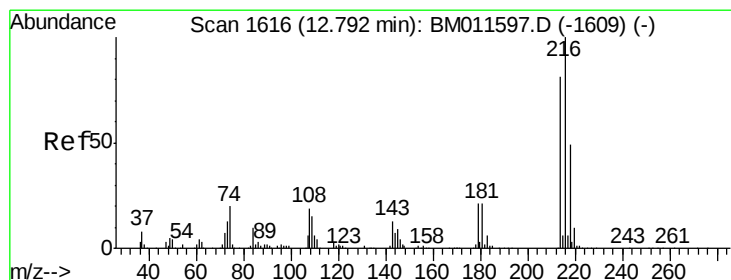
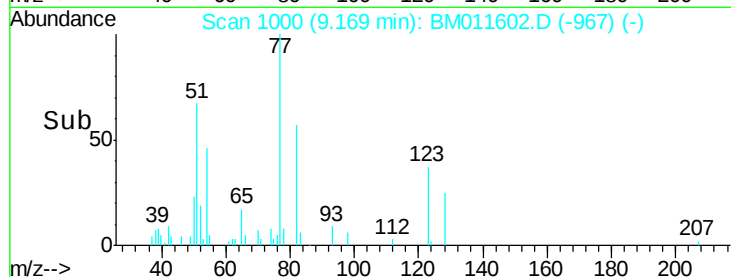
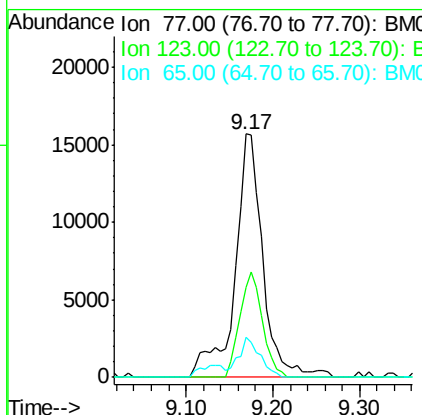
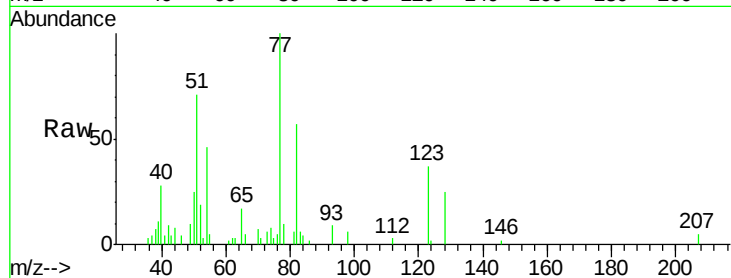
#20
Nitrobenzene
Concen: 1.338 ng/ul m
RT: 9.17 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BM011602.D
Acq: 19 Sep 2017 13:34

Instrument :
BNA_M
ClientSampleId :
C0AH7

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.9	31.8	47.8
65	16.7	10.6	16.0#

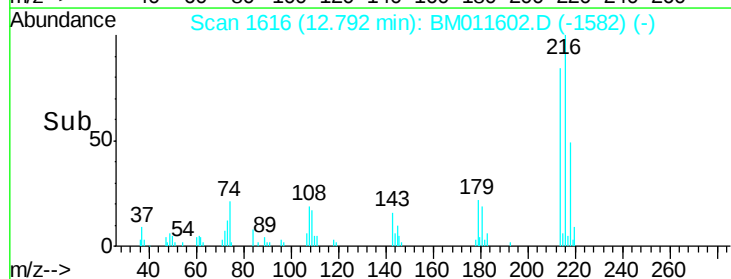
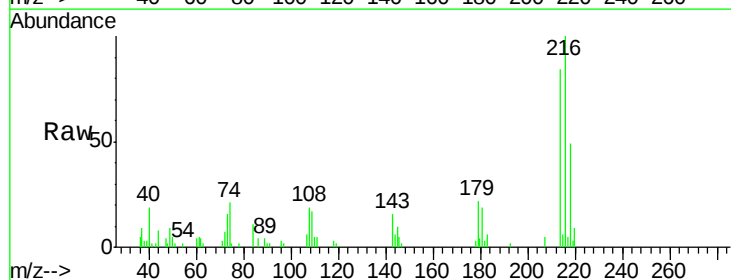
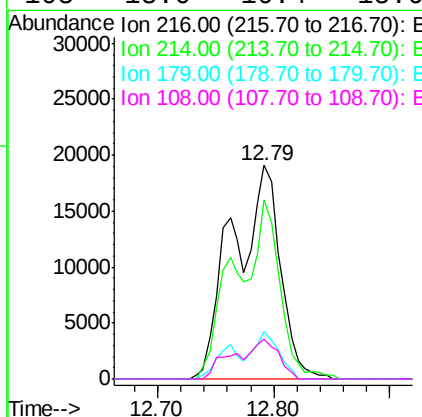
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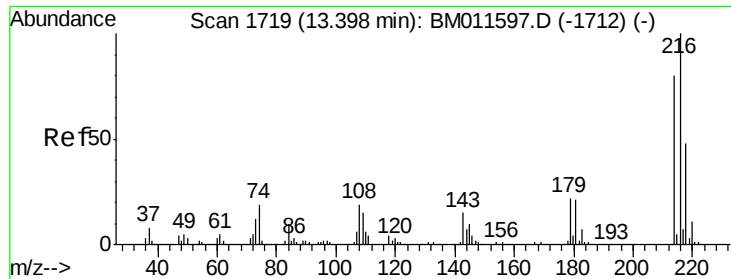
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#37
1,2,4,5-Tetrachlorobenzene
Concen: 2.134 ng/ul m
RT: 12.79 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BM011602.D
Acq: 19 Sep 2017 13:34

Tgt 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#





#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

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Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	80.7	64.1	96.1
218	47.2	39.4	59.0

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