

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
 Data File : BM011592.D
 Acq On : 19 Sep 2017 05:05
 Operator : SJ/JU
 Sample : I5234-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF6

Manual Integrations
 APPROVED

Sohil
 9/19/2017 5:34:43 PM

Quant Time: Sep 19 15:03:49 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 19 03:50:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	473370	20.00	ng/ul	0.05
18) Naphthalene-d8	10.82	136	2229699	20.00	ng/ul	0.04
36) Acenaphthene-d10	14.60	164	1300363	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2934001	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	3067393	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2632630	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	57396	5.45	ng/uL	0.00
5) Phenol-d5	7.12	99	328453	7.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.31	67	1080551	35.28	ng/ul	0.02
9) 2-Chlorophenol-d4	7.50	132	967290	28.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	601929m	16.96	ng/ul	0.00
19) Nitrobenzene-d5	9.14	128	600357	35.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	648163	36.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.40	165	1103970	31.17	ng/ul	0.01
29) 4-Chloroaniline-d4	10.93	131	26923	0.69	ng/ul	0.02
44) Dimethylphthalate-d6	14.00	166	3962319	36.04	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	4754633	35.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	140281	6.79	ng/ul	0.00
58) Fluorene-d10	15.59	176	3481888	36.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	605894	35.49	ng/ul	0.00
71) Anthracene-d10	17.44	188	5466325	37.83	ng/ul	0.00
79) Pyrene-d10	19.72	212	6020249	41.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.73	264	4843266	38.60	ng/ul	0.00

Target Compounds

					Ovalue
20) Nitrobenzene	9.18	77	243388	6.115 ng/ul	98
28) Naphthalene	10.86	128	178451	1.543 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	2681931m	69.527 ng/ul	
73) 1,2,3,4-Tetrachlorobenzene	13.41	216	9815804	251.063 ng/uL	99
74) Pentachlorobenzene	14.92	250	363159	9.158 ng/uL	96

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

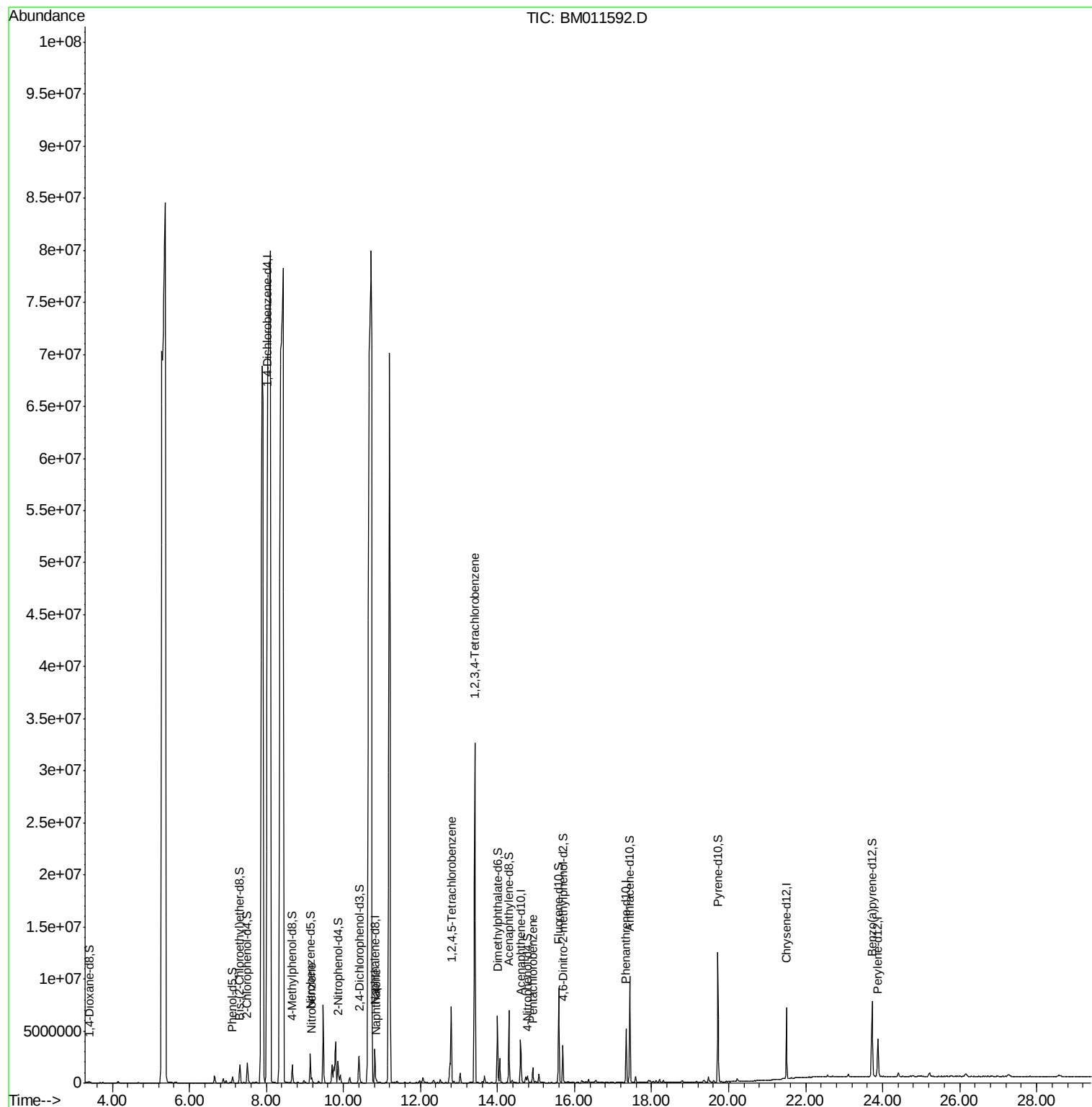
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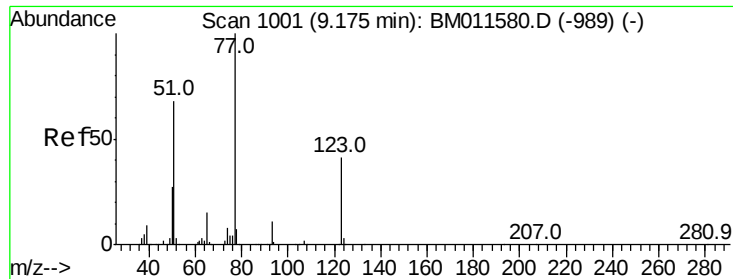
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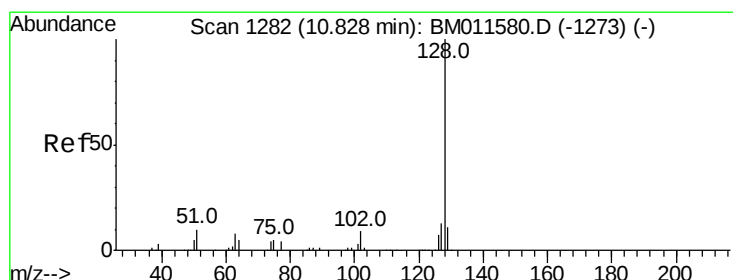
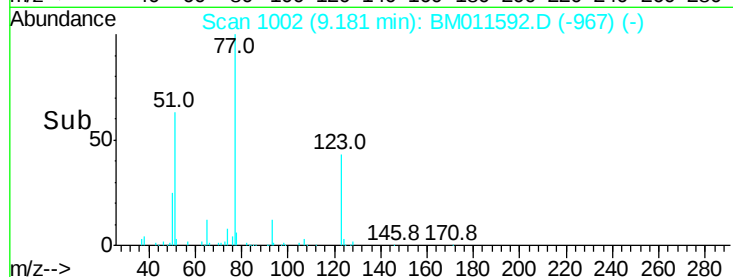
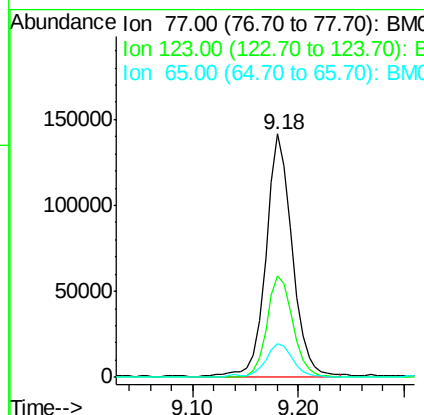
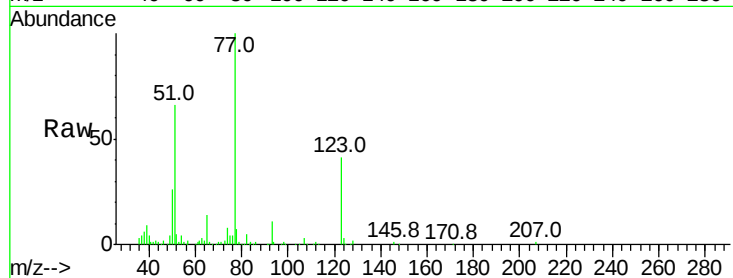
#20
Nitrobenzene
Concen: 6.115 ng/ul
RT: 9.18 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BM011592.D
Acq: 19 Sep 2017 05:05

Instrument :
BNA_M
ClientSampled :
C0AF6

Tot Ion	Ratio	Lower	Upper
77	100		
123	41.5	31.8	47.8
65	13.7	10.6	16.0

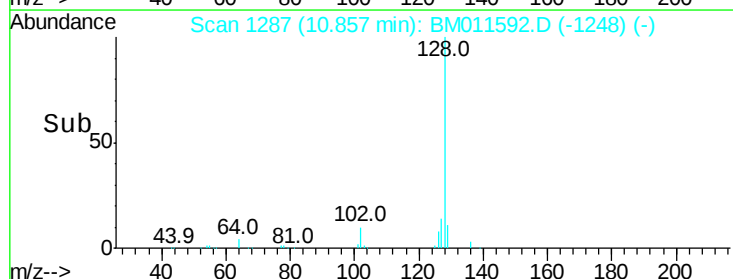
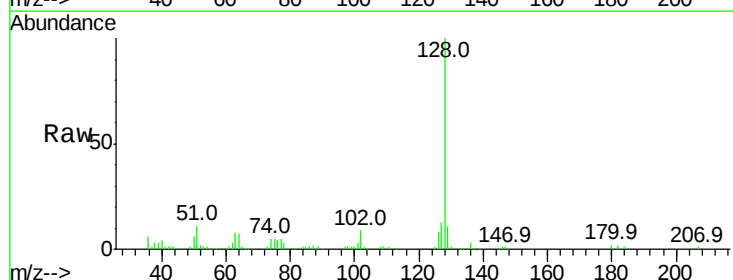
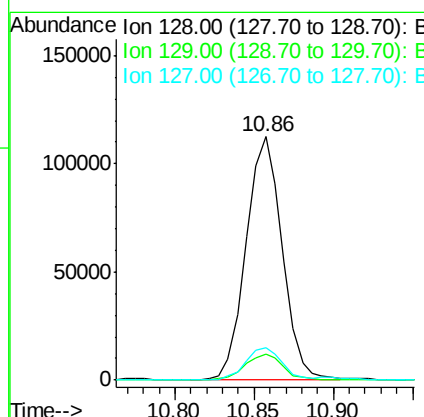
Manual Integrations
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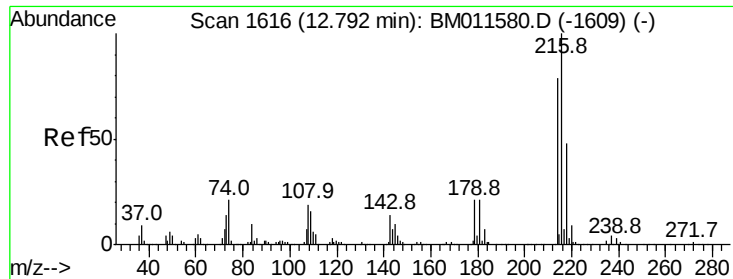
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#28
Naphthalene
Concen: 1.543 ng/ul
RT: 10.86 min Scan# 1287
Delta R.T. 0.03 min
Lab File: BM011592.D
Acq: 19 Sep 2017 05:05

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.3	12.5
127	13.1	10.8	16.2





#37

1,2,4,5-Tetrachlorobenzene

Concen: 69.527 ng/ul m

RT: 12.80 min Scan# 1617

Delta R.T. 0.01 min

Lab File: BM011592.D

Acq: 19 Sep 2017 05:05

Instrument :

BNA_M

ClientSampleId :

C0AF6

Tot Ion:216 Resp: 2681931

Ion Ratio Lower Upper

216 100

214 78.0 64.1 96.1

179 20.8 14.5 21.7

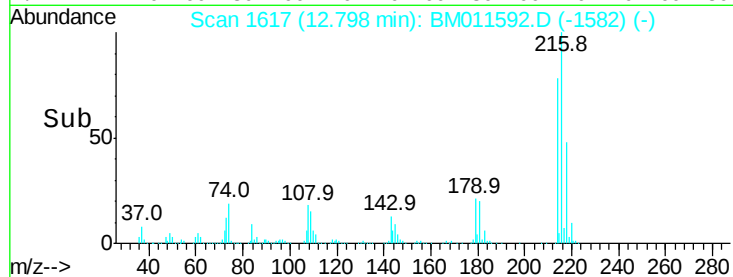
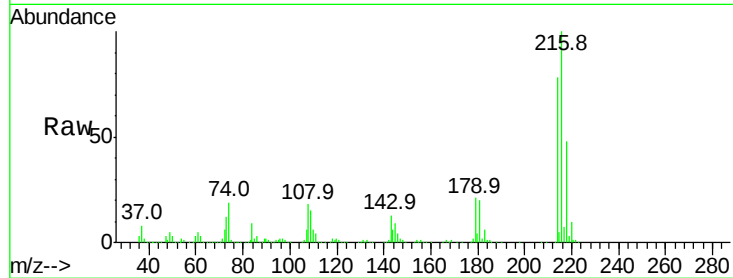
108 18.1 10.4 15.6#

Manual Integrations

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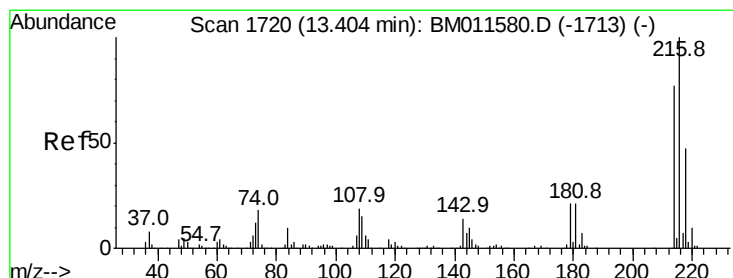
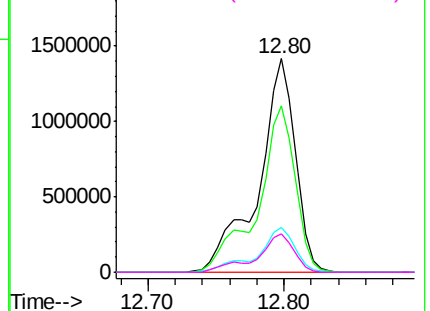


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#73

1,2,3,4-Tetrachlorobenzene

Concen: 251.063 ng/uL

RT: 13.41 min Scan# 1721

Delta R.T. 0.01 min

Lab File: BM011592.D

Acq: 19 Sep 2017 05:05

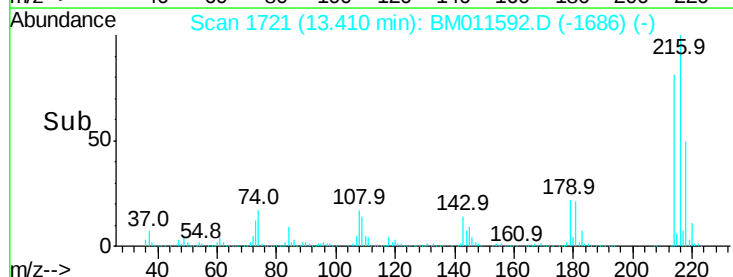
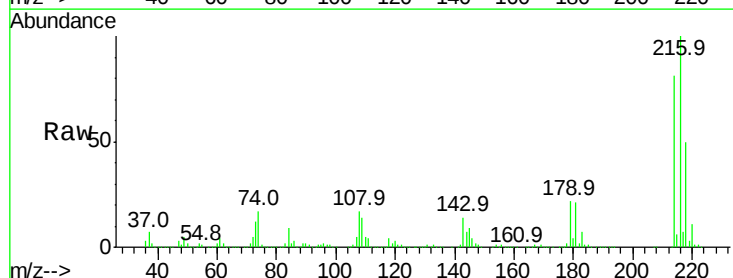
Tgt Ion:216 Resp: 9815804

Ion Ratio Lower Upper

216 100

214 80.6 64.1 96.1

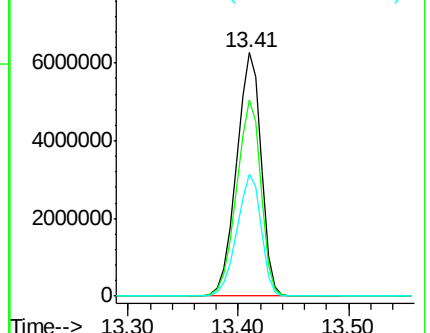
218 50.1 39.4 59.0

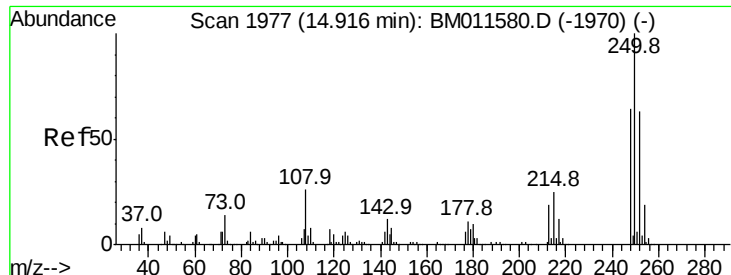


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74
 Pentachlorobenzene
 Concen: 9.158 ng/uL
 RT: 14.92 min Scan# 1977
 Delta R.T. 0.00 min
 Lab File: BM011592.D
 Acq: 19 Sep 2017 05:05

Instrument :
 BNA_M
 ClientSampleId :
 C0AF6

Tot Ion	Ratio	Resp Lower	Upper
250	100		
248	60.1	51.4	77.2
252	60.4	49.8	74.6

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