

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013985.D
 Acq On : 30 Jan 2018 07:28
 Operator : SJ/JU
 Sample : J1243-05DL 10X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B28DL

Manual Integrations
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 1/30/2018 3:34:58 PM

Quant Time: Jan 30 08:36:49 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 30 07:49:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	106530	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	413770	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	250389	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	612817	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	839397	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	846780	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	1253	0.46	ng/uL	0.00
5) Phenol-d5	6.76	99	17955m	2.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	10480	2.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	15544	2.33	ng/ul	0.01
13) 4-Methylphenol-d8	8.32	113	13800m	2.20	ng/ul	0.03
19) Nitrobenzene-d5	8.74	128	4976	1.55	ng/ul	0.01
22) 2-Nitrophenol-d4	9.46	143	7158	2.11	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.01	165	14936m	2.28	ng/ul	0.04
29) 4-Chloroaniline-d4	10.55	131	9066m	1.59	ng/ul	0.05
43) Dimethylphthalate-d6	13.65	166	64171	3.11	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	76965	2.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	1723	0.51	ng/ul	0.05
57) Fluorene-d10	15.23	176	58074	3.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	6729m	1.82	ng/ul	0.01
70) Anthracene-d10	17.07	188	93476	3.13	ng/ul	0.00
76) Pyrene-d10	19.38	212	124531	3.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	129885	3.34	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	13.70	163	25786	1.271	ng/ul# 95
55) 2,3,4,6-Tetrachlorophenol	14.87	232	8542m	1.625	ng/ul
68) Pentachlorophenol	16.63	266	171271	41.369	ng/ul 98
69) Phenanthrene	17.02	178	206279	6.056	ng/ul 97
74) Fluoranthene	19.04	202	924669	22.741	ng/ul 97
77) Pyrene	19.41	202	771756	15.124	ng/ul 98
80) Benzo(a)anthracene	21.16	228	143177m	2.823	ng/ul
82) Chrysene	21.22	228	211766	4.551	ng/ul 93
85) Benzo(b)fluoranthene	22.72	252	169183	3.253	ng/ul# 99
88) Benzo(a)pyrene	23.26	252	61092	1.244	ng/ul# 95

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

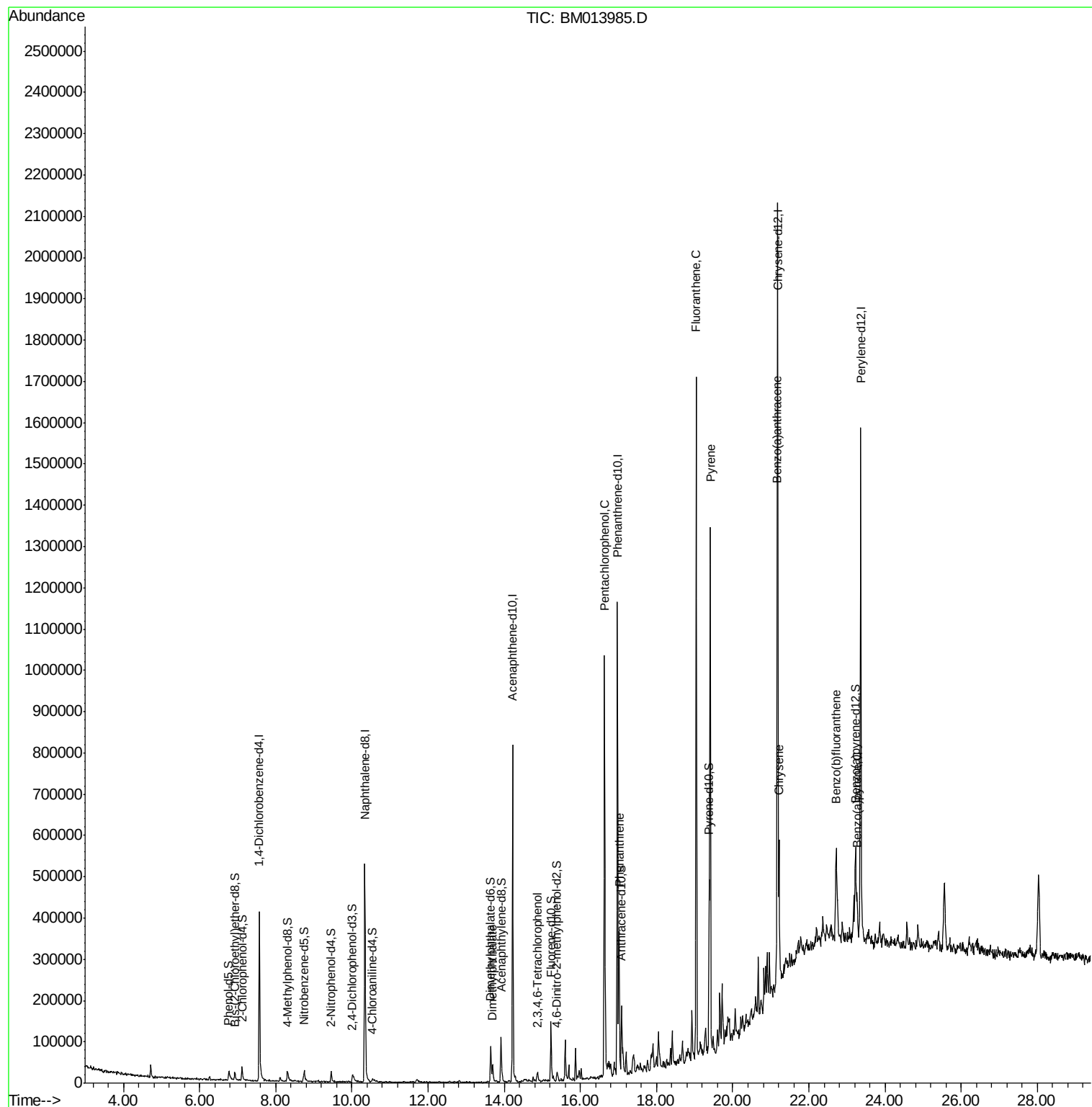
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013985.D
Acq On : 30 Jan 2018 07:28
Operator : SJ/JU
Sample : J1243-05DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

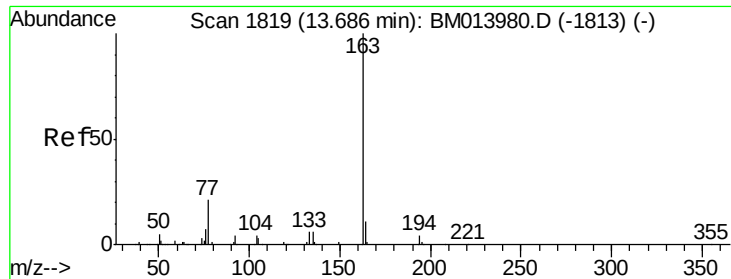
Instrument :
BNA_M
ClientSampleId :
F6B28DL

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Quant Time: Jan 30 08:36:49 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 07:49:34 2018
Response via : Initial Calibration





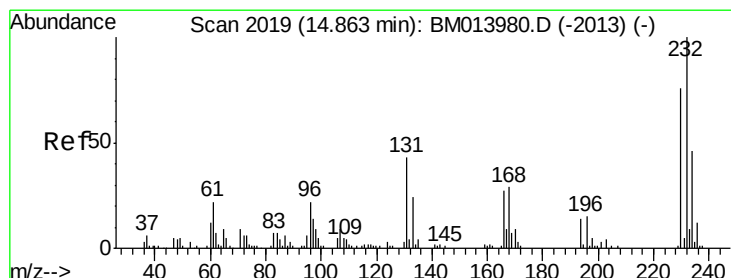
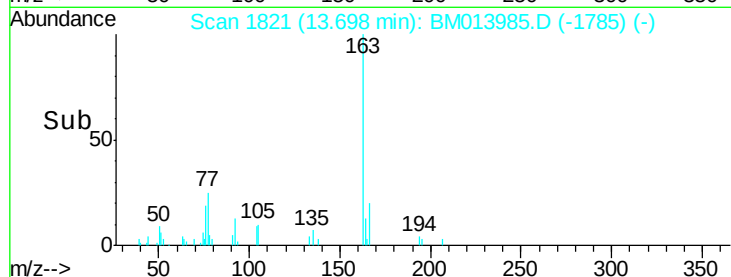
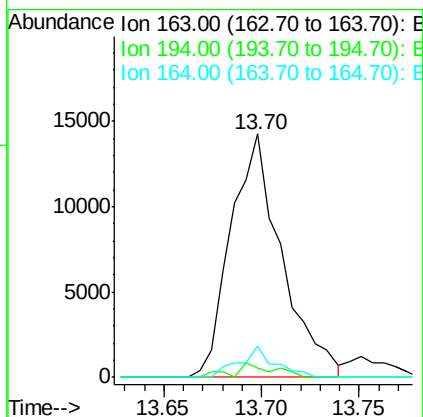
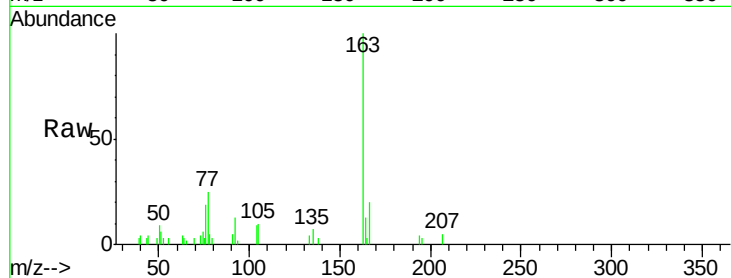
#44
Dimethylphthalate
Concen: 1.271 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. 0.01 min
Lab File: BM013985.D
Acq: 30 Jan 2018 07:28

Instrument :
BNA_M
ClientSampleId :
F6B28DL

Tot Ion	Ratio	Resp	Lower	Upper
163	100	25786		
194	3.8		3.5	5.3
164	12.7		8.2	12.4#

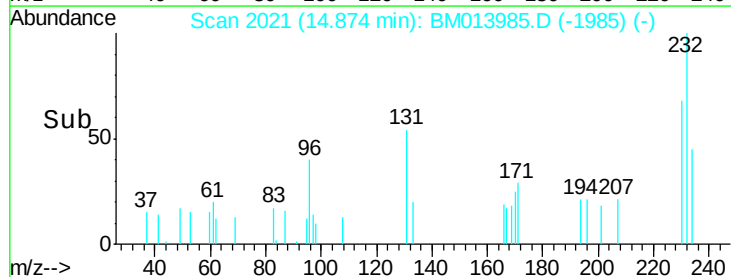
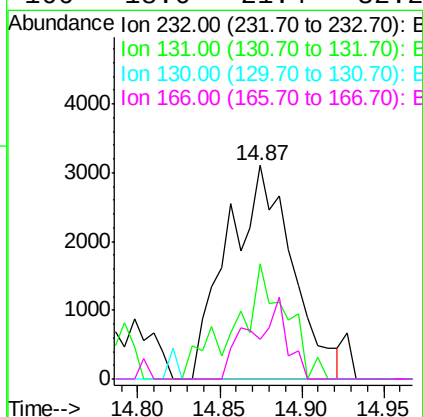
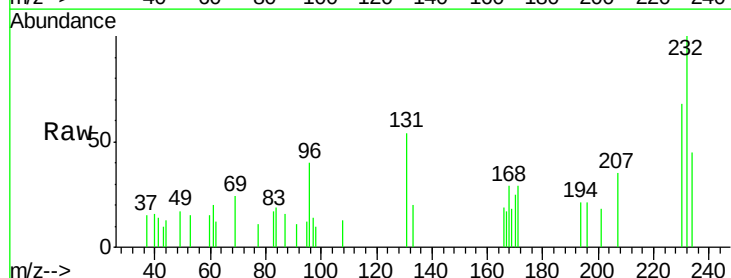
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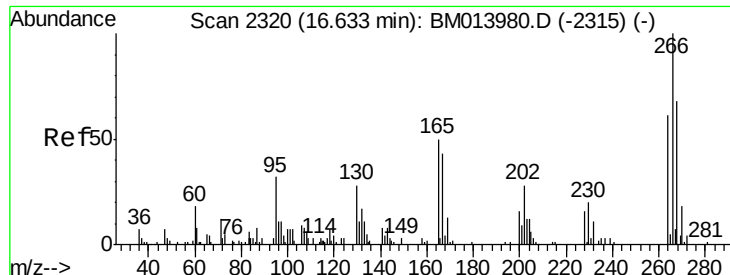
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#55
2,3,4,6-Tetrachlorophenol
Concen: 1.625 ng/ul m
RT: 14.87 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BM013985.D
Acq: 30 Jan 2018 07:28

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	8542		
131	54.2		29.0	43.4#
130	0.0		2.0	3.0#
166	18.6		21.4	32.2#





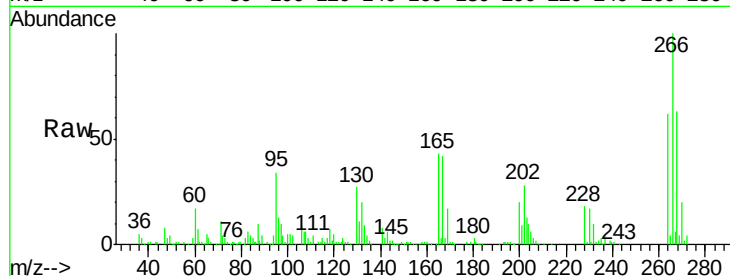
#68
 Pentachlorophenol
 Concen: 41.369 ng/ul
 RT: 16.63 min Scan# 2320
 Delta R.T. 0.00 min
 Lab File: BM013985.D
 Acq: 30 Jan 2018 07:28

Instrument :
 BNA_M
 ClientSampled :
 F6B28DL

Tot Ion	Ratio	Resp	Lower	Upper
266	100	171271		
264	61.5	49.3	73.9	
268	63.0	52.6	78.8	

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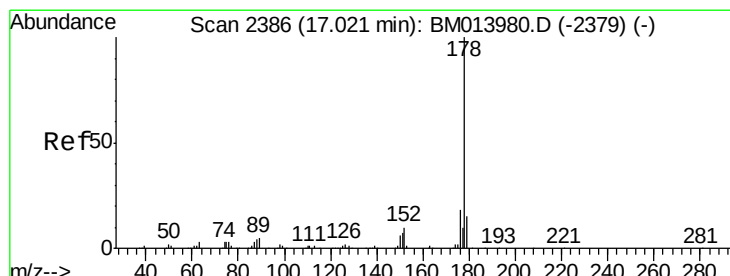
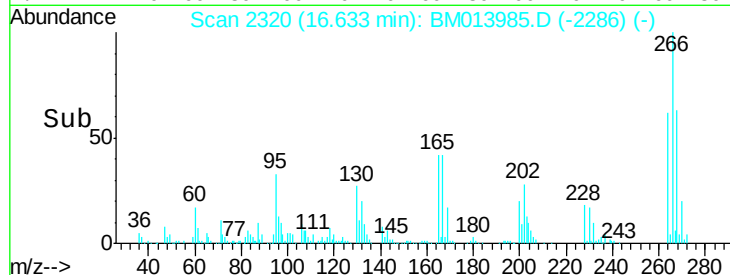
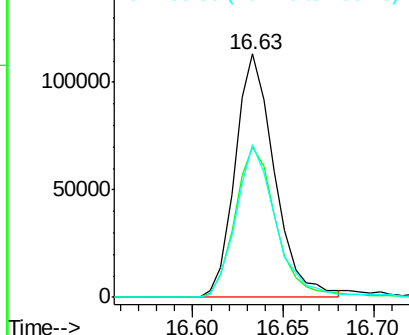


Abundance

Ion 265.70 (265.40 to 266.40): E

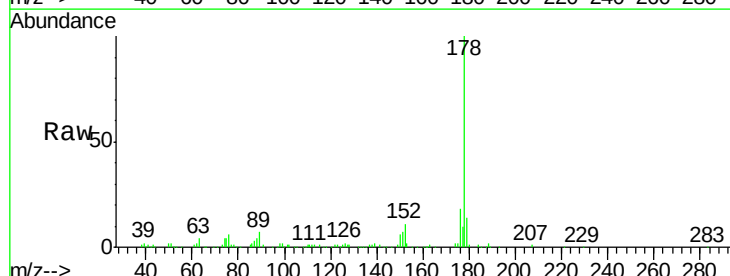
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#69
 Phenanthrene
 Concen: 6.056 ng/ul
 RT: 17.02 min Scan# 2386
 Delta R.T. 0.00 min
 Lab File: BM013985.D
 Acq: 30 Jan 2018 07:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	206279		
179	14.0	12.6	19.0	
176	18.1	14.9	22.3	

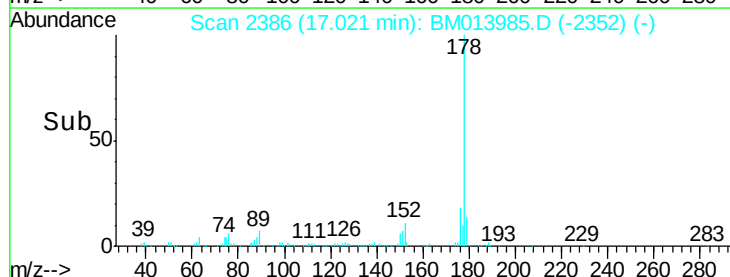
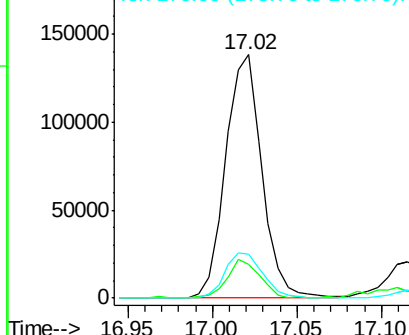


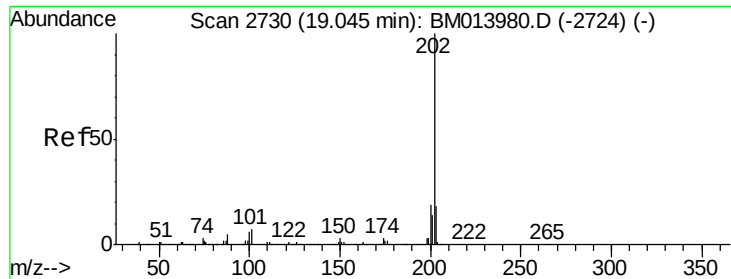
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





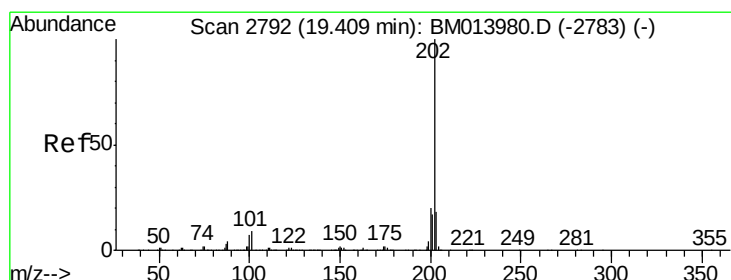
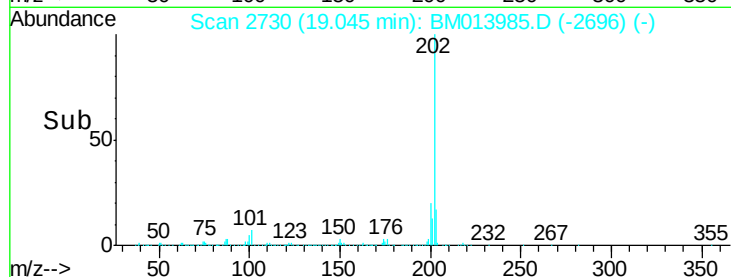
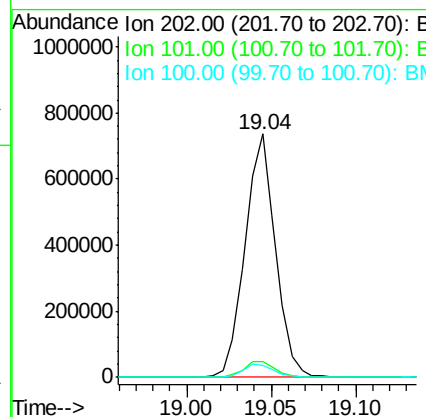
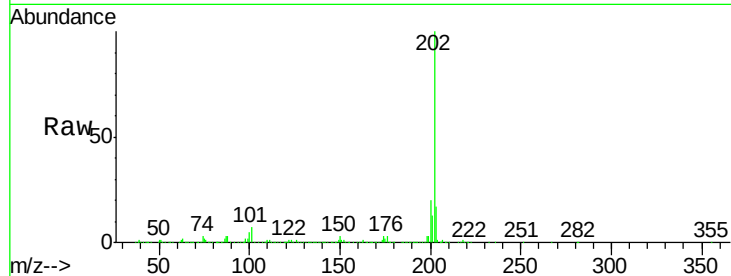
#74
 Fluoranthene
 Concen: 22.741 ng/ul
 RT: 19.04 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: BM013985.D
 Acq: 30 Jan 2018 07:28

Instrument :
 BNA_M
 ClientSampleID :
 F6B28DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		924669		
101	6.7	4.6	7.0		
100	5.2	3.4	5.2		

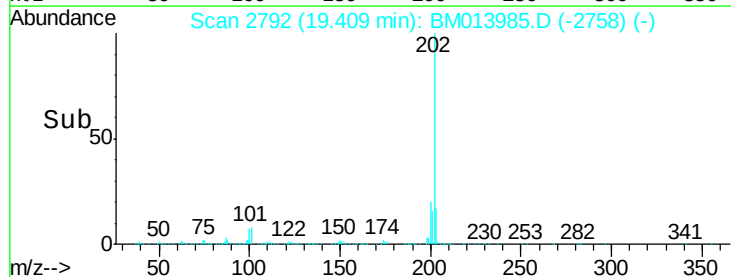
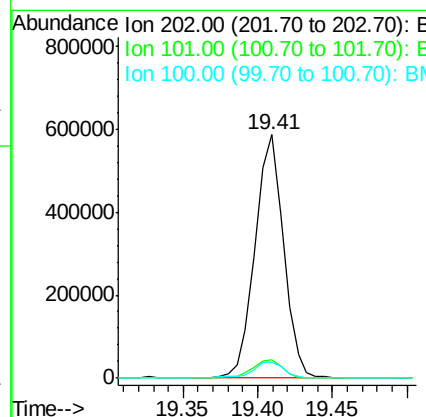
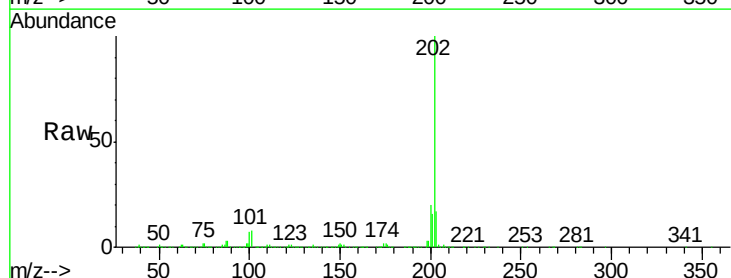
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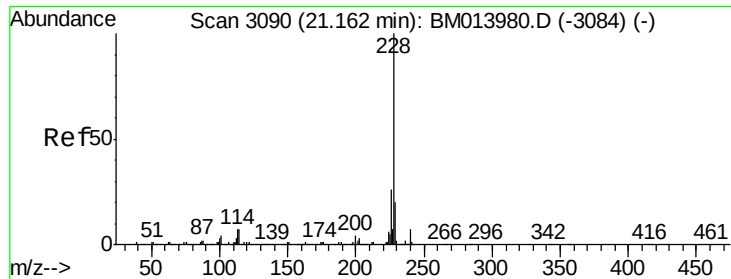
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#77
 Pyrene
 Concen: 15.124 ng/ul
 RT: 19.41 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: BM013985.D
 Acq: 30 Jan 2018 07:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		771756		
101	7.5	5.1	7.7		
100	6.7	4.9	7.3		





#80

Benzo(a)anthracene

Concen: 2.823 ng/ul m

RT: 21.16 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM013985.D

Acq: 30 Jan 2018 07:28

Instrument :

BNA_M

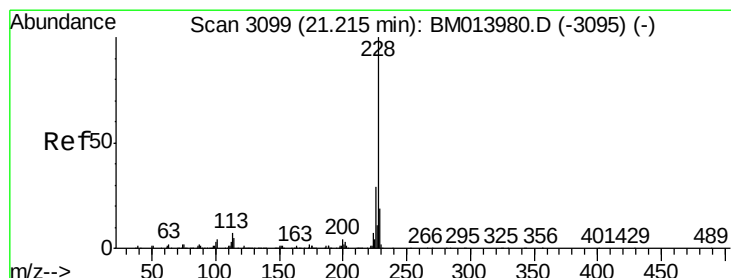
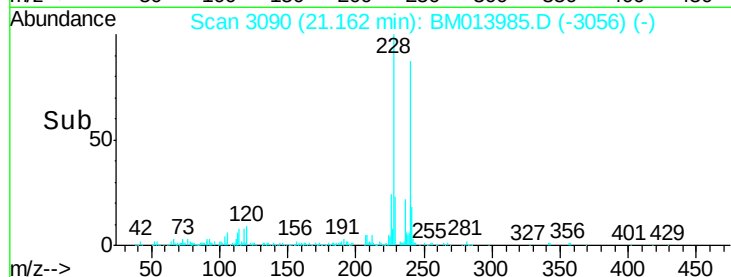
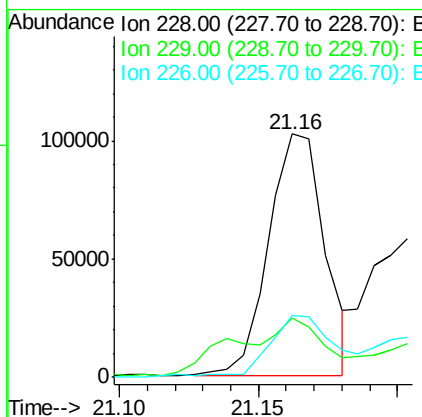
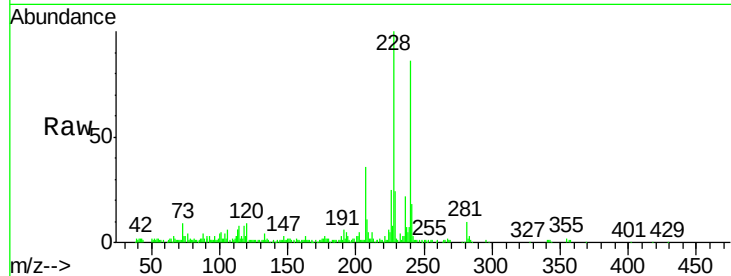
ClientSampled :

F6B28DL

Tot Ion:	228	Resp:	143177
Ion Ratio	Lower	Upper	
228	100		
229	24.4	15.4	23.0#
226	25.3	21.4	32.0

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#82

Chrysene

Concen: 4.551 ng/ul

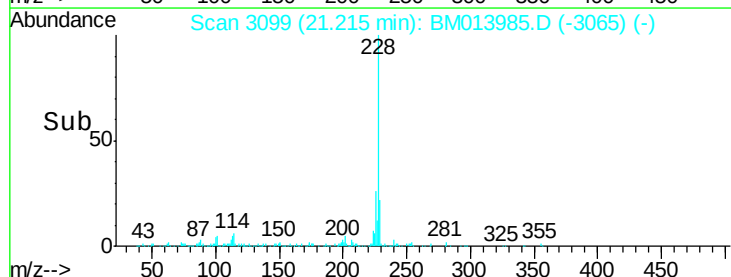
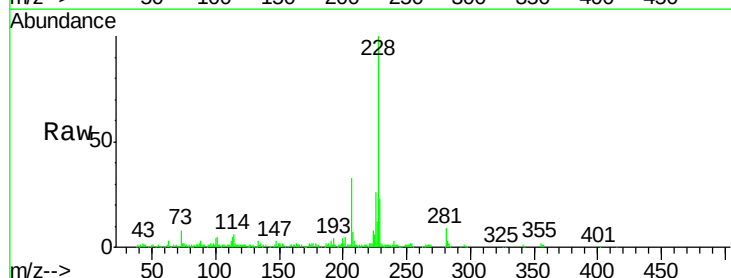
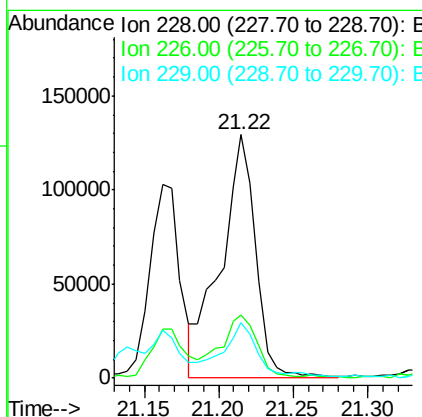
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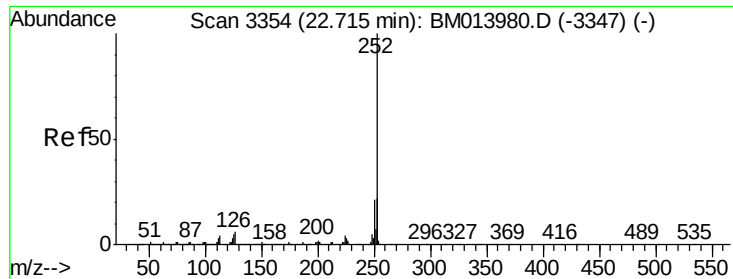
Delta R.T. 0.00 min

Lab File: BM013985.D

Acq: 30 Jan 2018 07:28

Tgt Ion:	228	Resp:	211766
Ion Ratio	Lower	Upper	
228	100		
226	26.1	23.4	35.2
229	22.8	15.5	23.3





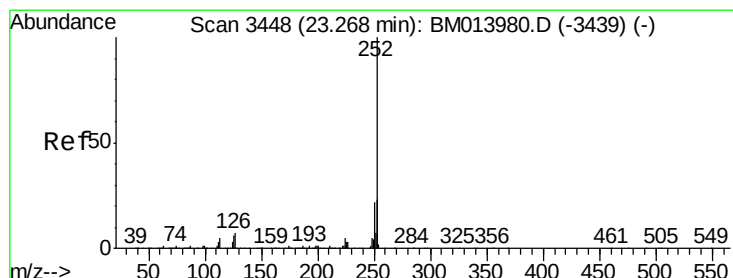
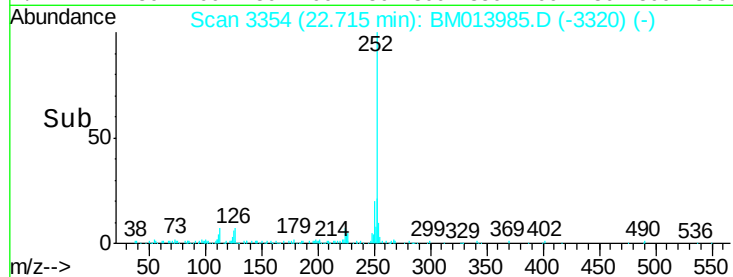
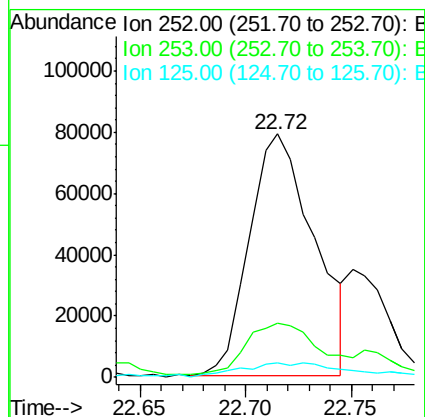
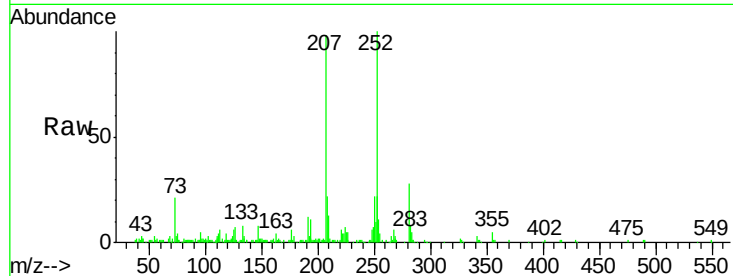
#85
Benzo(b)fluoranthene
Concen: 3.253 ng/ul
RT: 22.72 min Scan# 3354
Delta R.T. 0.00 min
Lab File: BM013985.D
Acq: 30 Jan 2018 07:28

Instrument :
BNA_M
ClientSampleId :
F6B28DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	6.1	3.6	5.4

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#88
Benzo(a)pyrene
Concen: 1.244 ng/ul
RT: 23.26 min Scan# 3447
Delta R.T. -0.01 min
Lab File: BM013985.D
Acq: 30 Jan 2018 07:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.2	27.2
125	6.3	4.0	6.0

