

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110417\
 Data File : BM012736.D
 Acq On : 05 Nov 2017 08:26
 Operator : SJ/JU
 Sample : I5825-14MS 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-19(0-1)-101117MS

Manual Integrations
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Sohil
 11/6/2017 4:24:50 PM

Quant Time: Nov 06 05:26:31 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 03:22:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	109978	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	423035	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	236930	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	487408	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	532249	20.00	ng/ul	0.00
85) Perylene-d12	23.67	264	610845	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	2367	1.16	ng/uL	0.00
5) Phenol-d5	6.99	99	45965	5.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	28917	6.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	35784	5.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	33209	4.70	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	22837	7.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	10374	2.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	29796	4.06	ng/ul	0.01
29) 4-Chloroaniline-d4	10.75	131	22262	3.15	ng/ul	0.01
43) Dimethylphthalate-d6	13.86	166	146315	7.46	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	178081	7.34	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.44	176	124481	7.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.30	188	182433	7.75	ng/ul	0.00
78) Pyrene-d10	19.59	212	194148	7.86	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.52	264	220305	7.63	ng/ul	0.01

Target Compounds

					Ovalue	
6) Phenol	7.02	94	58151	6.923	ng/ul	95
10) 2-Chlorophenol	7.39	128	39582	5.637	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.62	70	27520	5.386	ng/ul	99
33) 4-Chloro-3-methylphenol	11.90	107	40920	5.889	ng/ul	92
44) Dimethylphthalate	13.91	163	75280	3.869	ng/ul	99
49) Acenaphthene	14.52	153	104250	6.510	ng/ul	95
54) 2,4-Dinitrotoluene	14.83	165	28627	4.998	ng/ul#	97
69) Phenanthrene	17.24	178	44514	1.671	ng/ul	98
76) Fluoranthene	19.26	202	114722	3.584	ng/ul#	90
79) Pyrene	19.62	202	317058	9.984	ng/ul#	92
82) Benzo(a)anthracene	21.36	228	69661	2.163	ng/ul#	91
83) Bis(2-ethylhexyl)phthalate	21.29	149	101766	6.032	ng/ul#	92
84) Chrysene	21.41	228	79311	2.717	ng/ul#	92
87) Benzo(b)fluoranthene	22.98	252	130071	3.484	ng/ul#	88
88) Benzo(k)fluoranthene	23.01	252	36550m	1.030	ng/ul	
90) Benzo(a)pyrene	23.56	252	79054	2.226	ng/ul#	86
91) Indeno(1,2,3-cd)pyrene	25.99	276	68223	1.594	ng/ul#	88
93) Benzo(g,h,i)perylene	26.69	276	63834	1.810	ng/ul#	90

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

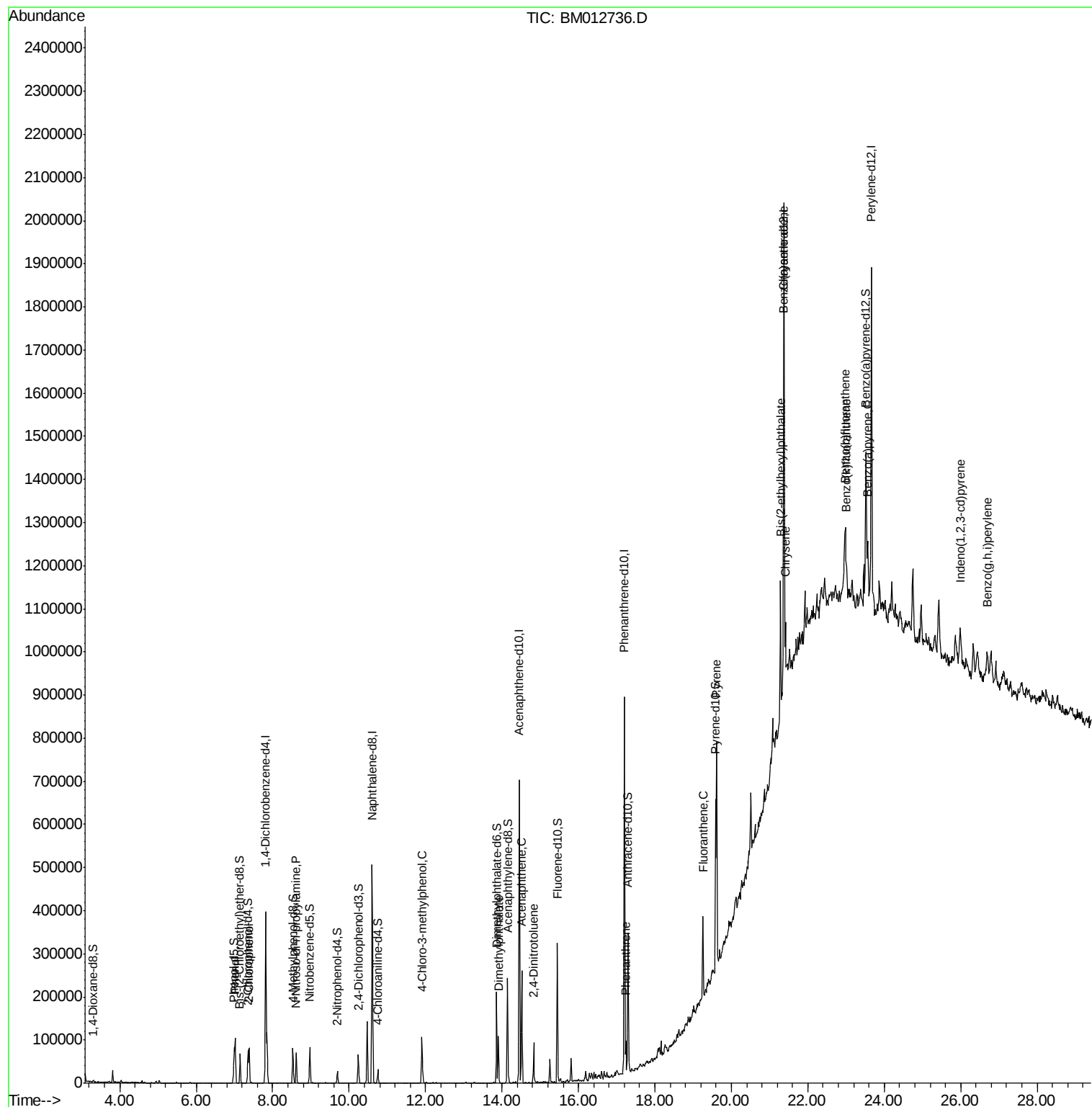
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012736.D
Acq On : 05 Nov 2017 08:26
Operator : SJ/JU
Sample : I5825-14MS 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

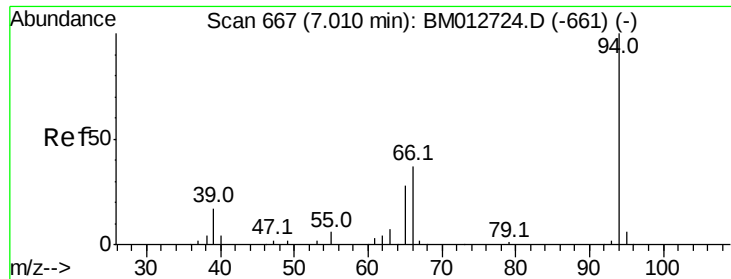
Instrument :
BNA_M
ClientSampleId :
B-19(0-1)-101117MS

Manual Integrations
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Quant Time: Nov 06 05:26:31 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 03:22:07 2017
Response via : Initial Calibration





#6

Phenol

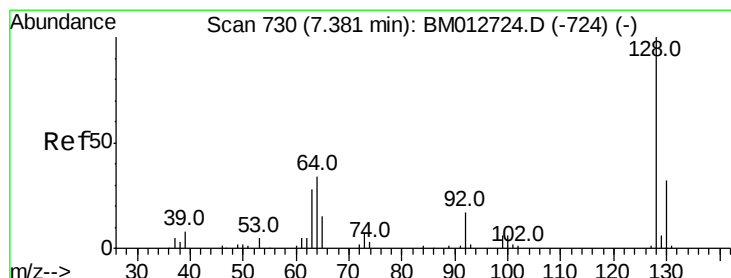
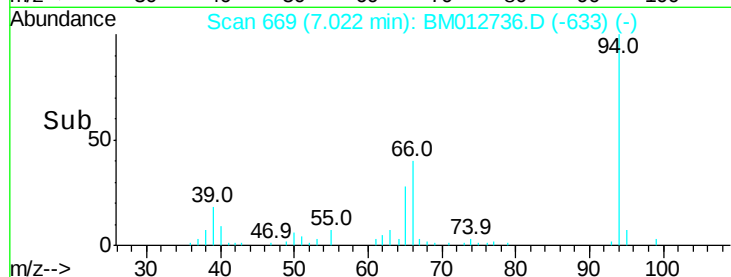
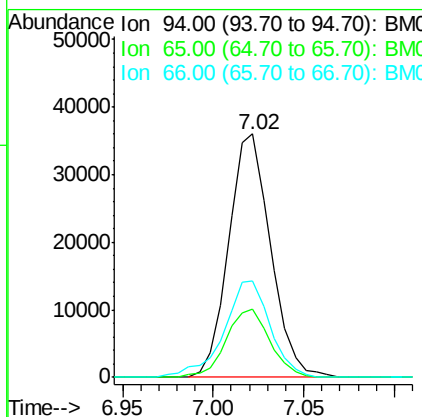
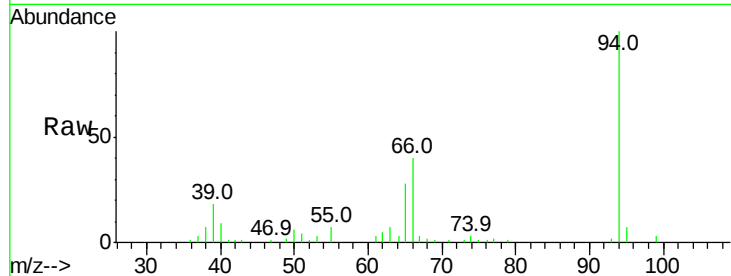
Concen: 6.923 ng/ul
 RT: 7.02 min Scan# 669
 Delta R.T. 0.01 min
 Lab File: BM012736.D
 Acq: 05 Nov 2017 08:26

Instrument :
 BNA_M
 ClientSampleId :
 B-19(0-1)-101117MS

Tot Ion:	94	Resp:	58151
Ion	Ratio	Lower	Upper
94	100		
65	28.3	21.0	31.6
66	39.7	29.3	43.9

Manual Integrations
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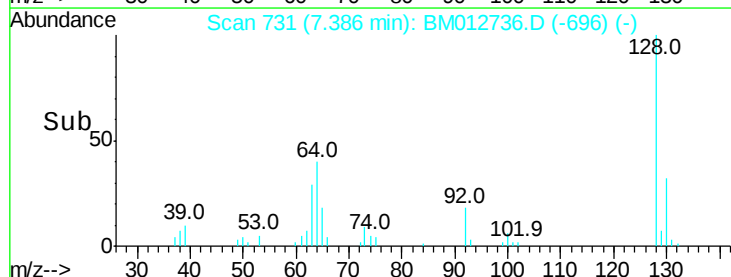
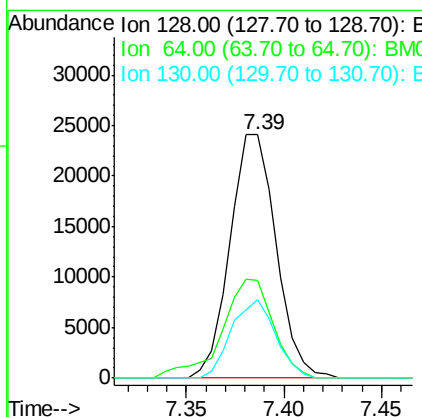
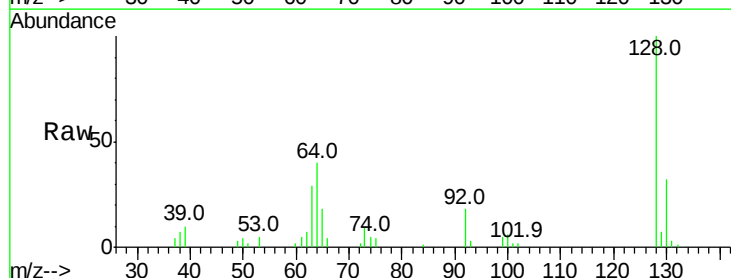


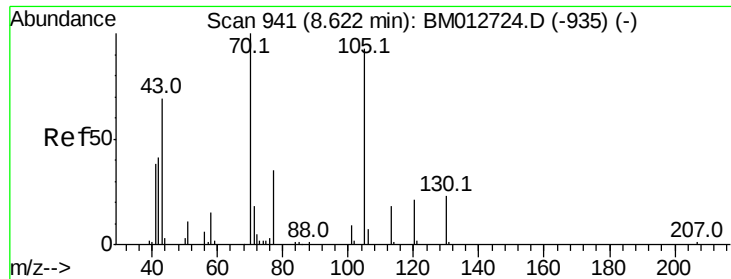
#10

2-Chlorophenol

Concen: 5.637 ng/ul
 RT: 7.39 min Scan# 731
 Delta R.T. 0.01 min
 Lab File: BM012736.D
 Acq: 05 Nov 2017 08:26

Tgt Ion:	128	Resp:	39582
Ion	Ratio	Lower	Upper
128	100		
64	40.2	31.9	47.9
130	32.3	25.6	38.4





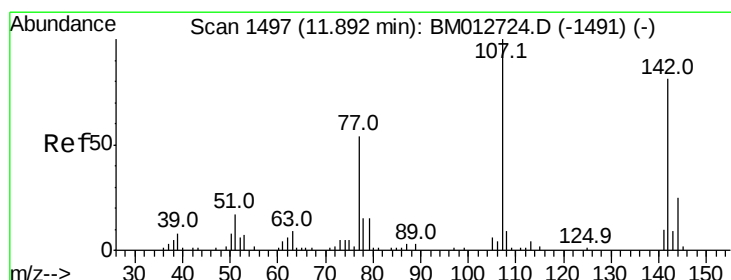
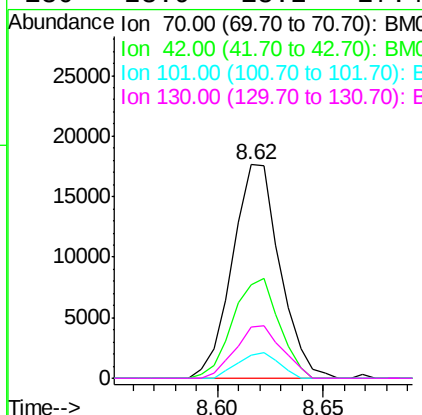
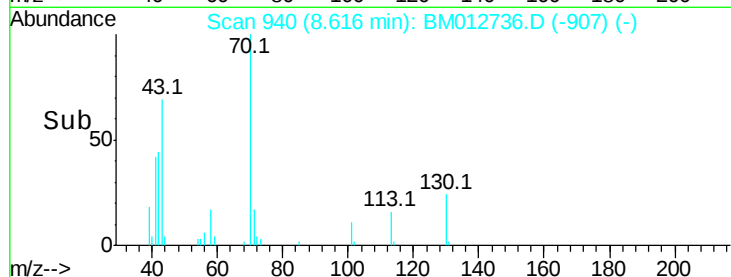
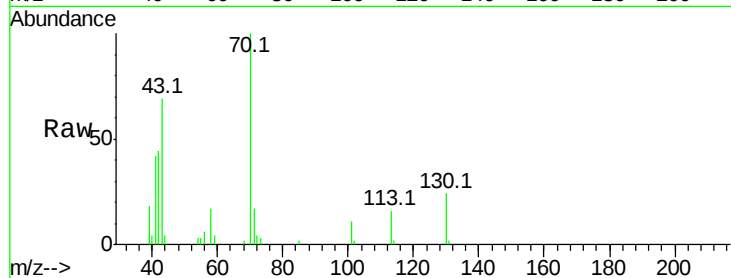
#15
N-Nitroso-di-n-propylamine
Concen: 5.386 ng/ul
RT: 8.62 min Scan# 940
Delta R.T. -0.01 min
Lab File: BM012736.D
Acq: 05 Nov 2017 08:26

Instrument :
BNA_M
ClientSampleId :
B-19(0-1)-101117MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	43.8	35.4	53.0
101	11.0	8.4	12.6
130	23.9	18.2	27.4

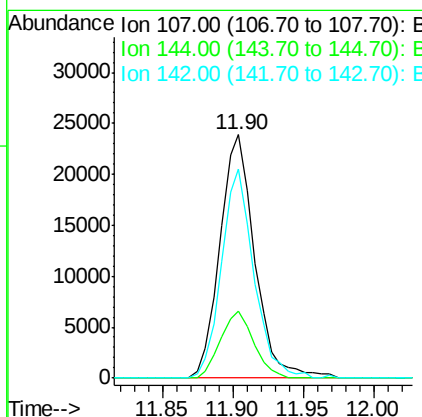
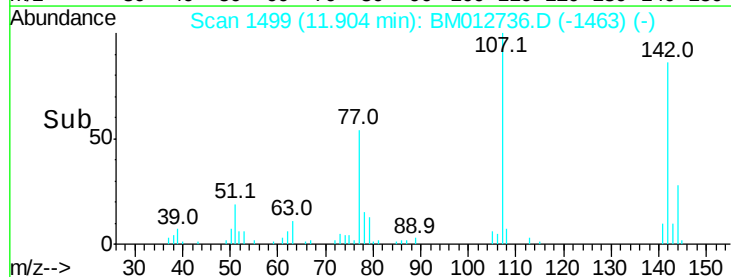
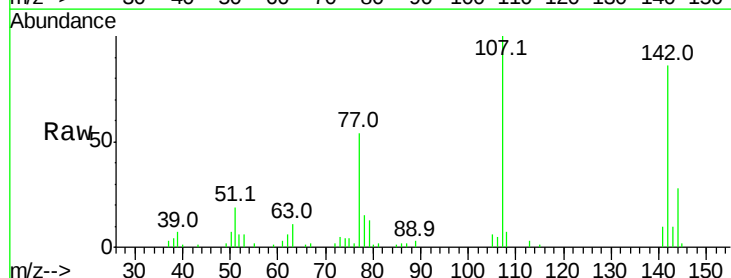
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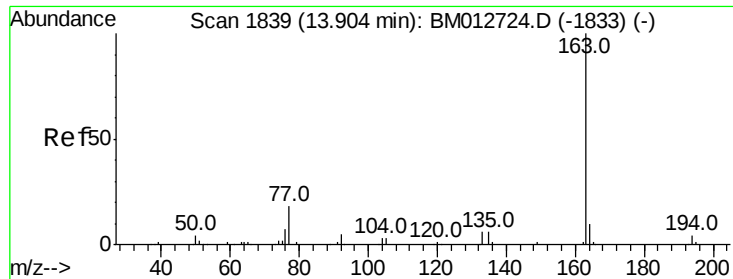
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#33
4-Chloro-3-methylphenol
Concen: 5.889 ng/ul
RT: 11.90 min Scan# 1499
Delta R.T. 0.01 min
Lab File: BM012736.D
Acq: 05 Nov 2017 08:26

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.8	20.4	30.6
142	85.9	62.5	93.7





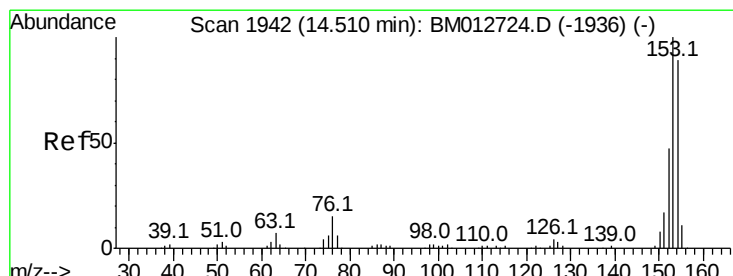
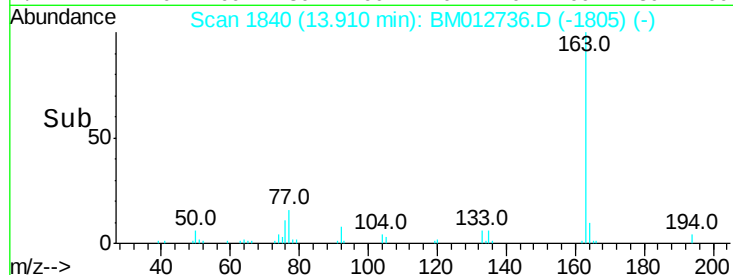
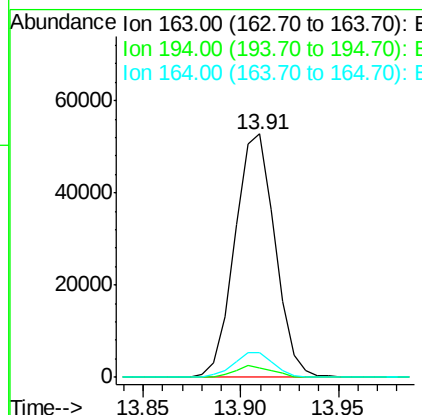
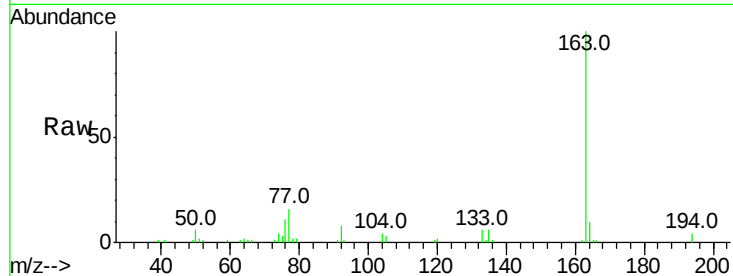
#44
Dimethylphthalate
Concen: 3.869 ng/ul
RT: 13.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BM012736.D
Acq: 05 Nov 2017 08:26

Instrument :
BNA_M
ClientSampleId :
B-19(0-1)-101117MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.1	7.8	11.8

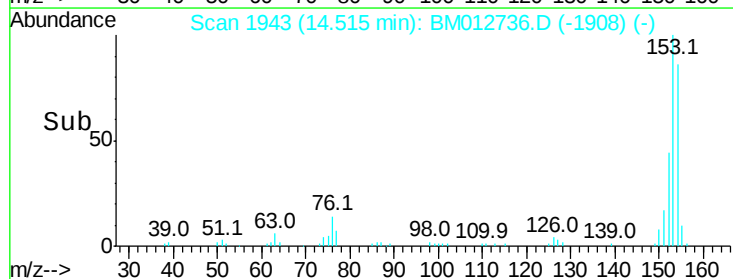
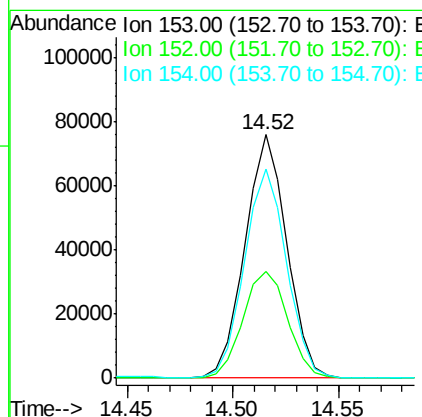
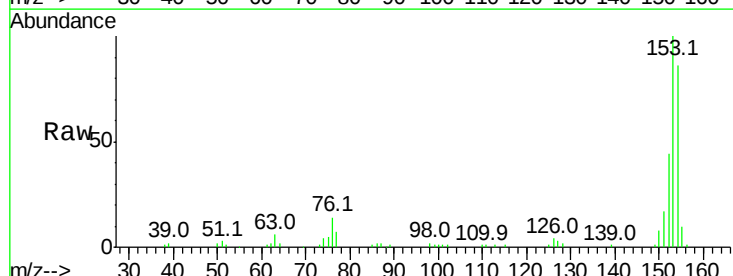
Manual Integrations
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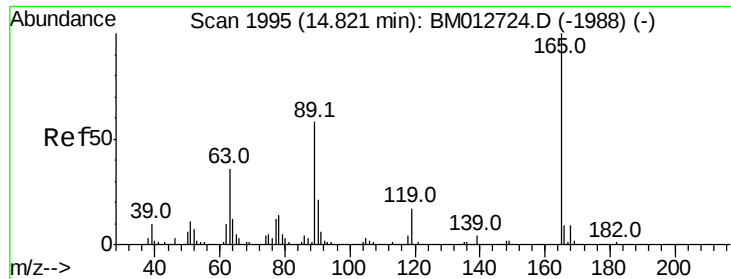
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#49
Acenaphthene
Concen: 6.510 ng/ul
RT: 14.52 min Scan# 1943
Delta R.T. 0.01 min
Lab File: BM012736.D
Acq: 05 Nov 2017 08:26

Tgt Ion	Ratio	Lower	Upper
153	100		
152	44.0	38.3	57.5
154	85.9	71.8	107.8





#54

2,4-Dinitrotoluene

Concen: 4.998 ng/ul

RT: 14.83 min Scan# 1996

Delta R.T. 0.01 min

Lab File: BM012736.D

Acq: 05 Nov 2017 08:26

Instrument :

BNA_M

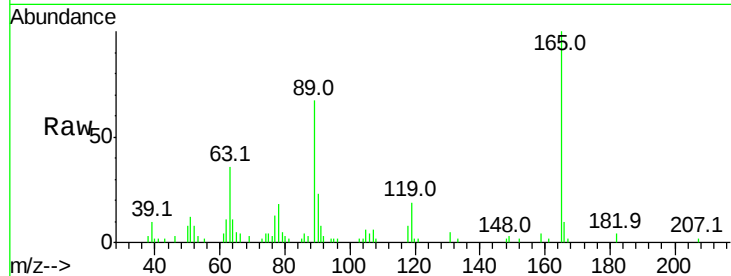
ClientSampleId :

B-19(0-1)-101117MS

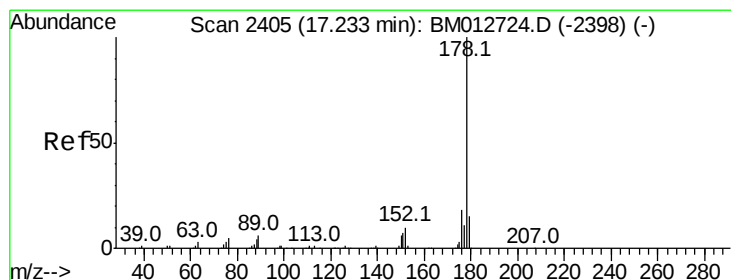
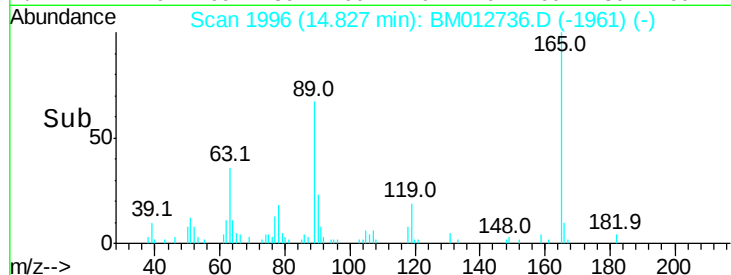
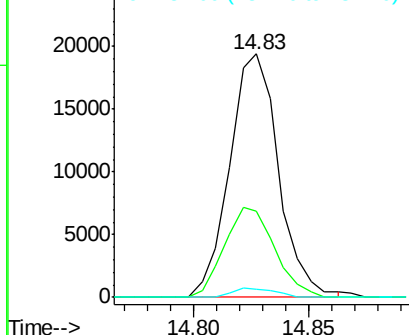
Tot Ion:	165	Resp:	28627
Ion Ratio	Lower	Upper	
165	100		
63	35.6	29.8	44.6
182	3.5	2.2	3.4

Manual Integrations
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 182.00 (181.70 to 182.70): E



#69

Phenanthrene

Concen: 1.671 ng/ul

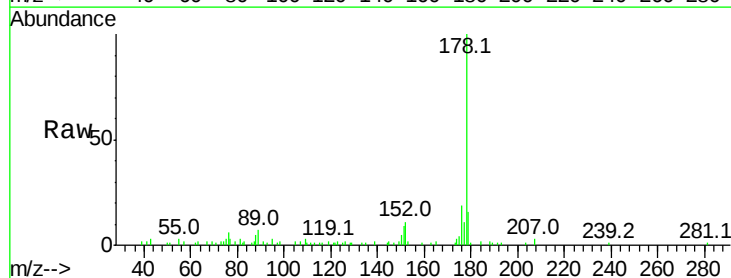
RT: 17.24 min Scan# 2406

Delta R.T. 0.01 min

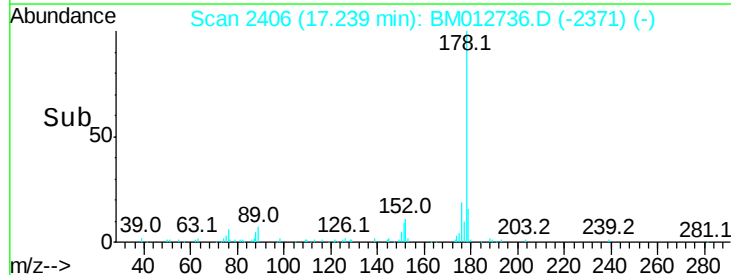
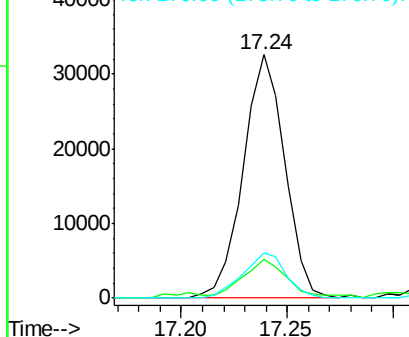
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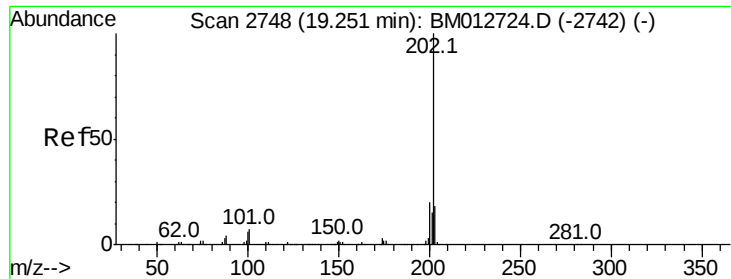
Acq: 05 Nov 2017 08:26

Tgt Ion:	178	Resp:	44514
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.2	18.4
176	18.7	15.6	23.4



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





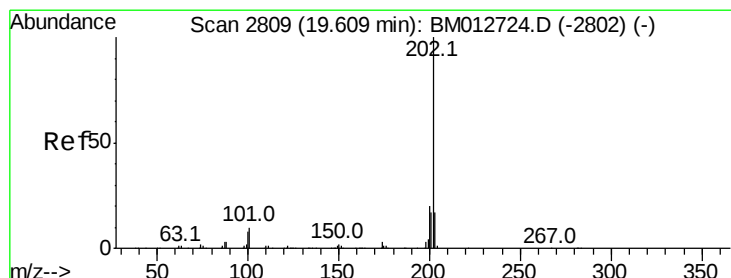
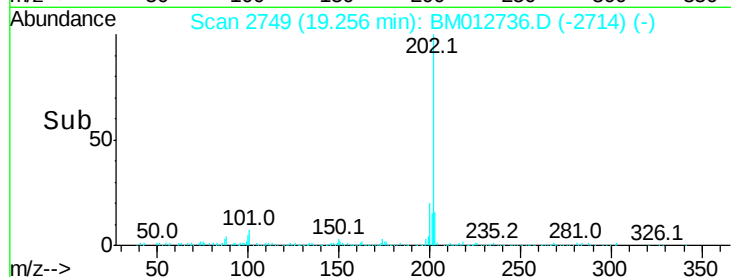
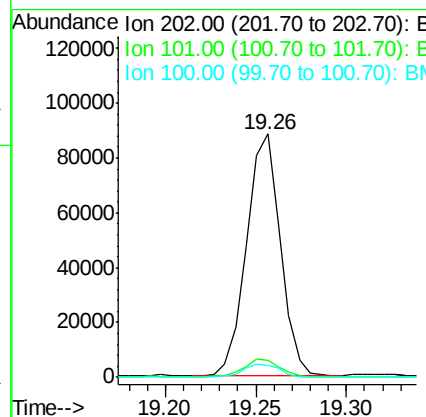
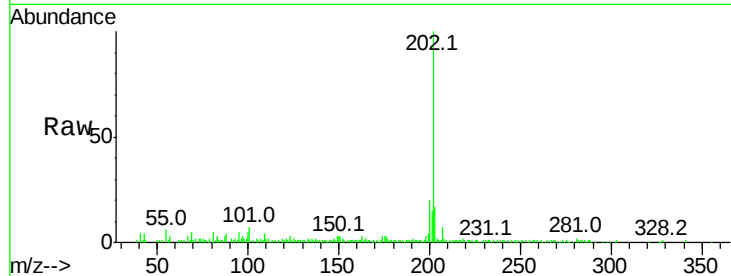
#76
Fluoranthene
Concen: 3.584 ng/ul
RT: 19.26 min Scan# 2749
Delta R.T. 0.01 min
Lab File: BM012736.D
Acq: 05 Nov 2017 08:26

Instrument :
BNA_M
ClientSampleId :
B-19(0-1)-101117MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.0	8.8	13.2#
100	4.9	6.6	9.8#

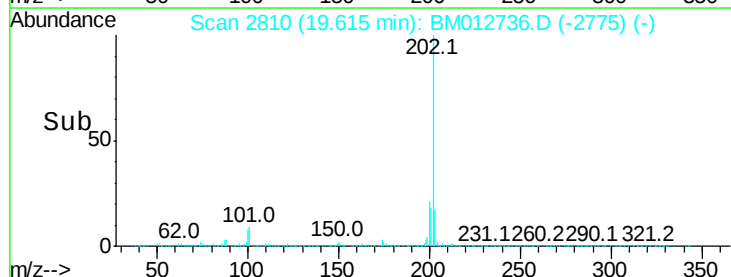
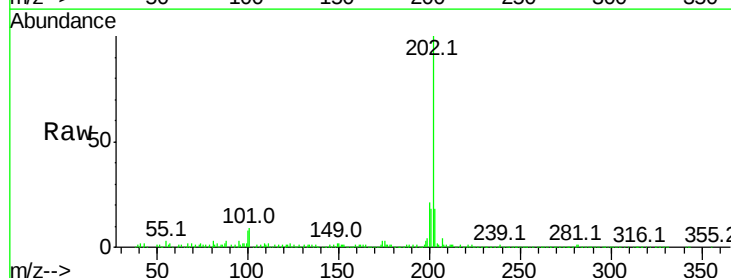
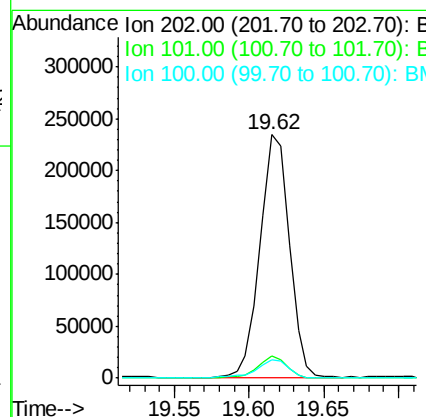
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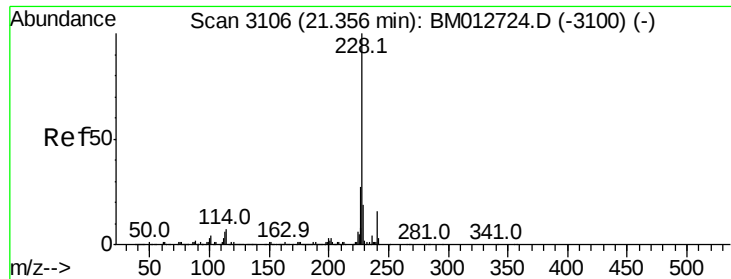
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#79
Pyrene
Concen: 9.984 ng/ul
RT: 19.62 min Scan# 2810
Delta R.T. 0.01 min
Lab File: BM012736.D
Acq: 05 Nov 2017 08:26

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.3	10.2	15.2#
100	7.7	8.5	12.7#





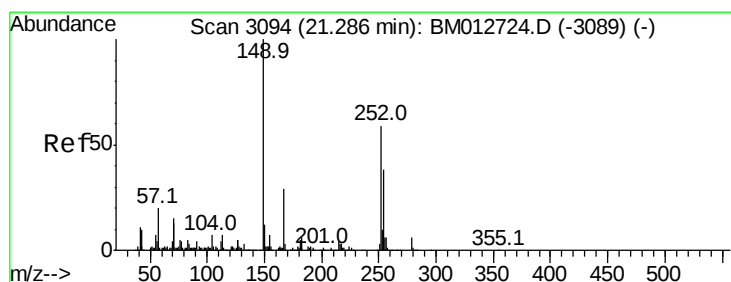
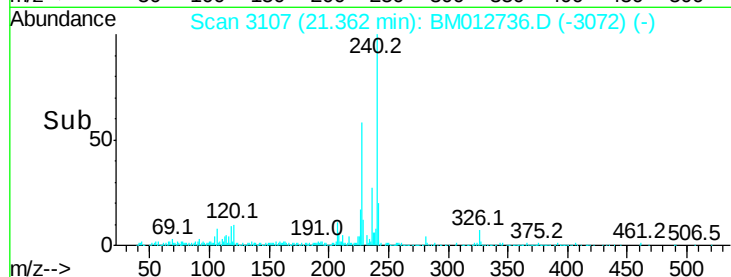
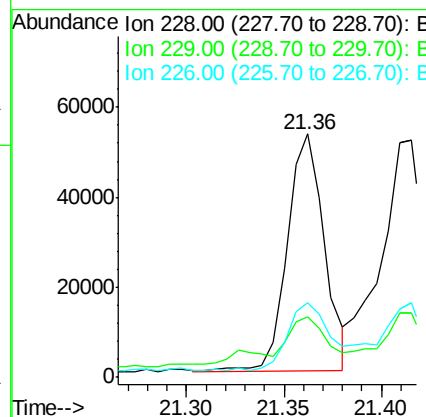
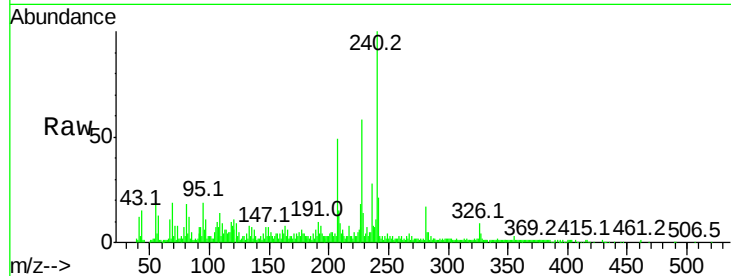
#82
Benzo(a)anthracene
Concen: 2.163 ng/ul
RT: 21.36 min Scan# 3107
Delta R.T. 0.01 min
Lab File: BM012736.D
Acq: 05 Nov 2017 08:26

Instrument :
BNA_M
ClientSampleId :
B-19(0-1)-101117MS

Tot Ion	Ratio	Lower	Upper
228	100		
229	24.7	15.7	23.5#
226	30.8	21.8	32.6

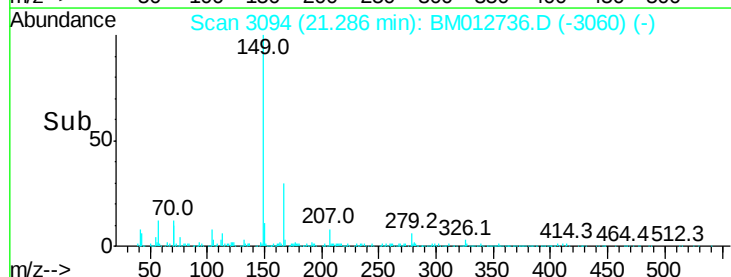
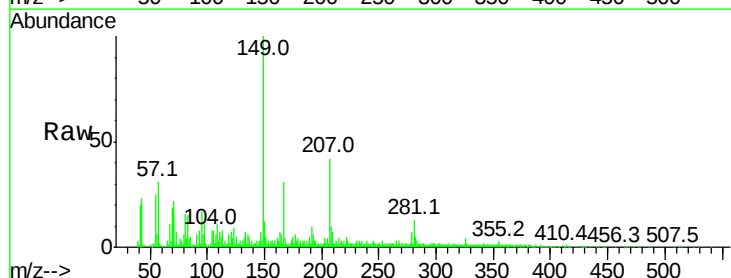
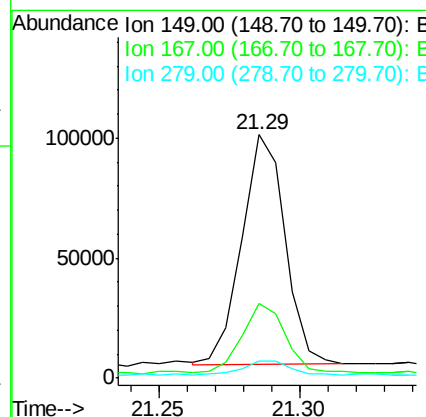
Manual Integrations
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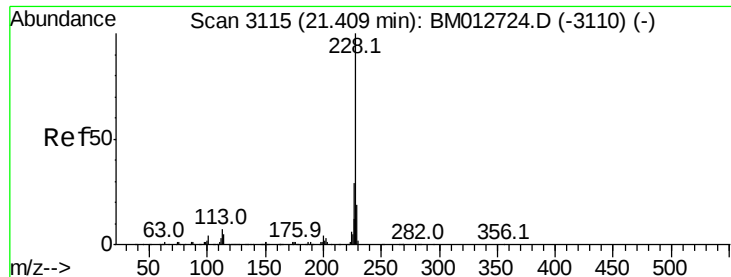
Sohil
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#83
Bis(2-ethylhexyl)phthalate
Concen: 6.032 ng/ul
RT: 21.29 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BM012736.D
Acq: 05 Nov 2017 08:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.8	21.6	32.4
279	7.0	3.0	4.4#





#84

Chrysene

Concen: 2.717 ng/ul

RT: 21.41 min Scan# 3116

Delta R.T. 0.01 min

Lab File: BM012736.D

Acq: 05 Nov 2017 08:26

Instrument :

BNA_M

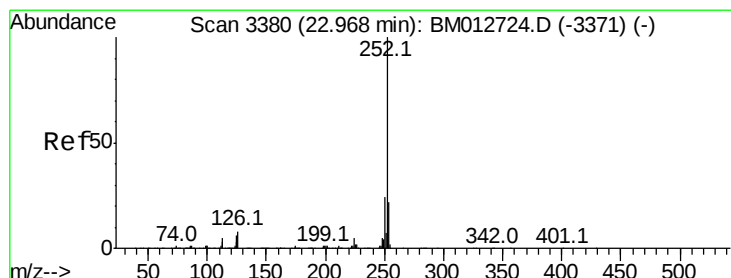
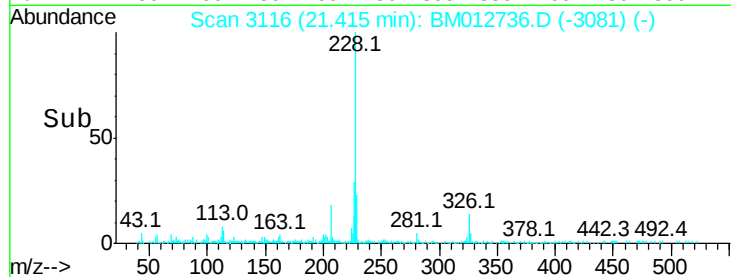
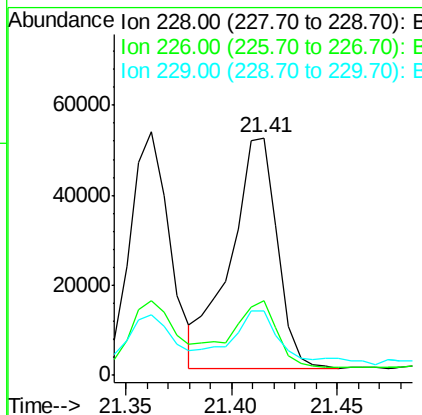
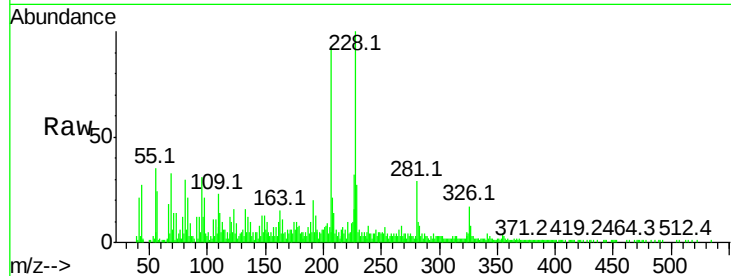
ClientSampleId :

B-19(0-1)-101117MS

Tot Ion:	228	Resp:	79311
Ion Ratio	Lower	Upper	
228	100		
226	31.5	24.0	36.0
229	27.2	15.6	23.4#

Manual Integrations
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Sohil
11/6/2017 4:24:50 PM



#87

Benzo(b)fluoranthene

Concen: 3.484 ng/ul

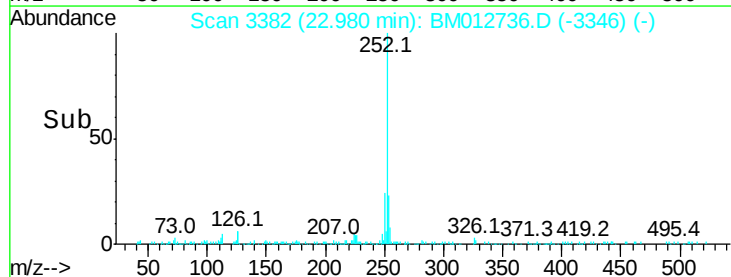
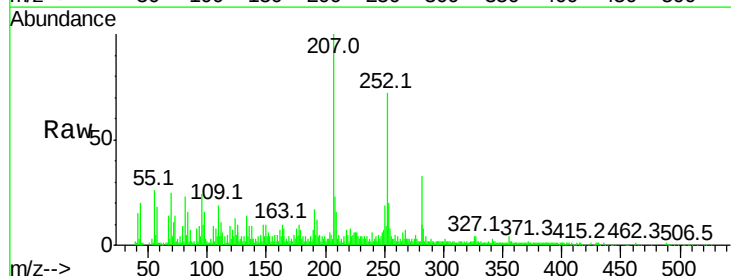
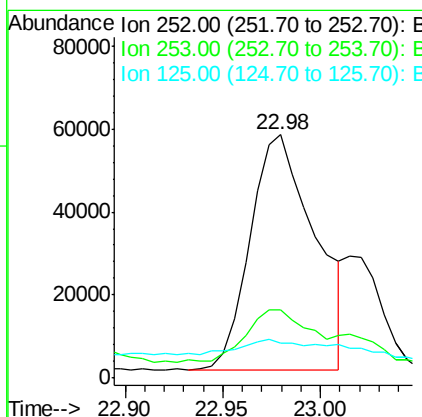
RT: 22.98 min Scan# 3382

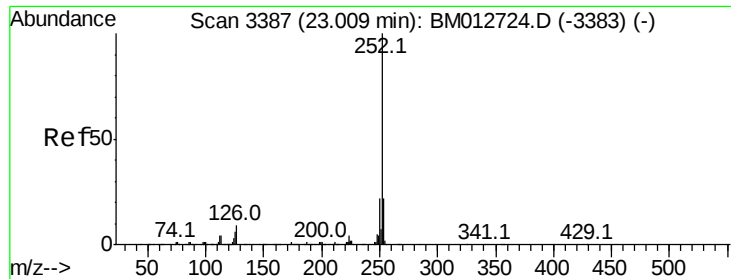
Delta R.T. 0.01 min

Lab File: BM012736.D

Acq: 05 Nov 2017 08:26

Tgt Ion:	252	Resp:	130071
Ion Ratio	Lower	Upper	
252	100		
253	28.3	17.5	26.3#
125	14.5	8.5	12.7#





#88

Benzo(k)fluoranthene

Concen: 1.030 ng/ul m

RT: 23.01 min Scan# 3388

Delta R.T. 0.01 min

Lab File: BM012736.D

Acq: 05 Nov 2017 08:26

Instrument :

BNA_M

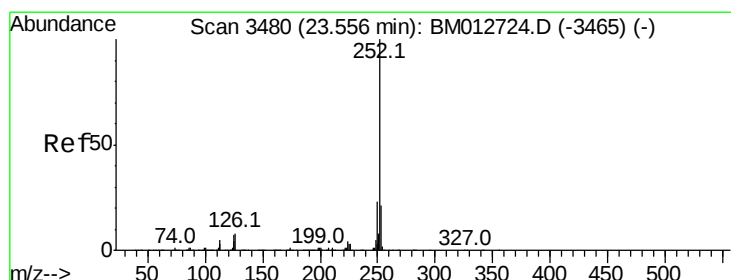
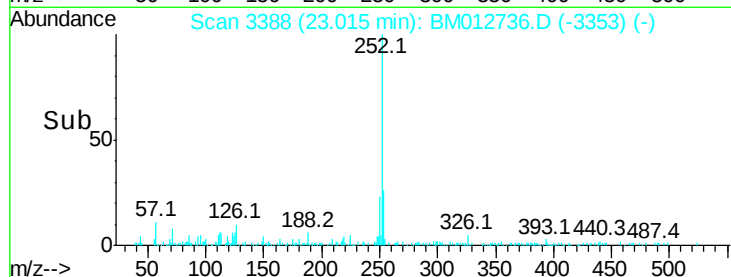
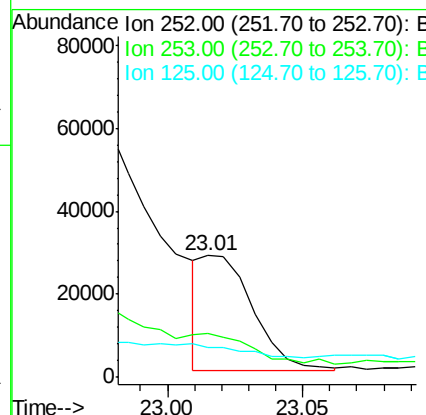
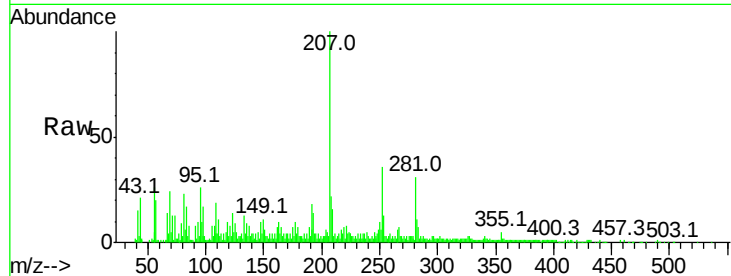
ClientSampleId :

B-19(0-1)-101117MS

Tot Ion:	252	Resp:	36550
Ion Ratio	Lower	Upper	
252	100		
253	35.6	17.3	25.9#
125	24.2	8.2	12.2#

Manual Integrations
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Sohil
11/6/2017 4:24:50 PM



#90

Benzo(a)pyrene

Concen: 2.226 ng/ul

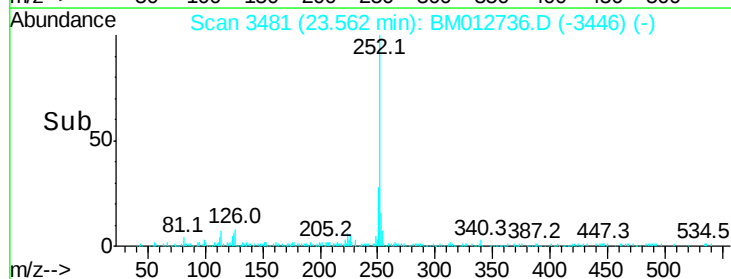
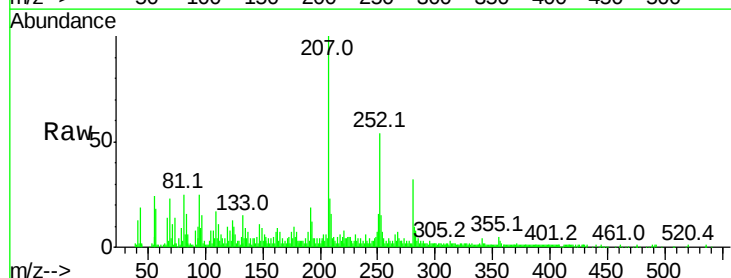
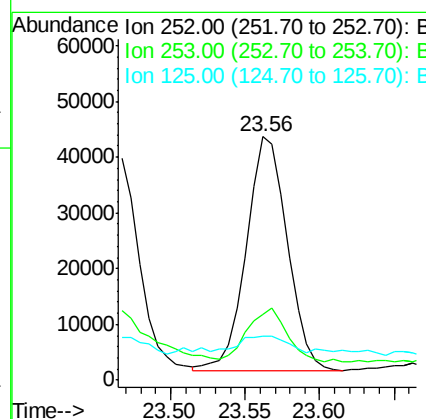
RT: 23.56 min Scan# 3481

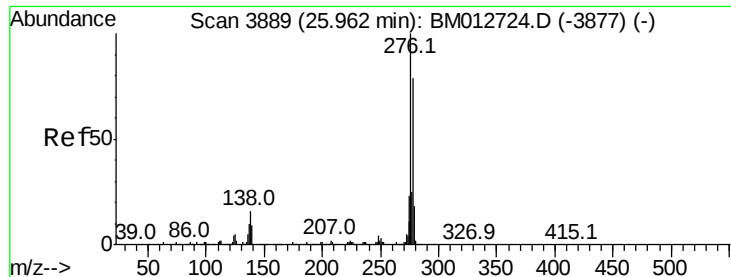
Delta R.T. 0.01 min

Lab File: BM012736.D

Acq: 05 Nov 2017 08:26

Tgt Ion:	252	Resp:	79054
Ion Ratio	Lower	Upper	
252	100		
253	27.2	17.2	25.8#
125	18.0	9.0	13.6#





#91

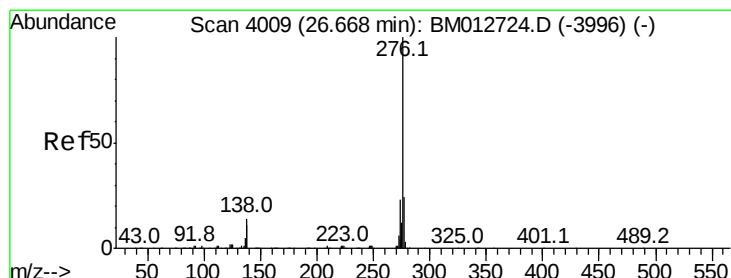
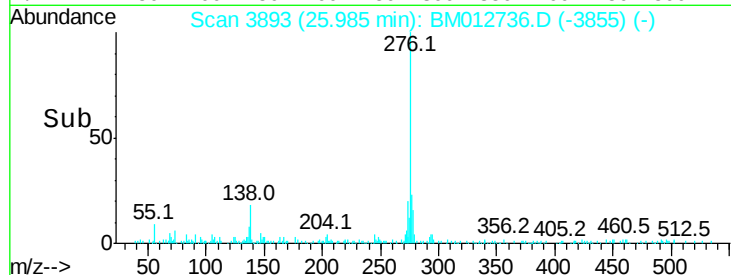
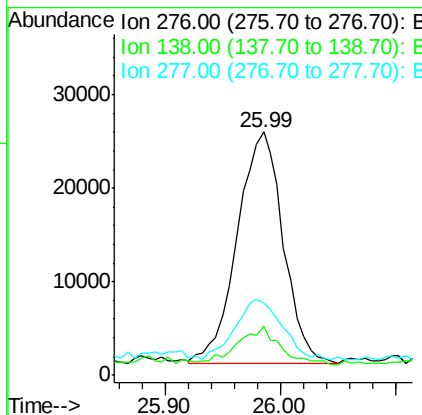
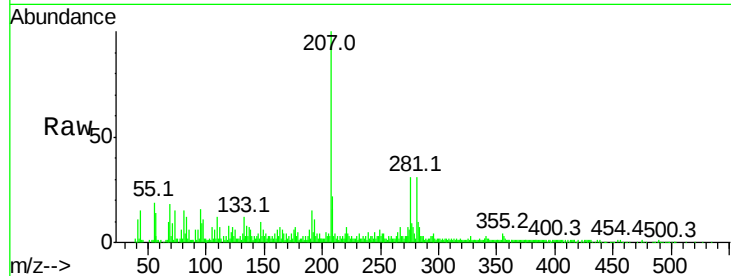
Indeno(1,2,3-cd)pyrene
Concen: 1.594 ng/ul
RT: 25.99 min Scan# 3893
Delta R.T. 0.02 min
Lab File: BM012736.D
Acq: 05 Nov 2017 08:26

Instrument :
BNA_M
ClientSampleId :
B-19(0-1)-101117MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.3	22.3	33.5#
277	29.6	20.2	30.2

Manual Integrations
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Sohil
11/6/2017 4:24:50 PM



#93

Benzo(g,h,i)perylene
Concen: 1.810 ng/ul
RT: 26.69 min Scan# 4013
Delta R.T. 0.02 min
Lab File: BM012736.D
Acq: 05 Nov 2017 08:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.9	18.9	28.3
277	29.7	19.2	28.8#

