

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
 Data File : BM012595.D
 Acq On : 31 Oct 2017 04:11
 Operator : SJ/JU
 Sample : I5719-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-24(0.5-1.5)-100517

Manual Integrations
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Sohil
 10/31/2017 7:47:36 PM

Quant Time: Oct 31 05:30:38 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 31 04:46:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	374734	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1403883	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	805264	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1820990	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	2186817	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	2483819	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	23973m	3.27	ng/uL	0.00
5) Phenol-d5	7.02	99	429211	13.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	268910	14.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	349439	14.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	280829	10.50	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	165289	18.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	184392	20.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	349854	14.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	68772	2.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1046208	14.87	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1291000	15.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	135810	12.99	ng/ul	0.00
57) Fluorene-d10	15.47	176	913019	15.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	101310	11.50	ng/ul	0.00
70) Anthracene-d10	17.33	188	1372086	15.81	ng/ul	0.00
76) Pyrene-d10	19.62	212	1562839	15.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1807191	15.31	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.05	94	85948	2.637	ng/ul#	84
28) Naphthalene	10.70	128	88483	1.271	ng/ul	99
44) Dimethylphthalate	13.94	163	715934	10.289	ng/ul	98
49) Acenaphthene	14.55	153	112218	2.063	ng/ul	99
69) Phenanthrene	17.27	178	1880030	19.091	ng/ul	99
71) Anthracene	17.36	178	397752	3.908	ng/ul	98
72) Carbazole	17.63	167	223646	2.653	ng/ul	98
74) Fluoranthene	19.28	202	5284494	47.358	ng/ul#	91
77) Pyrene	19.64	202	4965754	39.931	ng/ul#	90
80) Benzo(a)anthracene	21.39	228	3000526	22.913	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.32	149	769846	10.328	ng/ul	99
82) Chrysene	21.44	228	3201910	27.501	ng/ul	96
85) Benzo(b)fluoranthene	23.02	252	5214196	33.960	ng/ul#	97
86) Benzo(k)fluoranthene	23.05	252	1854203m	12.831	ng/ul	
88) Benzo(a)pyrene	23.60	252	3461342	23.644	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.04	276	2930834	17.011	ng/ul#	97
90) Dibenzo(a,h)anthracene	26.04	278	764701	5.235	ng/ul#	85
91) Benzo(g,h,i)perylene	26.76	276	2627250	18.815	ng/ul#	93

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

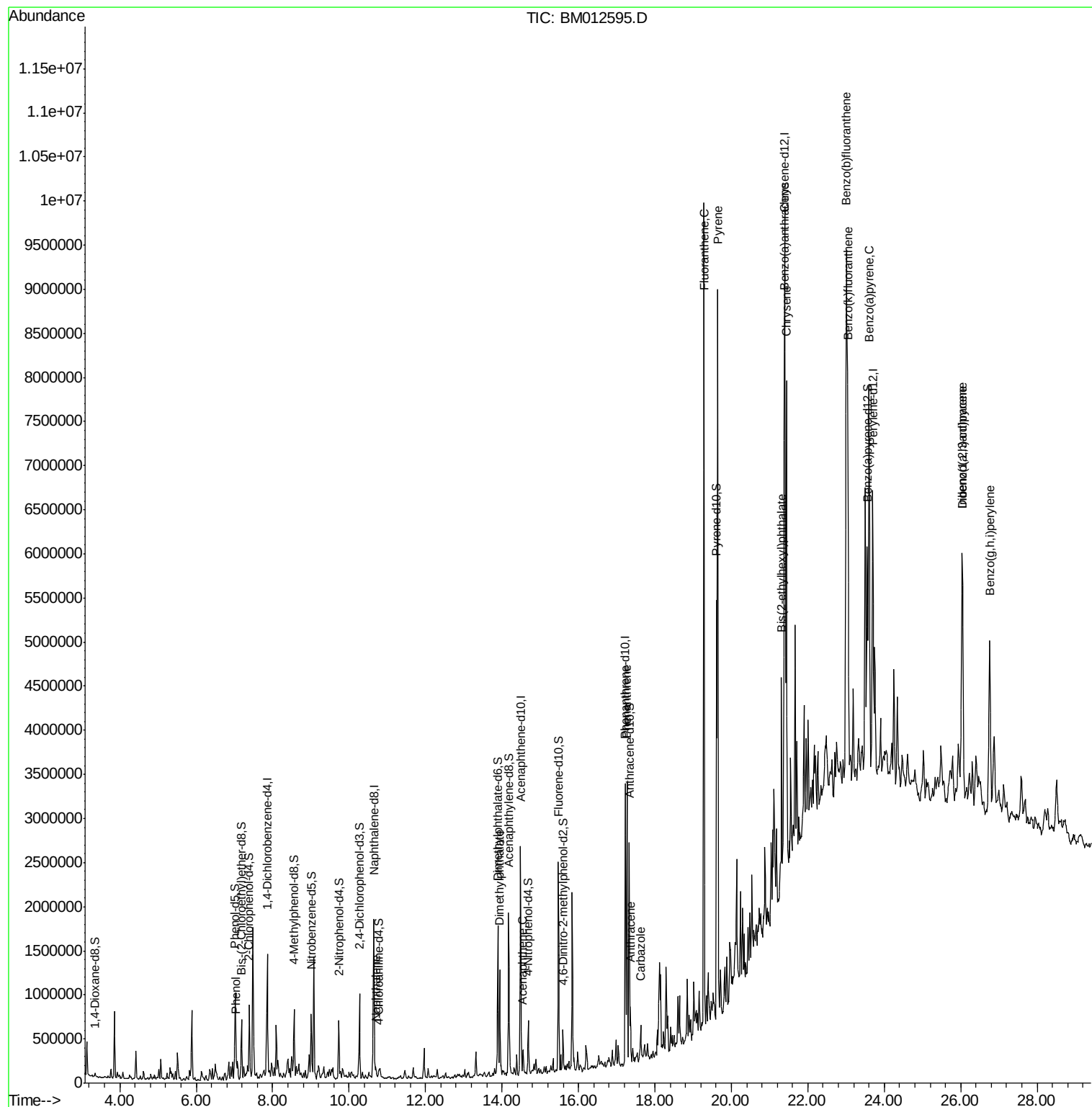
Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
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Acq On : 31 Oct 2017 04:11
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ALS Vial : 27 Sample Multiplier: 1

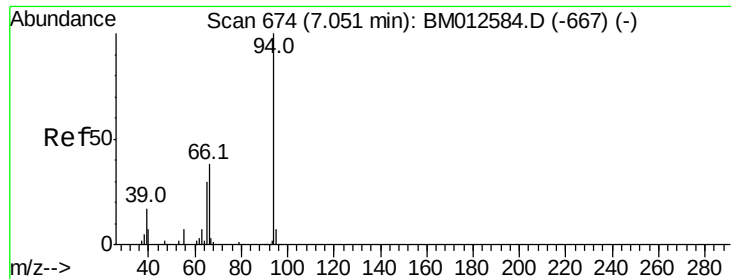
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 31 04:46:13 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.637 ng/ul

RT: 7.05 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM012595.D

Acq: 31 Oct 2017 04:11

Instrument :

BNA_M

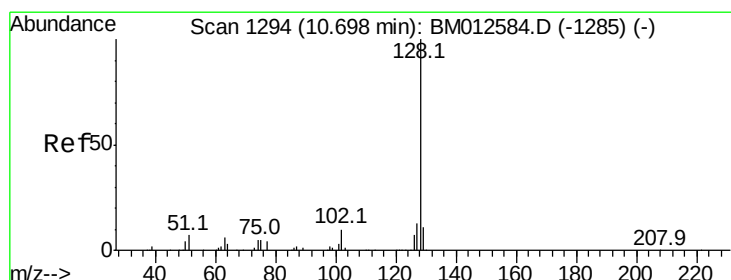
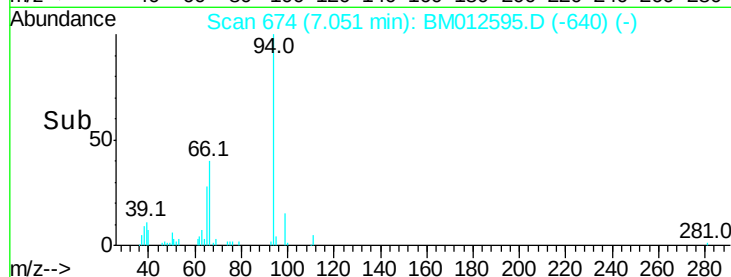
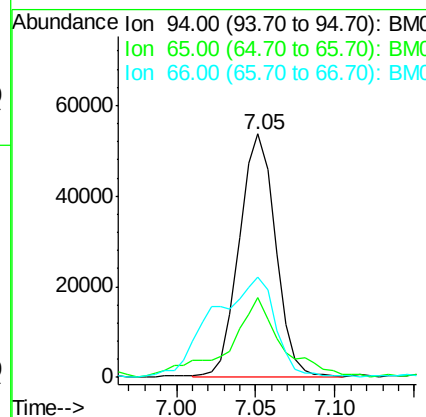
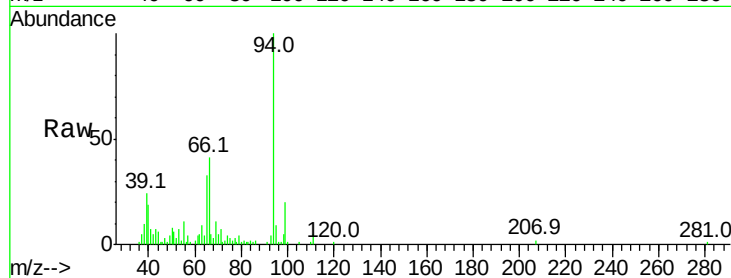
ClientSampleId :

B-24(0.5-1.5)-100517

Tot Ion:	94	Resp:	85948
Ion Ratio	Lower	Upper	
94	100		
65	32.9	28.2	42.4
66	41.2	47.2	70.8#

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#28

Naphthalene

Concen: 1.271 ng/ul

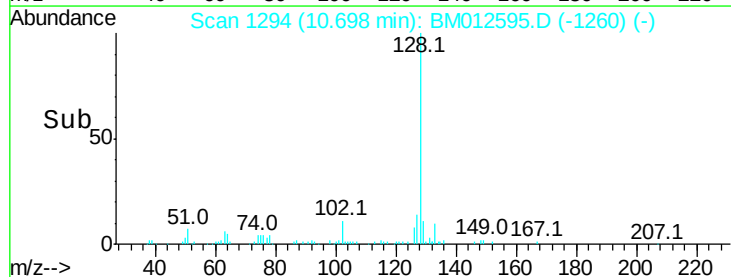
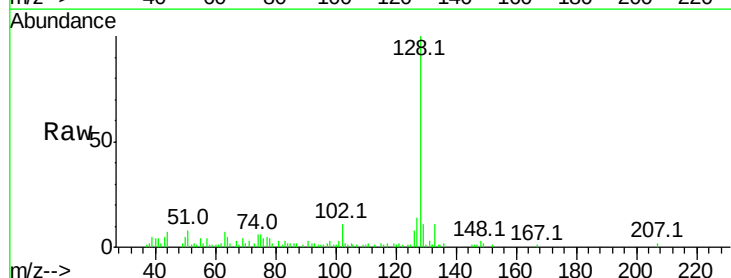
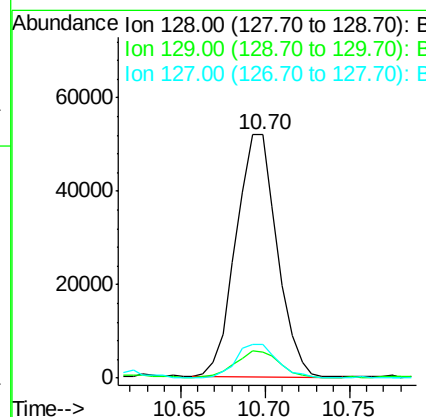
RT: 10.70 min Scan# 1294

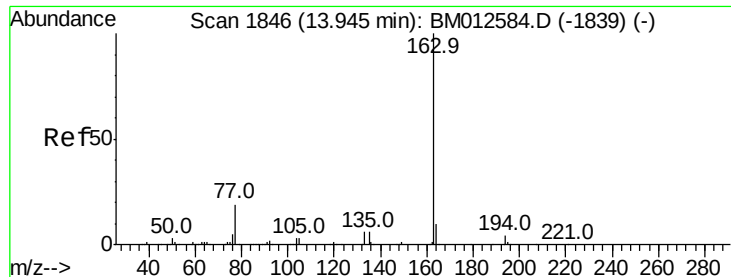
Delta R.T. 0.00 min

Lab File: BM012595.D

Acq: 31 Oct 2017 04:11

Tgt Ion:	128	Resp:	88483
Ion Ratio	Lower	Upper	
128	100		
129	10.6	8.8	13.2
127	13.6	10.6	16.0





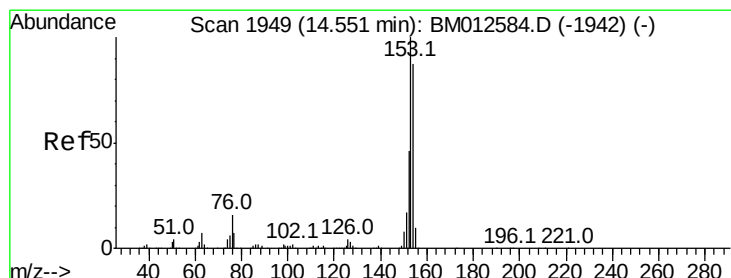
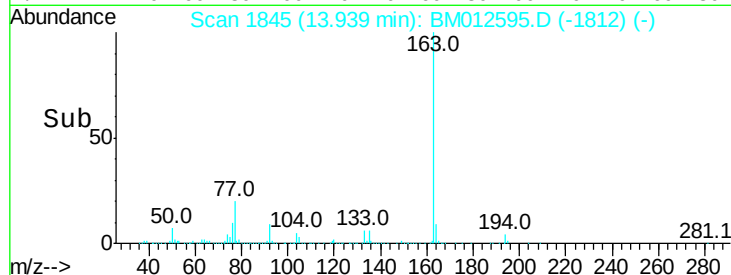
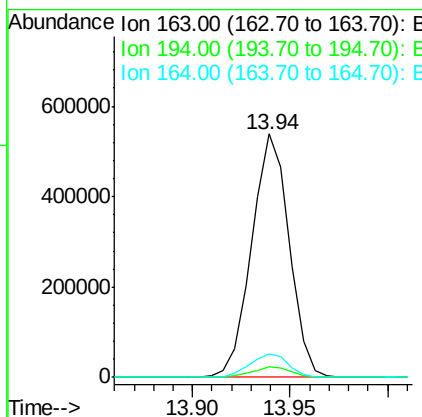
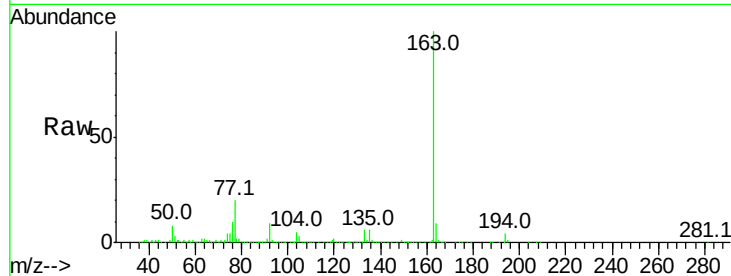
#44
Dimethylphthalate
Concen: 10.289 ng/ul
RT: 13.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BM012595.D
Acq: 31 Oct 2017 04:11

Instrument :
BNA_M
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B-24(0.5-1.5)-100517

Tot Ion	Ratio	Resp	Lower	Upper
163	100	715934		
194	4.3		3.5	5.3
164	9.5		8.2	12.4

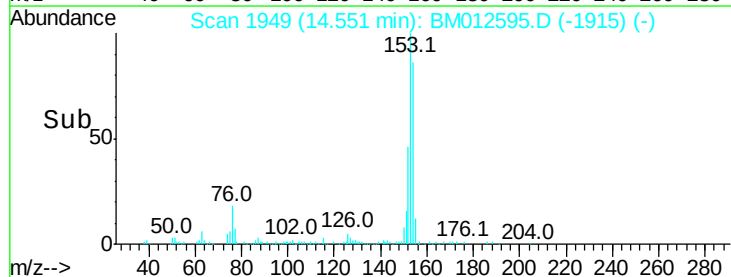
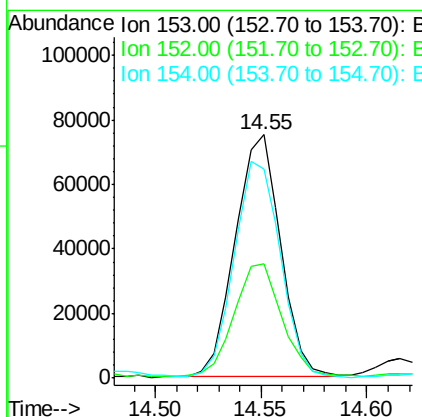
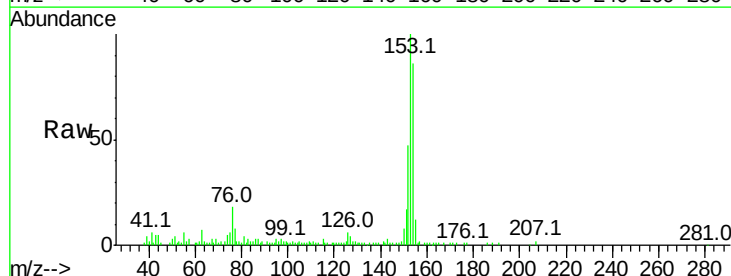
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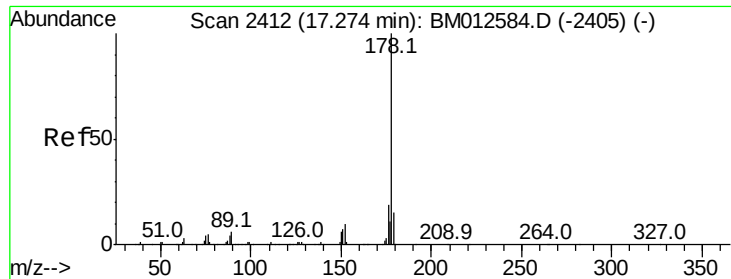
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#49
Acenaphthene
Concen: 2.063 ng/ul
RT: 14.55 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BM012595.D
Acq: 31 Oct 2017 04:11

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	112218		
152	47.0		37.6	56.4
154	86.0		70.4	105.6





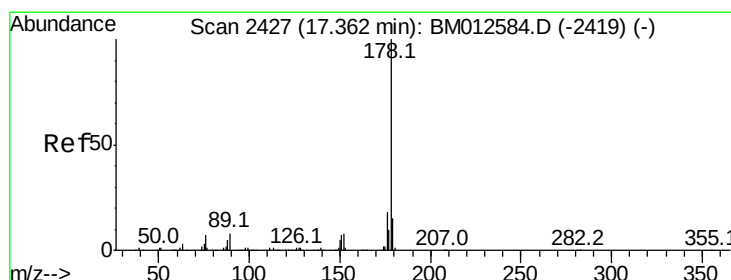
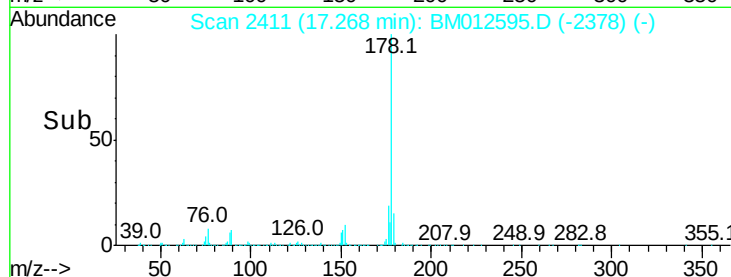
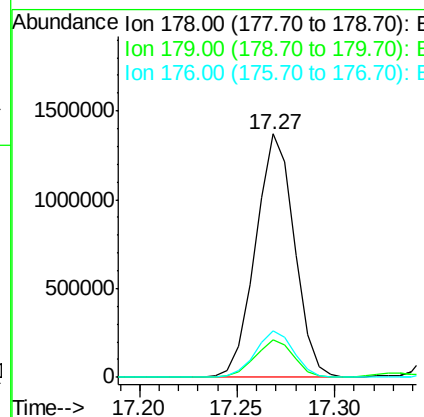
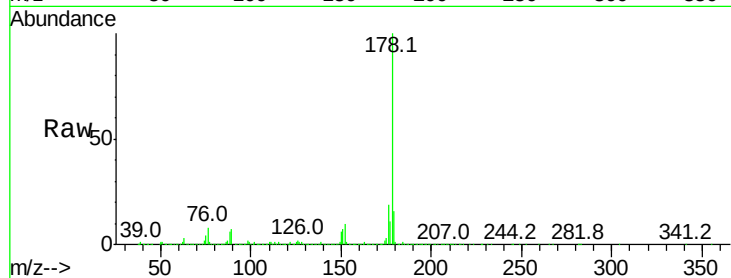
#69
 Phenanthrene
 Concen: 19.091 ng/ul
 RT: 17.27 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BM012595.D
 Acq: 31 Oct 2017 04:11

Instrument :
 BNA_M
 ClientSampleId :
 B-24(0.5-1.5)-100517

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	19.1	14.9	22.3

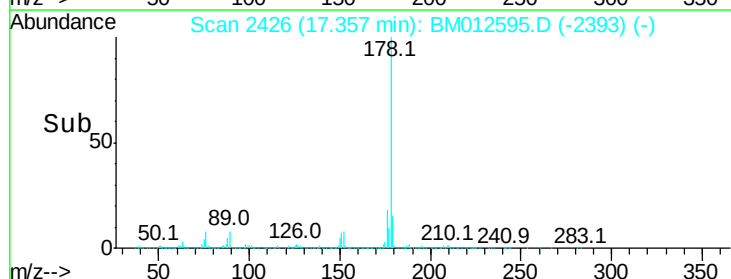
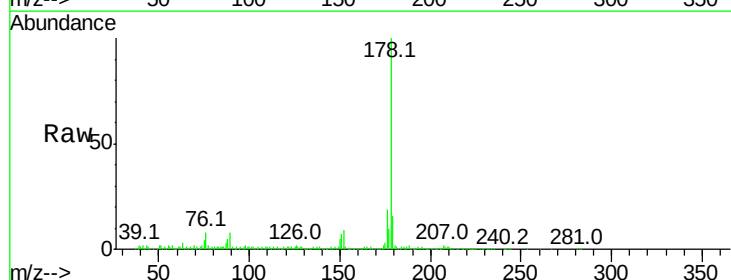
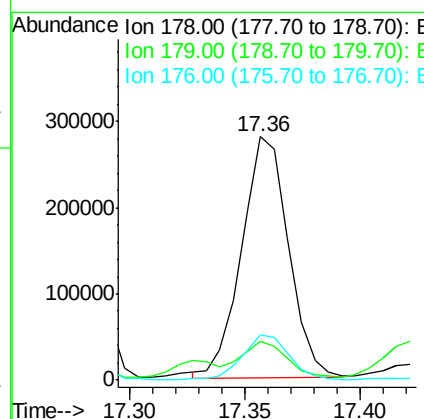
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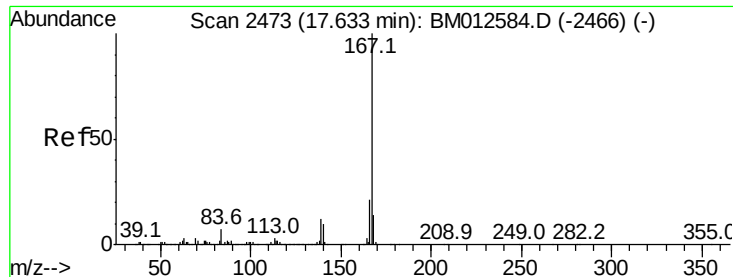
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#71
 Anthracene
 Concen: 3.908 ng/ul
 RT: 17.36 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BM012595.D
 Acq: 31 Oct 2017 04:11

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.7	17.5
176	18.5	14.6	21.8





#72

Carbazole

Concen: 2.653 ng/ul

RT: 17.63 min Scan# 2472

Delta R.T. -0.01 min

Lab File: BM012595.D

Acq: 31 Oct 2017 04:11

Instrument :

BNA_M

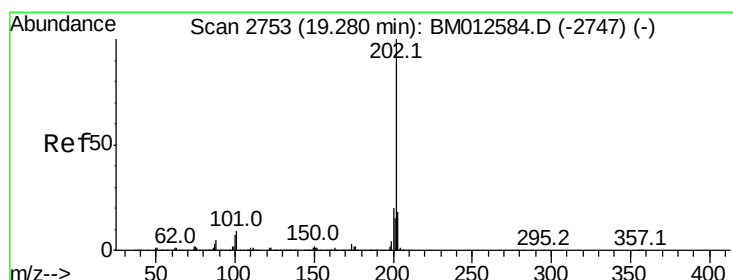
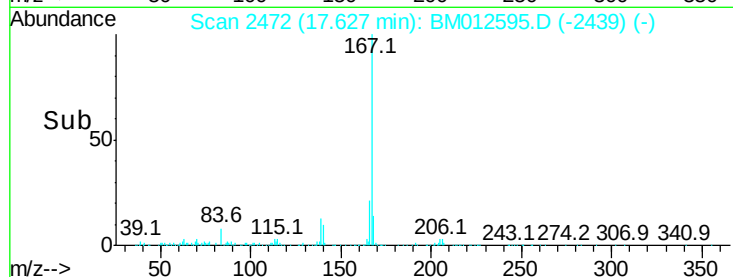
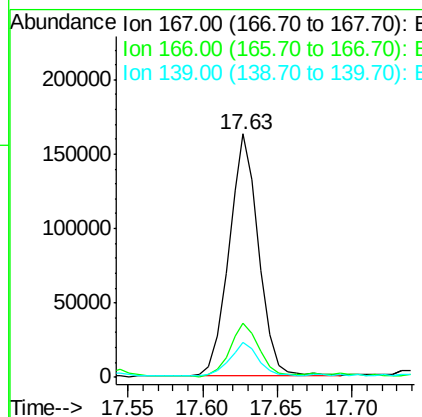
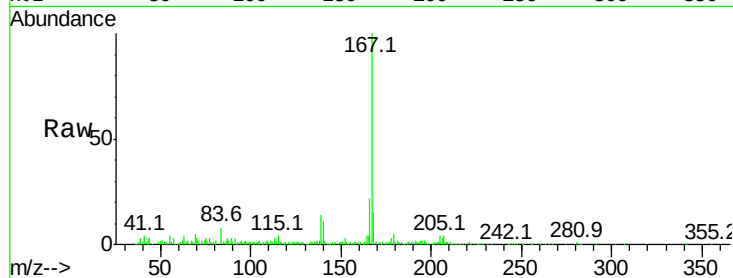
ClientSampleId :

B-24(0.5-1.5)-100517

Tot Ion:	167	Resp:	223646
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.1	25.7
139	14.1	10.0	15.0

Manual Integrations
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#74

Fluoranthene

Concen: 47.358 ng/ul

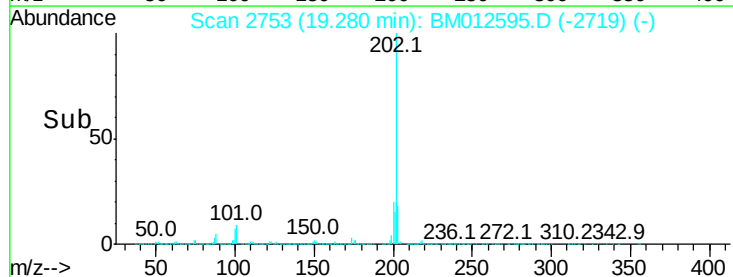
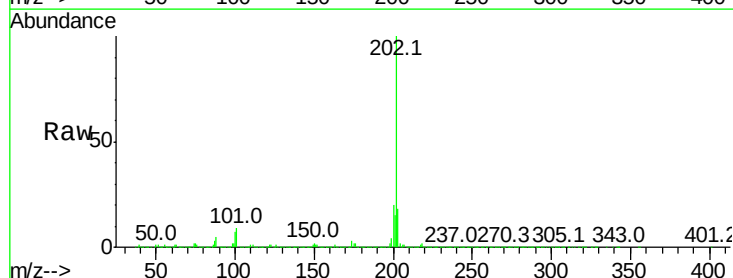
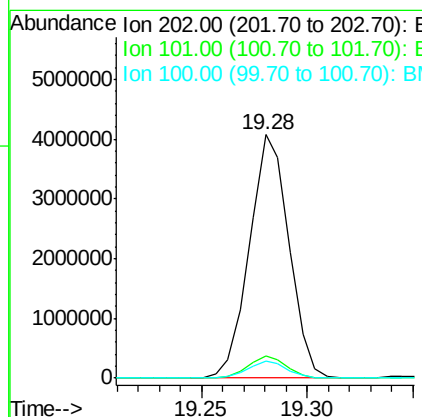
RT: 19.28 min Scan# 2753

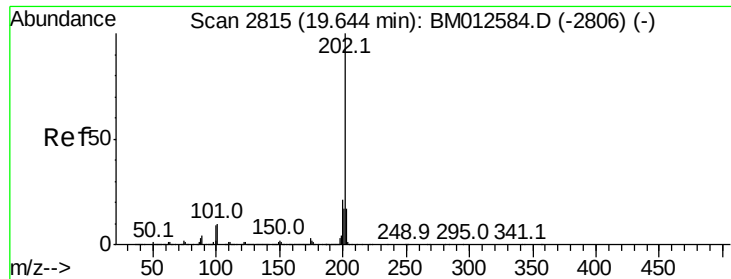
Delta R.T. 0.00 min

Lab File: BM012595.D

Acq: 31 Oct 2017 04:11

Tgt Ion:	202	Resp:	5284494
Ion Ratio	Lower	Upper	
202	100		
101	9.1	4.6	7.0#
100	7.1	3.4	5.2#





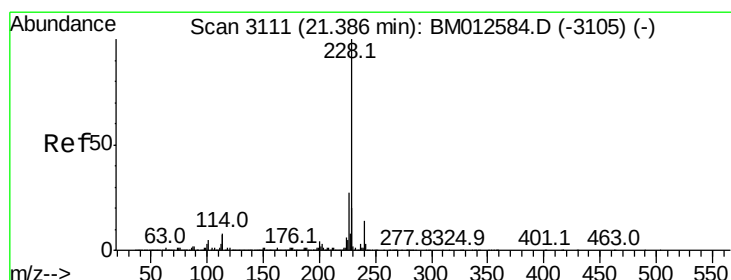
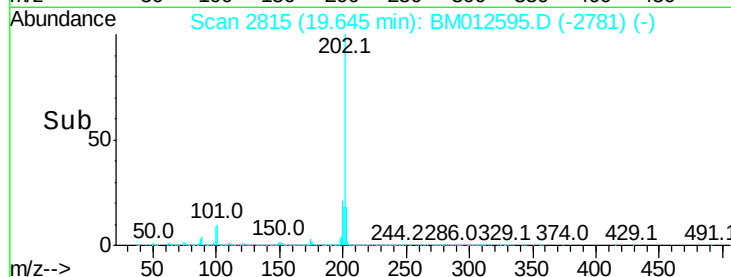
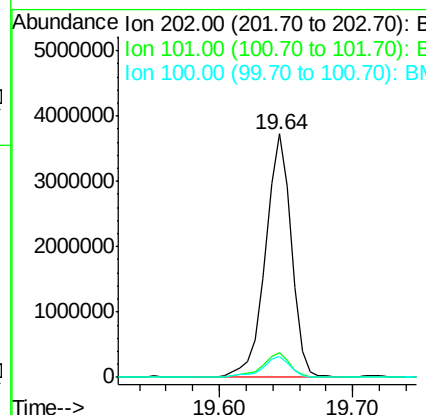
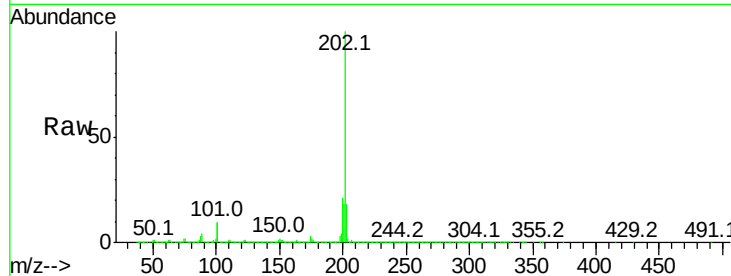
#77
 Pvrene
 Concen: 39.931 ng/ul
 RT: 19.64 min Scan# 2815
 Delta R.T. 0.00 min
 Lab File: BM012595.D
 Acq: 31 Oct 2017 04:11

Instrument :
 BNA_M
 ClientSampleId :
 B-24(0.5-1.5)-100517

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	5.1	7.7#
100	8.7	4.9	7.3#

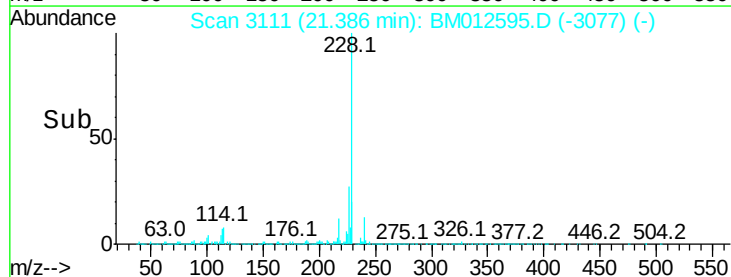
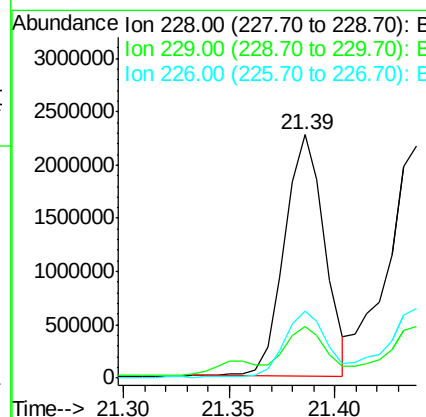
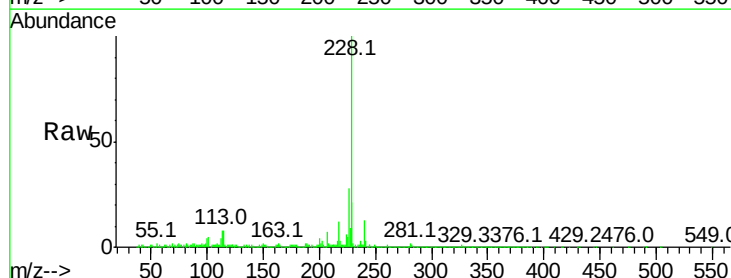
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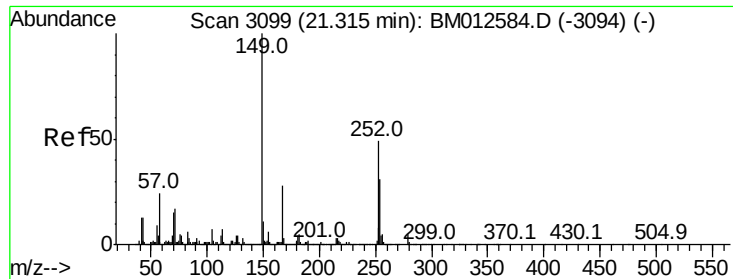
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#80
 Benzo(a)anthracene
 Concen: 22.913 ng/ul
 RT: 21.39 min Scan# 3111
 Delta R.T. 0.00 min
 Lab File: BM012595.D
 Acq: 31 Oct 2017 04:11

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.4	23.0
226	27.7	21.4	32.0





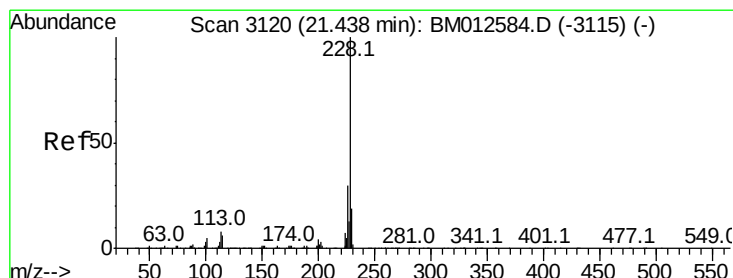
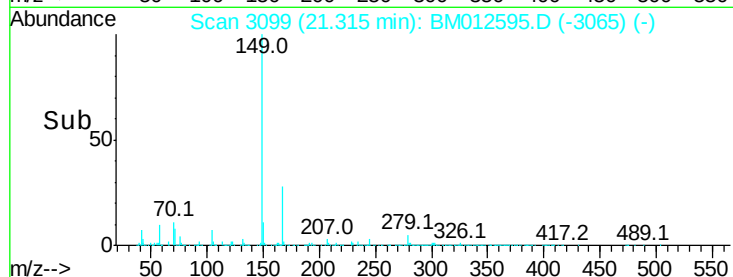
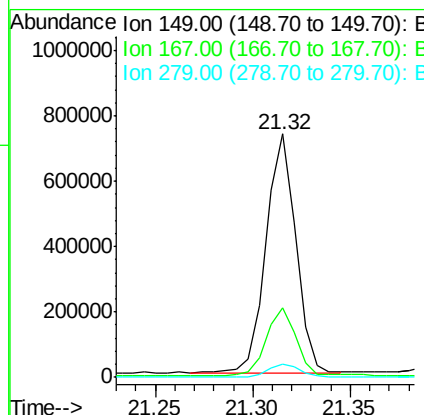
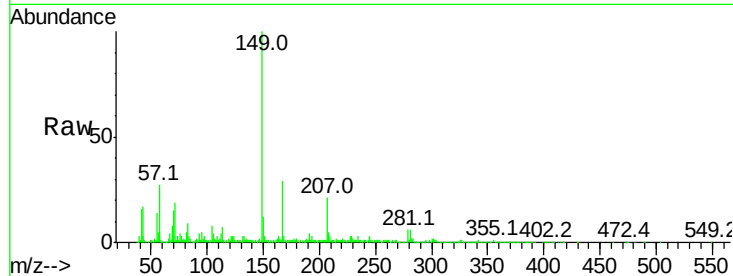
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 10.328 ng/ul
 RT: 21.32 min Scan# 3099
 Delta R.T. 0.00 min
 Lab File: BM012595.D
 Acq: 31 Oct 2017 04:11

Instrument :
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Tot Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.8	34.2
279	5.6	4.9	7.3

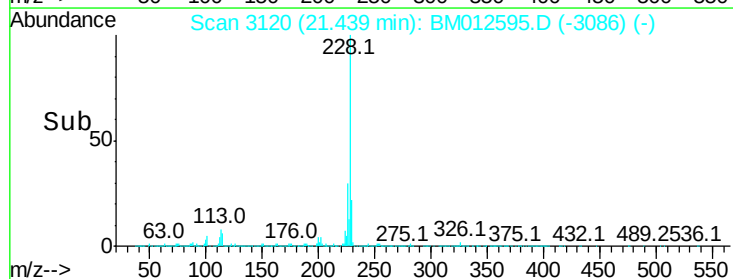
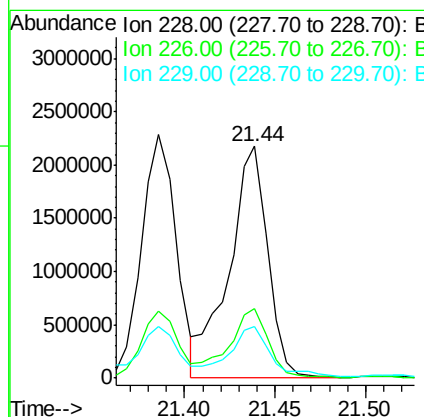
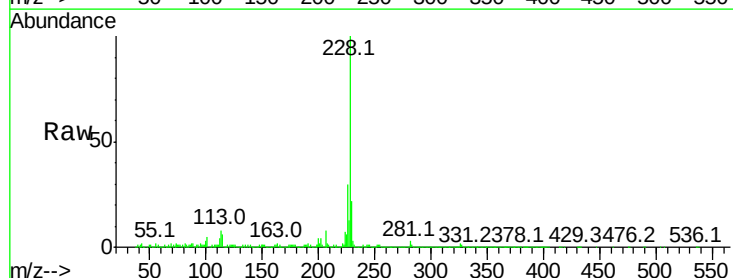
Manual Integrations
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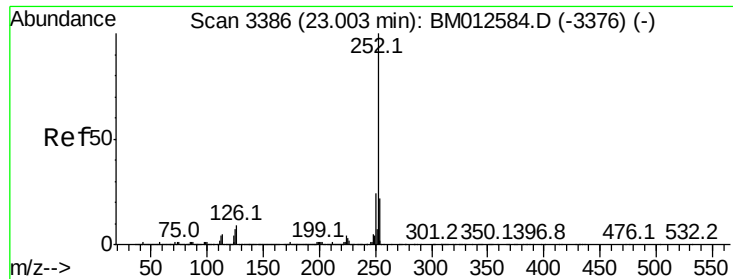
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#82
 Chrysene
 Concen: 27.501 ng/ul
 RT: 21.44 min Scan# 3120
 Delta R.T. 0.00 min
 Lab File: BM012595.D
 Acq: 31 Oct 2017 04:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	22.4	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 33.960 ng/ul

RT: 23.02 min Scan# 3388

Delta R.T. 0.01 min

Lab File: BM012595.D

Acq: 31 Oct 2017 04:11

Instrument :

BNA_M

ClientSampleId :

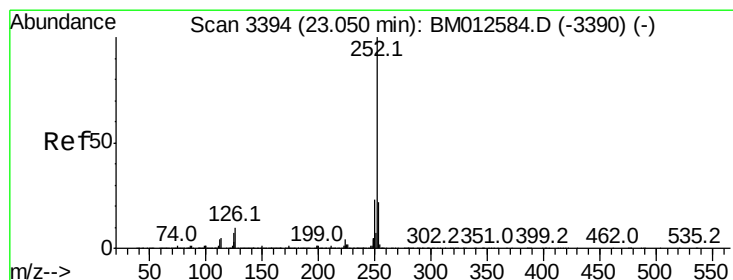
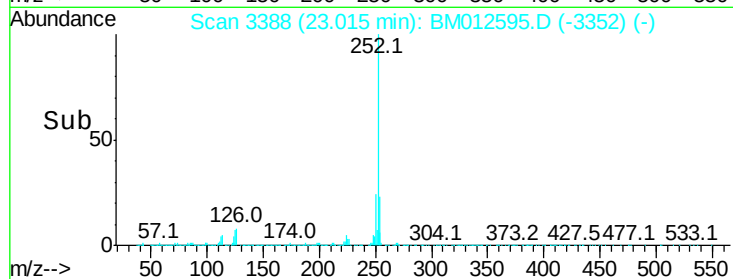
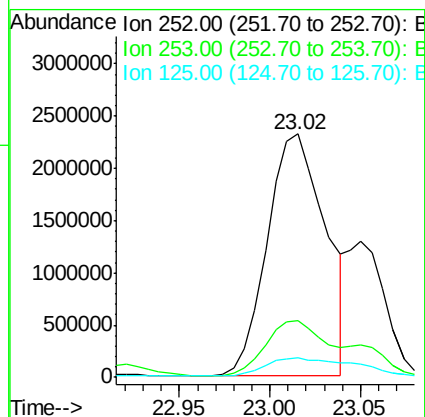
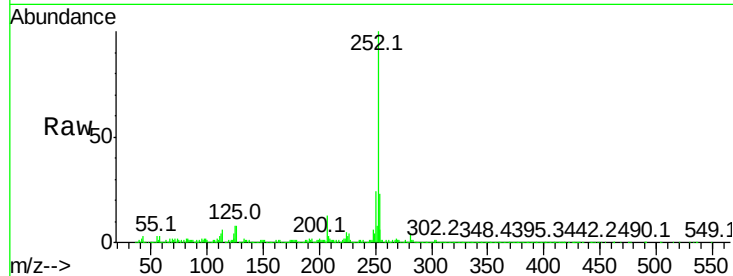
B-24(0.5-1.5)-100517

Tot Ion:252 Resp: 5214196

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	7.9	3.6	5.4#

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#86

Benzo(k)fluoranthene

Concen: 12.831 ng/ul m

RT: 23.05 min Scan# 3394

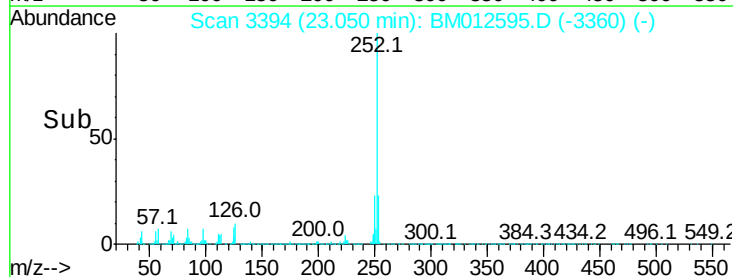
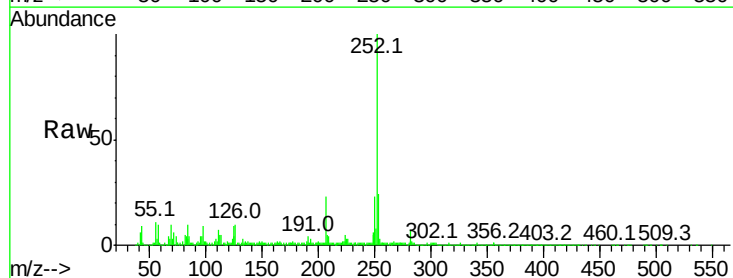
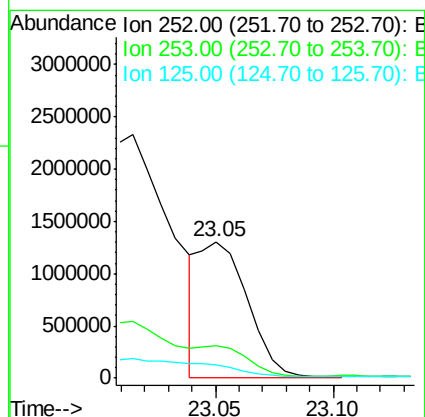
Delta R.T. 0.00 min

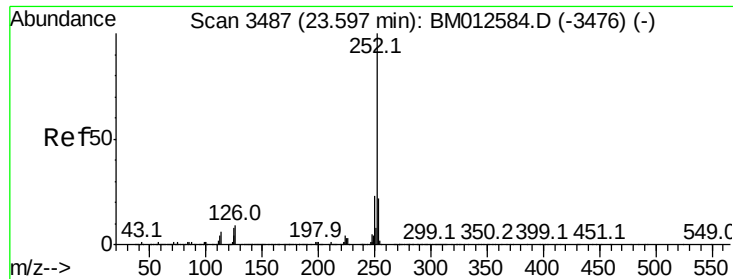
Lab File: BM012595.D

Acq: 31 Oct 2017 04:11

Tgt Ion:252 Resp: 1854203

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	9.3	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 23.644 ng/ul

RT: 23.60 min Scan# 3488

Delta R.T. 0.01 min

Lab File: BM012595.D

Acq: 31 Oct 2017 04:11

Instrument :

BNA_M

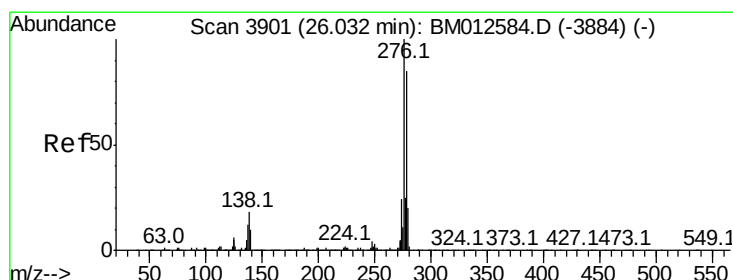
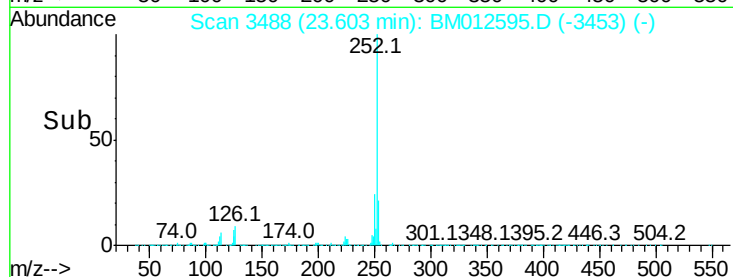
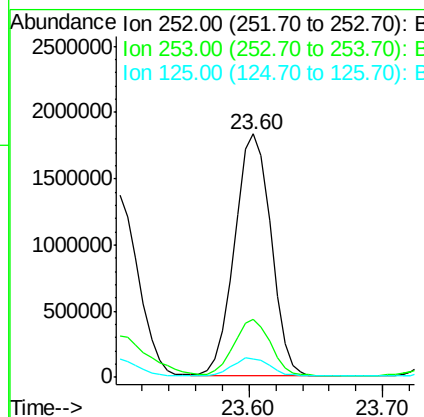
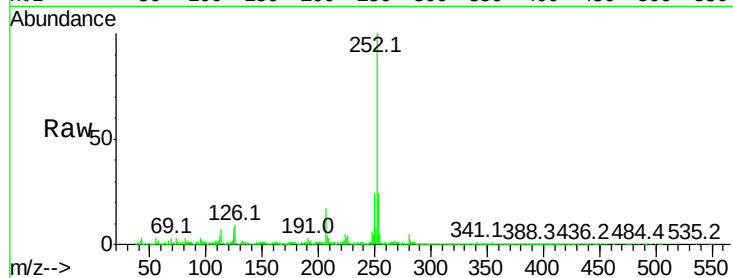
ClientSampleId :

B-24(0.5-1.5)-100517

Tot Ion:	252	Resp:	3461342
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.2	27.2
125	7.8	4.0	6.0#

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 17.011 ng/ul

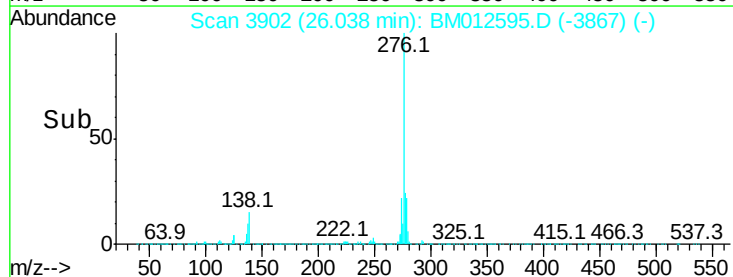
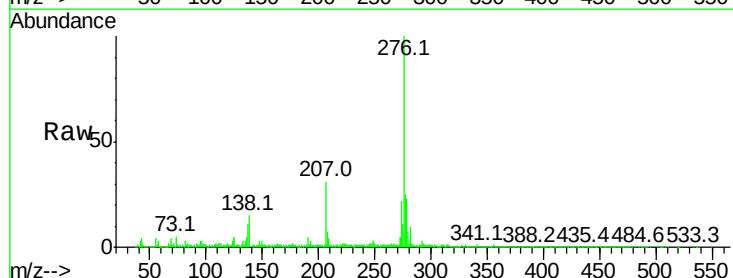
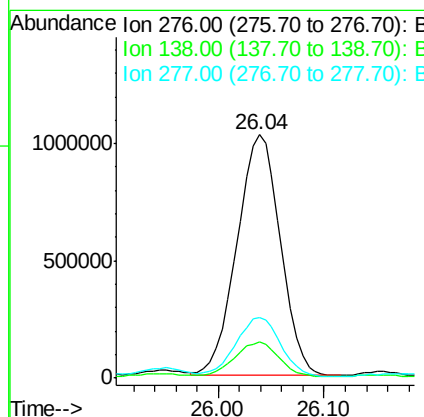
RT: 26.04 min Scan# 3902

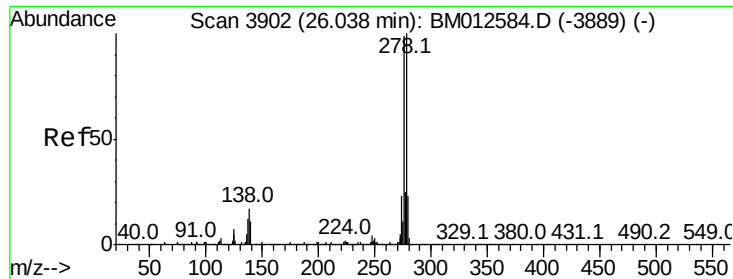
Delta R.T. 0.01 min

Lab File: BM012595.D

Acq: 31 Oct 2017 04:11

Tgt Ion:	276	Resp:	2930834
Ion Ratio	Lower	Upper	
276	100		
138	15.0	9.3	13.9#
277	25.0	19.9	29.9





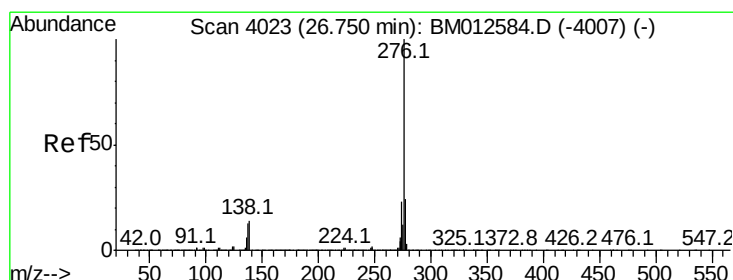
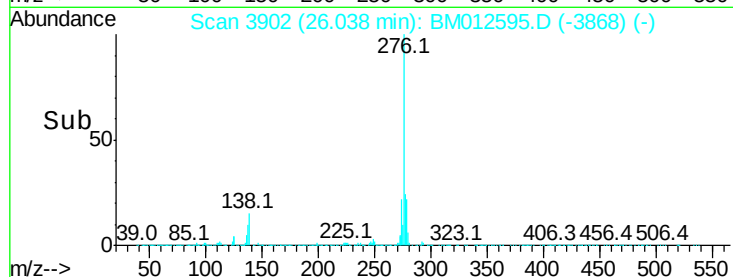
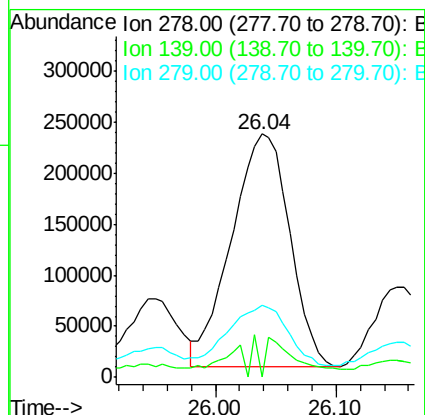
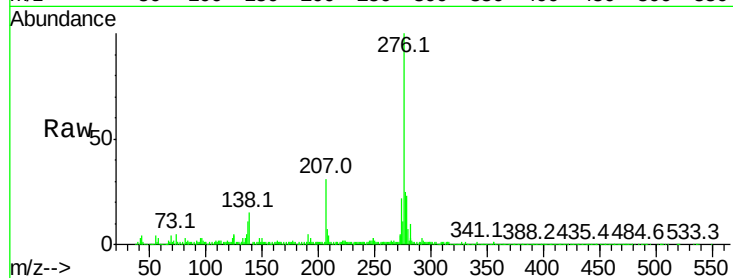
#90
Dibenzo(a,h)anthracene
Concen: 5.235 ng/ul
RT: 26.04 min Scan# 3902
Delta R.T. 0.00 min
Lab File: BM012595.D
Acq: 31 Oct 2017 04:11

Instrument :
BNA_M
ClientSampleId :
B-24(0.5-1.5)-100517

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	29.7	18.6	27.8#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 18.815 ng/ul
RT: 26.76 min Scan# 4024
Delta R.T. 0.01 min
Lab File: BM012595.D
Acq: 31 Oct 2017 04:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.1	8.5	12.7#
277	25.4	18.6	28.0

